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पेटेंट कार्यालय का एक प्रकाशन

A PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(V.RAVI)
Controller General of Patents, Designs & Trade Marks

27th APRIL, 2007

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- Rest of India

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
एकस्व
कोलकाता, दिनांक 27/04/2007
कार्यालयों के क्षेत्राधिकार के पते

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2808 1924, 2808 1925
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➢ भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(V. RAVI)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

Special Notice

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patent in the Official Gazette of India Part III, Section 2 has been discontinued and instead of "The Official Journal of the Patent Office" is being published containing all the activities of The Patent Offices such as publication of all the patent applications after 18th months , grant of patent & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules there under on weekly basis on every **Friday**.

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2007 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form. There will be 52 issues in a calendar year .The annual subscription for the Year 2007 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai. The copy of the Journal will be sent by Courier or Speed Post.

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Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

Early Publication:

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.1625/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :27/12/2005

(43) Publication Date : 27/04/2007

(54) Title of the invention : HEAT SENSITIVE, SOLVENT SENSITIVE, TEMPER EVIDENT, MULTIPURPOSE SECURITY LABEL AND THE METHOD OF MANUFACTURING THE SAME

(51) International classification	:B42D15/10, B41M5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
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(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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3)Shroff Pradip Hiralal

No of Pages : 8

No of Claims : 6

(57) Abstract :
A method of manufacturing "heat sensitive, solvent sensitive, evident multi purpose security label" comprising coating the formulated compound to constitute a film on a double sided silicone resin coated substrate and thereafter coated with high tack adhesive on double side silicone resin coated substrate and then by laminating the said film is slitted to desired length and size.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.1698/MUM/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF CALORISING OF STEEL SECTIONS AND THERE OF THE PRODUCT

(51) International classification :C23C10/58,10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 2

(57) Abstract :
A method of calorising of pipes on steel section comprising the steps of: a. checking the dimensions and chemistry of the pipes based on the supplies test certificate, b. degreasing the said pipes using sodium hydroxide and potassium per magnate solution heated between 70 to 85 deg. c, c. water washing the degreased pipe twice at room temperature, d. picking the washed pipe using a light HCI solution, e. water washing the said pickled pipes twice, f. flux cleaning the thus pickled and washed pipe at 70 to 80 deg. c using a solution of KCI, NaCI, and ZnCI2. g. Dipping the said flux cleaned pipes in hot flux made of KCI, Na3AIF6, NaCI, and ZnCI2 for 6 minutes with the temperature of the bath being maintained between 740 to 770 deg c. h. Transferring the pipes within 6 minutes to molten aluminium - silicon bath containing 9 to 10% silicon at 760 to 790 deg c. i. Allowing the pipes to be in this bath for 6 to 8 minutes and removing the same after wiping the excess aluminium using air wipers. j. Cooling the said pipes and keeping ready for the diffusion process as enumerated further. k. Bundling the hot dip aluminium coated pipes and filling in to a retort, l. Evacuating the air within the retort with a vacuum pump, m. Lowering the retort a vertical furnace and starting the heating cycle, n. Allowing the hot air along with the residual moisture inside the retort to escape upto 125 to 130 deg c, o. Evacuating the residual air once again at this point and introducing nitrogen and maintaining a positive pressure of nitrogen, p. Heating the retort with the pipes further upto 560 to 570 deg c and maintaining the temperature at that point for 30 minutes, q. Subsequently raising the temperature upto 850 to 900 deg c, maintaining this temperature for 2 to 3 hrs and then cutting off the heating and cooling the retort with nitrogen to around 280 to 300 deg c within 1 to 1 1/2 hour, r. Removing the retort from the furnace and allowing it to cool naturally to room temperature before the pipes are unloaded. s. Immediately introducing a second retort which has been kept ready with the similarly aluminium coated pipes, during the heating of the first retort and on removal of the first retort in order to keep the process continuous. t. Further cleaning and straightening the pipes is done. u. Further a small section of the pipe is sectioned and checked in the laboratory for microstructure analysis, to determine the layer of the diffusion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.1699/MUM/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF HOT DIP ALUMINIUM COATING ON STEEL SECTIONS AND THERE OF THE PRODUCT

(51) International classification :C23C1/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 2

(57) Abstract :
A method of hot dip aluminium coating on steel section comprising the steps of: a. checking the pipes for dimensions and chemistry, based on the suppliers test certificate, b. degreasing the said pipes using Sodium Hydroxide and Potassium per magnate solution heated between 70 to 85 Deg. C, c. Water washing the said degreased pipes twice at room temperature, d. pickling the water washed pipes using a light HCI Solution, e. water washing the said pickled pipes twice. f. flux cleaning the said washed pipes at 70 to 80 deg. C using a solution of KCL, NaCI, and ZnCI2, g. dipping the thus obtained pipes in hot flux contained in a bath having the temperature 740 to 770 Deg C for 6 to 10 minutes, the said Flux being made of KCL, Na3AIF6,NaCI, and ZnCI2, h. transferring the pipes from step g within 6 to 7 minutes to molten aluminium - silicon bath. The said bath containing 9 to 10% siliconand being maintained at 760 to 790 Deg C and keeping the e pipes in this bath for 6 to 8 minutes and removing the same after wiping the excess aluminium using air wipers. i. cooling the pipes of step h and keeping ready for the diffusion process as enumerated further. j. carrying out the process of Chromate passivation if required k. finally inspecting the pipes individually and checking for their coating and defects if any. l. after acceptance bundling and packing the said pipes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2006
(21) Application No.1757/MUM/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DESIGN AND PROCESS FOR MANUFACTURING AN INSITU, INSTANTLY OPENABLE AND CLOSEABLE UNISEX UNDERWEAR

(51) International classification :A41B9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ARVIND RAJARAM SHETE

No of Pages : 39
No of Claims : 14

(57) Abstract :
Design and process for manufacturing an Insitu instantly openable and closeable unisex underwear is disclosed. It comprises of one continuous waist band (A) provided centrally located and diametrically opposite two Velcro fastener/releaser, (D) and (E), each one on its front and back outer sides, respectively. This band's frontal and back inner sides and independently and permanently secured with one front portion (B) and one back portion (C), at their top end's outer sides respectively. The (B) and (C) are exactly identically shaped at their top half of which right and left sides are permanently secured together. This complete (A) and a part of (B) and a part of (C) arrangement provides a permanently formed partial top half of permanently covering the wearers body as worn originally. The remaining bottom half's temporarily formable unidentical and unsecured shape including the bottom edges of both the front and back portions are kept completely free from each other. One Velcro fastener/releaser (F) is provided on the bottom edge. At the free bottom edge of the back portion, each of its inner and outer side is provided with one Velcro fastener/releaser, (G) and (H) respectively. When (G) is instantly attached with (F), this arrangement provides a temporarily formable remaining bottom half complete covering including two leg openings, ready for normal wearing. Thereafter when it is worn on the wearer's body and for all kinds of bonafide, valid and just needs at all times, either to the wearer or to others, by instantly detaching (G) away from (F), and temporarily attaching (F) with (D); and (H) with (E), an insitu instant and complete access to those relevant body parts gets created physically and additionally simultaneoulsy, psychologically the permanent partial covered body generates some sense of protection of privacy, decency, secrecy and dignity in the wearer's mind.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2006
(21) Application No.1798/MUM/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PLAYING CARDS SHUFFLING AND DEALING MACHINE

(51) International classification :A63F1/00,A63F1/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 6

(57) Abstract :
The playing cards shuffling and dealing machine is useul for groups of card players in homes, club houses, casinos. It takes out the monotony, fatigue and doubts about manipulations associated with manual shuffling and dealing. The actual dealing is visible but the card faces are not exposed in the process. It offers flexibility to adapt to any card games, various patterns of dealing, accepts standard cards of any size and material. The basic unit is adequately compact and lightweight for use with conventional or special handling devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2007

(21) Application No.471/MUM/2007 A
(43) Publication Date : 27/04/2007

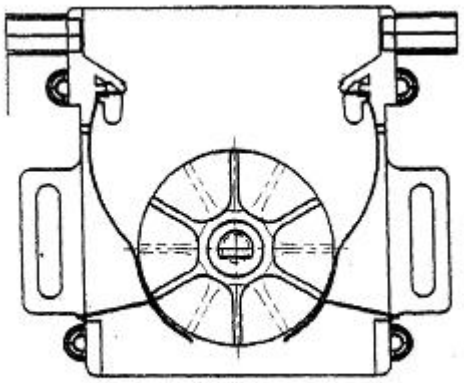
(54) Title of the invention : LINEAR FEEDING SYSTEM

(51) International classification	:B65G35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:Nil
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 16
No of Claims : 7

(57) Abstract :
The present invention relates to the Linear Feeding System comprising Linear feeder with Housing Cover (A), housing (B), Flexible Guide Strip (C), Rotor (D), Synchronous Motor (F); wherein the first section of the housing cover (A) and the synchronous motor (F) are mounted with the help of screw and on the other section of Housing Cover(A), the rotor(D) is mounted on the shaft of Synchronous motor(F), which is fixed on the high cut of synchronous motor(F) and also the housing(B) is mounted on this housing cover(A) with the help of screw; then the flexible guide strip(C) is mounted at the left side of housing(B) on the straight wall, which is fixed, the bottom parts of the guide strip (C) and housing (B) are mounting with each other with the help of screw or PVC; the one part of the rotor (D) is mounted between housing cover (A) and housing (B) and the sensor/led, which is come from the circuit is mounted on left with Door Switch, Buzzer, IR led, Sensor, Mode Switch (M1 & M2).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.1073/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR POLY PHOSPHATE COATING ON ROLLED STEEL SHEET TO RESIST CORROSION.

(51) International classification :C23C22/33
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)T.K.ROUT

(57) Abstract :
Cold rolled/hot rolled steel sheets are fed into a degreasing bath in order to remove oil, dirts etc. from the surface. Then, the poly-phosphate coating solution in applied on the rolled sheets surface by spraying or the roiled steel sheets are immersed in bath containing poly-phosphate rolled coating solution. Rolled steel sheets with poly-phosphate coating adherence are then rubber squeezed and send to chamber for drying at a temperature of 40°C-60°C. The poly-phosphate coated rolled sheets thus obtained were characterized with respect to corrosion, co-efficient of friction, coating uniformity, coating weight and organic molecular net work in the coating.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1084/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :17/10/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : AUTOMATIC TOOL RETRACT DEVICE OF DAINICHI CNC LATHE M/C DURING POWER FAILURE

(51) International classification :H02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :jamshedpur 831001, India Jharkhand India
(72)**Name of Inventor :**
1)N. SHARMA

(57) Abstract :
A method by adapting 2 munbers heavy batteries, one mocro PLC, 2 numbers small relay having coli voltage +24 V DC and 3 numbers 32 Amps contrator of coil voltage 220V. AC and made connections to all the devices as per the cut diagram. A simple PLC logic to micro PLC written to operate the 32A power connector as per the requirement, so that the machine tool post i.e X-axis, servo motor comes back out of the groove which was in operation during power cut at the machine so that the job not be damaged.
A method by adapting 2 numbers heavy duty batteries, one micro PLC, 2 numbers small relay having coil voltage + 24 V DC and 3 numbers 32 Amps contactor of coil voltage 22OV AC and made connections to all the devices as per the cut diagram. A simple PLC logic to micro PLC written to operate the 32A power connector as per the requirement, so that the machine tool post i.e. X-axis, servo motor comes back out of the groove which was in operation during power cut at the machine so that the job can not be damaged.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2006

(21) Application No.1096/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : IN SITU DRYING AND PREHEATING INCLUDING GASEOUS PRE-REDUCTOIN OF CHROMITE ORE INSIDE CHARGING CHUTE OF SUBMERGED ARC FURNACE IN FERRO-CHROME PRODUCTION PROCESS.

(51) International classification :C22B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :JAMSHEDPUR-831001 INDIA Jharkhand India
(72)**Name of Inventor :**
1)P.K.MISHRA
2)K.S.RAJU

(57) Abstract :
Gaseous pre-reduction of preheated chromite ore inside charging chutes of submerged Arc Furnace (SAF) followed by low temperature dissociation of carbon monoxide (co) gas catalysed by the freshly reduced iron leading to carburisation of the later and solid state reduction of chromite takes place in the production of Ferro chrome.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1107/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :20/10/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS OF CONTROLLING BLAST FURNACE OPERATION TO OPTIMIZE ITS PRODUCTIVITY BY GENERATING A HYBRID DISTRIBUTION MODEL.

(51) International classification	:C21B5/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)TATA STEEL LTD**
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831 001 INDIA West Bengal India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)MS CHANCHAL SAXENA ;SIDDHARTH THAKUR**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process of controlling blast furnace operation to optimize its productivity by generating a hybrid distribution model comprising preparing a model by forming a self organizing map(SOM) of matrix character followed by K-means by correlating acertain set of raw material properties with the deviation in certain process parameters generated in the SOM,preparing a classifier for classification of above burden prove(ABP),communicating input vectors of a set of significant variable processÂ parameter to form SOM_1,identifying the classes of abp profile{abp(k)},stact temperature pattern {stck(k)} and heat flux group {hf(k)},SOM_2 is formed by transforming SOM_1 for identifying similiar group of data, using SOM_2 burden distribution and performance indices corresponding to target ABP is obtain and changing the burden distribution accordingly to move the significant parameters in favourable direction,the said sequential control steps through the generated model being carried out by interfacing of algorithm with neuron network and a pc operated through a software generated for this purpose.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2006

(21) Application No.1108/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVELOPMENT OF MICRO-ALLOYED HIGH STRENGTH WELDED STEEL TUBES FOR TWO AND THREE WHEELERS.

(51) International classification :C21D7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :Jamshedpur 831001,INDIA Jharkhand India
(72)**Name of Inventor :**
1)ARUNANSU HALDAR
2)GAJENDRA JHA
3)C.B LUNAWAT

(57) Abstract :
The present invention relates to a development of micro alloyed steel having high-strength and weldable properties adaptable to manufacture of tubes applicable to automobile pacts for two or three wheelers.Micro-alloyed ated having high strength and weldable properties comprising a chemical composition in wt % C - 0.05 to 0.10. Mn - 1.0 to 1.5, Si ~ 0.06 max, P-0.02 max, S - 0,04 max, Al - 0.02 - 0,06 (V+Nb+Ti)-0,02 to 0.05.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2006
(21) Application No.1110/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : USE OF CONTINUOUS MINER FOR UNDERGROUND COAL MINING WITH SAND STOWING

(51) International classification :E21C27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED,
Address of Applicant :TATA STEEL LIMITED,JAMSHEDPUR 831001, Jharkhand India
(72)**Name of Inventor :**
1)Gopal Prasad
2)Binoy Kumar

(57) Abstract :
The present invention relates to a method for continuous miner from underground coal mine with instant sand stowing. The method for continuous miner from underground coal comprising of the following steps:
First step - A layout is chalked out on the surface of the land with a demarcated boundary line beneath which the extraction of coal is to be carried out. This Ss popularly known as panel. Second step - A planning is made out for ingress way for man and material approach, internal passage, ventilation, drainage, exit, transportation for coal outlet of the panel maintaining the norms of coal and mining rule 1957. and progress digging gradually as per sanctioned plan. Third step - On progress by gradual digging a driving gallery of size 4.8m x200m and 2.4m height is prepared besides a passage from bottom to top in a compartment space of size 100mx 200m (centre to centre. Fourth step - Coal is taken out from bottom of the gallery and when all coals are taken out from last top step layer of the gallery in one compartment then proceeded to a next adjacent similar compartment having same size leaving a space apart which acts as a pillar to support the upper layer which is popularly known as strata control .Fifth step - Further proceed by digging of similar size gallery in next adjacent second compartment of similar size from top to downward direction and started stowing sand in the first compartment simultaneously. Stowing is usually employed where the entire voids created by the extraction of coal and that is to be completely and solidly stowed. Stowing material (sand) is transported form out side the mine and filled in the extracted area under high hydraulic pressure. The object of stowing is for prevention the surface subsidence. Sixth step - proceed further, the digging of a third similar compartment adjacent of second compartment from bottom to upward direction to form similar size gallery leaving a space apart for second pillar and simultaneously stowing sand in the second compartment. Seventh step - Proceed the digging of such compartment wise along diagonally of the panel and simultaneous stowing sand in the previous vacant compartment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1170/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/11/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVELOPMENT OF IMPROVE QUALITY OF RUBBER.

(51) International classification :C08C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :Jamshedpur 831001,Indian Company. Jharkhand India
(72)**Name of Inventor :**
1)SANDIP KR. BHATTACHARYYA

(57) Abstract :
The existing industrial problems have been resolved by designing special rubber covering com position with unique blend of compounding ingredients thereby optimizing the properties and making a suitable balance between diverse property requirements arising from conflicting demands. In the developed formulation internees to working medium has been considered along with the hot environment and its affect on rubbing properties as also least teachability coupled with mechanical requirement like cut and abrasion resistance properties to combat wearing and waviness

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2006
(21) Application No.1191/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ZERO REJECTION OF LIME DURING LANCE CHANGING IN MAERZ KILN.

(51) International classification :F27
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED,
Address of Applicant :Jamshedopur 831001, India Jharkhand India
(72)**Name of Inventor :**
1)DULAL BANERJEE
2)ANIL KUMAR
3)AMITAVA BAKSHI
4)AVIJIT BOSE

(57) Abstract :
A predermined quantity of lime stones are fed on the top of a twin vertical shaft kiln of maerz kiln by means of a skip hoist. The lime stones from the charging bin at top are catered both the vertical shaft alternative by means of hopper belt gate arrangement. A plurality of lance are embedded inside in each of the vertical shaft of the kiln. During changing of lance, materials are to be lowered down upto the level of lance tip. The amount of charge of lime stones are approximates 70-80 Ton in each shaft. To start heating of the kiln, an additional 20% extra heat input is employed in the shaft kiln over and above other shaft which will help to generate more heat in preheating zone of the other shaft. It will calcined the material faster as the combustion system is getting more scope to react with the exposed surface area of lime stone. The reaction takes place at 1000-1050C to get rid of CO2 from CaCO3 and remains calcined Cao In lime which will be taken out from the bottom of the kiln. The calcined lime as produced in tested In laboratory. In the testing process, 50gms of calcined lime power is taken in 2 litres of distilled water and boil it up at 40°C. 50ml of phinoptholin is added to the solution and i thereafter titration is carried out with 4NHCL for 5 minutes. The consumption of 4NHCL in 5 minutes denotes the reactivity of lime in CC (cubic centimeter). Reactivity means capacity to react with hot metal in steel melting process.

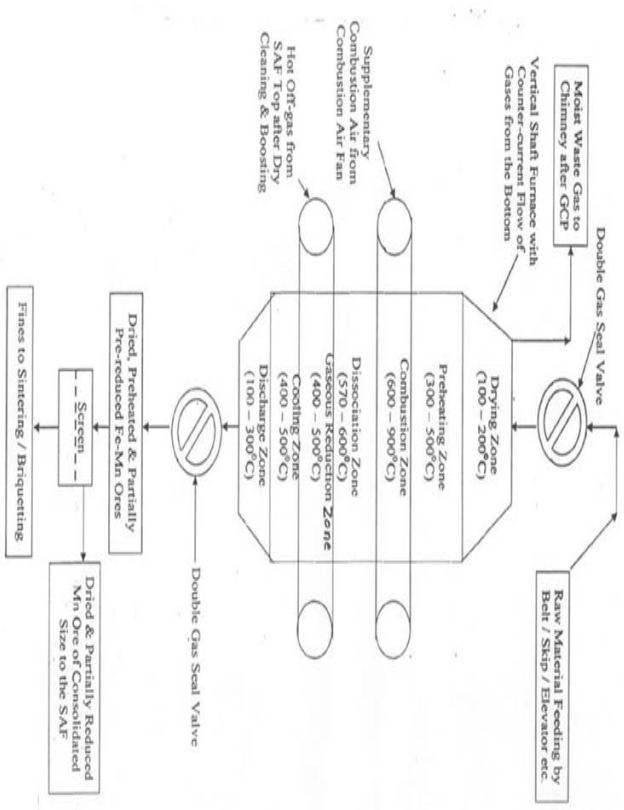
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2006
(21) Application No.1217/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF UPGRADATION OF HIGH VOLATILE DECREPITATABLE MANGANESE ORES IN A VERTICAL SHAFT FURNACE BY PARTIAL REDUCTION ROASTING UTILIZING SUB-MERGED ARC FURNACE (SAF) OFF-GAS

(51) International classification :F27B9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED,
Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR - 831 001 Jharkhand India
(72)**Name of Inventor :**
1)P.K. MISHRA
2)Tathavalkar, V.
3)Mohan Rao, S.
4)Mallick,P.K.
5)Mohapatra, T.

(57) Abstract :This invention relates to a process of upgradation of high volatile and decrepitatable managanese ores in a vertical shaft furnace by partial reduction roasting utilising sub-merged are furnace (SAF) off-gas for production of ferromanganese comprising the steps of charging the cleaned and warm off-gas from a sub-merged are furnace (SAF) in the gaseous reduction zone of a vertical shaft furnace charged with decrepitatable manganese ores to simultaneously accomplish cooling of the outgoing charge material and pre reduce it partially by dint of carbon monoxide containing in the charged ore, the said upcoming gas is carried through the dissociation zone of the shaft furnace wherein the MnO2 content of the ore is dissociated to Mn3O4 at 570-600° C and liberates free oxygen which is autogenously utilized for combusting the residual carbon monoxide and hydrogen gases available in the off-gas of the sub-merged are furnace (SAF) in the combustion zone maintained at 600-900° C, the heat produced in the combustion zone being utilized for drying, preheating and dissociation of the ores, the ores discharged at the bottom of the furnace being screened to separate fines which are briquetted and sintered and the dried partially reduced manganese pre obtained, to be charged in the sub-merged are furnace (SAF) for producing Ferromanganese optimisingly.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1288/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :28/11/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : POSITIVE LOCKING ARANGEMENT OF PLUG VALVES

	:F	(71)**Name of Applicant :**
(51) International classification	16 K	**1)TATA STEEL LIMITED** Address of Applicant :Jamshedpur 831001 India West Bengal India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)SIBABRATA KAR**
(33) Name of priority country	:NA	**2)A.K.CHODUHURY**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention comprising of atleast two individual parts, first part is a inverted 'L' shape member connected at a corner point of a square shaped frame structure at one end insertable in the square shape spindle of the plug valve and other end of inverted 'L' shape part having a hole trough which a latch of the lock can be fastened. The second part having a hole at one end and other end having a circular frame structure by joining two circular halves which are mounted over a cylindrical pipe and fastened by nuts and bolts and sealed. According to the requirement for opening or closing of the valve, the holes of two parts are taken together and locked them by entering a latch of a lock through these two holes. By this locking arrangement a manually operated ball valve and plug valve of any size can be locked at fully closed position or at fully opened position.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2006

(21) Application No.1291/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR ESTIMATION OF METIALLIC IRON FE(MET)CONTENT IN SPONGE IRON

(51) International classification :G01S13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LTD.,
Address of Applicant :JAMSHEDPUR 831 001,INDIA. West Bengal India
(72)**Name of Inventor :**
1)P.SRINIVAS
2)A.K.PATHAK
3)A.K.GHOSH

(57) Abstract :
The present invented method of testing procedure is described as follows: A sample of 0.5-1.0 gram of sponge iron is taken is a clean and dried 100ml measuring flask to which 3-5 gm mercuric chloride and 60-07 ml oxygen free water are added. The contents of flask are wormed below the boiling point for 1 hour. Thereafter the flask is cooled by covering the mouth of the flask. The contents of the flask are then filtered through grade 40 and 41 filter paper, the filtrate is taken in a 250 ml comical flask. The residue is washed five times with oxygen free water and then 5-10 ml of ortho phosphoric acid is added to It. The content of the flask Is then titrated against standard 5/56 NKMn04 solution to obtain a faint pink at end point Volume of standardKMrrO4 consumed in ml gives metallic Iron content is percentage on 0.5-10 gram sample bins. To validate the above methods, the same sample has been tested by two existing methods and the comparative results obtained are given table-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1292/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :28/11/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : ORGANO-REFINING PROCESS TO PRODUCE LOW ASH(<4%)CLEAN COAL WITH MAXIMUM POSSIBLE YIELD

(51) International classification	:B 01 D	(71)**Name of Applicant :** **1)TATA STEEL LIMITED** Address of Applicant :Jamshedpur 831001 India West Bengal India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)MITALI CHINA**
(33) Name of priority country	:NA	**2)D.K.SHARMA**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Around 50-100 grams of fine clean coal after washing through froth flotation process, was taken as a feed sample to this process. The ash content of the coal sample was 12.1%. The coal sample was taken through coning quartering method. The coal sample was dried in an oven at 100Â° 110'C for 24-30 hours. After dying coals sample was cooled in a desiccater.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1299/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :04/12/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED METHOD OF PRODUCING LIQUID STEEL IN A BASIC OXYGEN FURNACE

(51) International classification :C21C5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LTD.,
Address of Applicant :JAMSHEDPUR 831001,INDIA West Bengal India
(72)**Name of Inventor :**
1)SOMNATH BASU

(57) Abstract :TITLE : 'An improved method of producing liquid steel in a basic oxygen furnace" This invention relates to an improved method of producing liquid steel in a basic oxygen furnace, the method comprising the steps of providing small size limestone chips and causing the chips to undergo crushing and grinding operation to produce pulvers of desired fineness; the pulvers being fluidized with an inert gas carrier, providing atleast one bottom tuyere (BT) having means (1) for bottom purging of pulverized limestone into the furnace; injecting a predetermined quantity of the fluidized pulvers via the purging means (1) of at least one bottom tuyere (BT) such that the surface area for reaction between the solid flux and the liquid slag increases with the change in particle size injected through bottom charging, leading to substantial increase in the overall reaction rate; and simultaneously adding from the storage hoppers disposed on the top of the furnace, a reduced quantity of calcined lime to form slag for improved refining, the reduction being equivalent to said predetermined quantity of pulverized limestone charged via bottom injection.

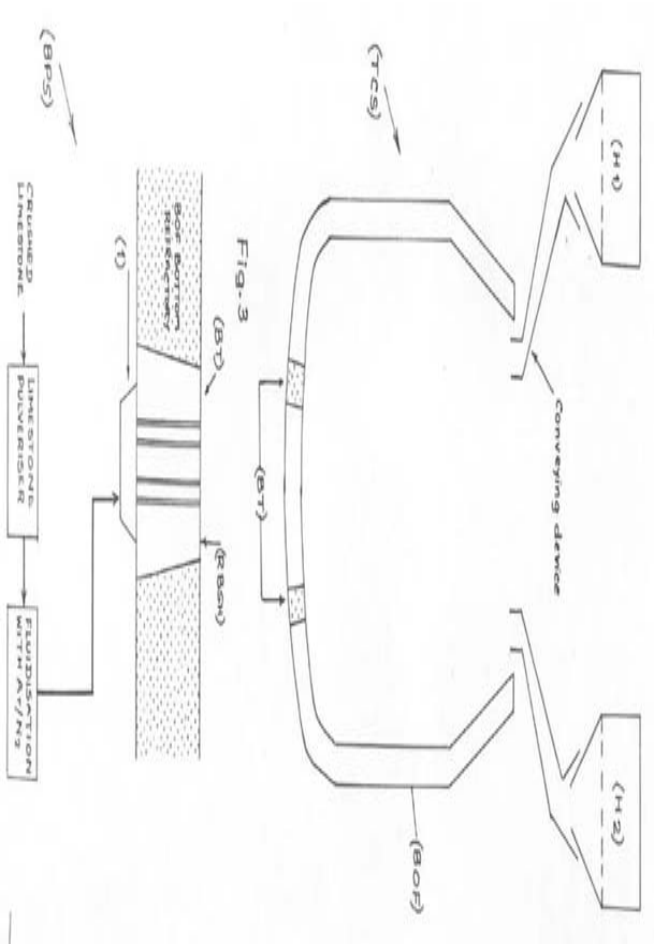


Fig.3

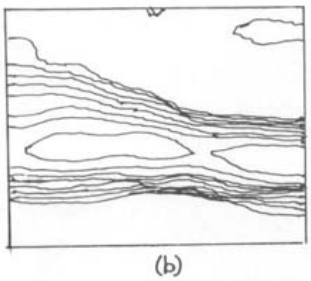
(12) PATENT APPLICATION PUBLICATION
(21) Application No.1306/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :05/12/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF MAKING BATCH ANNEALED TI- ESTABILSED(IF) STEEL SHEETS WITH IMPROVED DRAWABILITY

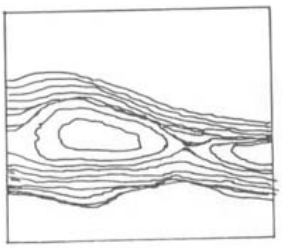
(51) International classification :C21D9/46
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED.,.RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION,
Address of Applicant :JAMSHEDPUR-8310001 Bihar India
(72)**Name of Inventor :**
1)Kumkum,Banerjee R&D Division
2)Venugopalan,T. of office of DMD (s)
3)Gope,N.of R&D Division

(57) Abstract :
This invention relates to a method of making batch annealed Ti-stabilised interstitial free (IF) steel sheets / strips with improved draw/ability comprising the steps of developing a Ti-stabilized interstitial free (IF) steel sheets / strips through varied cold deformation and batch annealing at temperature ranges of 660-750° C of steel bar at orientation distribution function (ODF) Φ2 = 45°, or finish hot rolling the hot band material produced at hot strip mill at hot spot temperature by maintaining hot rolling line below or above upper critical temperature (Ar3); securing uniform γ-fibre [111] texture with negligible orientation density of rotated cube orientation (001)<110> and achieving high plastic strain ratio (rm) in the order of 2.3.



(b)
80% cold rolled and batch annealed at 680 °C in laboratory [r_m~ 2.3]



(c)
80% cold rolled and 710 °C in laboratory [r_m~ 2.3]

Fig.1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2006

(21) Application No.1358/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVELOPMENT OF POWER RAIL FOR POWER TRANSMISSION .

(51) International classification :B60L5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :Jamshedpur 831001 Bihar India
(72)**Name of Inventor :**
1)ARBIND KR.SINGH
2)T.M.SRIVASTAVA

(57) Abstract :
To eliminate the disadvantages of the prior art and for remedy of the existing problem in the production line an emphasis is made to install a improve power rail at transfer points. The power rail was bent at 30 degree at all the transfer points and was fixed in overlapping fashion with an air gap of 8mm to 12mm. Carbon blocks of the power collectors were given round shape at the edges to further improve the slide on the rail. After modifications, quenching loco and car was moved, to and from transfer points, in both directions with different speeds and with different misalignments and found working without any problem. The new system was taking the misalignment of even 80mm without any jerks in the movement of power collector on the power rails.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2006

(21) Application No.1359/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : SWELLABLE POLYMERS AND BAGS CONTAINING THE SAME

(51) International classification :C08G18/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Indarsen Shamlal Pvt.Ltd.
Address of Applicant :27,Sarat Bose Road, 2nd Floor,Kolkata-700020 West Bengal West Bengal India
(72)**Name of Inventor :**
1)Bishwanath Agarwala
2)Abhishek Agarwal

(57) Abstract :
Conventional mode of filling river banks was done by sand bags. This involved material as well as man power deployment. The present invention aims at providing a novel alternative means for filling and protecting river side and embankments. Accordingly, the present invention relates to a fibrous container with a swellable polymeric material comprising a copolymer of sodium acrylate and acrylamide in a porous macromolecular form capable of absorbing water or the like fluid material in their interstices resulting in a fluid filled product 300-500 times larger in mass in comparison without the original material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2007
(21) Application No.183/KOL/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYNTHESIS OF NANO-TIO2 SOL AS CORROSION RESISTANT COATING MATERIAL FOR STEEL SHEETS

(51) International classification :C22C38/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAMANUJ NARAYAN
3)NIKHILESH BANDYOPADHYAY
4)A.K. VERMA
5)A.K. SINGH

(57) Abstract :
Substrate surface preparation: Different steel grades D, BDD & IF steel sheets were taken for the investigation. These sheets were cleaned to remove scales and subjected to tri-cationic phosphate base solution to obtain a thin coating of

(12) PATENT APPLICATION PUBLICATION
(21) Application No.324/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :12/04/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : QUANTITATIVE EVALUATION OF SPANGLE TYPE IN HOT-DIP GALVANIZED SHEETS

(51) International classification :C23C2/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)M. SHOME
2)ARUN KUMAR SINGH
3)NITU RANI

(57) Abstract :
Accordingly, there is provided a method of quantitative measurement of the area of fractions of the dull and bright spangles in galvanized steel sheets for optimizing the processing parameters of the galvanized steel sheets. The method comprises the steps of cutting a full width galvanized sheet from a coil. Firstly, at least two A4-size sample-pieces are cut from two locations of the full width sheet. One piece is cut from 100mm of the edge, and the other one from the center of the sheet. A square section of size 80mm x 80mm is then made on both the A4 size sample sheets. A square grid (~1mm) is produced through a scanner on a transparent A4 size graph paper. The transparent graph paper is laid over the marked area of ~ 80mm x 80mm (80grids x 80grids) in both the sample sheets. The dull spangles are coloured by marking all the small grids covering the dull area. The number of small square grids covering the dull area is counted. The counted number is assigned a value 'X', which represents the dull area. The number of grids covering the bright area 'Y' is then determined by subtracting the dull area 'X' from the total number of grids (6400). The percentage dull area is calculated by dividing the dull area 'X' by the total number of grids (6400) and multiplying by 100. The percentage bright area [Y/(6400X100)] the ratio of dull to bright area (X/Y) is then calculated.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.359/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :20/04/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPRESSOR MEMORY SYSTEM, COMPRESSOR INFORMATION NETWORK, AND WARRANTY ADMINISTRATION METHOD

(51) International classification	:B32B27/04, A61K9/70
(31) Priority Document No	:60/674,781
(32) Priority Date	:26/04/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NAGARAJ JAYANTH
2)ANTHONY LOPEZ

(57) Abstract :
A compressor memory system includes a compressor with a first non-volatile memory connected to a module. The module has a processor and a second non-volatile memory. The first non-volatile memory is associated with the compressor. The module is selectively attached to the compressor and the processor is configured to access the first and second non-volatile memories. A compressor has a non-volatile memory that stores manufacturing data related to the compressor. A compressor information network includes a remote module operable to communicate with a plurality of local modules. Each local module includes a processor and a first non-volatile memory associated with the processor. The processor communicates with the first non-volatile memory and the second nonvolatile memory associated with a compressor. The remote module includes a database of information copied from the second non-volatile memory. A warranty administration method includes providing a warranty for a compressor having a non-volatile memory, receiving a claim under the warranty, examining data stored in the non-volatile memory, and responding to the claim based on the examining.

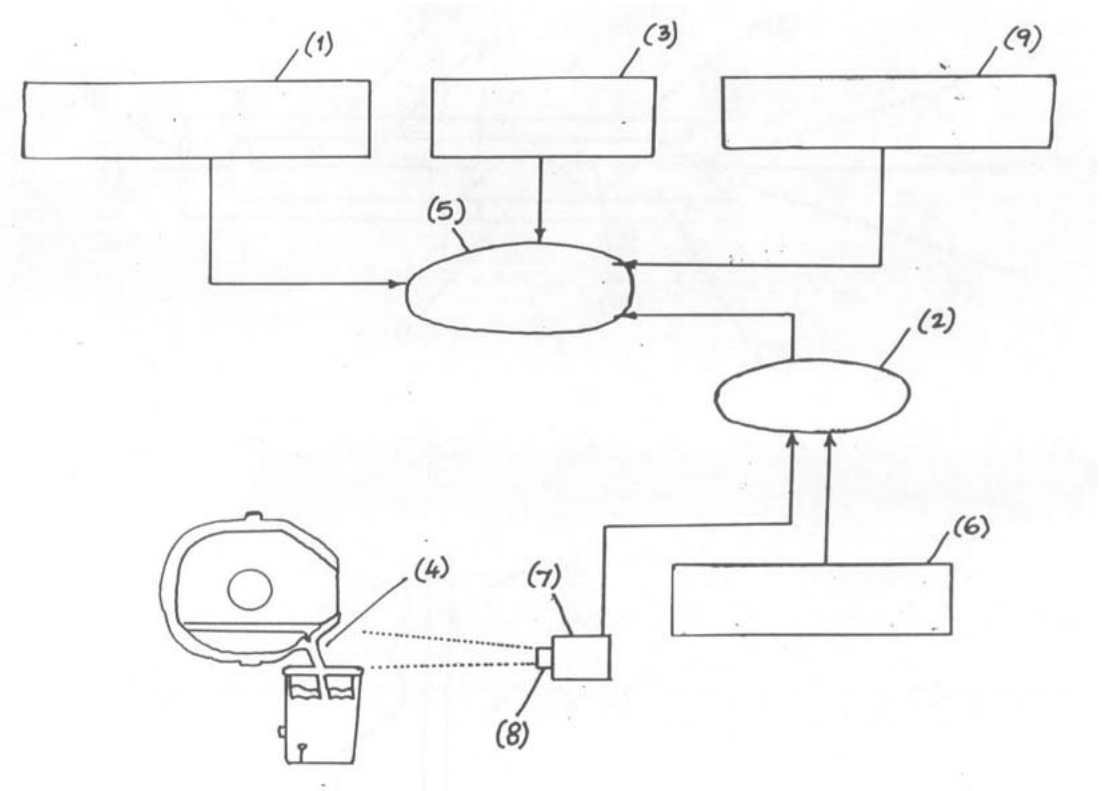
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2006
(21) Application No.480/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LOW COST SLAG DETECTION SYSTEM FOR MEASURING SLAG CARRY OVER TO THE MOLTEN STEEL DURING TAPPING

(51) International classification :B22D2/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)PRABAL PATRA
3)ASHISH TIWARI
4)ANINDYA SARKAR

(57) Abstract :
This invention relates to a low cost slag detection system for measuring slag carry over to the molten steel during tapping comprising a direct vision spectroscope (8) enclosed in a CCD camera (7) by which images from light source (4) are captured and processed through hardware card interface routines consisting of MVTools (9) and ITEX (6), a host PC, the ITEX routine being adopted for accessing the PCVision card (2) functions, the whole system being supported by a software (1) to generate intensity patterns of spectrum generated by the direct vision spectroscope of steel and slag, the classification of intensity distribution for steel and slag being measured through an algorithm MATLAB (3) with set of rules specifying a sequence of actions carried out by the detection system via interfacing with the PC to identify slag phase in the molten steel during tapping. Figure 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2007
(21) Application No.557/KOL/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : UNIQUE HERBAL FOMENTATION DEVICE FOR THE TREATMENT OF DISEASES LIKE SPONDYLOSIS (CERVICAL & LUMBER),SLIP DISC, OSTEO-ARTHRITIS, CRAMPS ETC.

(51) International classification :A61N1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)APURBA GANGULY

(57) Abstract :
UNIQUE HERBAL FOMENTATION DEVICE FOR THE TREATMENT OF DISEASES LIKE SPONDYLOSIS (CERVICAL & LUMBER). SLIP DISC. OSTEO- ARTHRITIS, CRAMPS ETC. Unique herbal fomentation device for the treatment of disease like spondylosis (cervical & lumber), slip disc etc. working by applying slow uniform heating upon the affected portion of the body maximum at the range of 115°F (46°C) is comprising of two parts, one (section - A) is mainly comprising of electromechanical component and the second one (section - B) is full of herbal poultices, wherein the first one (section - A) is comprising of different cloths such as thick buckram cloth(6), two glass cloths(7), two soft mica sheets(8), fine buckram cloth(9) duly stitched (10) by machine and gaps/channels(l 1) between two machine stitches are maintained for the insertion of the prepared coil with china glass tube, wherein the second part (section - B) is comprising of medicated cloth sheet of poultices(17) like herbal raw juices, salts, powders, gums, sands, oils and other compositions. The other aspect of the invention is the process of producing the device.

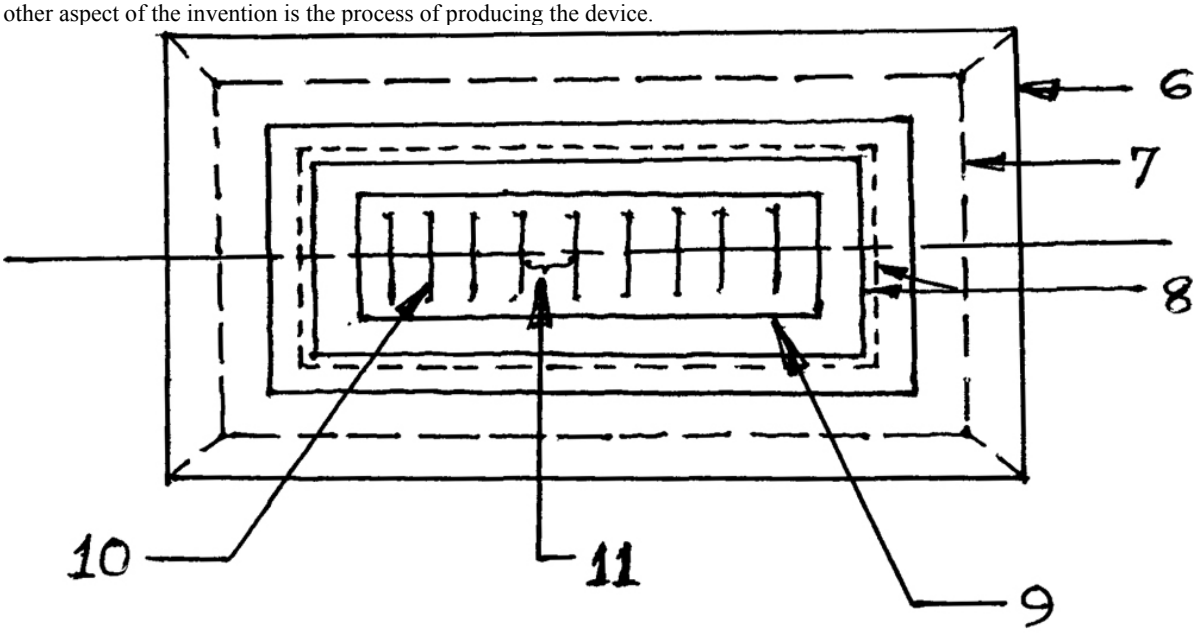


Fig-2

Fig.-2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.568/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :11/04/2007

(43) Publication Date : 27/04/2007

(54) Title of the invention : UNIQUE NATURAL BIO-ENERGETIC HERBAL SOAKED WATER FOR THE TREATMENT OF ASOCIATED SYNDROMES OF GROSS MUSCULOSKELETON AND NEUROLOGICAL DISORDERS SUCH AS ACIDITY , CONSTIPATION, OBESITY ATC. AND PROCESS OF PREPARATION OF THE SAME.

(51) International classification :A61K35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
UNIQUE NATURAL BIO-ENERGETIC HERBAL SOAKED WATER FOR THE TREATMENT OF ASSOCIATED SYNDROMES OF GROSS MUSCULOSKELETON AND NEUROLOGICAL DISORDERS SUCH AS ACIDITY, CONSTIPATION. OBESITY ETC. AND PROCESS OF PREPARATION OF THE SAME. The first aspect of invention is the natural bio-energetic herbal soaked water for the treatment of associated syndromes of gross musculoskeleton and neurological disorders is comprising of different natural resources in a certain % of composition such as seeds, crushed seeds & gums, final mixture of powders of certain - fruits, rhizomes & tubers, roots, leaves & flowers, whole plants and barks & woods. The second aspect of the invention is the process of preparation of the natural bio-energetic herbal soaked water for the treatment of associated syndromes of gross musculoskeleton and neurological disorders is comprising of different stages of operations like drying & cleaning of seeds, drying & cleaning of crushed seeds and gums, preparation of dry powder of fruit, preparation of dry powder of rhizomes & tubers, preparation of dry powder of roots, preparation of powder of leaves & flowers , preparation of dry powder of whole plant, preparation of dry powder of barks & woods and ultimately preparation of final mixed powder and all are in a certain % of composition .

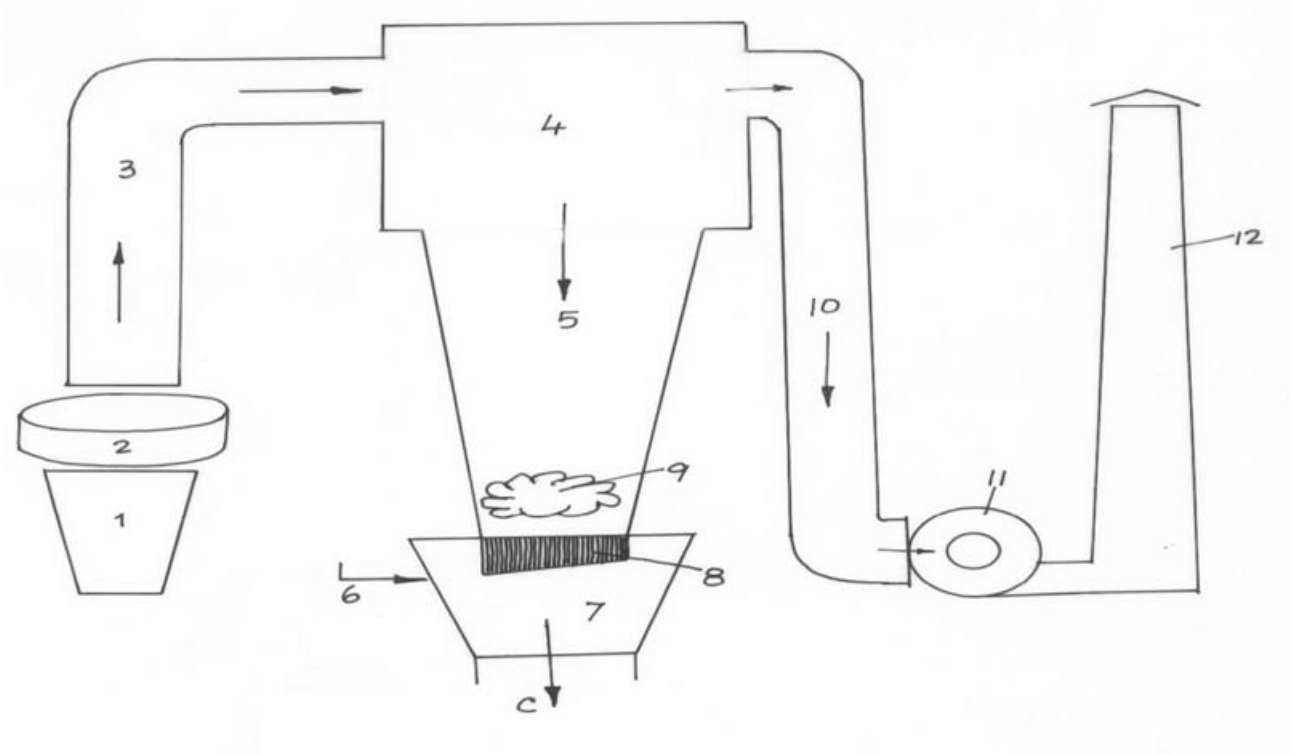
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2006
(21) Application No.616/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MODIFIED FUME EXTRACTION INSTALLATION (FEI)

(51) International classification :B08B15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MR. U.N. SINGH
3)MD. MUKIM
4)MR. M.K. PATI

(57) Abstract :
This invention relates to a modified fume extraction installation to remove dust from fume emitting units of an industrial floor comprising a duct (3) provided to progress fumes extracted from a fume emitting unit via a roof cover (2), a chamber (4) connected with the duct (3) and provided with means to hang plurality of filter bags in which dust particles of the fume emitting unit is filtered and egressed into a rotary feeder duct (5), the dense mass of dust particles (9) formed into the rotary feeder duct is then inegressed into a rotary feeder box (7) through a flap gate (13) adopted in the said rotary feeder box (7), the flue gas separated from the accompanying the dust particles being escaped in the atmosphere through a chimney (12) via a duct (10) through an ID Fan (11) incorporated and coupled between the said duct and chimney. Fig. 2



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2006
(21) Application No.654/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF PRODUCING A HOT ROLLED HIGH STRENGTH DUCTILITY STEEL TO GENERATE ARTICLES AND ARTICLES SO PRODUCED THEROF.

(51) International classification :B21B1/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

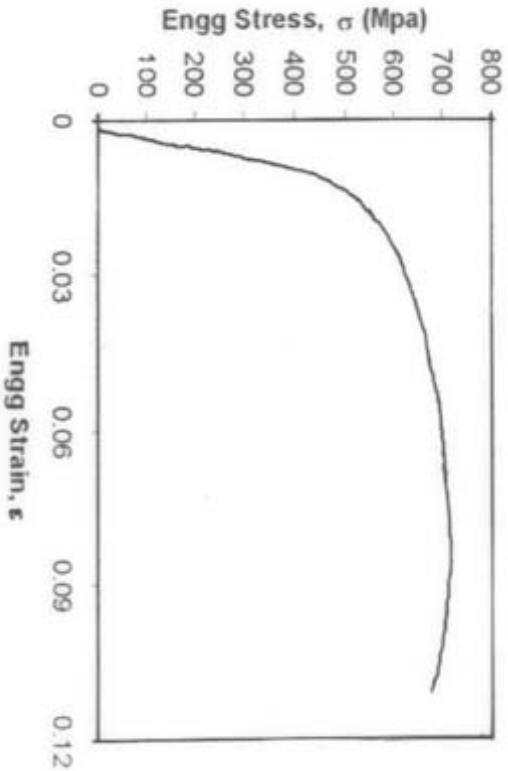
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2)ASHWIN S PANDIT
3)DEBASHISH BHATTACHARJEE
4)N.GOPE
5)A. MURUGAIYAN
6)R.K.RAY

(57) Abstract :
This invention relates to a method of producing a hot rolled high strength ductile steel with low yield to tensile strength ratio to generate articles comprising making a steel slab of compositions in wt% consisting of carbon 0.08 to 0.18, silicon 0.30 to 0.70, manganese 1.00 to 1.70, phosphorus 0.005 to 0.03, sulphur 0.005 to 0.03, nitrogen less than 0.005, aluminium 0.02 to 0.06, chromium 0.05 to 0.15, vanadium 0,05 to 0.15, molybdenum 0.05 to 0.20 and the balance being iron and incidental impurities, the said slab being hot rolled to steel article at finishing roll at a temperature 870°C - 900°C, cooling the artkk at a temperature in the range of 730°C - 780°C, retaining the article at this temperature for a while, cooling the article to 450°C - 520°C at a cooling rate of 30°C to 35°C/sec and coiling the article at the same temperature followed by air cooling to room temperature to result multiphase microstructure consisting of ferrite, bainite and martensite. Fig.2.

Fig. 2



Fig. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2006
(21) Application No.655/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF PRODUCING A HOT ROLLED ADVANCE HIGH STRENGTH DUCTILITY STEEL TO GENERATE ARTICLES AND ARTICLES SO PRODUCED THEROF

(51) International classification :C21D8/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DEBASHISH BHATTACHARJEE
4)N.GOPE

(57) Abstract :
This invention relates to a method of producing a hot rolled advance high strength ductile steel with low yield to tensile strength ratio to generate articles comprising making a steel slab of compositions in wt% consisting of carbon 0.1 to 0.2, silicon 0.30 to 0.70, manganese 1.2 to 1.70, phosphorus 0.005 to 0.02, sulphur 0.005 to 0.02, nitrogen less than 00.005, aluminium 0.02 to 0.06, chromium 0.05 to 0.15, vanadium 0.05 to 0.15, molybdenum 0.05 to 0.20, titanium 0.03 to 0.06, niobium 0.03 to 0.06 and the balance being iron and incidental impurities, the said slab being hot rolled to steel article at finishing roll at a temperature 870°C - 900°C, cooling the article at a temperature in the range of 730°C - 780°C, retaining the article at this temperature for a while, cooling the article to 450°C - 520°C at a cooling rate of 30°C to 35°C/sec and coiling the article at the same temperature followed by air cooling to room temperature to result multiphase microstructure consisting of ferrite,bainite and martensite. Fig:1&2



Fig. 2

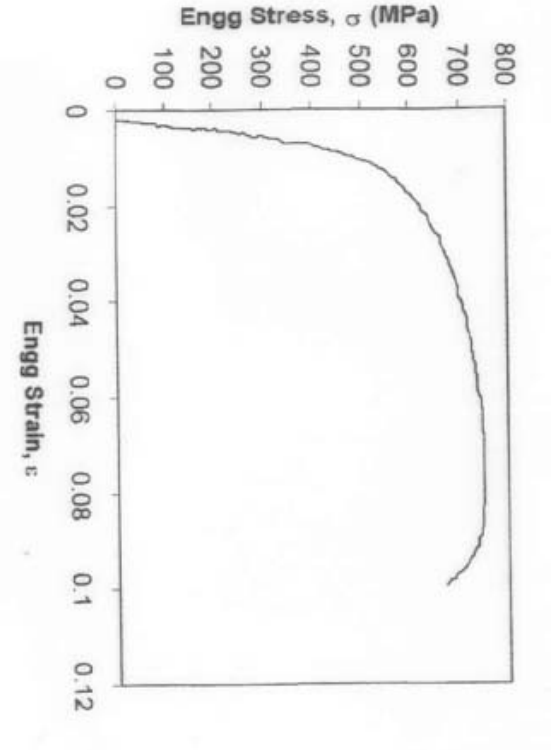


Fig. 1

(12) PATENT APPLICATION PUBLICATION
(21) Application No.749/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :26/07/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : "T" COAT ON GALVANNEALED STEEL SHEET MINIMISE POWDERING DURING PRESS FORMABILITY.

(51) International classification :C09D1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)H K PRADHAN
4)NIKHILESH BANDYOPADHYAY
5)AVTAR SINGH SAINI
6)N RAJESH

(57) Abstract :
Galvannealed steel sheets are fed into a degreasing bath in order to remove oil, dirts etc, from the surface. Then, the "T" Coating solution is applied on the GA sheets surface by spraying or the GA steel sheets are immersed in bath containing "T" Coating solution, Gas steel sheet with "T" Coating adherence are -5- then rubber squeezed and send to chamber for drying at a temperature of 40°C-60°C. The "T" Coated GA sheet thus obtained were characterized with respect to co efficient of friction, powdering resistance, coating uniformity, coating weight and organic molecular net work in the coating. Powdering resistance properties of the "T" coated sheets were evaluated in Double Olsen equipment as per Chrysler procedure LP-461 H-120 (Roell Amsler, BUP-200, Germany installment). It was observed that the powdering index of bare GA and conventional phosphated GA was 2, where as in case of "T" coated, the powdering index was only 17, From quantitative measurement of powdering, ft was found that the treated GA of substrate thickness 0.7 showed 6.2 mg Fe powder compared to untreated GA of same substrate thickness showed 18 mg Fe powder. The coating uniformity, organic molecular net work in the coating were checked through scanning electron microscope (SEM), it was observed that coating was found uniform through out the surface and molecular net work was act as a lubricant for improving coefficient of friction. It was found that coefficient of friction reduced from 2.5 to 0.11 of 0.7 mm substrate thickness of GA samples.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2006

(21) Application No.763/KOL/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVELOPMENT OF COLD ROLLED BATCH ANNEALED BAKE HARDENING STEEL ARTICLE AND A PROCESS OF PREPARING THE SAME FOR AUTOMOBILE APPLICATION

(51) International classification :C21D8/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DR.N.GOPE

(57) Abstract :
This invention relates to a process of producing cold rolled batch annealed bake hardening steel article and a process of preparing the same by comprising an ultra low carbon steel in a LD converter of composition in weight % C - < 0.0035, Mn 0.2-0.6, Al - 65% deformation, the resulted cold rolled coils being annealed in batch annealing furnace with optimum annealing cycle and the annealed coils being given skin pass rolling with deformation > 0.8%, the resulted steel article being characterization evaluated for Bake Hardening through the course of giving a test specimen of the resulted cold roiled steel an elongation of 2%, heating at 170°C for 20 minutes in a furnace and then air cooled and finally calculating for difference between yield stress after baking and flow stress after 2% elongation.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.865/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :25/08/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR PREDICTION OF TEMPERATURE PROFILE OVER LENGTH OF RUN-OUT TABLE.

(51) International classification :H01B9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Sikdar Mukhopadhyay
2)Sudipta Mukhopadhyay
3)Ananya Mukhopadhyay

(57) Abstract :
the main object of the present invention therefore, is to use the surface temperature of the strip to obtain the heat transfer coefficient at the strip-water surface. Another object of the invention is to develop a correlation for heat transfer coefficient at water-strip surface as a function of strip surface temperature. Yet another object of the present invention is to develop an off-line model based on numerical technique for prediction of through-thickness temperature of strip in hot strip mill by predicting the temperature profile along the bed of the runout table. Thus the present invention provides a method for prediction of temperature profile over a length of a run-out table of a hot strip mill, comprising the steps of: formulating an off-line mathematical model using heat conduction equation:

$$\rho c \frac{\partial T}{\partial t} = K \frac{\partial^2 T}{\partial x^2} + q_s \qquad \text{Eqs. (1)}$$

where ρ is density, c is specific heat and K is thermal conductivity; forming a correlation for heat transfer coefficient at water-strip surface based on a single parameter third order polynomial of strip surface temperature; determining the coefficients of said correlation; and using the correlation in the numerical simulation to validate it for different grades of steel. This invention can be applicable to other cases, provided similar parameters are used.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.866/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :25/08/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR PREDICTION OF COILING TEMPERATURE OVER LENGTH OF HOT ROLLED COIL AT RUN-OUT TABLE.

(51) International classification :H01B9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Ananya and Sikdar
3)Sudipta

(57) Abstract :
The main object of this invention is to achieve the predicted coiling temperature from a Level-II on-line model as close as possible to the measured coiling temperature (actual) by the use of an adaptation technique. This and other objects of the invention are achieved by developing an adaptation technique and applying it in the numerical simulation to predict the coiling temperature. The invention is an adjustment made on the mathematical method and the method of its implementation in Level-II model. The invention relates to capturing of online data, process them to obtain the heat transfer coefficient for a particular thickness after use of the adaptation technique and then delivering the prediction of temperature profile of the strip over the length of the coil, with the variation of coiling temperature as small as possible in relation to the measured temperature from the level-2 automation. -6- As the work for the present invention started with the main focus on on-line prediction of the temperature over the length of the run-out table, the emphasis was more on the quick response of the prediction of the coiling temperature with the change of the valve opening or closing for the water banks. The numerical code has been developed with total base on the level-2 automation to record the opening / closing of the valves. With a view to match the measured temperature profile over the length of the coil, an adaptation technique has been evolved to modify the mathematical model so as to obtain a predicted value of temperature close to the predicted one.
Thus the present invention provides a method for the prediction of coiling temperature over the -length of hot rolled coil at a run-out table, comprising the steps of: developing an on-line mathematical model for coiling temperature prediction in run-out table &hot strip mill using transient heat conduction equation:

$$\rho c \frac{\partial T}{\partial t} = k \frac{\partial^2 T}{\partial x^2} + q_s \qquad \text{Eqn. (1)}$$

Where ρ,c and k are density, specific heat and thermal conductivity respectively; developing heat transfer coefficient equations for different thickness of the strip; developing an adaptation technique for adjustment of the heat transfer coefficient for the next sequence using the
Equation:

$$h_{N+1} = h_N + [(T_S)^{Pred} - (T_S)^{Actual}][T \rightarrow h]$$

h_{N+1} ; Heat transfer coefficient for the next sequence. H_N : Heat transfer coefficient for the present sequence. (Ts) pred : Predicted value of strip temperature at the present sequence. (Ts)Actual : Measured coiling temperature at the next sequence. T -> h : The increase in value of h for 1-degree rise in T, strip surface temperature; and coupling said adaptation model with said online model for reducing discrepancy between measured value and predicted value of coiling temperature.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.882/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : SINGLE LANE PORTABLE STEEL BRIDGE OF STANDARD OR EXTRA WIDTH WITH STIFFENED STEEL DECK UNITS.

(51) International classification	:E01D9/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)Somnath Bandyopadhyay

(57) Abstract :Heretofore timber decking was being used in making single lane portable steel bridge, popularly known as Bailey bridge. Such bridges were used and erected by various agencies like Indian Army, Border Security Force, Indo-Tibetan Border Authorities and so on, to name just a few, in remote areas, particularly in hilly terrain strewn with ravines, gorges and swift-flowing rivers. The wooden decks required replacement at regular intervals due to natural decay, wear and tear and pilferage, which posed a financial burden on the authorities for agencies. Moreover, due to the National Policy of preserving forest cover and timber wealth, timber decks are becoming scarce. The foregoing difficulties have been overcome by the present invention which replaces the timber decks by stiffened deck units of predetermined dimensions. According to this invention there is provided a single lane portable steel bridge of standard or extra width with stiffened deck units comprising - (a) panel(l) with panel pin(2) and sway braces(17) ; (b) bracing frame (6) with bracing bolt (9), chord reinforcement (15) with short chord bolt (8), and male/female end post (7) ; (c) transoms(14) equipped with transom clamp(4) & raker(16) ; (d) said transoms in turn carrying stringers which may be plain(3) and/or of button type(5) and (e) base plate(ll) fitted with bearings(10) on which rests the bridge structure, characterized in that the said stringer units carry stiffened steel deck(20), junction stiffened steel deck (19) at one end of the steel deck assembly, the said steel decks (19 and 20) being held in place by means of kerb unit(s) (18). illustrate the subject invention.

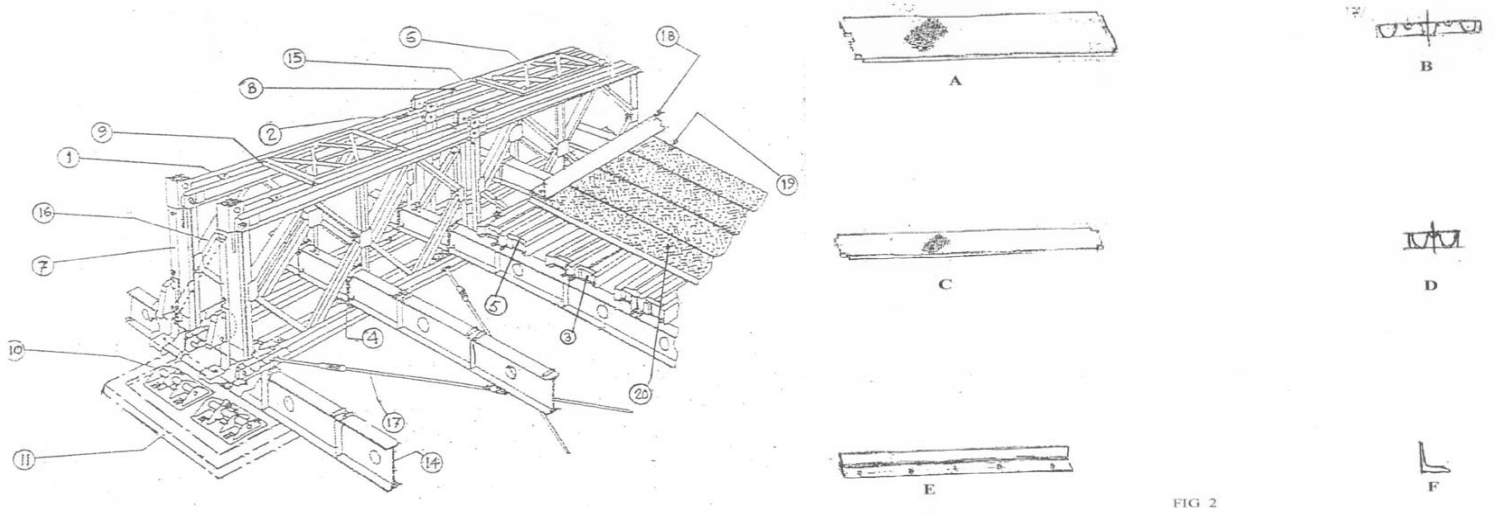


FIG 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2006

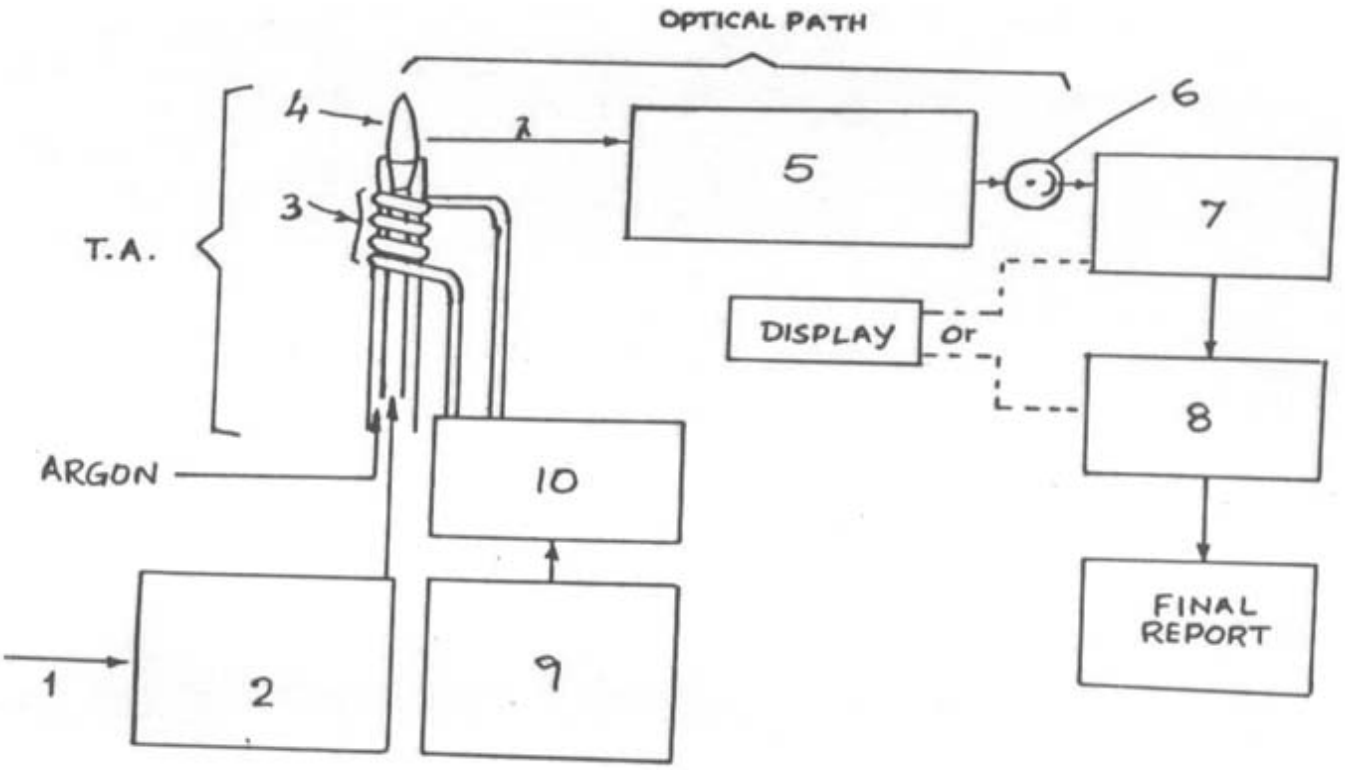
(21) Application No.923/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR ESTIMATION OF CAF2 CONTENT IN A MIXTURE OF CAC2 AND CAF2(DS COMPOUND.)

(51) International classification :C30B11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)P. SRINIVAS
2)A.K. PATHAK

(57) Abstract :
A method of estimation CaF2 content in a mixture of CaC2 and Cap2 (DS compound) through ICPAES procedure comprising the sequential steps of preparing a sample of DS compound by taking a measured amount of DS compound with distilled water and acitic acid and the whole content is boiled and then cooled to room temperature, obtaining a residue on filtration of the solution and igniting the residue and transferring the resulted ash to a beaker wherein dilute nitric acid along with perchloric acid is added, and the beaker is then heated for complete fuming, the resulted thickened mass is cooled and redissolved in dilute Hcl, from the resulted solution a small amount of it is transferred in a volumetric flask along with sodium carbonate and borax, concentrated HNO3 and pure copper solution and the volume is made upto a predetermined volume and measuring the Cap2 content for unknown test solution by measuring the emission spectrum of the sample solutions containing calcium ions by computer processing.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2006

(21) Application No.926/KOL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVELOPMENT OF HIGH STRENGTH (440 MPA)NON MICROALLOYED GALVANNEALED STEEL.

(51) International classification :C23C2/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Mr.Rajiv mishra
3)Mr.Nikhiles Bandyopadhyay
4)Mr.M.C.Sadhu
5)Mr.Avtar Singh Saini
6)Mr.T.Venugopalan

(57) Abstract :
This invention relates to a method of producing a high strength non-microalloyed galvannealed steel strip/sheet comprising the steps of preparing low carbon steel cast slabs of compositions in wt% Carbon 0.07 to .11, Manganese 1.45 to 1.62, Sulphur 0.001 to 0.007, Phosphorus 0.019 to 0.08, Silicon 0.017 to 0.032, Aluminium 0.020 to 0.045 and Nitrogen 20 to 40 ppm, hot rolling the cast slabs at 600 - 650°C to strip/sheet, cold rolling the strip/sheet and processing the strip/sheet through annealing at 700-750°C in a continuous oven in cycles to result fully recrystallised microstructure of the strip/sheet without any grain growth resulted from microalloying.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.956/KOL/2006 A
(19) INDIA
(22) Date of filing of Application :19/09/2006
(43) Publication Date : 27/04/2007

(54) Title of the invention : COVEYOR BELT HOLD BACK SYSTEM

(51) International classification :B66B21/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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(57) Abstract :
Accordingly, there is provided an improved holding device comprising a circular chuck inserted into an off side of an input shaft of the reduction gear box of the conveyor belt unit. The chuck having a plurality of holes to firmly hold a corresponding number of locking pins. The locking pins each are cylindrical in shape having a head hemispherically configured. The rear end of the pin is allowed to rest on the socket and preloaded with a screw on the chuck. The locking pins are additionally provided with a spring in the socket of the chuck such that the locking pin can play to and from perpendicular to the chuck face. The device is having a fixed plate, rigidly fixed with a fastening means to a frame fixed at the bottom. The chuck plate has a plurality of grooves. The groves are configured at different depths such that the locking pins smoothly enter the grooves. The position of the grooves on the fixed plate are located to match the position of the locking pins. The assembly of the chuck and the fixed plate in combination with the locking means together constitutes a locking device which prevents the anti direction movement of the loaded inclined elevated conveyor belt during power failure. The fixed plate has a plurality of undercuts.

Publication After 18 Months :

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS AND METHOD FOR INPUT CONTROL

(51) International classification	:H03M 13/13
(31) Priority Document No	:2003-333489
(32) Priority Date	:25/09/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/013686
Filing Date	:17/09/2004
(87) International Publication No	:WO2005/031982A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

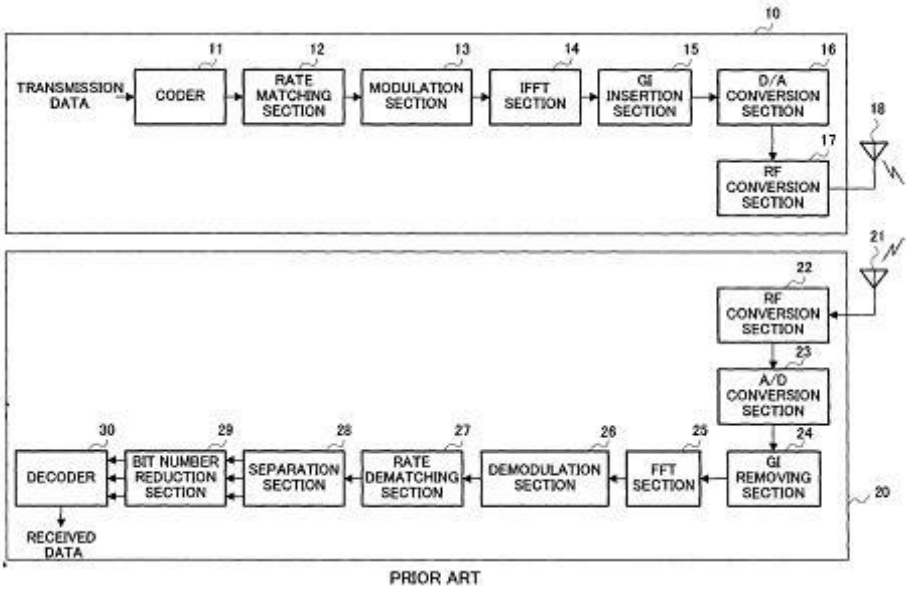
1)Jifeng LI

No of Pages : 20

No of Claims : 6

(57) Abstract :

This invention relates to an input control apparatus capable of suppressing characteristic deterioration, reducing the circuit scale of a turbo decoder and effectively using memory of the turbo decoder. In this apparatus, control section (110) acquires information on a coding rate and coding block length of a received signal, determines the number of bits of systematic part Y1, and parity parts Y2 and Y3 in accordance with the coding rate and/or coding block length and so that the number of bits of one sequence of the parity parts falls below the number of bits of systematic part Y1 and controls bit number reduction section (109) so that the determined number of bits is obtained. Bit number reduction section (109) reduces the number of bits of systematic part Y1, and parity parts Y2 and Y3 output from separation section (108) under the control of control section (110) and decoder (111) performs turbo decoding using each sequence reduced by bit number reduction section (109).



PRIOR ART

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/01/2004

(21) Application No.00003/MUMNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHARMACEUTICAL FORMULATION CONTAINING AN LTB4 ANTAGONIST

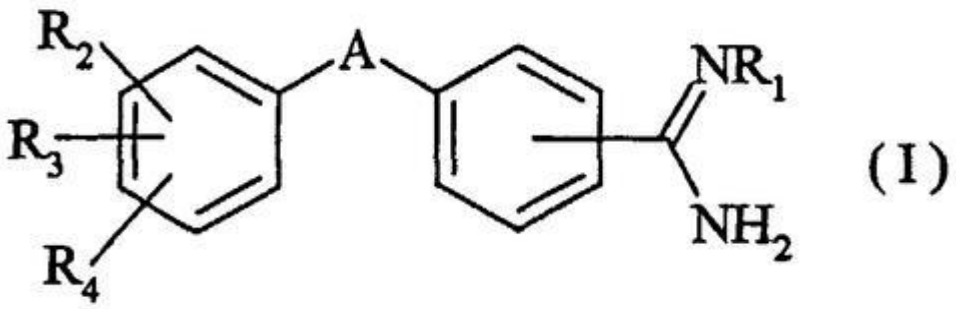
(51) International classification :A61K31/155
(31) Priority Document No :10134377.9
(32) Priority Date :14/07/2001
(33) Name of priority country :Germany
(86) International Application No :PCT/EP02/07618
Filing Date :09/07/2002
(87) International Publication No :WO03/007922A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ROBERT BECKER
3)RENE ROSCHER
4)ACHIM SAUER
5)ULRICH ROTH
6)SIGLINDE MOLL
7)KARL WEBER
8)ANJA KOHLRAUSCH

No of Pages : 25

No of Claims : 19

(57) Abstract :
The invention relates to a novel pharmaceutical formulation containing an LTB4 antagonist of formula (I), wherein A, R1, R2, R3 and R4 have the designation cited in claim 1. The invention also relates to the use of said formulation as a pharmaceutical.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2003
(21) Application No.01098/MUMNP/2003 A
(43) Publication Date : 27/04/2007

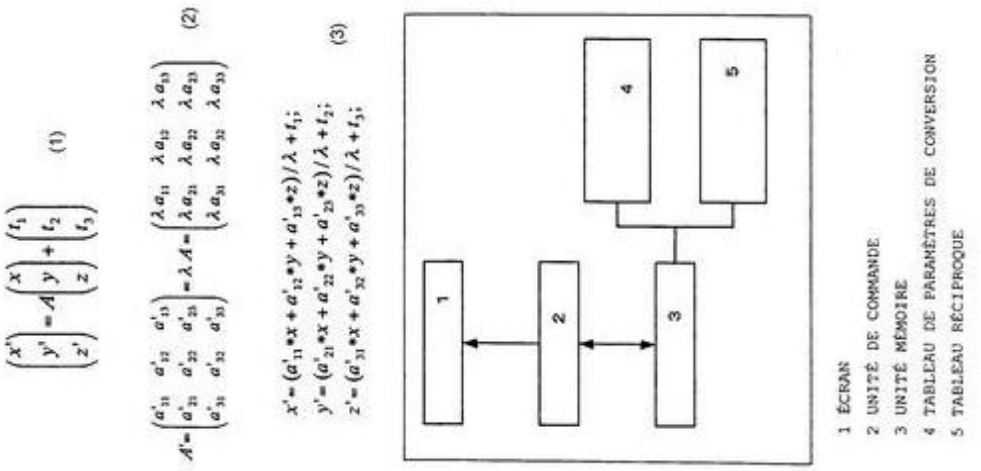
(54) Title of the invention : INFORMATION PROCESSOR

(51) International classification :G06K 9/36 ; G06K 9/80
(31) Priority Document No :2001-187619
(32) Priority Date :21/06/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP02/06157
Filing Date :20/06/2002
(87) International Publication No :WO 03001457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TSUTSUMI JUNYA
3)KAWABATA KAZUO
4)ODA KAZUTOSHI

No of Pages : 58
No of Claims : 3

(57)Abstract:An information processor that carries out an affine transformation expressed by (1), wherein a matrix (2) that is the product of an affine transformation matrix *A* by &lgr; (≠ 0) is stored in a memory unit in advance. When coordinates $(x, y, z)^t$ are transformed to coordinates $(x', y', z')^t$ by affine transformation, A' and a matrix $(t_1, t_2, t_3)^t$ are read from the memory unit, x' = (a'$_{11}$*x + a'$_{12}$*y + a'$_{13}$*z)/&lgr; + t_1; y' = (a'$_{21}$*x + a'$_{22}$*y + a'$_{23}$*z)/&lgr; + t_2; z' = (a'$_{31}$*x + a'$_{32}$*y + a'$_{33}$*z)/&lgr; + t_3; are calculated, and the coordinates $(x', y', z')^t$ are determined.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2001

(21) Application No.1001/MUM/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMPROVED LIQUID CLEANING COMPOSITION

(51) International classification :C04B14/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BARGAJE VIJAYA MILIND
3)DASTIDAR SUDIPTA GHOSH
4)ROBERTS GLYN

No of Pages : 14
No of Claims : 9

(57) Abstract :
The present invention relates to a cleaning composition comprising an immiscible liquid system having at least one liquid-liquid interface with an interfacial tension greater than 5 mN/m. By providing that the pH of the composition is above 7, an improved cleaning efficacy, particularly regarding the removal of tough stains like iron/humic acid stains, is obtained.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.1043/MUMNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SOLIDE ACID CATALYST AND METHOD OF USING SAME

(51) International classification :B01J23/652
(31) Priority Document No :10/824,390
(32) Priority Date :14/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/011659
Filing Date :06/04/2005
(87) International Publication No :WO2005/099896A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)YEH,Chuen,Y.
3)ANGEVINE,Philip,J.

No of Pages : 20
No of Claims : 22

(57) Abstract :
A catalyst composition includes an oxygen compound of an element selected from Group IVB or Group IVA of the Periodic Table of the Elements; an oxygen compound of an element selected from Group VIB or Group VIA of the Periodic Table of the Elements; and at least about 1% by weight based upon total catalyst weight of fumed silica particles. The catalyst composition is advantageously employed in hydrocarbon conversion processes such as isomerization.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2006

(21) Application No.1062/MUMNP/2006 A
(43) Publication Date : 27/04/2007

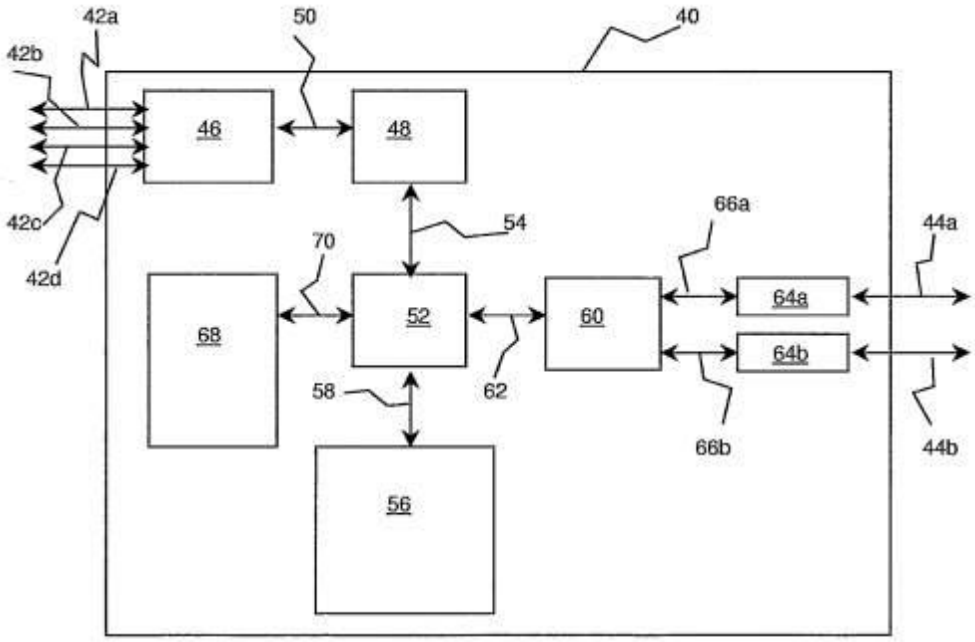
(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO A TELECOMMUNICATIONS NETWORK

(51) International classification	:H04L29/06
(31) Priority Document No	:0405004.3
(32) Priority Date	:05/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/050795
Filing Date	:24/02/2005
(87) International Publication No	:WO2005/091588A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)COOK,Nicholas

No of Pages : 30
No of Claims : 16

(57) Abstract :
A media gateway (40) of a telecommunication network, comprises at least one pulse code modulation connection (42a, 42b, 42c or 42d) coupling the media gateway (40) to a pulse code modulation network, not illustrated, and at least one Ethernet connection (44a or 44b) coupling the media gateway (40) to an Ethernet network, not illustrated. The media gateway (40) further comprises a media streaming unit (52) arranged to determine whether or not incoming signals of either the pulse code modulation network or the Ethernet network relate to media data. Dependent on a positive determination, the media streaming unit (52) is arranged to convert signals that relate to media data from the pulse code modulation network into signals compatible with the Ethernet network and visa versa. Furthermore, dependent on a negative determination, the media streaming unit (52) is arranged to forward signals that relate to non-media data to a gateway core processor (56).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2003
(21) Application No.1081/MUMNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING PAROXETINE HCL WHICH LIMITS FORMATION OF PINK COLORED COMPOUNDS

(51) International classification	:A61K 31/445 ; C07D 405/12
(31) Priority Document No	:60/298,603
(32) Priority Date	:14/06/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/19016
Filing Date	:14/06/2002
(87) International Publication No	:WO 02/102382 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)GIDEON PILARSKI

No of Pages : 22
No of Claims : 53

(57) Abstract :
The present invention provides a process for preparing paroxetine HCl from paroxetine base which provides paroxetine HCl substantially free of pink-colored compounds or an impurity identified by an HPLC RRT of about 1.5. The processes of the present invention utilize a buffer, a molar ratio of HCl to paroxetine base of less than one, and crystallize/recrystallize in the presence of an effective amount of an anti-oxidant. A preferred way to create a buffer is by using ammonium chloride. A preferred anti-oxidant is ascorbic acid. The present invention also provides for re-crystallizing paroxetine HCl prepared by the above methods or any other methods in the presence of an effective amount of an anti-oxidant such as ascorbic acid. A preferred solvent system for recrystallization is a mixture of acetone and methanol. Processes of the present invention can combine these various features.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2004
(21) Application No.1090/MUM/2004 A
(43) Publication Date : 27/04/2007

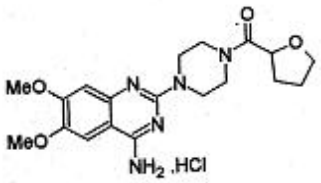
(54) Title of the invention : PROCESS FOR PREPARING ANHYDROUS TERAZOSIN HYDROCHLORIDE

(51) International classification	:C07D405/12 C07D405/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

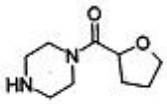
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5)PRAJAPATI KAMLESH K

No of Pages : 14
No of Claims : 4

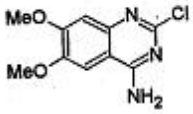
(57) Abstract :
A process for preparing a compounds of the formula IÂ or a pharmaceutically acceptable acid addition salt thereof, which comprises reacting a mono substituted piperazine of the formula IIÂ with an aryl halide containing compound of the formula IIIÂ in aqueous Isopropyl alcohol and refluxing the mixture under conditions that are suitable to effect the coupling of said mono substituted piperazine with said aryl halide containing compound.



Formula-I



Formula-II



Formula-III

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2006

(21) Application No.1097/MUMNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : THREE-DIMENSIONAL DISPLAY USING VARIABLE FOCUSING LENS

(51) International classification :G03B21/00
(31) Priority Document No :10/778,281
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003927
Filing Date :08/02/2005
(87) International Publication No :WO2005/079244A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STEREO DISPLAY, INC.
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2)ANGSTROM,INC
(72)**Name of Inventor :**
1)SEO, Cheong, Soo
2)GIM,Dong,Woo
3)CHO,Gyoung,II
4)BOYD,James,Greenup
5)BAEK,Sang,Hyune

No of Pages : 30
No of Claims : 22

(57) Abstract :
A three-dimensional display device includes a two-dimensional display displaying a first image, and a variable focusing lens receiving light from the two-dimensional display and forming a second image. The variable focusing lens reflects light from the two-dimensional display. The first image includes a predetermined number of first depthwise images that are displayed within a unit time, and the second image includes corresponding second depthwise images. Each depthwise image represents the portion of the first image having the same image depth, and the two-dimensional display displays one depthwise image at a time. The focal length of the variable focusing lens changes according to the depth of the depthwise image being displayed. A micro mirror array lens is used as the variable focusing lens. The micro mirror array lens has enough speed and focusing depth range for realistic three-dimensional display.

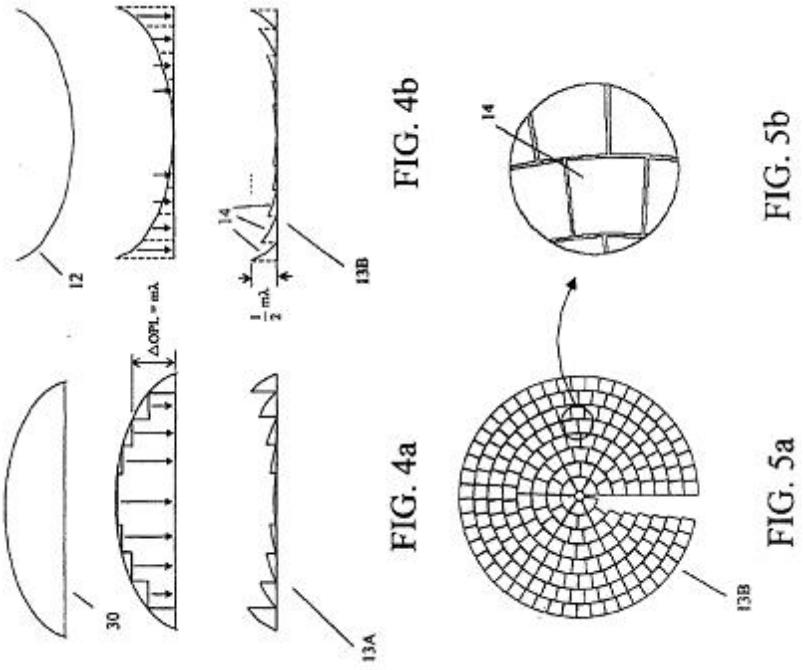


FIG. 4b

FIG. 4a

FIG. 5b

FIG. 5a

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2004

(21) Application No.1105/MUM/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED INDUCTION HARDENING SYSTEM FOR CYLINDRICAL AND STEPPED CYLINDRICAL RODS

(51) International classification :H05B6/02,H05B6/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M/S GABRIEL INDIA LIMITED
Address of Applicant :29TH MILESTONE, PUNE-NASHIK HIGHWAY, VILLAGE KURULI, TAL. KHED, DIST. PUNE - 410 501, Maharashtra India
(72)**Name of Inventor :**
1)RAJENDRA ABHANGE
2)MANOJ MENON
3)VINAI GUPTA
4)RAJESH PAUNIKAR

No of Pages : 19
No of Claims : 9

(57) Abstract :
An improved method and apparatus for induction hardening of a cylindrical and stepped cylindrical rod that utilizes both the inductive heat and resistive heat generation from a heater coil, which is economical, qualitative and productive. Thereby, maximizing the capacity utilization of the component to achieve high production rates. Also, variation in the length of the object does not affect the hardened zone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2005

(21) Application No.112/MUMNP/2005 A
(43) Publication Date : 27/04/2007

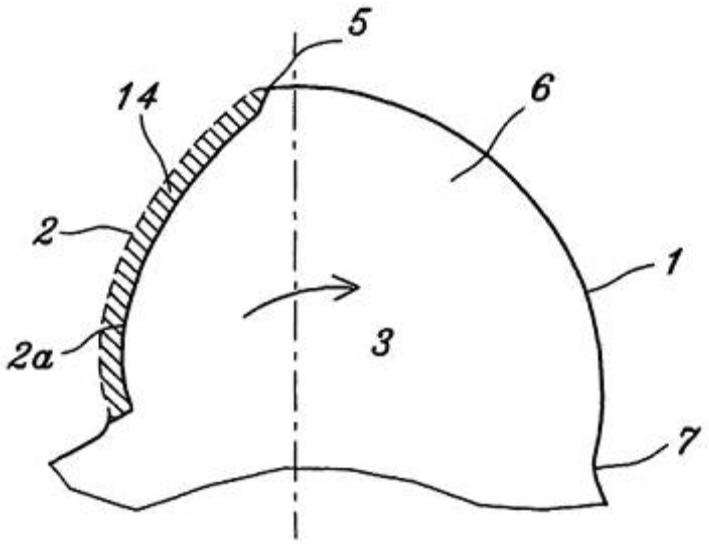
(54) Title of the invention : COMPRESSOR

(51) International classification	:F04C18/16
(31) Priority Document No	:0202413-1
(32) Priority Date	:14/08/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2003/001203
Filing Date	:11/07/2003
(87) International Publication No	:WO2004/016950 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SVENSKA ROTOR MASKINER AB
Address of Applicant :S-104 65 Stockholm Sweden
(72)**Name of Inventor :**
1)SUNDSTROM Mats

No of Pages : 13
No of Claims : 8

(57) Abstract :
The present invention relates to a helical screw rotor compressor comprising a rotor housing (103, 104, 105) that includes a barrel wall (105) between two parallel end walls (103, 104), wherein the rotor housing (103, 104, 105) includes an inlet port (108) at a first end and an outlet port (109) at a second end, and internally has the shape of two parallel and mutually intersecting cylinders. The compressor also includes two rotors (101, 102) which co-act with each other and also with the rotor housing (103, 104, 105), wherein the rotors include a shaft (21; 26) and a rotor body (22, 23) surrounding said shaft, wherein said rotor bodies have parallel end surfaces adjacent the end walls (103, 104) of the rotor housing and wherein said rotor bodies (22, 23) each include mutually separated helical lobes (6) that have a crown (5), a first or leading flank surface (1) on a first side of the crown (5) and a second or trailing flank surface (2) on a second side of the crown (5). The invention is characterized in that the second or trailing flank surfaces (2) of said lobes (6) have a beveled or chamfered region (14) adjacent the second end surface (3) at said outlet end.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2003
(21) Application No.1155/MUM/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTIFACETED OIL BATH FOR METROLOGY

(51) International classification :G05D23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUSHIL MANOHAR SAMVATSAR

No of Pages : 16
No of Claims : 5

(57) Abstract :
This disclosure aims towards design of oil bath used for calibration of temperature sensors, using plane heater immersed in oil, above which is placed a stack of metallic perforated planes, top of which forms an isothermal plane, over which rest tips of temperature sensors under calibration. This arrangement results in isothermal plane and volume with low temperature gradient. Light weight, robust construction and no moving parts make it cost effective and enhance productivity of thermal metrology.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2003
(21) Application No.1159/MUM/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS OF MAKING OIL MIXTURES OF CONJUGATED LINOLEIC ACID BASED AYURVEDIC FORMULATION FOR FILLING SEAMLESS GELATINE CAPSULES AND PRODUCT MADE THEREFROM

(51) International classification :A61K9/48,35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DILIP S DAHANUKAR

No of Pages : 5
No of Claims : 8

(57) Abstract :
The invention relates to "Process of making product oil mixture of Conjugated Linoleic Acid based ayurvedic formulation for filling seamless gelatine capsules and product made therefrom" the process of making seamless gelatine capsules for ayurvedic preparation and formulation for weight reduction of obese patinets. The product ingredients keep the body healthy during the weight loss. The product reduces the weight of the patient while keeping the triglycerides and cholesterol under control, skin in good condition, liver and spleen working well, and contains a tonic for the central nervous system which avoids spasms. The preparation of ayurvedic formulation for weight reduction of obese persons in a manner in which the changes in the body due to weight reduction are without any ill effects and smooth. With Conjugated Linoleic Acid there are a number of research reports confirming the reduction of body fat and increase of muscle mass. There is therefore significant change in the body configuration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2002
(21) Application No.15/MUM/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS MANUFACTURING MULTICOLORED HOOK AND LOOP FASTENER TAPES

(51) International classification :A44B18/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SKAY FINVEST PRIVATE LIMITED
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(72)**Name of Inventor :**
1)SHAILESH SURYAKANT SHAH

No of Pages : 11
No of Claims : 3

(57) Abstract :
The invention relates to a process of manufacturing the multicolored hook fastener tapes, which uses the natural or white or multicoloured warp yarn, the natural or white or multicoloured weft yarn, natural or white or multicolored nylon multifilament pile yarn & natural or white or multicolored catch yarn. In case of the hook tapes, these desired yarns after warping, with the help of weaving are woven on the looms. Further, without dyeing, the fabric from the weaving is coated from the bottom side with the help of resin treatment to get the desired stiffness to the same & to avoid ravelling of yarns. Then the hooks appearing on the hook tapes are cut to have a proper grip on the cushion surface of the loop tapes. Then the hook tapes are slitted into strips of required widths and lastly the normal process of inspection, winding, packing etc. takes place. The invention further relates to a process of manufacturing the multicolored loop fastener tapes, uses the natural or white or multicolored warp yarn, natural or white or multicolored weft yarn, multicolored pile yarn & natural or white catch yarn.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2006

(21) Application No.228/MUMNP/2006 A
(43) Publication Date : 27/04/2007

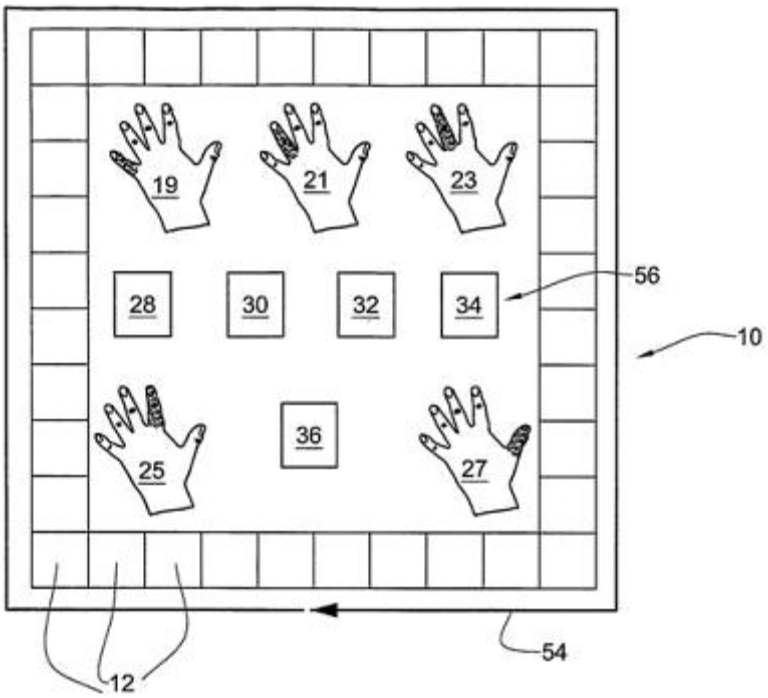
(54) Title of the invention : GAME FOR TWO OR MORE PLAYERS

(51) International classification :A63F3/04
(31) Priority Document No :60/490,935
(32) Priority Date :30/07/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2004/000691
Filing Date :28/07/2004
(87) International Publication No :WO2005/009565A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LESHEM, Hagit
2)AVRAHAMER, Shirley

No of Pages : 26
No of Claims : 28

(57) Abstract :
The present invention relates to a novel game for two or more players. In this game the players advance through a succession of missions that include such in which the player is required to convey a true, real-life emotion or experience related thereto. The player receives a score according to the manner in which the emotions were expressed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2006
(21) Application No.239/MUMNP/2006 A
(43) Publication Date : 27/04/2007

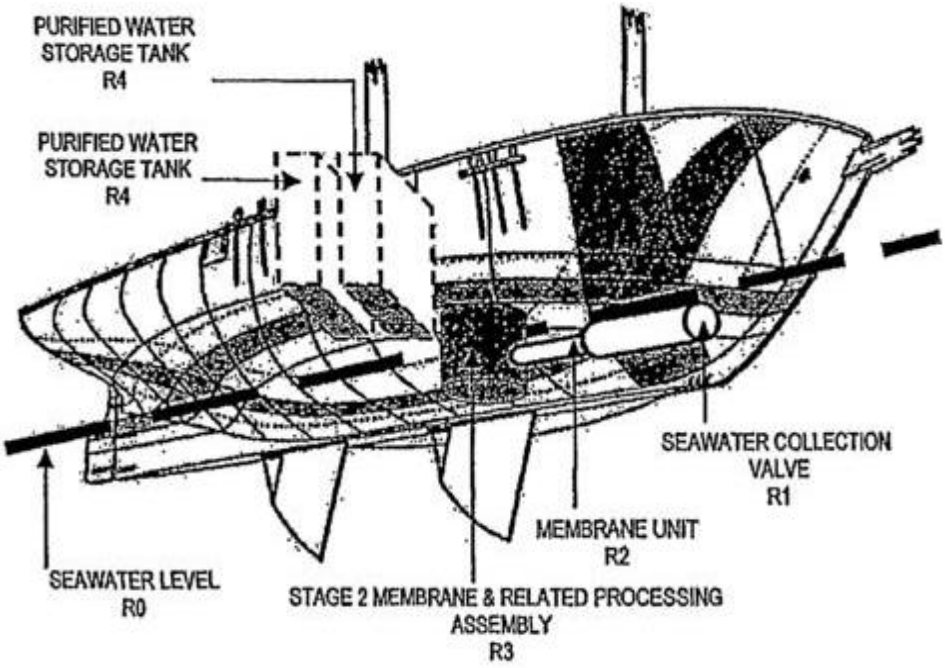
(54) Title of the invention : METHOD AND APPARATUS FOR HULL INTEGRATED SEAWATER REVERSE OSMOSIS SYSTEM

(51) International classification	:B01D61/02 B63J1/00
(31) Priority Document No	:200304231-4
(32) Priority Date	:02/08/2003
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2004/000232
Filing Date	:02/08/2004
(87) International Publication No	:WO 2005/012180 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Gueh, How Kiap

No of Pages : 18
No of Claims : 19

(57) Abstract :
The present invention relates to a method and apparatus for having a integrated fluid media filtration and membrane unit with the hull of a sea-bound vessel. The vesselâ€™s propulsion will drive the flow of seawater into the media filtration and membrane unit. Multiple stages of the passing of seawater via the membrane and/or a series of progressive membrane can be implemented to reduce the level of sodium chloride present in seawater to desirable specifications



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/1999

(21) Application No.269/BOM/1999 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : CONVERTING NATURAL SEA WATER INTO MEDICINAL DRINKING WATER, BY AERATING IT WITH NATURAL AIR

(51) International classification	: C02F1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)R. BALACHANDER

No of Pages : 5

No of Claims : 6

(57) Abstract :
The present invention relates to the Natural Sea Water when aerated with Natural Air converts this Sea Water into a medicinal drinking water, as the natural gases like Oxygen, Nitrogen and others react with the Natural mineral Salts like Calcium, Potassium, Iodine, Sulphates, Phosphates, Chlorides etc. and convert these hard mineral salts into soft mineral salts and make them medicines for various diseases and ailments.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2003

(21) Application No.293/MUMNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SPRAY POLYUREA COATING SYSTEMS

(51) International classification :C08G 18/10
(31) Priority Document No :60/237,303
(32) Priority Date :02/10/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/30886
Filing Date :02/10/2001
(87) International Publication No :WO 02/28935 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAY A JOHNSTON

No of Pages : 14
No of Claims : 25

(57) Abstract :
Spray polyurea systems and methods for making the same are disclosed. The spray polyurea systems are prepared with a prepolymer formed by reacting a low 2,4'-isomer content MDI with an MDI reactive component. This prepolymer is blended with a high 2,4'-isomer content MDI to form a quasi-prepolymer. The quasi-prepolymer is combined with an amine resin to form the spray polyurea systems.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2006

(21) Application No.333/MUMNP/2006 A
(43) Publication Date : 27/04/2007

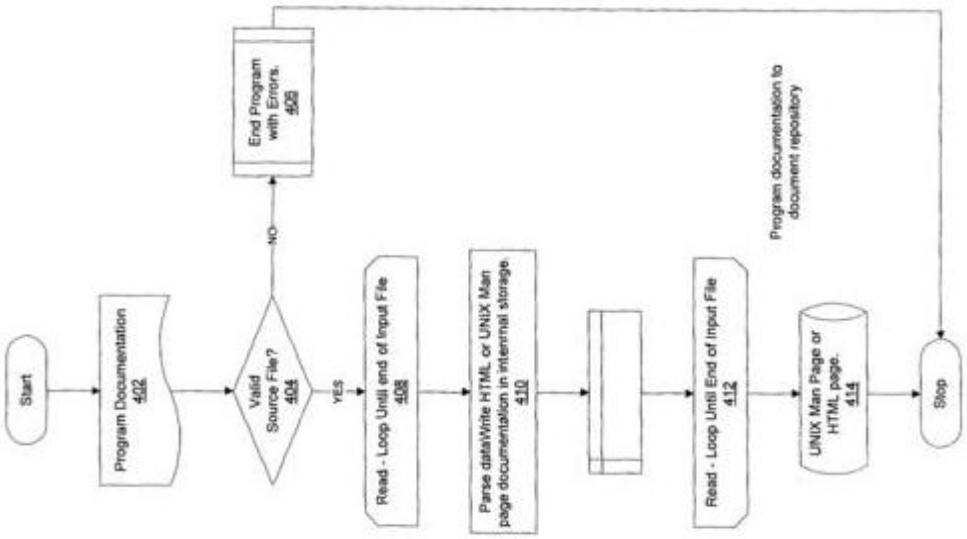
(54) Title of the invention : AUTOMATED SOURCE CODE SOFTWARE PROGRAMMER'S MANUAL GENERATOR

(51) International classification	:G06F 9/44
(31) Priority Document No	:60/503,557
(32) Priority Date	:17/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030425
Filing Date	:17/09/2004
(87) International Publication No	:WO2005/029324A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAMALAKANTHA, Chandra

No of Pages : 27
No of Claims : 20

(57) Abstract :
This invention relates to a method, system, and computer program product for generating a software documentation file from a software source code file is provided. In one embodiment, the source code file for the software is read by the automatic program documentation generation tool. The tool extracts software documentation from the source code file, by for example, locating documentation begin and end indicia within the source code and extracting the data contained within the indicia. The documentation has been previously written into the source code by a software developer, programmer, or engineer. The tool then creates a software documentation file, such as, for eample, a UNIX Man Page or an HTML page, from the extracted software documentation extracted from the source code. The software documentation file is typically stored in a central repository.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2002

(21) Application No.4/MUM/2002 A
(43) Publication Date : 27/04/2007

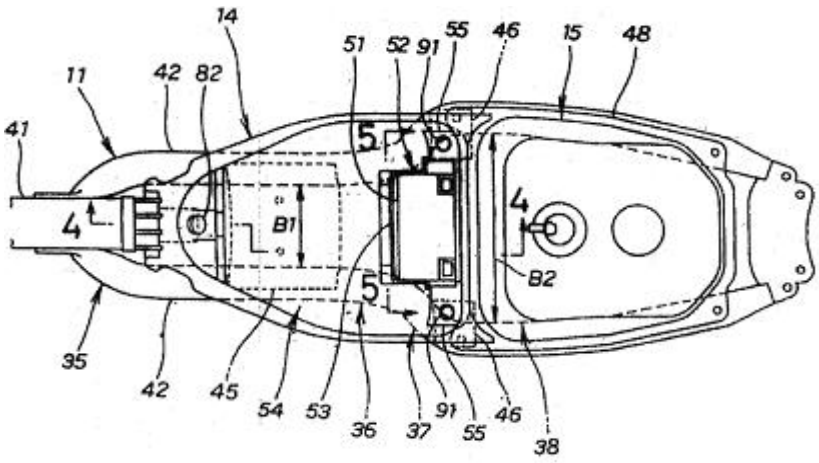
(54) Title of the invention : STRUCTURE OF MOTORCYCLE HOUSING BOX

(51) International classification	:B62J 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TAKEHITO MORIIWA

No of Pages : 34
No of Claims : 6

(57) Abstract :
In the case of such a motorcycle as a business bike having larger wheel diameter than the scooter type, space around the fuel tank in the rear part of the vehicle body is not occupied by the battery, but the fuel tank can be extended in front and in rear, and left and right to secure the tank capacity. Also, since the battery is housed in the rear part of the housing box, the battery can be easily maintained, for example, by opening the seat, which serves as a lid of the housing box, and maintainability of the battery can be improved.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2006

(21) Application No.443/MUMNP/2006 A
(43) Publication Date : 27/04/2007

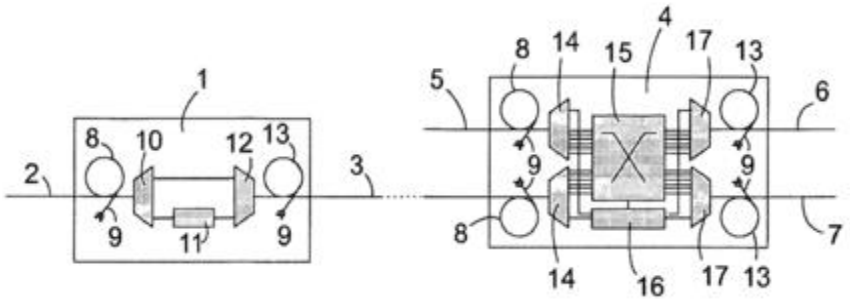
(54) Title of the invention : SUBSTITUTED DIAZABICYCLOALKANE DERIVATIVES AS LIGANDS AT ALPHA 7 NICOTINIC ACETY LCHOLINE RECEPTORS.

(51) International classification :C07D 47/04
(31) Priority Document No :10/666,884
(32) Priority Date :19/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/030735
Filing Date :17/09/2004
(87) International Publication No :WO 2005/028477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BASHA, Anwer
3)BUNNELLE, William
4)DART, Michael
5)GALLAGHER, Megan
6)JI, Jianguo
7)RYTHER. Keith
8)TIETJE, Karin
9)MORTELL, Kathleen
10)NERSESIAN, Diana
11)SCHRIMPF. Michael
12)PACE, Jennifer

No of Pages : 200
No of Claims : 28

(57) Abstract :
Compounds of formula (I) Z-Ar□ -Ar□ wherein Z is a diazabicyclic amine, Ar□ is a 5- or 6-membered aromatic ring, and Ar□ is selected from the group consisting of an unsubstituted or substituted 5- or 6-membered heteroaryl ring; unsubstituted or substituted bicyclic heteroaryl ring; 3,4-(methylenedioxy)phenyl; carbazolyl; tetrahydrocarbazolyl; naphthyl; and phenyl; wherein the phenyl is substituted with 0, 1, 2, or 3 substituents in the meta- or para-positions. The compounds are useful in treating conditions or disorders prevented by or ameliorated by α7 nAChR ligands. Also disclosed are pharmaceutical compositions comprising compounds of formula (I) and methods for using such compounds and compositions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2004
(21) Application No.459/MUM/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING AMORPHOUS FROM OF ROSUVASTATIN CALCIUM

(51) International classification	:C07D239/42 C07D209/18 C07D401/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)RUPAPARA MAHESH L
4)BHIMANI GIRISH H
5)SUTARIYA PRAKASH M
6)AGARWAL VIRENDRA KUMAR

No of Pages : 8
No of Claims : 12

(57) Abstract :
This invention relates to one pot process of manufacturing of amorphous rosuvastatin calcium comprising the steps of (a) hydrolysis of the protected diol, (tertiary-butyl [(4S,6R)-6-((E)-2-{4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]-5-pyrimidinyl }ethenyl)-2,2-dimethyl-1,3-dioxan-4-yl]acetate) with 1.0 N hydrochloric acid in aqueous methanol. (b) conversion of the diol ((E)-7-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl) amino] pyrimidin-5-yl] (3R,5S)-3,5-dihydroxyhept-6-enoic acid) to corresponding sodium salt with suitable base in suitable solvent combination. (c) treatment of the solution of sodium salt with calcium chloride solution to obtain the amorphous from of rosuvastatin calcium salt((E)-7-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl) amino] pyrimidin-5-yl] (3R,5S)-3,5-dihydroxyhept-6-enoic acid calcium salt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.476/MUMNP/2006 A
(43) Publication Date : 27/04/2007

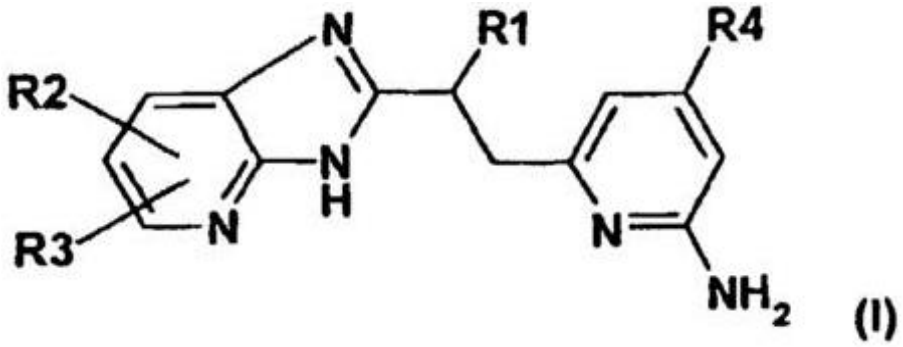
(54) Title of the invention : AMINOPYRIDINE-DERIVATIVES AS INDUCTIBLE NO-SYNTHASE INHIBITORS

(51) International classification :C07D471/04
(31) Priority Document No :03022040.4
(32) Priority Date :01/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/052373
Filing Date :30/09/2004
(87) International Publication No :WO2005/061496A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Rainer Boer
3)Degenhard Marx
4)Wolf-Ruediger Ulrich
5)Manfrid Eltze
6)Ruediger Nave
7)Andreas Strub
8)Ulrich Graedler

No of Pages : 41
No of Claims : 15

(57) Abstract :
The compounds of formula (l) in which R1, R2, R3 and R4 the meanings as given in the description are novel effective iNOS inhibitors.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2001

(21) Application No.477/MUM/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DISPLAYING INDIAN LANGUAGES ON MOBILE PHONES & PDA

(51) International classification	:H04M1/247	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)BORDE DINKAR DURGADAS**
(32) Priority Date	:NA	Address of Applicant :BAKUL NIVAS, OFF. MARUTI MANDIR,
(33) Name of priority country	:NA	SHIVAJINAGAR, NANDED-431602, Maharashtra India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)BORDE DINKAR DURGADAS**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 3

No of Claims : 1

(57) Abstract :
The invention explains the process of displaying indian languages e.g. Devanagari, Hindi, Gujrathi, Marathi, Malyalam, Oriya, Panjabi, Tamil, Telgu, Kanada, Bengali etc The procedure consist of steps like formation of font image of vernacular Indian language then assign it key or code or directly include that font image in wireless protocol so it can be seen as it is on the receiving end like mobile handset or PDA or any wireless device where we Indian language interpretation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.477/MUMNP/2006 A
(43) Publication Date : 27/04/2007

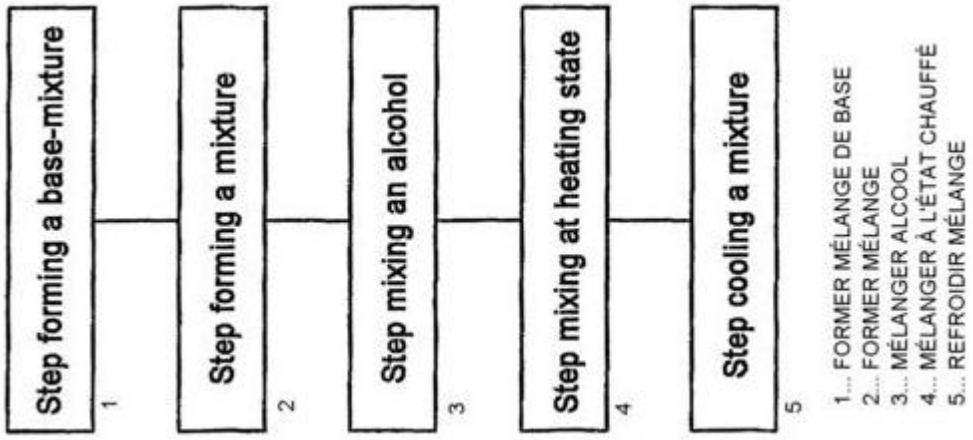
(54) Title of the invention : REMEDY OINTMENT FOR PILES AND THEIR MANUFACTURING METHOD

(51) International classification :A61K 35/60
(31) Priority Document No :10-2003-0074453
(32) Priority Date :23/10/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002680
Filing Date :19/10/2004
(87) International Publication No :WO2005/039608A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Lim, Gap-Man
Address of Applicant :Sunkyung 3cha Apt. 302-1303 Guseo2-dong, Geumjung-gu, Pusan 609-761, Republic of Korea
(72)**Name of Inventor :**
1)Lim, Gap-Man

No of Pages : 12
No of Claims : 6

(57) Abstract :
The present invention relates to a remedy ointment for piles, in which the remedy ointment for piles and their manufacturing method are technical gist of comprising following steps; forming a base-mixture which t consist of collecting an spawn of a swellfish and a starfish and powdering the same; forming a mixture which is obtained by mixing the powder of a starfish and a swellfish spawn obtained by the above step with a mixture of banana, salt, and water; mixing an alcohol in the a vessel contained the mixture formed by the above step; mixing at heating state which consist of heating the vessel filled with the alcohol-mixture obtained by the above step, firing the alcohol in the vessel by indirect transmission of heat and remixing at the fired state; and, cooling the mixture at the normal temperature by natural cooling. According to the present invention, the above remedy ointment for piles has an advantage that it can be easily prepared and is simultaneously convenient to use and easy to store because of preparation in the form of ointment-type, and has prominent effect in treatment of piles.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2001

(21) Application No.502/MUM/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED BUFFET DISHES WITH REGULATING MEANS

(51) International classification :B65D25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUKESH JAYANTILAL PADHYA

No of Pages : 11
No of Claims : 1

(57) Abstract :
An improved buffet dishes warmer warner with regulating means comprising a burner (1) positioned over regulating means (2) for gas flow by spring (3) & ball (4) system provided in the small bore (5) in the brass pin (6) over the safety valve pin (7); said stainless steel spring (3) with suitable no. of turns and stainless steel ball (4) regulates the gas. DMC knob of particular shape is designed to give grip, safety, heat resistance and better look as well used as spanner for tightening & opening the burner by screwing means, the said burner is attached on the jet holder (9) through a needle valve (10) and mild steel pipe connection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2006
(21) Application No.535/MUMNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOE CHARACTERIZING TACTILE PERCEPTION

(51) International classification :A61B 5/103
(31) Priority Document No :10/712490
(32) Priority Date :13/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/012751
Filing Date :08/11/2004
(87) International Publication No :WO2005/046474A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DUSSAUD Anne
2)DING Junqi
3)LIPS Alexander

No of Pages : 36
No of Claims : 16

(57) Abstract :
An acoustic emission system for objectively measuring tactile skin attributes and methods of using same are provided. The system includes: a means for generating an acoustic emission signal from skin; a means for collecting, storing and displaying said emission signal; and a means for correlating said emission signal with an attribute of said skin. The system is used as a clinical tool to evaluate efficacy of cosmetic skin care and/or cleansing products. A cosmetic product selection system is also provided which includes a cosmetic composition for reducing the appearance of undesirable skin attributes and an acoustic emission system associated with the composition. A method for assessing tactile skin attributes using an acoustic emission system, as well as of evaluating progress of the combat against the signs of undesirable skin attributes occurring over a period of time within which the composition is applied to an area of skin being monitored are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2003
(21) Application No.599/MUMNP/2003 A
(43) Publication Date : 27/04/2007

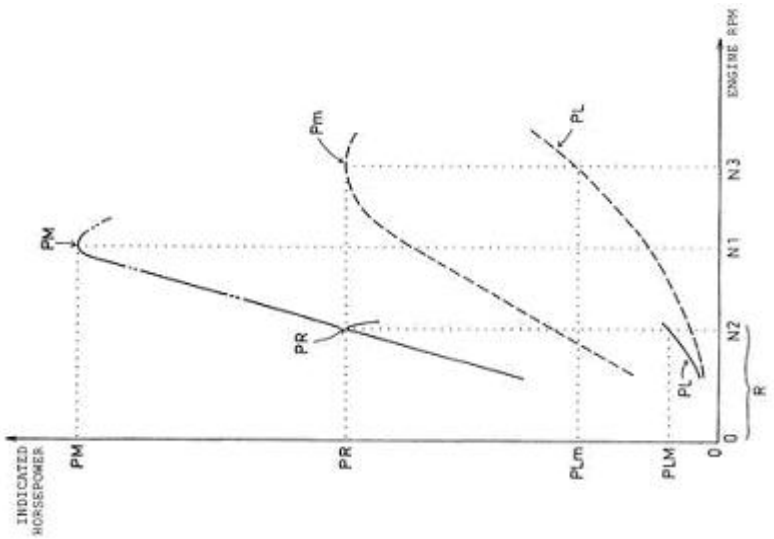
(54) Title of the invention : INTERNAL COMBUSTION ENGINE OF NATURAL ASPIRATION SYSTEM FOR VEHICLE

(51) International classification :F02D41/04
(31) Priority Document No :2001-011371
(32) Priority Date :19/01/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/10114
Filing Date :20/11/2001
(87) International Publication No :WO 02/057610 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)MASATOSHI SUZUKI

No of Pages : 33
No of Claims : 3

(57) Abstract :
A spontaneous intake type internal combustion engine for vehicles having an operating zone ranging from a no load zone to high load rotation zone, wherein operating the engine on the basis of Miller cycle in the entire operating zone including the high load rotation zone further improves fuel consumption rate, improves productivity of internal combustion engines by a simple construction, and suppresses increase in cost and weight of internal combustion engines. A spontaneous intake type internal combustion engine (E) for vehicles comprises a cylinder (2) having a piston (8) reciprocably fitted therein, and an intake valve (35) and an exhaust valve (36) which are opened and closed with a given opening/closing period over the entire operating zone ranging from no load zone to high load rotation zone. The valve closing time for the intake valve (35) is set at a predetermined valve closing time which is before the arrival at the lower dead point or after the arrival at the lower dead point when the intake inside the cylinder (2) flows back to the upstream side of the intake valve (35). Further, the piston displacement of the internal combustion engine (E) is set at a predetermined piston displacement with which the maximum necessary indicated horsepower of the internal combustion engine (E) is obtained in an operation in which the intake valve (35) is closed at the predetermined valve closing time in the high load rotation zone.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2006
(21) Application No.601/MUMNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BASE COMPOSTION FOR COSMETIC PRODUCTS

(51) International classification :A61K7/00
(31) Priority Document No :03257648.0
(32) Priority Date :04/12/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/013225
Filing Date :19/11/2004
(87) International Publication No :WO2005/053622A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHU Shiping

No of Pages : 17
No of Claims : 12

(57) Abstract :
A cosmetic composition comprising (i) less than 10 wt% water, (ii) fatty acid, (iii) a structuring agent selected from the group comprising glycerine monostearate and glycol monostearate or a combination thereof, and (iv) at least 2 wt% neutralised fatty acid is a suitable base composition for forming a cosmetic product on hydration, such as a cream or lotion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2006
(21) Application No.627/MUMNP/2006 A
(43) Publication Date : 27/04/2007

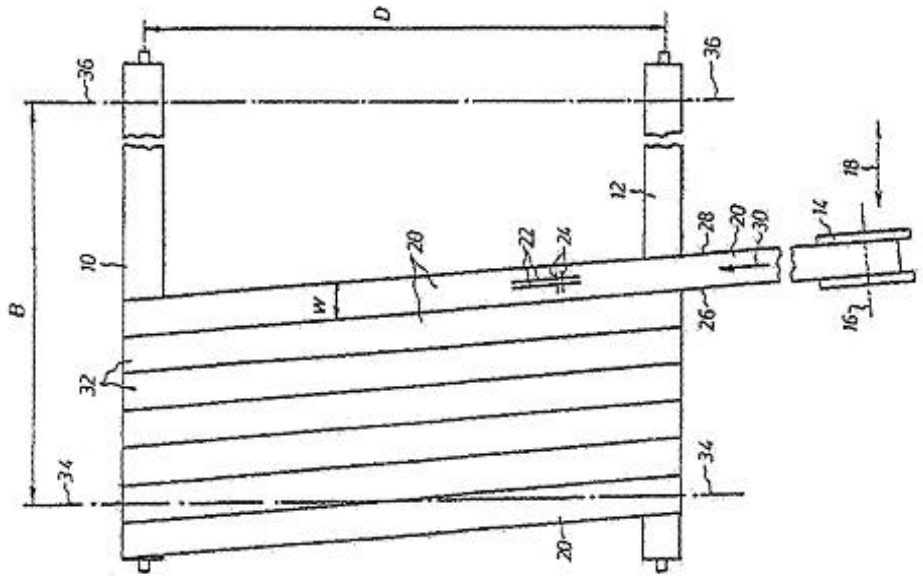
(54) Title of the invention : METHOD AND APPARATUS FOR FORMING A SEAM IN A PAPERMAKER'S FABRIC AND SEAMED PAPERMAKER'S FABRIC

(51) International classification :D21F1/00
(31) Priority Document No :10/732,117
(32) Priority Date :10/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/040763
Filing Date :06/12/2004
(87) International Publication No :WO2005/061784A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LASKORSKI, VICTOR P.

No of Pages : 31
No of Claims : 26

(57) Abstract :
A papermaker's fabric and a method of forming a papermaker's fabric, for installation in a papermaking machine. The papermaker's fabric having a plurality of cross-machine, a plurality of machine directional yarns, and a plurality of heat shrunk joints connecting ends of either the machine directional yarns or the cross machine directional yarns to form and continuous loop of fabric. The papermaker's fabric is formed by providing a fixture for securing a plurality of heat shrink tubing sections. Two or more corresponding yarns of the papermaker's fabric are inserted into each of the heat shrink tubing sections and heat is applied to the heat shrink tubing. Upon application of the heat the heat shrink tubing reduces its size to form a tight joint between two yarns inserted therein.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2001
(21) Application No.693/MUM/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING BASIC ORGANIC NITROGEN-CONTAINING COMPOUNDS BY REDUCTION WITH LITHIUM ALUMINIUM HYDRIDE

(51) International classification :C25D3/48
(31) Priority Document No :10037408.5
(32) Priority Date :01/08/2000
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HEINZ-GERD HARTGES

No of Pages : 18
No of Claims : 11

(57) Abstract :
The present invention relates to a process for preparing basic organic nitrogen-containing compounds are obtained in a particularly advantageous manner by reduction with lithium aluminium hydride if the mixture which is present after the reduction is hydrolyzed by adding it to an aqueous solution which contains dissolved substances containing α-hydroxycarboxyl and/or α-aminocarboxyl groups and the two resulting phases are separated at pH of aqueous phase from 7 to 12.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2003

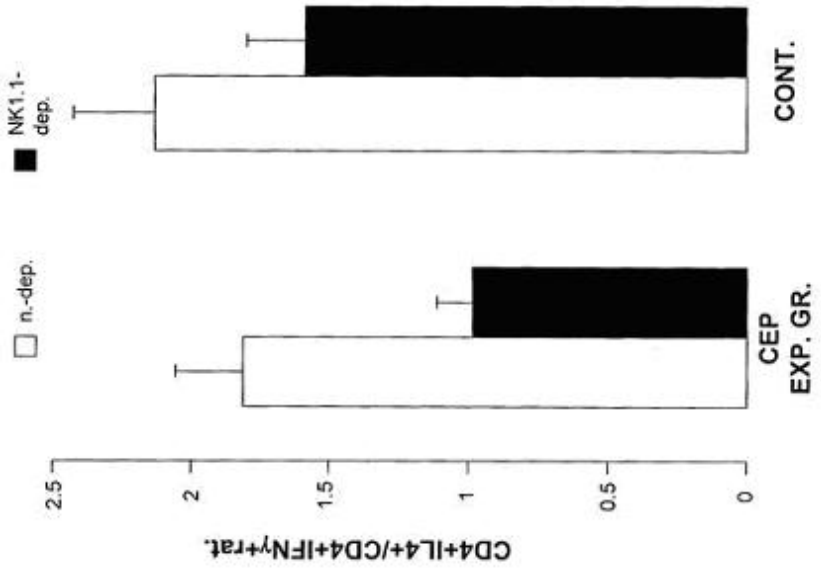
(21) Application No.717/MUMNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : EDUCATED NK T CELLS AND THEIR USES IN THE TREATMENT OF IMMUNE-RELATED DISORDERS

(51) International classification	:C12N 5/00	(71)**Name of Applicant :**
(31) Priority Document No	:140537	**1)HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT CO. LTD.**
(32) Priority Date	:25/12/2000	Address of Applicant :P. O. BOX 12000, 91120 JERUSALEM, Israel
(33) Name of priority country	:Israel	(72)**Name of Inventor :**
(86) International Application No Filing Date	:PCT/IL01/01197 :24/12/2001	**1)ILAN, YARON**
(87) International Publication No	:WO 02/051986 A2	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

No of Pages : 111
No of Claims : 102

(57) Abstract :
The present invention relates to a method for the treatment of immune-related disorders in a mammalian subject in need of such treatment. This method comprises the step of manipulating the NK T cell population in said subject by suitable means, said manipulation of the NK T cell population resulting in modulation of the Th1/Th2 balance toward anti-inflammatory cytokine producing cells. Manipulation of the NK T cell population may be performed either by depletion of said cells by a suitable means or alternatively by ex vivo education of the NK T cells, such that the educated NK T cells have the capability to modulate the Th1/Th2 balance toward anti-inflammatory cytokine producing cells. The invention further relates to pharmaceutical compositions for the treatment of immune-related disorders in a mammalian subject. These compositions comprising as an effective ingredient an ex vivo educated NK T cell. The invention further provides for an ex vivo educated NK T cell and uses thereof in the treatment of immune-related disorders.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2004

(21) Application No.758/MUM/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR MANUFACTURING AMORPHOUS ATORVASTATIN CALCIUM

(51) International classification	:C07D207/34	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)CADILA HEALTHCARE LIMITED**
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWERS, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, Gujarat India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)VAKIL MANISH H**
Filing Date	:NA	**2)PUROHIT PARVA Y**
(87) International Publication No	: NA	**3)SHARMA RAJIV KUMAR**
(61) Patent of Addition to Application Number	:NA	**4)AGARWAL VIRENDRA KUMAR**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22
No of Claims : 8

(57) Abstract :
The present invention relates to convenient preparation of amorphous atorvastatin calcium by spray drying the solution of atorvastatin calciumin comprising hydroxylic solvent system or the other solvent system that has got higher evaporation rate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2003
(21) Application No.786/MUM/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ANTIGEN SUSPENSION AND DIAGNOSTIC KIT FOR DIAGNOSIS TUBERCULOSIS

(51) International classification	:G01N33/00 G01N33/53
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:869/BOM/1999
Filed on	:29/11/1999

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2)TIWARI, R. P.
3)KANAUJIA, G. V.

No of Pages : 29
No of Claims : 11

(57) Abstract :
An antigen suspension comprising an antigen obtained by the steps of incubating a portion of M. tuberculosis wild strain growth in Sauton's medium at 32 to 40 ºC preferably 37 ºC for 30 to 45 day till late log phase; collecting and dissolving the pellets there from in a solvent; inactivating the bacteria at 75 ºC º to 85º C preferably 80º C for a period of 30 to 60 minutes followed by sonication for the period of 1 to 2 hrs; lyophilising the sonicated extract to free it of moisture; extracting the sonicated material with an extracting solvent and filtering followed by deprotinisation of the filtrate; separating, washing, filtering from the suspension a lower organic phase and removing the solvent from filtrate to yield dry lipid extract; removing the neutral lipids from said dried mixture followed by filtration until the lipids become whitish or colourless followed by filtration, purifying the lipids thus obtained to provide the antigen; phosphatidylcholine solution prepared as per conventional procedure and cholesterol and dye dissolved in alcohol for use in the manufacture of the test reagent for tuberculosis diagnosis. A kit for diagnosis of tuberculosis using the test reagent formed from the antigen suspension.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2003
(21) Application No.809/MUM/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF IMPROVING PARTICULATE MIXING AND HEAT TRANSFER IN TUMBLING MIXERS AND ROTARY KILNS

(51) International classification :F27B007/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 10

(57) Abstract :
This invention relates to enhancement of mixing and heat transfer efficiency of particulates in tumbling mixers and rotary kilns, including rotary drums, V-blenders, rotary driers, bin blenders and double cone blenders operating as batch or continuous flow systems. The height of impeller is typically less than 10% of the depth of the bed material and the impeller is submerged in the flowing surface layer and thereby requires low torque. The impeller is found to substantially eliminate segregation and results in significant increase in the rate of mixing leading to improved heat transfer in kilns, faster blending in mixers and an improved homogeneous product. Best results are obtained for a reverse 'S shaped' impeller in shaft-impeller system rotated in the same direction as the tumbler. The design parameters and the position of the impeller, tumbler operating speeds, etc have been disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006

(21) Application No.812/MUMNP/2006 A
(43) Publication Date : 27/04/2007

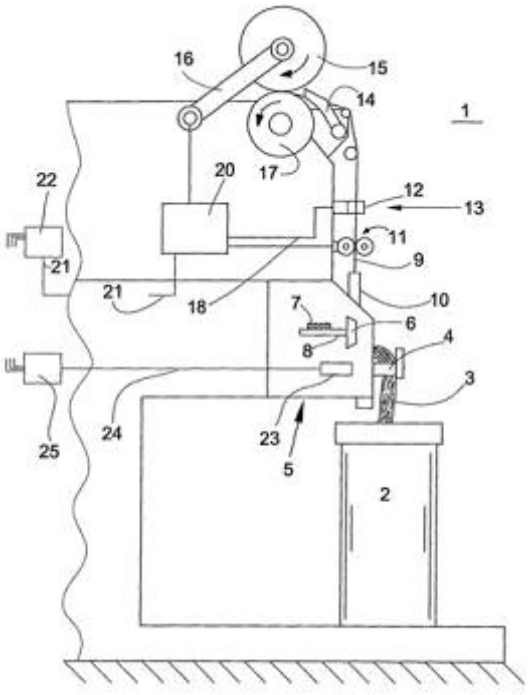
(54) Title of the invention : METHOD FOR THE PRODUCTION OF A FANCY YARN

(51) International classification	:D02G3/34 D01H13/32
(31) Priority Document No	:102004003032.4
(32) Priority Date	:21/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/014782
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/071150
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)HAASE,CHRISTOPH
4)BIRLEM,OLAV
5)BIERMANN,IRIS

No of Pages : 23
No of Claims : 13

(57) Abstract :
The invention relates to a method which improves the correspondence between the produced fancy yarn and the predetermined configuration of said fancy yarn. According to the inventive method, the fancy yarn is guided through a sensor device in a spinning device after it is formed and the diameter of the fancy yarn is continuously measured by the sensor device. The fancy configuration of the produced yarn is determined on the basis of the measured values of the diameter and is compared with the predetermined fancy configuration. The comparison is carried out until sufficient correspondence between the predetermined fancy configuration and the fancy configuration of the optimized, produced yarn is achieved.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2003
(21) Application No.832/MUM/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL PROCESS FOR DEVELOPMENT OF SOLID DOSAGE OF GHRITA FORMULATIONS

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WADODKAR, SUDHIR GANESH
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5)MEGHRE, VIJAYA SHRIDHAR
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3)WADODKAR, SUDHIR GANESH
4)BARABDE, UMESH V.
5)MEGHRE, VIJAYA SHRIDHAR

No of Pages : 11
No of Claims : 31

(57) Abstract :
A process for development of solid dosage forms of ghrita formulations using high melting point, inert and pharmaceutically accepted waxes is disclosed. The high melting point waxy substances can be cetyl alcohol, cetosteryl alcohol or hydrogenated fixed oils. The solid dosage forms may be tablets, pellets, or microspheres.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2006

(21) Application No.833/MUMNP/2006 A
(43) Publication Date : 27/04/2007

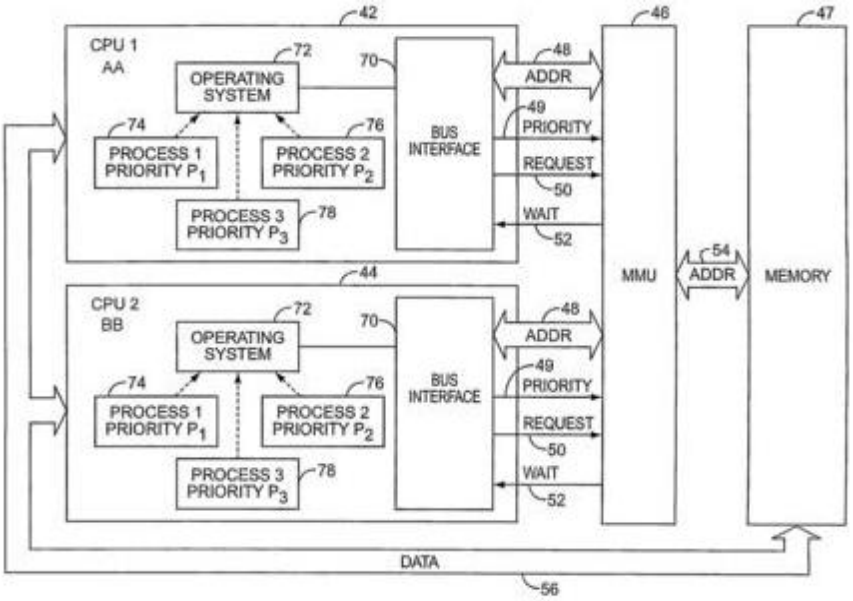
(54) Title of the invention : MULTIPROCESSOR MOBILE TERMINAL WITH SHARED MEMORY ARBITRATION

(51) International classification :G06F13/18
(31) Priority Document No :60/533,158
(32) Priority Date :30/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/020139
Filing Date :24/06/2004
(87) International Publication No :WO2005/069151A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY ERICSSON MOBILE COMMUNICATIONS AB
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(72)**Name of Inventor :**
1)HOMILLER Daniel P.
2)PANTALONE Brett A.

No of Pages : 20
No of Claims : 19

(57) Abstract :
In a mobile terminal (10) including at least two CPUs (42, 44) and a shared memory resource (47), a CPU executing real-time code has priority access to the memory (47) over a CPU executing non-real-time code. In one embodiment, real-time code and non-real-time code are located in separate regions of logical memory, and a memory management unit (46) between the CPUs (42, 44) and the shared memory resource (47) partially decodes the address of a memory access request, granting higher priority access to the CPU executing real-time code. In another embodiment, each CPU (42, 44) provides a priority signal (49) upon requesting access to the shared memory resource (47), and access is granted according to the requested priorities.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2004
(21) Application No.874/MUM/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PARA-ETHYL PHENOL

(51) International classification	:C07C37/86 C07C339/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:946/MUM/1999
Filed on	:23/12/1999

(71)**Name of Applicant :**
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1)DAS JAGANNATH
2)HALGERI ANAND BHIMARAO

No of Pages : 23
No of Claims : 13

(57) Abstract :
The present invention relates to a process for the manufacture of an improved gallo-aluminoslicate zeolite catalyst. The process comprises forming an aqueous gel of a compound of aluminium and gallium, an alkali or alkaline earth metal, a compound of silicon and an alkylammonium cation, subjecting such gel to a temperature in the range of 110 to 180Â°C, and a pressure at least equal to a water vapour pressure, separating crystalline galloaluminosilicate from the mother liquor and washing it thoroughly to obtain said improved catalyst. The present invention also relates to a single step process for the alkylation of phenol to para-alkylphenol using the novel catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2001

(21) Application No.938/MUM/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED THREE PIN SOCKET

(51) International classification :H01R13/652
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAXMAN JETHANAND MAKHIJA

No of Pages : 9
No of Claims : 3

(57) Abstract :
An improved three pin socket comprising a bottom member of box type construction made from mouldable material preferably urea connected with contacts in triangle characterise in that both base contacts made from mettalic strips are having pressed into figure 8 so as to contact the plug members of 1.6 Amp. and 6 Amp. plugs where the topmost central contact is common for both types of plug members; said base member is covered by a mouldable urea cover pease having matching holes with different colour/mono colour with or without flap members, with fixing means at top and bottom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2004
(21) Application No.945/MUM/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF CLOPIDOGREL BISULFATE POLYMORPH - FORM I

(51) International classification	:C07D495/04 C07D495/00 A01K31/4793
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)SATHE DHANANJAY GOVIND
3)SAWANT KAMLESH DIGAMBAR

No of Pages : 9
No of Claims : 8

(57) Abstract :
The present invention discloses a process for making Clopidogrel Bisulfate Form I which comprises dissolving Clopidogrel Bisulfate Form II in a solublizing solvent at room tempreature to form a solution; adding an anti-solvent to the said solution till turbid; stirring the said turbid solution; collecting the precipitated solid and drying the final solid product, form I..

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2004
(21) Application No.961/MUM/2004 A
(43) Publication Date : 27/04/2007

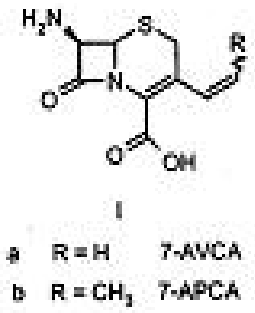
(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF 7-AMINO-3-ALKENYL-3-CEPHEM-4-CARBOXYLIC ACID COMPOUNDS

(51) International classification :C07D265/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)CHAVAN YUVRAJ ATMARAM
5)RANE DNYANDEV RAGHO
6)MANE NARENDRA DATTATREYA

No of Pages : 45
No of Claims : 14

(57) Abstract :
The present invention relates to an improved process for the preparation of 7-AVCA(1a)and for(Z)-isomer enriched 7-APCA(1b)by carrying out multi step reactions in one pot and utilizing sodium bromide in Wittig reaction.



I

a R = H 7-AVCA
b R = CH_3 7-APCA

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.973/MUMNP/2005 A
(43) Publication Date : 27/04/2007

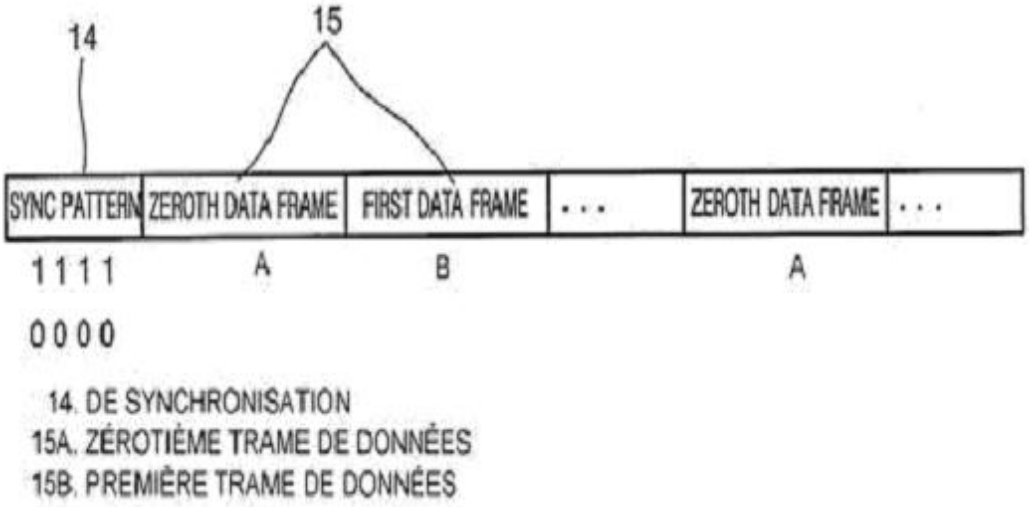
(54) Title of the invention : INFORMATION STORAGE MEDIUM AND METHOD AND APPARATUS OF RECORDING AND/OR REPRODUCING DATA ON AND/OR FORM THE SAME

(51) International classification :G11B7/007
(31) Priority Document No :10-2003-0032092
(32) Priority Date :20/05/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/001205
Filing Date :20/05/2004
(87) International Publication No :WO 2004/105000 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KIM, Tae-Kyung
3)OTSUKA, Tatsuhiro
4)HWANG,Wook-Yeon

No of Pages : 30
No of Claims : 31

(57) Abstract :
An information storage medium and a method of recording data on hand/or reproducing data form the information storage medium, includes an information storage medium having at least one information storage layer. Data is recorded in the form of protruding or indented pits in the entire or partial area of hte information storage medium, and information regarding the prodruding or indented pits is recorded. Smooth tracking can be achieved using the information regaeding the protruding or indented pits, that is, oush-pull polarity information.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2000

(21) Application No.IN/PCT/2000/00404/MUM A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR MAKING AN OXIRANE

(51) International classification :C07D 301/12
(31) Priority Document No :9800231
(32) Priority Date :24/03/1998
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP99/01955
Filing Date :20/03/1999
(87) International Publication No :WO99/48882A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MICHEL STREBELLE

No of Pages : 7
No of Claims : 10

(57) Abstract :
The invention concerns a method for making an oxirane by reacting an olefin with a peroxidized compound in the presence of a catalyst based on zeolite and in the presence of a solvent, wherein the reaction medium pH comprising the olefin, the peroxidized compound, the catalyst, the formed oxirane and the solvent ranges from 4.8 to 6.5.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2000

(21) Application No.IN/PCT/2000/00430/MUM A
(43) Publication Date : 27/04/2007

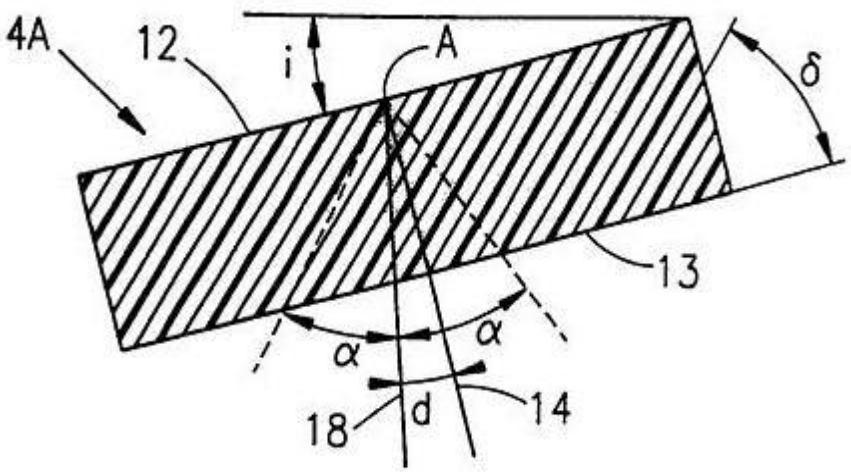
(54) Title of the invention : IMPROVED FLOATING MARINE STRUCTURE

(51) International classification :B01J19/32
(31) Priority Document No :98/04835
(32) Priority Date :17/04/1998
(33) Name of priority country :France
(86) International Application No :PCT/FR99/00897
Filing Date :16/04/1999
(87) International Publication No :WO 99/54036 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 16
No of Claims : 6

(57) Abstract :
The invention concerns a floating structure having an oscillation angle i not more than about 10Â°. The structure bears an air distilling column with corrugated criss-cross packing. The undulating configuration of the corrugated strips (4A) of at least one pack is selected such that d/i < 0.6, where d is the axis deviation (18) of the cone spreading the liquid, when each pair of adjacent strips of the pack is inclined at an angle i in its general plane. The invention is useful for producing oxygen by air distillation on oil rigs.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2000

(21) Application No.IN/PCT/2000/00688/MUM A
(43) Publication Date : 27/04/2007

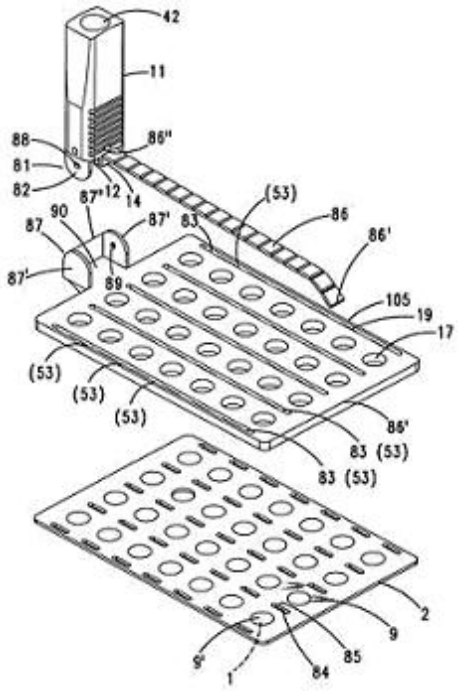
(54) Title of the invention : DEVICE FOR EMPTYING CAVITIES CONTAINING POWDER BY MEANS OF SUCTION

(51) International classification	:A61M 15/00
(31) Priority Document No	:198 27 731.8
(32) Priority Date	:22/06/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP99/04304
Filing Date	:22/06/1999
(87) International Publication No	:WO 99/66974 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 77
No of Claims : 65

(57) Abstract :
The invention relates to a device (V) for emptying cavities (1) that contain powder and are closed by means of a covering film (9), using a suction pipe (11) which can be placed manually. The front end of said pipe is positioned and guided in relation to the cavity (1) and pushes through the covering film, leaving a free cross-section to enable air to flow into the cavity (1). In order to provide a low-cost solution that is easy to handle, the front end of the suction pipe (11) has extensions (22:82) that are situated adjacent to the cutting flanks (12) thus arranged, whereby said extensions protrude axially in relation to the cutting flanks and extend in a positive fit/rotationally fixed manner into the cavities of adjacent slots (19 and/or 83, 55 or 25) of a support (T). The cavities (1) in the support (1) can be used as blister packs (2).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2000

(21) Application No.IN/PCT/2000/00773/MUM A
(43) Publication Date : 27/04/2007

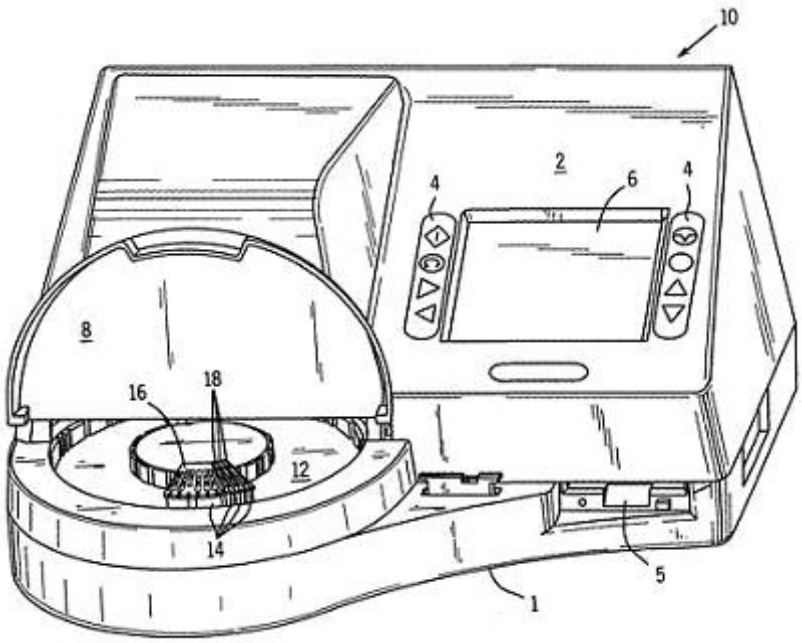
(54) Title of the invention : IMMUNOASSAY TESTING KIT AND CONTAINERS

(51) International classification :G01N33/53
(31) Priority Document No :09/109,803
(32) Priority Date :02/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/06145
Filing Date :16/03/1999
(87) International Publication No :WO 00/02047A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 26

(57) Abstract :
The present invention provides a kit for use in an immunoassay testing device that detects a binding reaction between a pair of first and second substances, particularly biogenic substances, which specifically bind together allowing deposition of electrically conductive particles which fully or partially completing an essentially open electrical circuit. More particularly, the kit provides self contained reagent and testing packages that are less contaminant prone and subject to minimal waste. The kit has a self contained reagent package and a test cartridge that are accessible by the testing device. The reagent package has cavities for reagents and diluting fluids. The test cartridge has a cavity for the test specimen and circuitry that is closed upon deposition of electrically conductive particles following the binding reaction.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2001
(21) Application No.IN/PCT/2001/00048/MUM A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BONDED FIBROUS MATERIALS

(51) International classification :C04B 28/24
(31) Priority Document No :9820124.7
(32) Priority Date :15/09/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB99/03085
Filing Date :14/09/1999
(87) International Publication No :WO 00/15574 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 25

(57) Abstract :
A composite material comprises inorganic-bonded alkaline earth silicate fibres in which any bonding agents or fillers comprise low amounts of aluminium so that the composite material comprises less than 1 % by weight aluminium expressed as Al2-O3.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2001

(21) Application No.IN/PCT/2001/001624/MUM A
(43) Publication Date : 27/04/2007

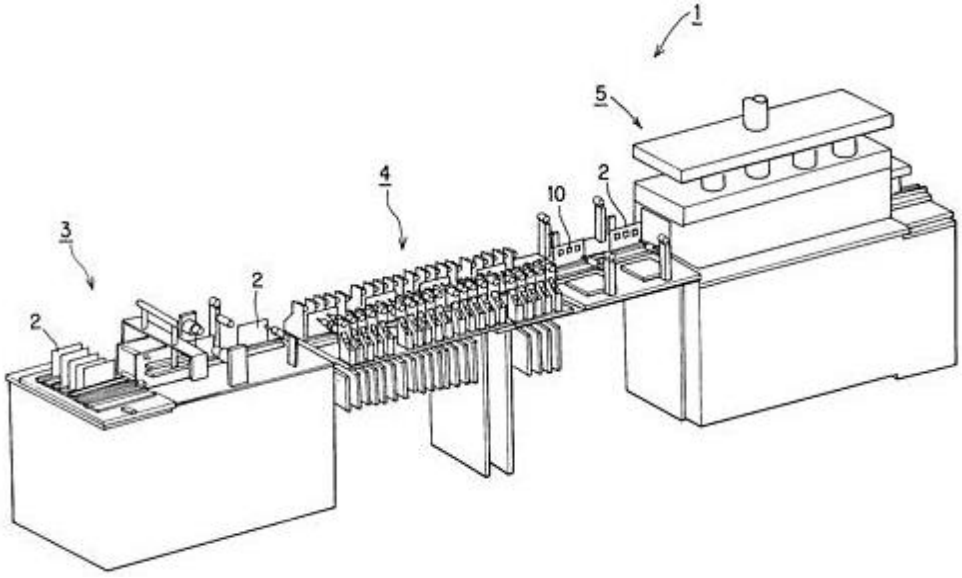
(54) Title of the invention : ELECTRONICS PACKAGING SYSTEM

(51) International classification :H05K 3/34
(31) Priority Document No :2000-132923
(32) Priority Date :27/04/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/03654
Filing Date :26/04/2001
(87) International Publication No :WO01/84895A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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9)AKIHIRO KOGA
10)MITSUO INOUE
11)KAZUHIRO ABE
12)TETSUYA YONEMOTO
13)KENJI ISHIHARA
14)SYUNJI AOKI
15)FUMIO MATSUMOTO
16)TAKANORI ARAI
17)HISASHI NAOSHIMA

No of Pages : 94
No of Claims : 17

(57) Abstract :
A system (1) for mounting electronic devices comprises a printing device (3), a mounting device (4) and a reflow device (5). In the mounting system (1), a printed-circuit board (2) is conveyed upright. Solder is applied by printing to lands on both sides of the board (2) simultaneously, and electronic devices (10) are soldered to the lands. The mounting system (1) is small and capable of reducing mounting time.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2001
(21) Application No.IN/PCT/2001/00804/MUM A
(43) Publication Date : 27/04/2007

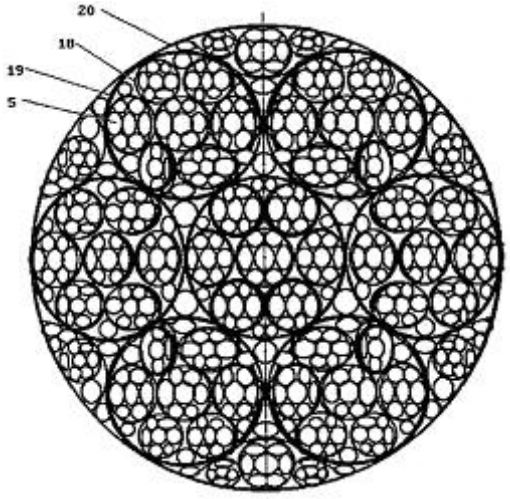
(54) Title of the invention : INTEGRAL LENS FOR HIGH ENERGY PARTICLE FLOW, METHOD FOR PRODUCING SUCH LENSES AND USE THEREOF IN ANALYSIS DEVICES AND DEVICES FOR RADIATION THERAPY AND LITHOGRAPHY

(51) International classification	:G21K1/02, A61N5/10
(31) Priority Document No	:99121677
(32) Priority Date	:18/10/1999
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU00/00206
Filing Date	:30/05/2000
(87) International Publication No	:WO014/29845A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 75
No of Claims : 47

(57) Abstract :
The inventions make it possible to increase the degree of radiation focusing by means of a lens, to use particles with higher energies and to improve the parameters of the devices using a lens in which such parameters depend on said factors. The lens has the form of a set of sub-lenses (18, 19) having various degrees of integration, whereby the lens having the lowest level of integration has the form of a set of channels (5). Said channels are obtained by drawing and forming together capillaries gathered in a beam. Each sub-lens (19) having a higher degree of integration has the form of a set of sub-lenses having previous degrees of integration, whereby said set is obtained by drawing and forming together said sub-lenses. The sub-lenses are produced by means of the inventive operations, whereby the pressure of the gaseous medium inside the channels is higher than the pressure in the gap between the sub-lenses of the previous degree of integration, and the temperature is sufficient to soften the material of the sub-lenses and to bond the walls thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2001
(21) Application No.IN/PCT/2001/00930/MUM A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTI-ENZYME PRODUCT WITH GLUCOAMYLASE, PROTEOLYTIC AND XYLANASE ACTIVITIES AND METHOD FOR PRODUCING SAME BY SOLID STATE FERMENTATION OR WHEAT BRAN WITH ASPERGILLUS NIGER

(51) International classification :C12N1/14
(31) Priority Document No :99/00775
(32) Priority Date :25/01/1999
(33) Name of priority country :France
(86) International Application No :PCT/FR00/00163
Filing Date :25/01/2000
(87) International Publication No :WO 00/43496 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BOULEVARD HENRI VASNIER
3)JEAN-LUC ALAIN GUY BARET
4)FRANCIS LUCIEN DUCHIRON

No of Pages : 31
No of Claims : 14

(57) Abstract :
The invention concerns a multi-enzyme product with glucoamylase, proteolytic and xylanase activities, characterised in that it consists of wheat bran fermented with an Aspergillus niger strain, said enzymatic glucoamylase, proteolytic and xylanase activities being present in the following minimum values: glucoamylase activity: at least 100 UG per gram of dry matter; proteolytic activity: at least 100 UP per gram of dry matter; xylanase activity: at least 100 UX per gram of dry matter, provided that the glucoamylase activity is at least 750 UG per gram of dry matter and/or the xylanase activity is at least 300 UX per gram of dry matter. The invention is useful for producing ethanol or monogastric animal feed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2001
(21) Application No.IN/PCT/2001/00947/MUM A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF TERT-BUTYL (E)-(6-[2- [4-(4-FLUOROPHENYL) -6-ISOPROPYL-2-[METHYL (METHYLSULFONYL) AMINO] PYRIMIDIN-5-YL] VINYL](4R, 6S)-2,2-DIMETHYL [1,3]DIOXAN-4-YL) ACETATE

(51) International classification :C07D405/06
(31) Priority Document No :9903472.0
(32) Priority Date :17/02/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB00/00481
Filing Date :15/02/2000
(87) International Publication No :WO 00/49014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARUO KOIKE
2)MIKIO KABAKI
3)NIGEL PHILIP TAYLOR
4)LOUIS JOSEPH DIORAZIO

No of Pages : 14
No of Claims : 10

(57) Abstract :
The invention concerns a process for the manufacture of tert-butyl (E)-(6-[2- 4-(4-fluorophenyl) -6-isopropyl-2-[methyl (met hylsulfonyl) amino] pyrimidin-5-yl] vinyl}-(4R, 6S)-2,2-dimethyl [1,3-dioxan-4-yl) acetate, the novel starting material used in said process and the use of the process in the manufacture of a pharmaceutical.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2001

(21) Application No.IN/PCT/2001/01135/MUM A
(43) Publication Date : 27/04/2007

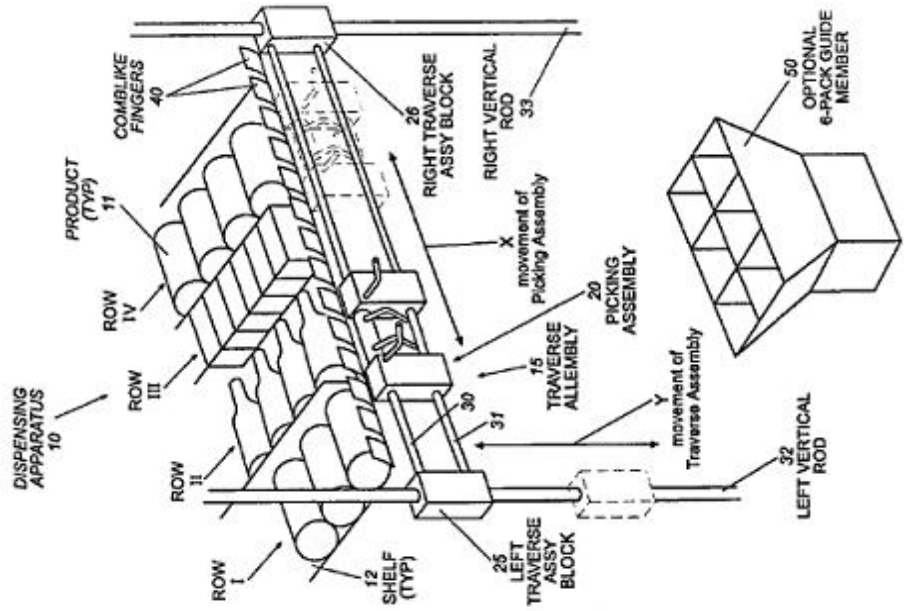
(54) Title of the invention : DISPENSING APPARATUS AND METHOD OF USING SAME

(51) International classification :G07F 11/42
(31) Priority Document No :60/127,629
(32) Priority Date :02/04/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/08887
Filing Date :31/03/2000
(87) International Publication No :WO 00/60553 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILLIAM S. CREDLE, JR

No of Pages : 36
No of Claims : 14

(57) Abstract :
A vending machine for vending articles, most notably beverage or food containers. More particularly, the present invention relates to a vending machine having a cabinet with a plurality of vertically spaced shelves, and an â€œX-Yâ€ picker assembly for receiving a packaged beverage from a shelf and for delivering the packaged beverage to a delivery port in a front face of the cabinet, or to another location as desired.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2001

(21) Application No.IN/PCT/2001/01291/MUM A
(43) Publication Date : 27/04/2007

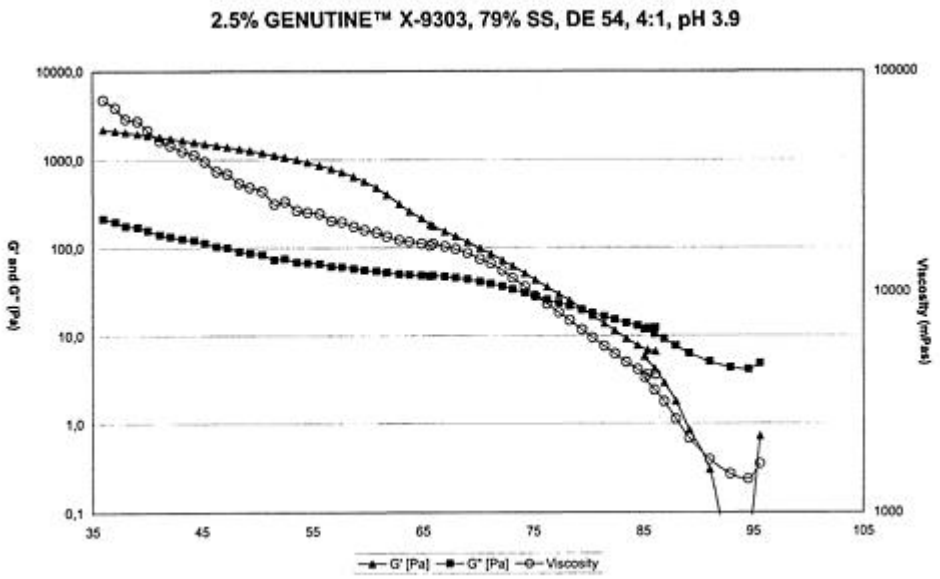
(54) Title of the invention : FOOD COMPOSITION WITH HIGH SOLIDS CONTENT, A METHOD FOR ITS PREPARATION AS WELL AS THE USE OF CARRAGEENANS FOR GELLING A FOOD COMPOSITION

(51) International classification :A23G 1/00
(31) Priority Document No :PA 1999 00650
(32) Priority Date :12/05/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK00/00252
Filing Date :12/05/2000
(87) International Publication No :WO 00/69275 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JEANETTE KRISTENSEN
3)JAN GRONDAL

No of Pages : 53
No of Claims : 26

(57) Abstract :
A food composition comprising soluble solids in the range of about 50 % to about 90 % by weight, at least 70 % by weight thereof being a sweetening comprising sucrose and non sucrose sweeteners in a weight ratio of sucrose to non sucrose sweeteners of 0:100 to 95:5, wherein the non sucrose sweetener is of a DE (Dextrose Equivalent) of at least about 30, a carrageenan component in an amount sufficient to form a gel, and water to balance, and wherein the gelation temperature of said composition is < 95 Â°C. Said food composition may be produced by a process comprising: (a) dispersing carrageenan in a syrup of a non sucrose sweetener at a temperature sufficient to disperse the carrageenan in said syrup while stirring; (b) adding water and heating the mixture to the boiling point thereof; (c) adjusting the soluble solids content to from about 50 % to about 90 % by weight, (d) depositing said mixture and (e) cooling said mixture to below the depositing temperature of said mixture. The food composition gels rapidly and forms a gel at temperatures of below 95 Â°C. The food composition is especially confectionery products such as soft candies, marshmallows or glazings.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2001

(21) Application No.IN/PCT/2001/01440/MUM A
(43) Publication Date : 27/04/2007

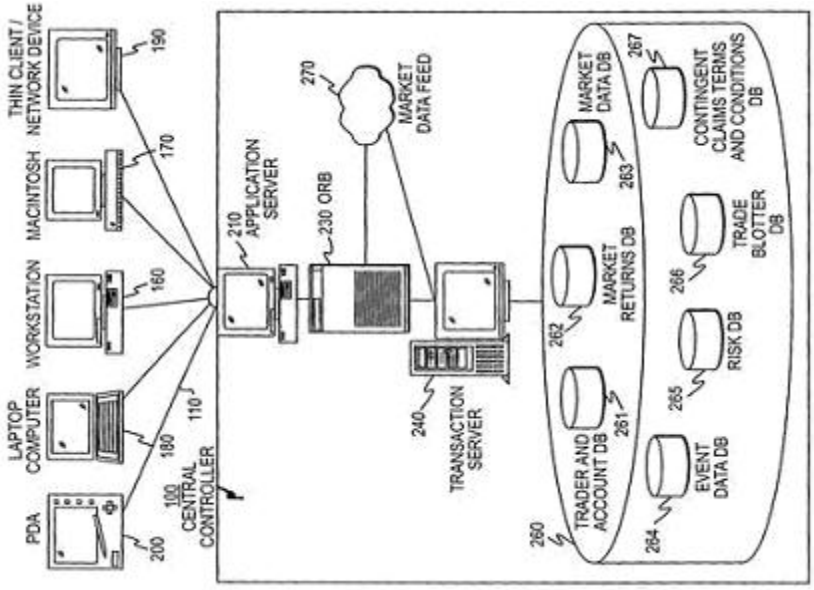
(54) Title of the invention : FINANCIAL PRODUCTS HAVING DEMAND-BASED ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR

(51) International classification	:G06F 17/60	
(31) Priority Document No	:60/144,890	
(32) Priority Date	:21/07/1999	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US00/19447	
Filing Date	:18/07/2000	
(87) International Publication No	:WO 01/08063 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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No of Pages : 182
No of Claims : 38

(57) Abstract :
This invention provides methods and system for trading and investing in groups of demand-based adjustable return contingent claims, and for establishing markets and exchanges for such claims (262, 263, 264. 265). The advantages of the present invention, as applied to the derivative securities and similar financial markets, include increased price transparency, reduced credit risk, improved information aggregation, increased price transparency, reduced settlement or clearing costs, reduced hedging costs, reduced model risk, reduced event risk, increased liquidity incentives, improved self-consistency, reduced influence by market makers, and increased ability to generate and replicate arbitrary payout distributions. In addition to the trading of derivative securities, the present invention also facilitates the trading of other financial-related contingent claims; non-financial-related contingent claims such as energy, commodity, and weather derivatives: traditional insurance and reinsurance contracts; and contingent claims relating to events which have generally not been readily insurable or hedgeable such as corporate earnings annoucements, future semiconductor demand, and changes in technology.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2001

(21) Application No.IN/PCT/2001/01459/MUM A
(43) Publication Date : 27/04/2007

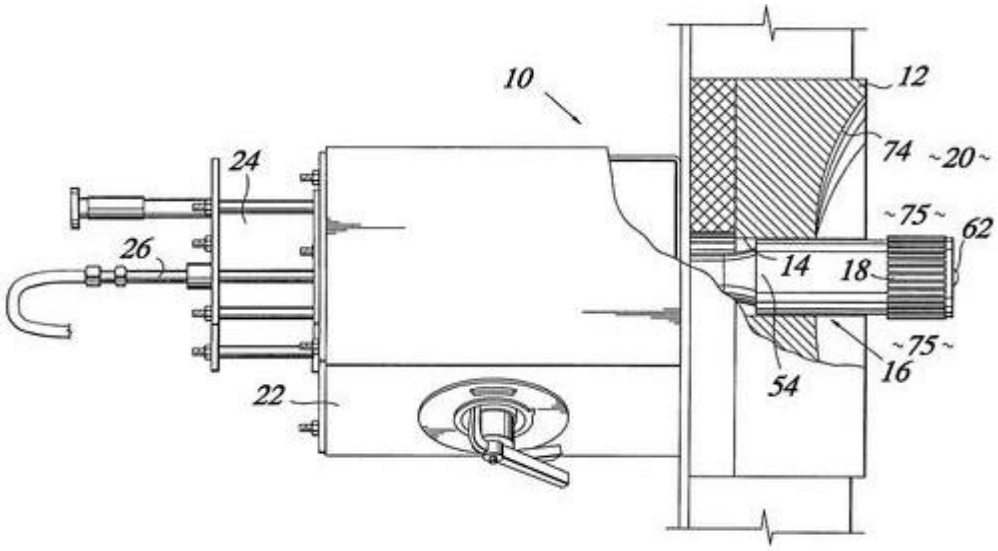
(54) Title of the invention : LOW NOx RADIANT WALL BURNER

(51) International classification :F23D14/12
(31) Priority Document No :60/188,807
(32) Priority Date :13/03/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/07809
Filing Date :12/03/2001
(87) International Publication No :WO 01/69132 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROGER L. POE

No of Pages : 45
No of Claims : 33

(57) Abstract :
A low NOx burner nozzle assembly for a radiant wall burner includes an elongated hollow burner tube and a discharge nozzle. The burner tube defines a conduit for supplying a mixture of fuel and air to a radiant combustion area. The discharge nozzle is mounted on the tube at the downstream end of the conduit and adapted for directing the mixture of fuel and air in an essentially radial direction. The discharge nozzle includes a plurality of flow directing members arranged in an array to define there-between a plurality of passageways which extend in a generally radial direction and having different respective flow areas. The discharge nozzle also has an end cap to prevent axial flow of the primary air/fuel mixture. The end cap has an axially extending hole therein, and the nozzle assembly includes a staged fuel burner nozzle arranged so as to protrude axially through such hole.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2001
(21) Application No.IN/PCT/2001/01469/MUM A
(43) Publication Date : 27/04/2007

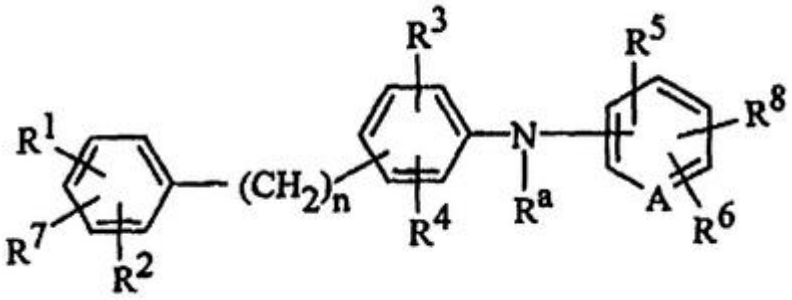
(54) Title of the invention : METHOD OF INHIBITING AMYLOID PROTEIN AGGREGATION AND IMAGING AMYLOID DEPOSITS

(51) International classification :A61K 31/00
(31) Priority Document No :60/138,550
(32) Priority Date :10/06/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/15071
Filing Date :31/05/2000
(87) International Publication No :WO 00/76489 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)SHUNICHIRO HACHIYA
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11)LARY CRASWELL WALKER
12)TOMOYUKI YASUNAGA
13)NIAN ZHUANG

No of Pages : 134
No of Claims : 43

(57) Abstract :
The present invention provides a method of treating Alzheimer's disease using a compound of Formula (I). Also provided is a method of inhibiting the aggregation of amyloid proteins using a compound of the Formula (I) and a method of imaging amyloid deposits, as well as new compounds of Formula (I).



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2001

(21) Application No.IN/PCT/2001/01480/MUM A
(43) Publication Date : 27/04/2007

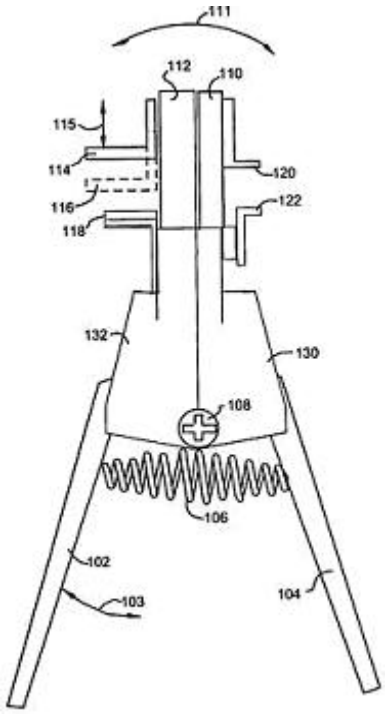
(54) Title of the invention : HAND TOOL FOR DISCONNECTION OF COUPLINGS

(51) International classification :F16L 35/00
(31) Priority Document No :60/136,050
(32) Priority Date :26/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/14518
Filing Date :26/05/2000
(87) International Publication No :WO 00/71923 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAVID LEE SHOWALTER
2)DARREN J KADY

No of Pages : 20
No of Claims : 30

(57) Abstract :
A tool is disclosed for the removal of quick release couplings from a conduit. The tool has a body that is divided into a rotatably connected gripping portion and a release portion. Handles are connected to the body to activate the clamping and releasing action of the tool. Compressing the handles causes the gripping element to compress and the gripping portion and the release portion to rotate around the connection, creating a distance between the gripping and release elements. The release element has a pair of plates with neither, one or both of the plates being movable.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2001
(21) Application No.IN/PCT/2001/01488/MUM A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR MAKING A PIPA-POLYOL

(51) International classification :C08G 18/08
(31) Priority Document No :99110479.5
(32) Priority Date :31/05/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/04037
Filing Date :05/05/2000
(87) International Publication No :WO 00/73364 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GABRIEL ALBERT VERHELST
2)ALPHONSE ELISABETH JOSEPH BRUYNINCKX

No of Pages : 15
No of Claims : 6

(57) Abstract :
Process for preparing a polyol comprising particulate material in dispersed form and in an amount of 30-80 % by weight.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2001
(21) Application No.IN/PCT/2001/01585/MUM A
(43) Publication Date : 27/04/2007

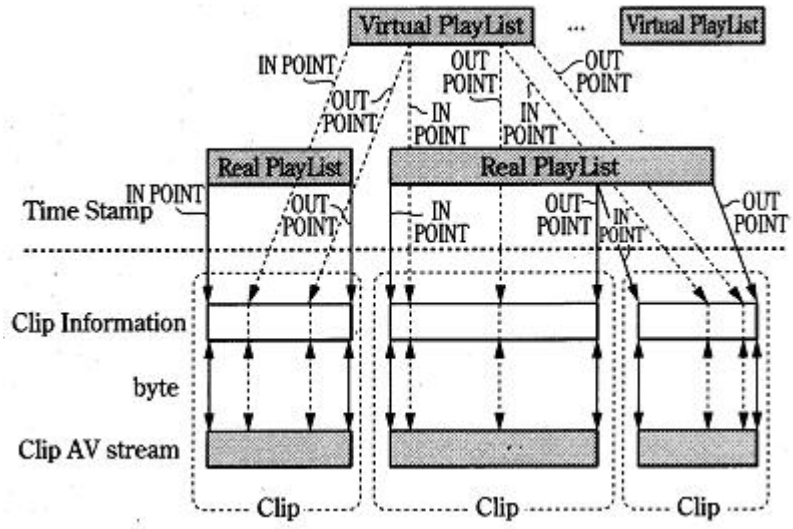
(54) Title of the invention : INFORMATION PROCESSING APPARATUS AND METHOD, PROGRAM, AND RECORDED MEDIUM

(51) International classification :H04N 5/92
(31) Priority Document No :2000-183771
(32) Priority Date :21/04/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/03415
Filing Date :20/04/2001
(87) International Publication No :WO01/82606A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOTOKI KATO
2)TOSHIYA HAMADA

No of Pages : 221
No of Claims : 13

(57) Abstract :
A CPI-type is described in a PlayList(). The CPI-type includes an EP-map type and a TU-map type. If the position of an I picture can be analyzed, the EP-map type is used; and if not, the TU-map type is used. As a result, AV stream data recorded after analyzing the position of the I picture and AV stream data recorded without analyzing the position of the I picture can be commonly managed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2001

(21) Application No.IN/PCT/2001/01604/MUM A
(43) Publication Date : 27/04/2007

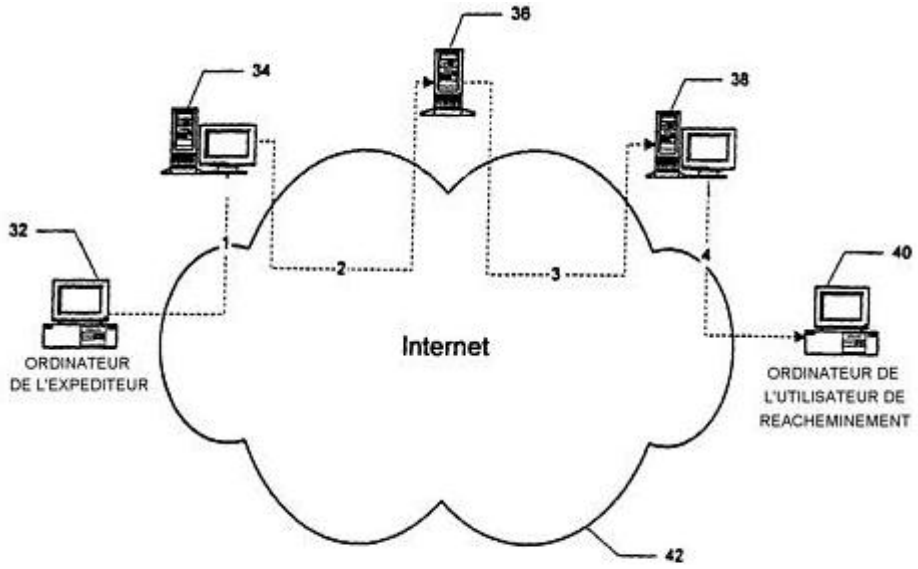
(54) Title of the invention : SYSTEM AND METHOD FOR RE-ROUTING OF E-MAIL MESSAGES

(51) International classification :H04L 12/58
(31) Priority Document No :09/338,734
(32) Priority Date :23/06/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/17406
Filing Date :23/06/2000
(87) International Publication No :WO 00/79740 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JOSEPH G. KHALIL
3)GRAHAM STEAD

No of Pages : 62
No of Claims : 64

(57) Abstract :
A method and apparatus for the re-routing of e-mail sent to a prior address (or an address that is non-working, or temporarily inconvenient) to the new address of an intended recipient. E-mail that is to be sent to a recipient is sent to the former Internet Service Provider (ISP). Because the recipient is no longer a subscriber to the old ISP, or because the address at the old ISP is temporarily inconvenient, the e-mail is re-routed to a re-route server of the present invention. The re-route server then causes the e-mail to be sent to the correct address through a variety of processes. Alternatively, new e-mail addresses are made available at the old ISP. The old ISP can then forward e-mail messages directly to the new ISP.



34... ANCIEN FOURNISSEUR D'ACCES INTERNET
36... SERVEUR DE REACHEMINEMENT
38... NOUVEAU FOURNISSEUR D'ACCES INTERNET

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2002

(21) Application No.IN/PCT/2002/00040/MUM A
(43) Publication Date : 27/04/2007

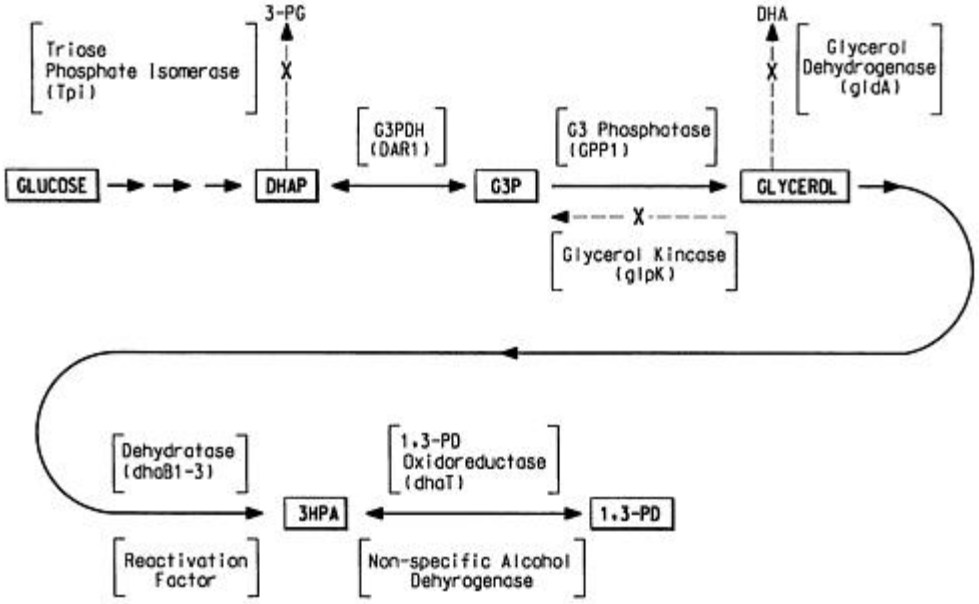
(54) Title of the invention : PROCESS FOR THE BIOLOGICAL PRODUCTION OF 1,3-PROPANEDIOL WITH HIGH TITER

(51) International classification :C12P 7/00
(31) Priority Document No :60/149,534
(32) Priority Date :18/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/22874
Filing Date :18/08/2000
(87) International Publication No :WO 01/12833 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHARON HAYNIE
3)LISA LAFFEND
4)JEFF PUCCI
5)GREG WHITED

No of Pages : 82
No of Claims : 29

(57) Abstract :
The present invention provides an improved method for the biological production of 1,3-propanediol from a fermentable carbon source in a single microorganism. In one aspect of the present invention, an improved process for the conversion of glucose to 1,3-propanediol is achieved by the use of an E. coli transformed with the Klebsiella pneumoniae dha regulon genes dhaR, orfY, dhaT, orfX, orfW, dhaB1, dhaB2, dhaB3, and orfZ, all these genes arranged in the same genetic organization as found in wild type Klebsiella pneumoniae. In another aspect of the present invention, an improved process for the production of 1,3-propanediol from glucose using a recombinant E. coli containing genes encoding a G3PDH, a G3P phosphatase, a dehydratase, and a dehydratase reactivation factor compared to an identical process using a recombinant E. coli containing genes encoding a G3PDH, a G3P phosphatase, a dehydratase, a dehydratase reactivation factor and a 1,3-propanediol oxidoreductase (dhaT). The dramatically improved process relies on the presence in E. Coli of a gene encoding a non-specific catalytic activity sufficient to convert 3-hydroxypropionaldehyde to 1,3-propanediol.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2002
(21) Application No.IN/PCT/2002/00311/MUM A
(43) Publication Date : 27/04/2007

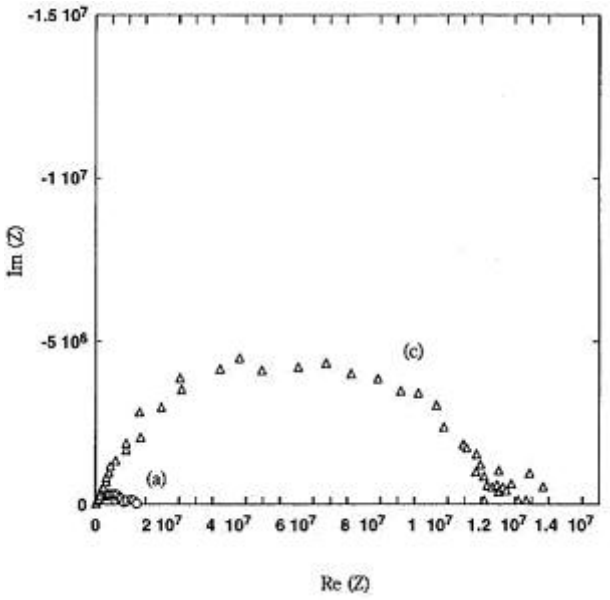
(54) Title of the invention : CARBONACEOUS MATERIAL FOR HYDROGEN STORAGE, PRODUCTION METHOD THEREOF, AND CELL AND FUEL CELL

(51) International classification :C01B 31/02
(31) Priority Document No :P11-255743
(32) Priority Date :09/09/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP00/06199
Filing Date :11/09/2000
(87) International Publication No :WO01/17900A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ATSUO YAMADA
5)HISASHI KAJIURA
6)KOICHI TANAKA
7)MASAFUMI ATA

No of Pages : 285
No of Claims : 189

(57) Abstract :
A carbonaceous material for hydrogen storage which stores hydrogen in the form of a proton is provided. Examples of such a carbonaceous material include a carbonaceous material which has a structure having a curvature and has a work function greater than 4.9 eV. Such a carbonaceous material can be formed by the arc discharge method. Usable carbonaceous materials for hydrogen storage also include a burned material comprising a polymer of a fullerene, a polymer of a fullerene through electrolytic polymerization, a derivative based on a carbonaceous material having, introduced into the material, a group capable of bonding with a proton, a carbonaceous material having a structure containing a bending part and a carbonaceous material having, carried thereon, a metal having a catalytic activity for the separation of hydrogen molecules into hydrogen atoms and of hydrogen atoms into protons and electrons. A material for hydrogen storage obtained by applying a plus voltage to a material capable of storing hydrogen and then subjecting the resultant material to a treatment under an atmosphere containing hydrogen is also usable. These materials for hydrogen storage can be used for an electric cell such as a fuel cell, an air cell and an alkaline secondary cell.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2002
(21) Application No.IN/PCT/2002/00327/MUM A
(43) Publication Date : 27/04/2007

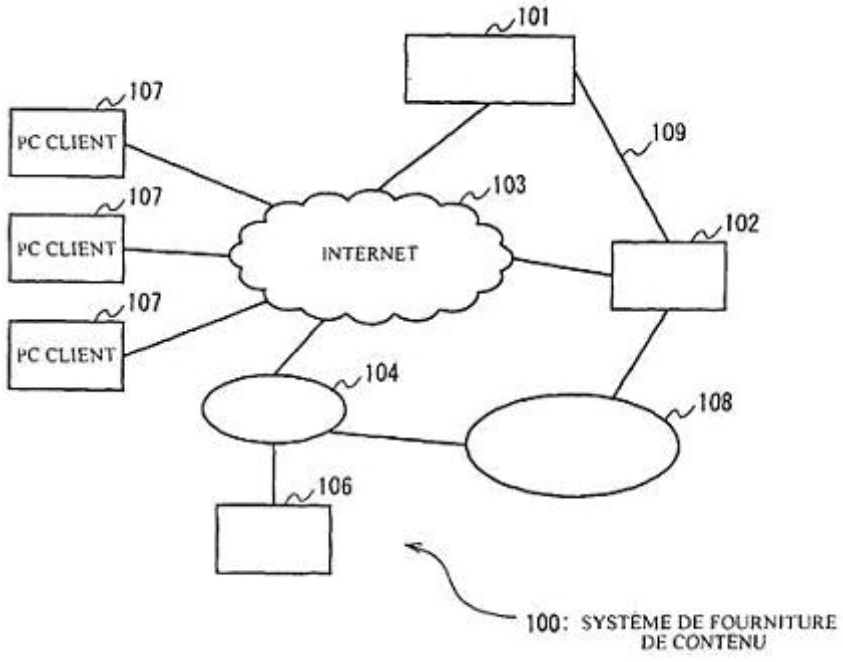
(54) Title of the invention : METHOD OF USING SERVER, SERVER RESERVATION CONTROL APPARATUS AND PROGRAM STORAGE MEDIUM

(51) International classification	:G06F 15/00, G06F 17/60
(31) Priority Document No	:P2000-264561
(32) Priority Date	:31/08/2000
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP01/07419
Filing Date	:29/08/2001
(87) International Publication No	:WO02/19123A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KEIGO IHARA
3)TAKAHIKO YOSHIMINE
4)JUNKO FUKUDA
5)TAKAHIKO SUEYASHI

No of Pages : 172
No of Claims : 27

(57) Abstract :
In a content supply system (100), a user PC (106) is used to make a reservation for a time zone by accessing a server use reservation management center (101) so as to use a streaming server (102) to perform live distribution. When the user PC (106) transmits reservation request information to the server use reservation management center (101) through the Internet (103), a reservation ID used only for authentication about the reservation is created if the reservation is accepted and transmitted to the user PC (106) from the server use reservation management center (101) through the Internet (103). If the user PC (106) sends a distribution request to the streaming server (102), authentication using the reservation ID is performed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2002

(21) Application No.IN/PCT/2002/00542/MUM A
(43) Publication Date : 27/04/2007

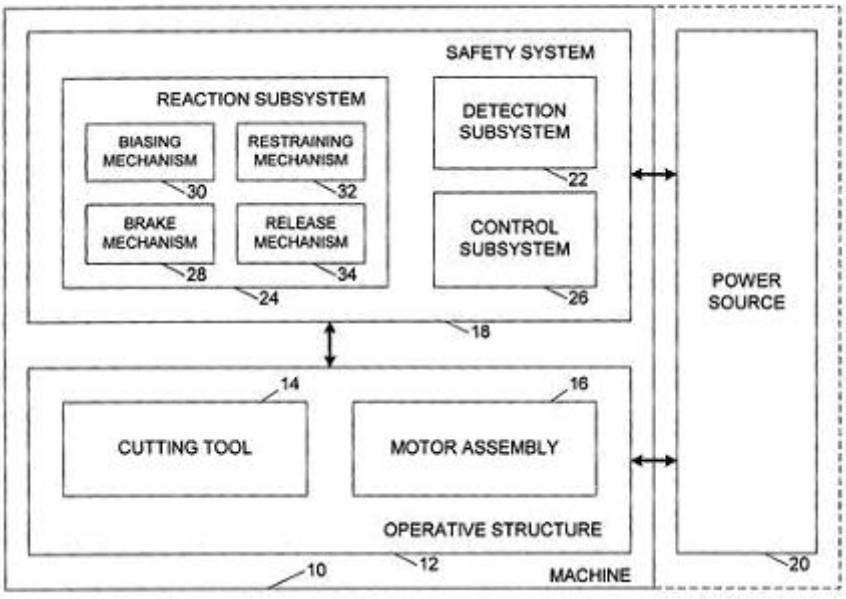
(54) Title of the invention : SAFETY SYSTEMS FOR POWER EQUIPMENT

(51) International classification :G08B
(31) Priority Document No :60/182,866
(32) Priority Date :16/02/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/26812
Filing Date :29/09/2000
(87) International Publication No :WO 01/26064 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)JOEL F. JENSEN
8)ANDREW L. JOHNSTON
9)SUNG H. KIM
10)ANWYL M. MCDONALD
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No of Pages : 232
No of Claims : 44

(57) Abstract :
Safety systems for power equipment are disclosed. The safety systems include a detection system (22) adapted to detect a dangerous condition between a person and a working portion (14) of a machine, such as accidental contact with the working portion, and a reaction system (24) associated with the detection system to cause a predetermined action to take place relative to the working portion, and a reaction system (24) associated with the detection system to cause a predetermined action to take place relative to the workpiece portion upon detection of the dangerous condition by the detection system. The detection system may be adapted to capacitively impart an electric charge on the working portion and to detect when that charge drops. The reaction system may be a brake system (28) to stop the working portion, a retraction system to retract the working portion, a system to cover the working portion, or some other system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.00270/DEL/2000 A

(19) INDIA

(22) Date of filing of Application :18/10/2000

(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN ABSORBENT DEVICE INSERTABLE INTO THE INTERLABIAL SPACE OF A FEMALE WEARER"

(51) International classification	:A61F 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/56681
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KLOFTA, THOMAS JAMES
3)BROWN, PAMELA JEAN

No of Pages : 42

No of Claims : 3

(57) Abstract :
ABSTRACT An absorbent interlabial device worn by female wearers for catamenial purposes, incontinence protection, or both, is disclosed. The absorbent interlabial device has at least one body-contacting surface which comprises a substance that contacts the wearer's body for assisting the interlabial device in staying in place in the desired position in the interlabial space. The substance can be either adhesive or non-adhesive. In embodiments in which the substance is non-adhesive, it may have no initial tack so that it will not stick to the wrong portions of the wearer's body when the device is placed between the labia. Non-adhesive substances include moisture-activated substances which become viscous and develop a tack when contacted by relatively small amounts of moisture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2000

(21) Application No.00442/DEL/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND AN APPARATUS OF DISINFECTION"

(51) International classification	:A6IL 2/02 // 2/22,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:WO 99/66961
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)ALEX SAVA,

No of Pages : 24
No of Claims : 5

(57) Abstract :
ABSTRACT The invention relates to a method of disinfection comprising the steps of sonicating a liquid composition comprising a disinfectant hi combination with at least one surfactant at a frequency selected to be above 1.5 MHz, preferably above 2 MHz to produce a nebulised disinfectant product. The frequency of the ultrasonic energy and the formulation of the disinfectant to which the ultrasonic energy is applied is such that a majority of microdroplets are less than 2.0 micrometres in diameter. In preferred embodiments, the microdroplets are activated by the ultrasound and are substantially more effective than non-sonicated disinfectant. The invention also relates to compositions suitable for use in such methods which may include activatable agents, surfactants and/or agents to assist in drying.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.00483/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL METHOD FOR CHROMATOGRAPHIC FINGER PRINTING AND STANDARDIZATION OF SINGLE MEDICINES AND FORMULATION

(51) International classification :G01N 30/88
(31) Priority Document No :PCT/IN00/00123
(32) Priority Date :08/12/2000
(33) Name of priority country :India
(86) International Application No :PCT/IN00/00123
Filing Date :08/12/2000
(87) International Publication No :WO 02/46739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KONDAPURAM VIJAYA RAGHAVAN

No of Pages : 106
No of Claims : 49

(57) Abstract :
The present invention provides a method for the chromatographic fingerprinting, chemical and therapeutic standardization, bar-coding of the fingerprints and preparation of a data base for Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) machines and applications of medicines in general and traditional medicines in particular; this invention includes a software based instrumental method and a novel method of fingerprinting and standardization is proposed for the above purpose and the said method for the chromatographic finger printing which facilitates to correlate the traditional therapeutic standardization methods with the chemical properties of the medicines and humors and provides a rational basis to understand the methods used for the said purpose.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2002

(21) Application No.00562/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : " FIELD CONTROLLED PERMANENT MAYNET BRUSHLESS ELECTRIC MOTOR"

(51) International classification :F04B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :PCT/US00/42481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 4

(57) Abstract :
Abstract A/brushless electric machine comprising a housing fabricated from a magnetically permeable material and having an interior region, a stator mounted within the interior region and attached to the housing wherein the stator has a stator winding, a rotor mounted for rotation about a rotational axis within the stator. The rotor comprises a plurality of magnetic pole pieces and permanent magnets circumferentially arranged in an alternating configuration such that each permanent magnet is positioned intermediate a pair of consecutive magnetic pole pieces and the axis of magnetization lies in the plane of rotation of the rotor. The rotor is separated from the stator windings by a first air gap so as to form a first magnetic circuit. The rotor further comprises a first side, a first rotor end cap attached to the first side, a second side, and a second rotor end cap attached to the second side. leach rotor end cap contacts at least some of the magnetic pole pieces, I'-'ach rotor end cap is fabricated from a magnetically permeable material. The brushless electric machine further comprises a pair of excitation windings. Kach excitation winding is secured to the housing on either side of the rotor such that the excitation winding extends circumferentially in the plane of rotation of the rotor and about a corresponding rotor end cap. The excitation windings are separated from the rotor end caps by a second air gap. The first and second air gaps cooperate to form a second magnetic circuit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2002
(21) Application No.00584/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOF OF SYNTHESIS OF A SUBSTITUTED OR UNSUBSTITUTED CARBINOL COMPOUND"

(51) International classification	:C12P 7/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 01/44486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)WILKINSON, KYLIE ANNE

No of Pages : 20
No of Claims : 3

(57) Abstract :
This invention provides a method of synthesis of a substituted or unsubstituted carbinol compound, comprising the steps of subjecting the corresponding substituted or unsubstituted aromatic aldehyde to acyloin condensation mediated by yeast in the presence of either (a) a supercritical fluid or (b) a liquefied gas, and recovering the carbinol compound. Prefereably, the yeast is Saccharomyces cerevisiae. In a particularly preferred embodiment the aromatic aldehyde is benzaldehyde and the carbinol is phenylacetylcarbinol, according to the reaction (I): in which the benzaldehyde, the pyruvic acid, or both may optionally be substituted.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2004
(21) Application No.00831/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHARMACEUTICAL COMPOSITIONS, AND A METHOD OF PREPARING AND ISOLATING SAID PHARMACEUTICAL COMPOSITIONS, AND USE OF SAID PHARMACEUTICAL COMPOSITIONS FOR PROPHYLACTIC TREATMENT OF LESIONS AND CARCINOMAS"

(51) International classification :C07K 14/025
(31) Priority Document No :2001/7228
(32) Priority Date :31/08/2001
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB02/03531
Filing Date :30/08/2002
(87) International Publication No :WO 03/018623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RYBICKI, EDWARD PETER
3)WILLIAMSON, ANNA-LISE

No of Pages : 21
No of Claims : 9

(57) Abstract :
This invention provides isolated nucleotide sequences disclosed in the specification, amino acid sequences deduced from the nucleotide sequences, constructs and/or vectors comprising and/or expressing the nucleotide sequences, and there use in transforming plant cells to produce proteins or fragments of proteins. These proteins or fragments can be used in the manufacture of pharmaceutical components that can be used in a prophylatic treatment against causative agents of lesions and carcinomas, in particular cervical lesions and carcinomas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2003
(21) Application No.00873/DELNP//2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REVERSIBLE GELLING SYSTEM FOR OCULAR DRUG DELIVERY"

(51) International classification :A61K 9/00
(31) Priority Document No :09/731,290
(32) Priority Date :06/12/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/46498
Filing Date :03/12/2001
(87) International Publication No :WO 02/45683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 18

(57) Abstract :
The invention provides an ophthalmic aqueous composition for topical administration, comprising:(a) a block copolymer of propylene oxide and ethylene oxide in concentration sufficient to provide viscosity of less than about 25 centipoise at ambient temperature and viscosity of from about 25 to about 55 centipoise when applied topically to a patient;(b) hydroxypropyl methylcellulose in concentration sufficient to improve the durability of the gel formed by the block copolymer.The invention further provides a method for administering ophthalmic pharmaceuticals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2004

(21) Application No.01104/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "THERAPEUTIC QUINOLINE COMPOUNDS WITH 5-HT-ANTAGONISTIC PROPERTIES"

(51) International classification :C07D 215/42
(31) Priority Document No :0103649.0
(32) Priority Date :01/11/2001
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE02/01989
Filing Date :01/11/2002
(87) International Publication No :WO 03/037872
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CAREY HORCHLER
5)JOHN MCCAULEY
6)EDWARD PIERSON
7)DANIEL SOHN

No of Pages : 154
No of Claims : 43

(57) Abstract :
Provided herein is a compound having the formula (I), (R^2 is typically a tertiary nitrogen atom, being either alkyl-substituted or member of a heterocyclic ring; R^7 is typically a monocyclic or bicyclic aromatic ring or a heterocyclic ring) wherein said compounds are useful for the treatment of psychiatric disorders including but not limited to depression, generalized anxiety, eating disorders, dementia, panic disorder, and sleep disorders. The compounds may also be useful in the treatment of gastrointestinal disorders, cardiovascular regulation, motor disorders, endocrine disorders, vasospasm and sexual dysfunction. The compounds are $5HT_{1B}$ and $5HT_{1D}$ antagonists.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2005

(21) Application No.0357/DEL2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PREDICTIVE TEXT INPUT SYSTEM FOR A MOBILE COMMUNICATION DEVICE

(51) International classification :GO1L 9/06
(31) Priority Document No :04003867.1
(32) Priority Date :20/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 31

(57) Abstract :
A predictive text system and method are provided for use with a mobile device having a reduced-key QWERTY keyboard, a display, and an alert mechanism. The system includes an ambiguous word list and a predictive text system software module. The ambiguous word list comprises a plurality of keystroke combinations, each keystroke combination representing a plurality of key selections on the reduced-key QWERTY keyboard, wherein the keystroke combinations present in dthe ambiguous word list are associated with more than one common predicted word. The predictive text system module receives an input keystroke combination from the reduced-key QWERTY keyboard and determines a predicted word for the input keystroke combination, wherein the predicted word is displayed on the display of the mobile device. If the input keystroke combination is present in the ambiguous word list, then the predictive text system module engages the alert mechanism on the mobile device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2005
(21) Application No.0517/DEL2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR PRESERVING FRUITS VEGETABLES AND MUSHROOMS.

(51) International classification :A01N
(31) Priority Document No :10/798,349
(32) Priority Date :12/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 20

(57) Abstract :
A method for preserving fruits, vegetables or mushrooms, comprising; (a) contacting the fruits, vegetables or mushrooms with a first aqueous solution comprising a pH-adjusting agent effective to adjust the pH of the first aqueous solution to about 1,5 to 4,5, wherein the contact between the fruits, vegetables or mushrooms and the first aqueous solution is effective to reduce a microbial concentration on the fruits, vegetables or mushrooms, and (b) contacting the fruits, vegetables or mushrooms with a second aqueous solution comprising a chelating agent and an antioxidant, wherein the second aqueous solution has a pH of about 7.0 to 9.0 wherein the fruits, vegetables or mushrooms are contacted with the second aqueous solution after being contacted with the first aqueous solution.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.100/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF IMATINIB TO TREAT LIVER DISORDERS AND VIRAL INFECTIONS"

(51) International classification :A61K 31/506
(31) Priority Document No :60/576,573
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000869
Filing Date :03/06/2005
(87) International Publication No :WO 2005/117885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 57

(57) Abstract :
The present invention relates to the use of imatinib for treating viral liver diseases and in particular for viral hepatitis. The invention provides the use of imatinib for inhibiting replication, transmission or both of hepatitis viruses. The invention further relates to the use of imatinib for inhibiting replication, transmission or both of other viruses including herpes virus, poxvirus, influenza virus, parainfluenza virus, respiratory syncytial virus, rhinovirus, yellow fever virus, west nile virus, and encephalitis virus.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1003/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : INHIBITORS OF HISTONE DEACETYLASE

(51) International classification :A61K 31/16
(31) Priority Document No :60/587,233
(32) Priority Date :12/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024512
Filing Date :08/07/2005
(87) International Publication No :WO 2006/017214
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MATTHEWS, JAY, M
4)MEINKE, PETER,T

No of Pages : 58
No of Claims : 6

(57) Abstract :
The present invention relates to hydroxamic acid derivatives that are inhibitors of histone deacetylase (HDAC). The compounds of the present invention are useful for treating cellular proliferative diseases, including cancer. Further, the compounds of the present invention are useful for treating neurodegenerative diseases, schizophrenia and stroke among other diseases. Further, the compounds of the present invention have antiprotozoal properties. 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1004/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUBSTITUTED N-ACYL-2-AMINOTHIAZOLES

(51) International classification :C07D 277/60
(31) Priority Document No :60/599,167
(32) Priority Date :05/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/008165
Filing Date :28/07/2005
(87) International Publication No :WO 2006/013054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GUERTIN, KEVIN, RICHARD
4)QI, LIDA

No of Pages : 41
No of Claims : 21

(57) Abstract :
There are presented compounds of the (Figure Removed) or a pharmaceutically acceptable salt thereof, which are useful in the treatment of diabetes, diabetic retinopathy, asthma and diarrhea.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1005/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HISTONE DEACETYLASE INHIBITORS

(51) International classification :C07C 275/04
(31) Priority Document No :60/587,186
(32) Priority Date :12/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024514
Filing Date :08/07/2005
(87) International Publication No :WO 2006/017216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BELVEDERE, SANDRO
2)HAMBLETT, CHRISTOPHER, LAURENCE
3)MILLER, THOMAS, A
4)WITTER, DAVID, J
5)YAN,JIAMING

No of Pages : 84
No of Claims : 16

(57) Abstract :
This invention relates to hydroxamic acid derivatives having a urea linkage, that are inhibitors of histone deacetylase (HDAC), and are useful in the prevention and/or treatment of cellular proliferative diseases, for example cancer, autoimmune, allergic and inflammatory diseases, diseases of the central nervous system (CNS) such as neurodegenerative diseases, and in the prevention and/or treatment of restenosis. 85

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1006/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CRYSTALLINE POLYMORPH OF PIPINDOXIFENE HYDROCHLORIDE MONOHYDRATE

(51) International classification :C07D 401/12
(31) Priority Document No :60/599,603
(32) Priority Date :05/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027859
Filing Date :04/08/2005
(87) International Publication No :WO 2006/017722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
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(72)**Name of Inventor :**
1)DEMERSON, CHRISTOPHER
2)CHEAL, GLORIA

No of Pages : 23
No of Claims : 31

(57) Abstract :
The present invention is directed to a crystalline polymorph of pipindoxifene hydrochloride monohydrate, compositions containing the same, preparations thereof, and uses thereof

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1007/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HISTONE DEACETYLASE INHIBITORS.

(51) International classification :A61K 38/12
(31) Priority Document No :60/587,185
(32) Priority Date :12/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024513
Filing Date :08/07/2005
(87) International Publication No :WO 2006/017215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BELVEDERE, SANDRO
2)METHOT, JOEY
3)MILLER, THOMAS, A.
4)WITTER, DAVID, J.
5)YAN, JIAMING

No of Pages : 83
No of Claims : 18

(57) Abstract :
This invention relates to hydroxamic acid derivatives having a sulfonamide linkage, that are inhibitors of histone deacetylase (HDAC), and are useful in the prevention and/or treatment of cellular proliferative diseases, for example cancer, autoimmune, allergic and inflammatory diseases, diseases of the central nervous system (CNS) such as neurodegenerative diseases, and in the prevention and/or treatment of restenosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1008/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROGESTERONE RECEPTOR MODULATORS COMPRISING PYRROLE-OXINDOLE DERIVATIVES AND USES THEREFOF

(51) International classification :A61K 31/404
(31) Priority Document No :60/599,900
(32) Priority Date :09/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023782
Filing Date :06/07/2005
(87) International Publication No :WO 2006/023107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
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(72)**Name of Inventor :**
1)FENSOME, ANDREW
2) MCCOMAS, CASEY,CAMERON
3) MELENSKI, EDWARD, GEORGE
4) MARELLA, MICHAEL, ANTHONY
5)WROBEL, JAY, EDWARD

No of Pages : 40
No of Claims : 34

(57) Abstract :
Pyrrole-oxindole derivatives useful as progesterone receptor antagonists are provided. Pharmaceutical compositions these derivatives are described, as is the use thereof in contraception and .hormone-related conditions

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.101/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF STEROID FOR ENCHANCEMENT OF SKIN PERMEABILITY"

(51) International classification :A61K 31/436
(31) Priority Document No :0415994.3
(32) Priority Date :16/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/007740
Filing Date :15/07/2005
(87) International Publication No :WO 2006/008092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :LICHSTRASSE 35, CH-4056 BASEL SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)MEINGASSNER JOSEF GOTTFRIED

No of Pages : 37
No of Claims : 22

(57) Abstract :
A method for enhancing skin permeability by administration of a tetracyclic compound and improved methods for treatment of disorders by administration of a tetracyclic compound and a pharmaceutically active compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1010/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CCI-779 DERIVATIVES AND METHODS OF MAKING SAME

(51) International classification :C07D 405/06
(31) Priority Document No :60/600,337
(32) Priority Date :10/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028108
Filing Date :09/08/2005
(87) International Publication No :WO 2006/038972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
Address of Applicant :FIVE GIRALDA FARMS MADISON NEW JERSEY 07940 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)CAI PINGG
2)RUPPEN MARK
3)TSAO RUSS

No of Pages : 18
No of Claims : 20

(57) Abstract :
A method of generating synthetic metabolites OF CCI-779 is provided. Five novel CCI-779 derivatives are described, as are methods of using these derivatives for detecting CCI-779 metabolites in samples.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1011/DELNP/2007 A
(43) Publication Date : 27/04/2007

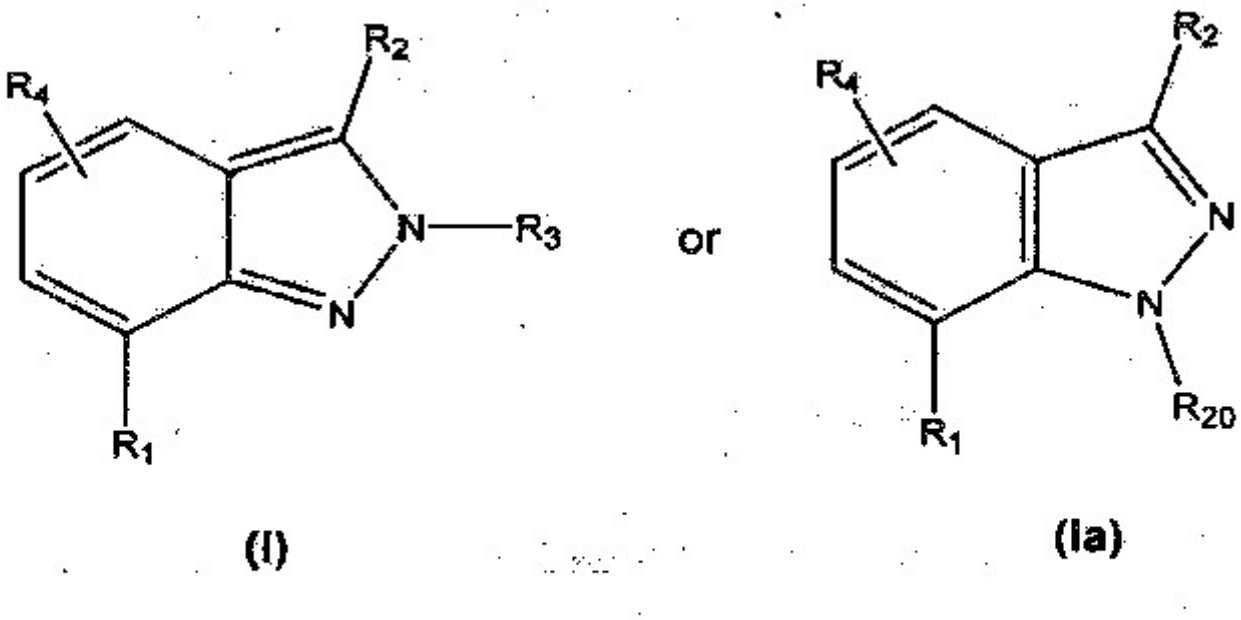
(54) Title of the invention : INDAZOLES USEFUL IN TREATING CARDIOVASCULAR DISEASES

(51) International classification :C07D 231/00
(31) Priority Document No :60/598,573
(32) Priority Date :03/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026970
Filing Date :01/08/2005
(87) International Publication No :WO 2006/017384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
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2)MATELAN, EDWARD, M
3)BOWEN STEPHEN, M
4)ULLRICH, JOHN W
5)WROBEL, JAY, E
6)ZAMARATSKI, EDOUARD
7)KRUGER, LARS
8)HEDEMYR, ANNABEL, L., OLSEN
9)CHENG, AIPING
10)HANSSON TOMAS
11)UNWALLA, RAYMAND, J
12)MILLER, CHRISTOPHER, P
13)RHONNSTAD, PATRIK,P

No of Pages : 321
No of Claims : 35

(57) Abstract :
This invention provides compounds of Formula (I) or (Ia):that are useful in the treatment or inhibition of LXR mediated diseases.



(I) (Ia)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1012/DELNP/2007 A
(43) Publication Date : 27/04/2007

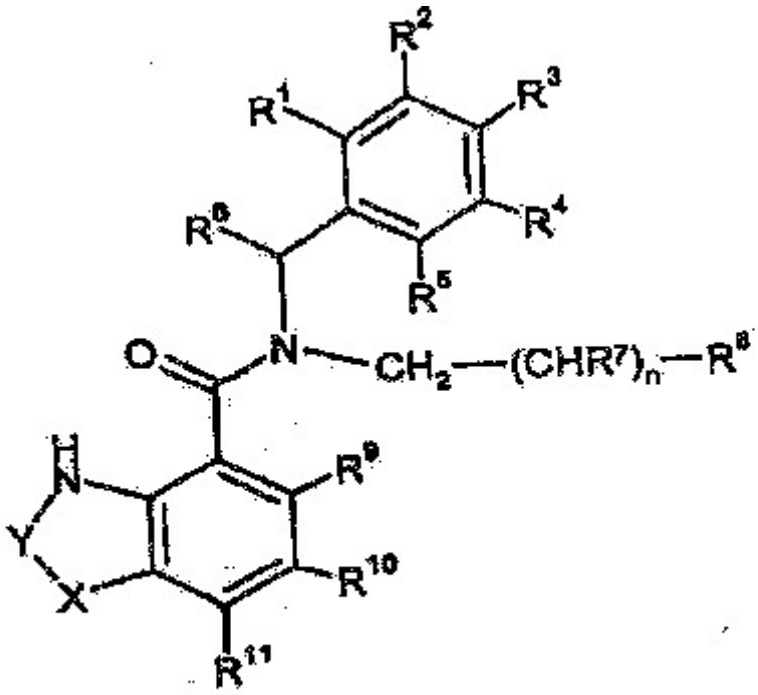
(54) Title of the invention : INDOLE, INDAZOLE OR INDOLINE DERIVATIVES

(51) International classification	:C07D 209/30
(31) Priority Document No	:04103762.3
(32) Priority Date	:08/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/008142
Filing Date	:27/07/2005
(87) International Publication No	:WO 2006/013048
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)KUEHNE, HOLGER
3)LUEBBERS, THOMAS
4)MAUGEAIS, CYRILLE
5)MUELLER, WERNER
6)PFLIEGER, PHILIPPE

No of Pages : 188
No of Claims : 12

(57) Abstract :
The present invention relates to compounds ofwherein defined in the description and claims, and phannaceutically acceptable salts thereof. The compounds are useful for the treatment and/or prevention of diseases which are mediated by CETP inhibitors.



I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1013/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATION THERAPY FOR DIABETES, OBESITY AND CARDIOVASCULAR DISEASES USING GDF-8 INHIBITORS

(51) International classification :A61K 38/18
(31) Priority Document No :60/600,784
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028766
Filing Date :11/08/2005
(87) International Publication No :WO 2006/020884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
Address of Applicant :FIVE GIRALDA FARMS MADISON NEW JERSEY 07940,USA. U.S.A.
(72)**Name of Inventor :**
1)TOBIN, JAMES, F.

No of Pages : 69
No of Claims : 36

(57) Abstract :
A method of treating obesity, cardiovascular diseases, and disorders of insulin metabolism in a subject, comprising administering to the subject a therapeutically effective amount of a GDF-8 inhibitor, and a therapeutically effective amount of at least one other therapeutic agent which treats the targeted syndrome.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1014/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OPTIMIZED LIQUID-PHASE OXIDATION

(51) International classification :C07C 51/265
(31) Priority Document No :60/606,739
(32) Priority Date :02/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030854
Filing Date :29/08/2005
(87) International Publication No :WO 2006/028815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GINO GEORGES LAVOIE
3)CHARLES EDWAN SUMNER, JR.,
4)BRYAN WAYNE DAVENPORT

No of Pages : 160
No of Claims : 36

(57) Abstract :
Disclosed is an optimized process and apparatus for more efficiency nd economically carrying out the liquid-phase oxidation of an oxidizable compound. Such liquid-phase oxidation is carried out in a bubble column reactor that provides for a highly efficient reaction at relatively low temperatures. When the oxidized compound is para-xylene and the product from the oxidation reaction is crude terephthalic acid (CTA), such CTA product can be purified and separated by more economical techniques than could be employed if the CTA were formed by a conventional high-temperature oxidation process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1015/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OPTIMIZED LIQUID-PHASE OXIDATION

(51) International classification :C07C 63/26
(31) Priority Document No :60/606,839
(32) Priority Date :02/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031052
Filing Date :29/08/2005
(87) International Publication No :WO 2006/028874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALAN GEORGE WONDERS
2)GINO GEORGES LAVOIE
3)CHARLES EDWAN SUMNER, JR.,

No of Pages : 157
No of Claims : 20

(57) Abstract :
Disclosed is an optimized process and apparatus for more efficiently and economically carrying out the liquid-phase oxidation of an oxidizable compound. Such liquid-phase oxidation is carried out in a bubble column reactor that provides for a highly efficient reaction at relatively low temperatures. When the oxidized compound is para-xylene and the product from the oxidation reaction is crude terephthalic acid (CTA), such CTA product can be purified and separated by more economical techniques than could be employed if the CTA were formed by a conventional high-temperature oxidation process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1016/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR WAKING A WIRELESS DEVICE"

(51) International classification :H04Q 7/32
(31) Priority Document No :10/903,093
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027021
Filing Date :28/07/2005
(87) International Publication No :WO 2006/015227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AMOL RAJKOTIA
2)RANGANATHAN KRISHNAN

No of Pages : 15
No of Claims : 9

(57) Abstract :
A method of reducing power consumption by waking a wireless device based on hashing a unique identifier of the wireless device is disclosed. A hash function is applied to a unique identifier; a wakeup time is determined based on the hashed unique identifier; and the wireless device is awoken at the wakeup time.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1017/DELNP/2007 A
(43) Publication Date : 27/04/2007

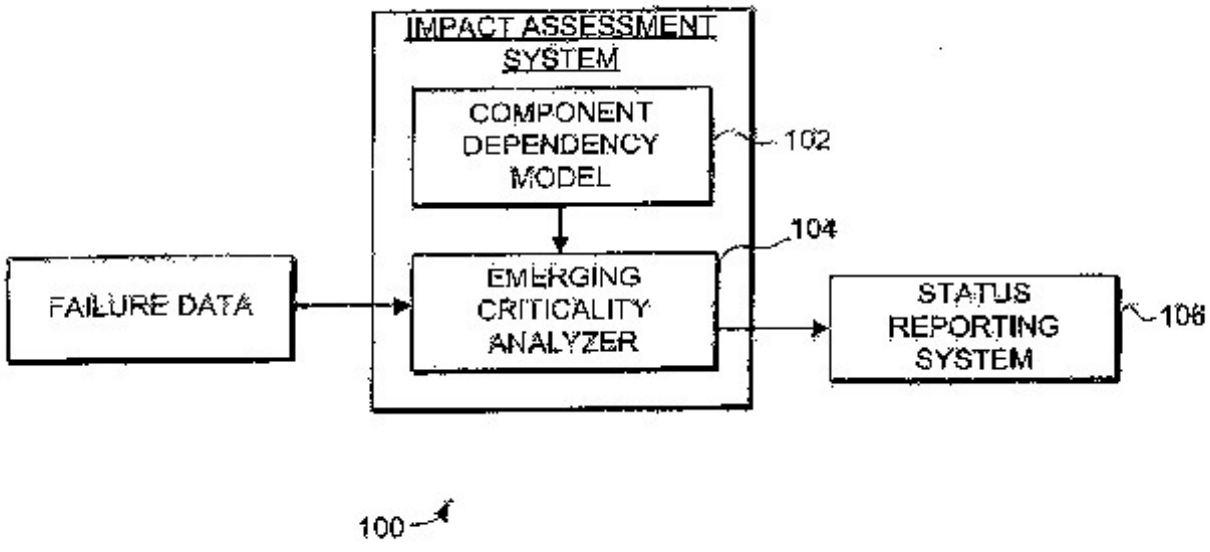
(54) Title of the invention : "IMPACT ASSESSMENT SYSTEM AND METHOD FOR DETERMINING EMERGENT CRITICALITY"

(51) International classification :G06F 17/60
(31) Priority Document No :10/901,385
(32) Priority Date :27/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025429
Filing Date :19/07/2005
(87) International Publication No :WO 2006/020226
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ELLIOTT H. RACHLIN

No of Pages : 41
No of Claims : 10

(57) Abstract :
An impact assessment system (100) and method for determining emerging criticality in a complex system is provided. The impact assessment system (100) includes a component dependency model and an emergent criticality analyzer. The component dependency model (102) describes the relationships between components in the system and their underlying dependency and criticality relationships. The impact assessment system (100) receives component failure data from the complex system and uses the component dependency model (102) and emergent criticality analyzer (104) to determine the impact of the component failure on the criticality of remaining components in the system. The impact assessment system (100) is thus able to determine how component failures in the complex system can impact the criticality of remaining components in the complex system and thus can assist in determining how those components may or may not be safely used in further operational activities.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007

(21) Application No.1018/DELNP/2007 A
(43) Publication Date : 27/04/2007

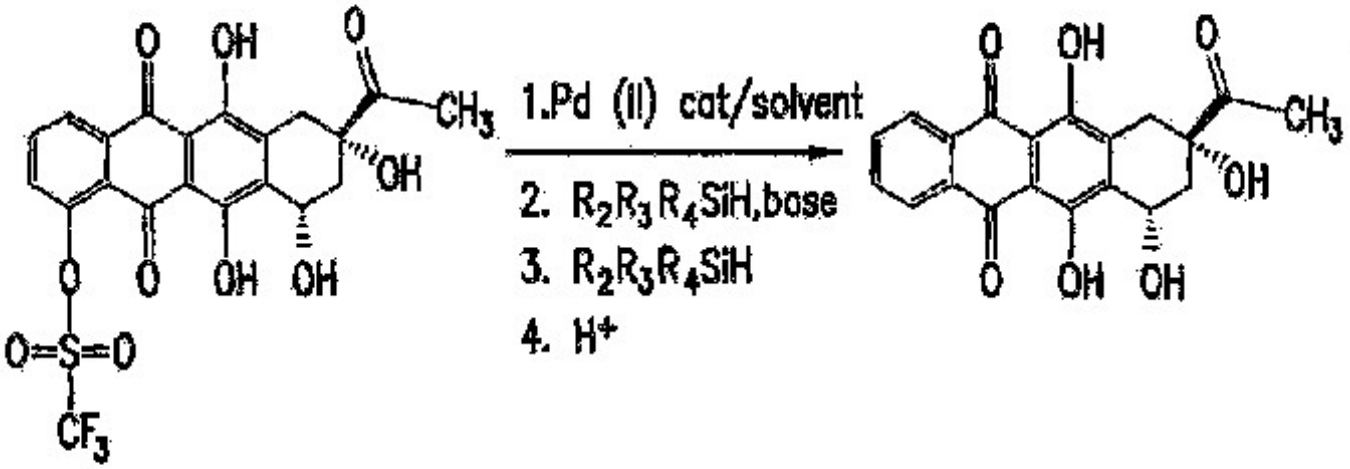
(54) Title of the invention : "SYNTHESIS OF IDARUBICIN AGLYCONE"

(51) International classification	:C07C 46/00
(31) Priority Document No	:60/604,038
(32) Priority Date	:23/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/030298
Filing Date	:23/08/2005
(87) International Publication No	:WO 2006/024016
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SICOR INC
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(72)**Name of Inventor :**
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2)ROBERTO AROSIO
3)ROBERTA FRETTA
4)NICOLA DIULGHEROFF

No of Pages : 24
No of Claims : 41

(57) Abstract :
The present invention provides a new method of producing high quality idarubicin aglycone from 4-protected demethoxydaunomycinones such as 4-demeth.oxydaunomycmone-4-triflate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2007
(21) Application No.1019/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF PRODUCING A COMPOSITION, COMPOSITION AND ITS USE"

(51) International classification :C07D 519/00
(31) Priority Document No :20043229
(32) Priority Date :30/07/2004
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2005/000281
Filing Date :28/07/2005
(87) International Publication No :WO 2006/011809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MIKKEL THANING

No of Pages : 33
No of Claims : 23

(57) Abstract :
The invention relates to a method of producing a composition comprising hyperpolarised 13C-pyruvale, the composition and its use as an imaging agent for MR imaging.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.102/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DIE ATTACH AREA CUT-ON-FLY METHOD AND APPARATUS"

(51) International classification :HO1L 21/00
(31) Priority Document No :60/582,741
(32) Priority Date :24/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022364
Filing Date :24/06/2005
(87) International Publication No :WO 2006/002335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CLARE THOMAS J.,
2)COTE ANDRE
3)ECKSTEIN ERIC

No of Pages : 31
No of Claims : 20

(57) Abstract :
A method and apparatus for bonding integrated circuits uniquely suited to high volume tag production is described, where conductive material of a substrate at the die-attach-area is cut before an. 1C chip or transponder is placed on the conductive material over the cut and bonded. The apparatus performs the method of placing a first chip on a substrate having a conductive layer, measuring the location of the first chip on the substrate, cutting the conductive layer at a location of an expected subsequently placed chip to form a cut based on the measured location of the first chip, and placing the subsequently placed chip on the substrate over the cut.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2003
(21) Application No.103/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF DIORGANOTRISULFIDE"

(51) International classification	:C07C 323/05
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PRADIPTA SINHA
2)SUJIT ROY

No of Pages : 12
No of Claims : 9

(57) Abstract :
The present invention discloses a process for the preparation of a diorganotrisulfide said process by reacting an organic halide and elemental sulfur (-rhombic) using catalytic copper (II) halide and tin (II) halide in a mixture of organic solvents at 30-70Â°C. 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.103/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND SYSTEM FOR SEGMENTING CUSTOMER DATA"

(51) International classification :G06F 17/60
(31) Priority Document No :10/302,418
(32) Priority Date :22/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB03/06470
Filing Date :21/11/2003
(87) International Publication No :WO 2004/049222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :02612/DELNP/2005
Filed on :15/06/2005

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2)HARIHARAN HARI S.,
3)SAITO MICHIKO

No of Pages : 40
No of Claims : 7

(57) Abstract :
A system and method for segmenting customer data that represents a plurality of customers for use in a customer interaction. The segmentation process groups customers with similar characteristics into segments. The segments may be used to classify customers according to a likelihood of the customers to accept a particular marketing offer. The segments may also be used as an analytic framework for customer portfolio management, product development, marketing strategy, and customer interaction capabilities. A multi-dimensional segmentation approach may be used to cross-segment a plurality of customers so that the customers included in the crossed segments can be profiled for more precise targeting of marketing offers. Customers may be segmented according to one or more data types stored in a data warehouse. The multi-dimensional segmentation approach may be applied to relationships between and among the data types to obtain a holistic view of what drives customer value. The segmentations may be driven by a business objective. This enables the segment analysis to be calibrated in the context of the stated business objective.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.104/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM FOR PROXIMITY DETERMINATION"

(51) International classification :G06F 15/00
(31) Priority Document No :60/583,338
(32) Priority Date :28/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000499
Filing Date :11/05/2005
(87) International Publication No :WO 2006/018826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIBSHOOSH ELIPHAZ
3)BELENKY YAACOV
4)BELENKY YAACOV

No of Pages : 36
No of Claims : 43

(57) Abstract :
A method for determining proximity between a first device and a second device, the method comprising providing a first Slice storing a first device private key, the first device having an associated secure first device certificate storing secured information, the secured information comprising a first device public key corresponding to the first device private key, providing a second device storing a second device private key, the second device having an associated secure second device certificate storing secured information, the secured information comprising a second device public key corresponding to the second device private key, and a second device processing delay, providing a copy of the second device certificate to the first device, establishing a secure authenticated channel between the first device and the second device, sending a proximity challenge from the first device to the second device, the proximity challenge including a numeric challenge value, receiving the proximity challenge at the second device, processing the proximity challenge at the second device to produce the response to the proximity challenge, and sending the response to the proximity challenge from the second device to the first device, receiving the response to the proximity challenge at the first device, and performing the following at the first device verifying, at the first device, that the response to the proximity challenge is legitimate, determining a gross time between sending the proximity challenge and receiving the response to the proximity challenge, subtracting the second device processing delay from the gross time to produce a net response time, and comparing the net response time to a first threshold and determining whether the first device and the second device are in proximity based on a result of the comparing. Related methods and apparatus arc also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.105/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD FOR CONTINUOUS ON-SITE RECYCLING OF AN ASPHALT MIXTURE LAYER OF A PAVEMENT AND A MOTOR-DRIVEN VEHICLE SYSTEM THEREFOR"

(51) International classification :E01C 23/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2004/018450
Filing Date :03/12/2004
(87) International Publication No :WO 2006/059401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)OGATA KOJIRO
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5)GOTO FUMIO
6)ABE TOMOYUKI
7)IRIE HIROAKI
8)FUJI ISAMI
9)ONODA KAZUO
10)IKEDA HIDEO
11)NAGAI EISUKE
12)GOMI ATSUKI
13)TSUNABUCHI MASAKI

No of Pages : 78
No of Claims : 29

(57) Abstract :
A method for recycling in place an asphalt mixture layer of a paved road continuously, while moving a self-propelled vehicle system, which comprises a step of heating and softening the asphalt mixture layer, a step of scraping and breaking said hot and softened asphalt mixture layer and keeping the softened mixture at a temperature sufficient not to form an aggregate, to prepare an asphalt mixture having a single-grained structure, a sieving step of classifying said asphalt mixture having a single-grained structure into a plurality of grain size groups, a step of designing mix proportions for converting said asphalt mixture to a recycled asphalt mixture by the use of said plurality of grain size groups classified, a step of mixing uniformly said recycled asphalt mixtures having designed mix proportions, and a step of spreading and compacting said recycled asphalt mixtures having been mixed uniformly, to thereby form a recycled asphalt mixtures layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2007

(21) Application No.106/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TELECOMMUNICATIONS APPARATUS AND METHOD"

(51) International classification	:H04L 29/06
(31) Priority Document No	:0417117.9
(32) Priority Date	:30/07/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/US2003/021233
Filing Date	:02/07/2003
(87) International Publication No	:WO 2004/006538
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 33
No of Claims : 25

(57) Abstract :
A telecommunications system comprises a user equipment operable to request a bearer for communicating internet protocol data according to the second internet protocol (IPv4) to and from a gateway support node of a packet radio network. The gateway support node is operable to establish a tunnelling protocol bearer for communicating the internet packet data to and from the user equipment across the packet data network. The user equipment is operable in combination with the gateway support node to form a link local address. The link local address comprises an interface identifier including a tunnelling end identifier of the tunnelling protocol bearer which ends at a gateway support node of the core network part of the packet radio network. An internet protocol address according to the first internet protocol is requested from an address allocation server using the link local address. The user equipment is operable in combination with the gateway support node to receive an allocated internet protocol address according to the first internet protocol, and to communicate with the user equipment using the allocated internet protocol address. Embodiments of the present invention provide a facility for generating a link local address, which can be routed according to the first internet protocol to a server. As such the link local address can be used to acquire an internet protocol address from an address allocation server according to the first internet protocol. The acquired address can therefore be used to communicate internet protocol data, replacing the link local address with the acquired address of the user equipment.

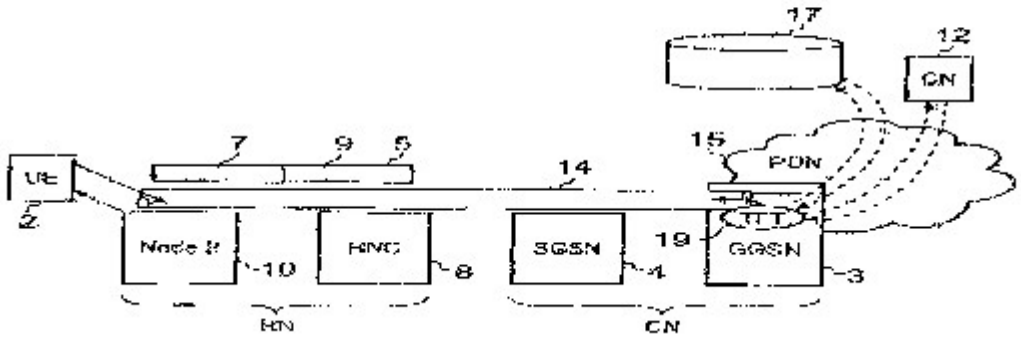


Fig. 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2007
(21) Application No.107/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND INFORMATION RECORD MEDIUM"

(51) International classification :G07F 7/08
(31) Priority Document No :P2004-206444
(32) Priority Date :13/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/012719
Filing Date :05/07/2005
(87) International Publication No :WO 2006/006546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TOSHIRO TERAUCHI

No of Pages : 97
No of Claims : 66

(57) Abstract :
An information processing system, an information processing apparatus, an information processing method, and an information record medium that are controlled to generate an operation effect sound that differs for each user of a card upon an operation for electronic money are provided. A card 10 records user information 12, balance information 13, and audio data 14. The card 10 makes a settlement of electronic money with a vending machine 20 to buy a commodity. When the card 10 is presented to the vending machine 20, it reads the user information 12, the balance information 13, and the audio data 14 from the card 10 through wireless communications. The vending machine 20 makes a settlement on the basis of both information of the commodity that a user has selected and the balance information 13. As a result, the vending machine 20 provides the selected commodity to the user. On the other hand, with audio data 14, at a predetermined timing of the settlement, a predetermined sound is output. Audio data may be stored only in the vending machine 20 or both in the card 10 and in the vending machine 20. A sound that differs for each user and for each event is output.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1086/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LIGHT COLLIMATING DEVICE"

(51) International classification :G02F 1/1335
(31) Priority Document No :60/600,272
(32) Priority Date :10/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028217
Filing Date :09/08/2005
(87) International Publication No :WO 2006/020610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TIMOTHY WOJCIECHOWSKI
3)THOMAS E. LASH

No of Pages : 47
No of Claims : 60

(57) Abstract :
A collimating device and a transflector for use in a system having a backlight is disclosed herein. In one embodiment of the application, the collimating device and the transflector each include an immersing layer, a reflecting layer, and an optical element layer formed from a plurality of three-dimensional, optical elements. Each optical element is tapered such that a small area end has a horizontal plane cross-sectional area that is less than that of a wide area end. The optical elements of the collimating device are tapered towards the backlight and the optical elements of the transflector are tapered away from the backlight. The reflecting layer has apertures which correspond to the position and shape of the light input ends of the optical elements.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1087/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR IDENTIFYING KEYWORDS FOR USE IN PLACING KEYWORD-TARGETED ADVERTISEMENTS"

(51) International classification :G06F 7/00
(31) Priority Document No :10/914,722
(32) Priority Date :09/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028148
Filing Date :08/08/2005
(87) International Publication No :WO 2006/020576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALEXANDER W. DENEUI

No of Pages : 23
No of Claims : 30

(57) Abstract :
A method and system for identifying search terms for placing advertisements along with search results is provided. The advertisement system selects a description of an item that is to he advertised. The indvertisemenl system then retrieves documents that match the selected description. The advertisement system generates a score for each word of the retrieved documents that indicates relatedness of the word to the ilem to he advertised. After generating Ihe scores for the words. Ihe advertisement system identifies phrases of the words within the documents that arc related to the item. The advertisement system then generates search terms for the ilem to be advertised from the identified phrases. The advertisement system submits the search terms and an advertisemenl to a search engines service for placement of a paid-for advertisement for the ilem.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1088/DELNP/2007 A
(43) Publication Date : 27/04/2007

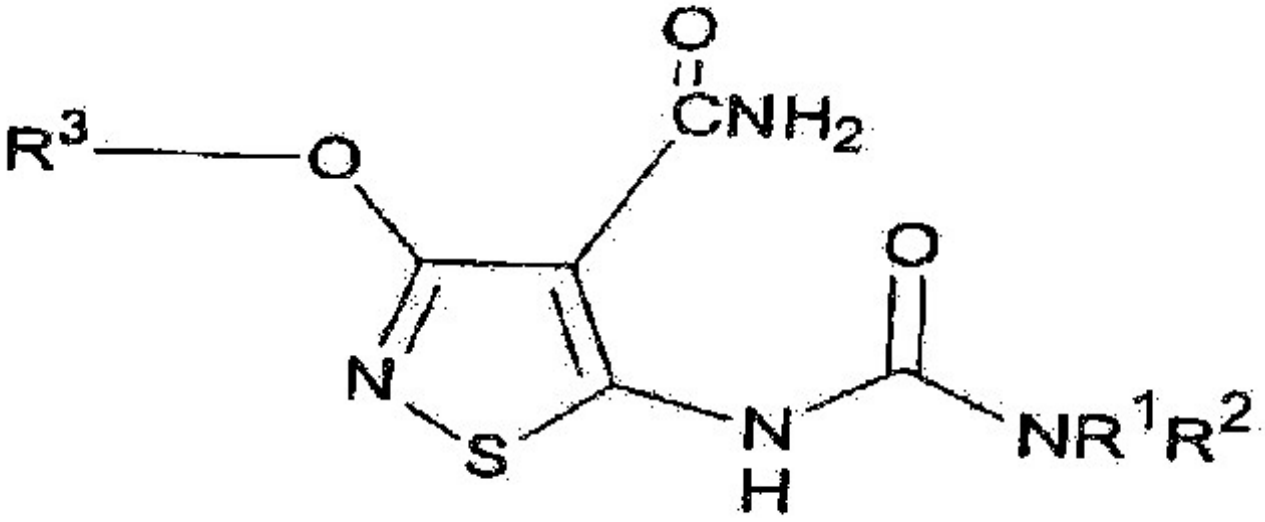
(54) Title of the invention : "PROCESSES FOR THE PREPARATION OF ISOTHIAZOLE DERIVATIVES"

(51) International classification :A61K 31/425
(31) Priority Document No :60/604,542
(32) Priority Date :26/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027398
Filing Date :02/08/2005
(87) International Publication No :WO 2006/026034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 56
No of Claims : 15

(57) Abstract :
Processes and intermediates for the preparation of compounds of the Formula (1) and the pharmaceutically acceptable salts, produgs, solvates and hydrates thereof, wherein R1 , R2 , and R3 have the definitions provided herein.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1089/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROPYL 3-BROMO-2-OXOPROPIONATE AND DERIVATIVES AS NOVEL ANTICANCER AGENTS"

(51) International classification :A61K 3
(31) Priority Document No :60/591,643
(32) Priority Date :28/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026702
Filing Date :28/07/2005
(87) International Publication No :WO 2006/020403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 133
No of Claims : 25

(57) Abstract :
The present invention is directed to compositions that inhibit glycolysis, preferentially in cancer. Specifically, the anticancer compositions comprise 3-halo-2-oxopropionate and its derivatives, such as ester derivatives. However, in specific embodiments, the anticancer composition is sodium 3-halo-2-oxopropionate, such as sodium 3-bromo-2-oxopropionate and a stabilizing agent, such as carbonic acid. In particular embodiments, the compositions of the present invention further comprise a metabolic intermediate for normal cells to utilize in a pathway for an alternate energy source, thereby providing protection to normal cells. In other embodiments, the 3-halo-2-oxopropionate or its ester derivative is used in combination with an additional cancer therapy, such as radiation and/or a drug.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1090/DELNP/2007 A
(43) Publication Date : 27/04/2007

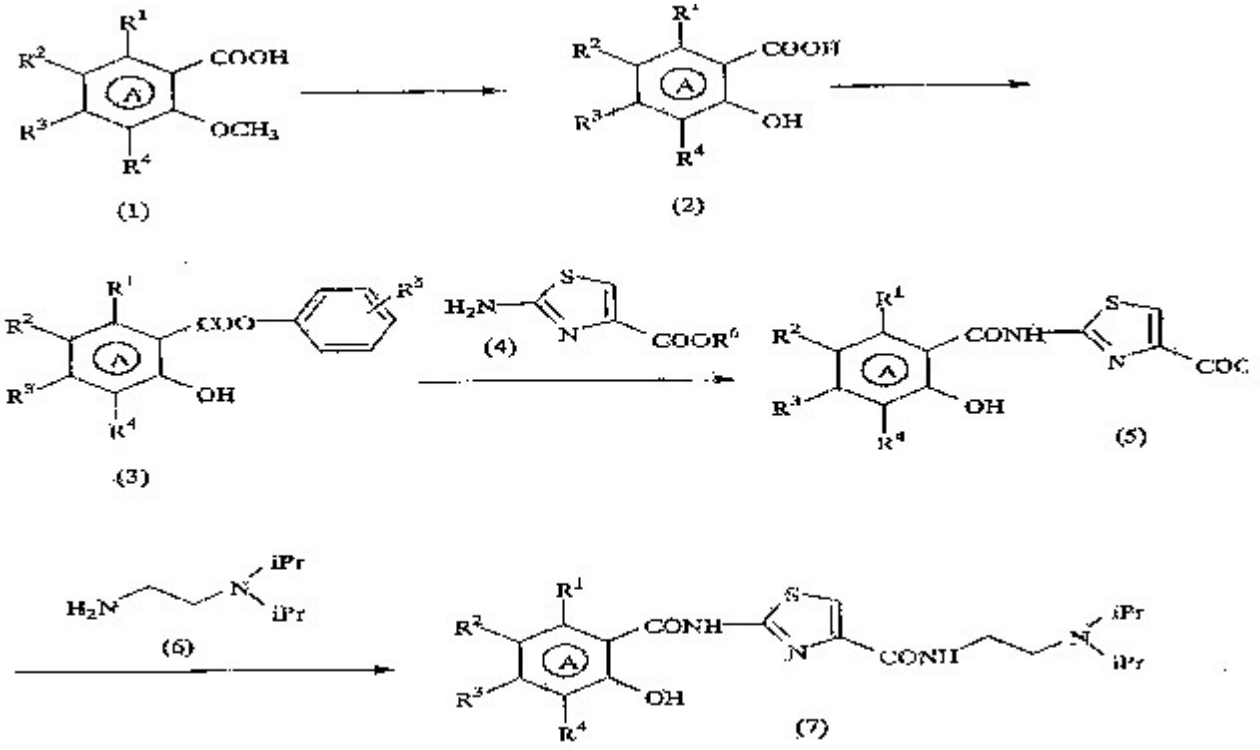
(54) Title of the invention : "METHOD FOR PRODUCING AMINOTHIAZOLE DERIVATIVE AND PRODUCTION INTERMEDIATE"

(51) International classification	:C07C 51/377
(31) Priority Document No	:2004-242759
(32) Priority Date	:23/08/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/015259
Filing Date	:23/08/2005
(87) International Publication No	:WO 2006/022252
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)YOSHIYUKI AIDA

No of Pages : 36
No of Claims : 14

(57) Abstract :
Provided is a method for selectively demethylating a 2-methoxy group. Specifically provided is a production method of a compound represented by formula (7) below through the following reactions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1091/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND APPARATUS FOR DOWNHOLE DETECTION OF CO2 AND H2S USING RESONATORS COATED WITH CO2 AND H2S SORBENTS"

(51) International classification :E21B 43/24
(31) Priority Document No :10/917,173
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028622
Filing Date :10/08/2005
(87) International Publication No :WO 2006/020799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 33

(57) Abstract :
A formation fluid sample is exposed to a rigidly-supported semi-permeable membrane such as silicone rubber to permit diffusion of gases and vapors from the formation fluid into a vacuum chamber, while at the same time, blocking the passage of any liquids. The membrane-transmitted gas is analyzed in the vacuum chamber by a resonator that reacts with it. The resulting change in resonant frequency of the resonator indicates the presence of a gas that reacts with it. An ion pump or sorbent is associated with the evacuated chamber to maintain the vacuum. The ion pump or sorbent removes gases and vapors from the low-pressure chamber, which have diffused into it from the reservoir sample that is on the opposite (high-pressure) side of the semi-permeable membrane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1092/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR PROVIDING BREATHABLE AIR AND BODILY PROTECTION IN A CONTAMINATED ENVIRONMENT"

(51) International classification :A62B 7/00
(31) Priority Document No :60/590,621
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025976
Filing Date :21/07/2005
(87) International Publication No :WO 2006/012475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 38
No of Claims : 32

(57) Abstract :
An apparatus for protecting a user in a hazardous or contaminated environment caused by chemical, fire, biological, and/or nuclear contamination includes a sclfconlaincd breathing apparatus (SCBA) for providing tank stored breathable air, a powered air purifying respirator (PAPR) for purifying ambient air and a valve system that can be used to control the source of air from either the SCBA or the PAPR. The source of breathable air can be selectively controlled via manual or automatic controls while a protective body suit can be operably coupled with the SCBA and the PAPR to protect a user within the contaminated environment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1093/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD OF CREATING CONTENT"

(51) International classification :G10H 1/00
(31) Priority Document No :P2004-269086
(32) Priority Date :16/09/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/015418
Filing Date :25/08/2005
(87) International Publication No :WO 2006/030612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TOSHIRO TERAUCHI
6)TORU SASAKI
7)YUICHI SAKAI

No of Pages : 66
No of Claims : 28

(57) Abstract :
By using various forms of sound content data prepared as a material, a new sound content of high-quality finished form can be easily created. A large amount of sound data used as material data is prepared in a material data storage section (31). Additional data attends the material data and is stored in a material database storage section (32). A control section (10) extracts necessary material data from the material data storage section (31) through the additional data according to one or both of external information received by a receiving section (20) and rule information stored in a re-construction rule database storage section (33) so as to create a new musical composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1094/DELNP/2007 A
(43) Publication Date : 27/04/2007

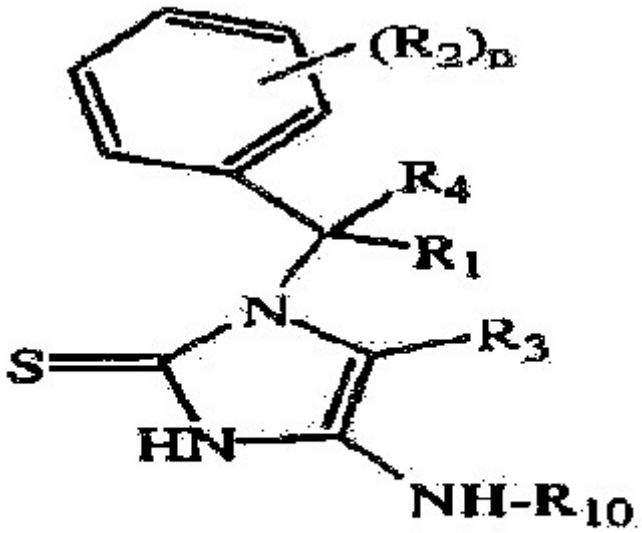
(54) Title of the invention : "MERCAPTOIMIDAZOLES AS CCR2 RECEPTOR ANTAGONISTS"

(51) International classification	:C07D 233/90
(31) Priority Document No	:04103875.3
(32) Priority Date	:11/08/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/053937
Filing Date	:10/08/2005
(87) International Publication No	:WO 2006/015986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GUSTAAF MARIA BOECKX

No of Pages : 64
No of Claims : 21

(57) Abstract :
The present invention relates to a compound of formula (I), a/V-oxide, a pharmaceutically acceptable addition salt, a quaternary amine and a stereochemically isomeric form thereof, wherein Rj represents hydrogen, C1-6alkyl, C3.7cycloalkyl, C=alkyloxyCi.6a)kyl, (I) di(C]_;alky])amino Calkyl, aryl or heteroaryl; each R2 independently represents halo, C,.6alkyl, Ci.jalkyloxy, C1-6alkylthio, polyhalo C1-6alkyl, polyhalo C1-6alkyloxy, cyano, aminocarbonyl, amino, mono-ordi(C1-4a]kyl)amino, nitro, aryl or aryloxy; R3 represents cyano, C(=O)-O-R5, C(=O)-NR6aR6b or C(=O)-R7; or a cyclic ring system; R4 represents hydrogen or C1-6alkyl; n is 1, 2, 3, 4 or 5; R10 represents hydrogen, C1-6alky], C1-6alkylcarbonyl, C1-6aJkyloxycarbonyl, arylcarbonyl, heteroarylcarbonyl, -C(=0)-NH-R5, -C(=S)-NH-R5 or -S(=O)2-R5. The invention also relates to processes for preparing the compounds of formula (I), their use as CCR2 antagonists and pharmaceutical compositions comprising them.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1095/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PRODUCING N-HALOGENATED ORGANIC COMPOUNDS"

(51) International classification :C07D 233/82
(31) Priority Document No :10/919,097
(32) Priority Date :16/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/01585
Filing Date :17/01/2001
(87) International Publication No :WO 01/52656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRUCE C. PETERS
3)EDGAR E. SPIELMAN, JR.
4)DUSTIN H. THOMAS

No of Pages : 50
No of Claims : 22

(57) Abstract :
The process enables highly effective N-halogenation of a compound having one or more halogenatable amido or imido functional groups in the molecule. The process involves, for example, concurrently feeding into a reactor (i) water, inorganic base, and the compound to be N-halogenated, e.g., a hydantoin, and a feed of (ii) a brominating agent and/or a chlorinating agent. The proportions of these feeds are such that the pH is kept at 5 or below or within a specified range e.g., 5.5-8.5 and one or more of the amido or imido nitrogen atoms is substituted by a bromine or chlorine atom. A feature of the process is that it can be conducted at elevated temperatures as high as about 90Â°C without appreciable thermal decomposition of reactants or product. The resultant product continuously precipitates in high yield and purity. Moreover, products can be produced that are very pale yellow to almost pure white in appearance. Further, the process has been found capable of producing l,3-dibromo-5,5-dimethylhydantoin with far larger particle sizes than previously produced on a commercial basis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1096/DEL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN INTELLECTUAL PROPERTY ANALYSIS AND REPORT GENERATING SYSTEM AND METHOD

(51) International classification :G06Q99/00
(31) Priority Document No :11/137488
(32) Priority Date :26/05/2005
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RESNICK, JASON
2)MANDEL, DAVID R.

No of Pages : 67
No of Claims : 127

(57) Abstract :
A method and apparatus for analysing intellectual property information and generating a report is disclosed. A user input is received which comprises a user selection of one of a plurality of templates defining a plurality of predetermined intellectual property analyses, or user selections of a plurality of predetermined intellectual property analyses. Intellectual property data is retrieved from at least one database in dependence upon intellectual property data required for the selected intellectual property analyses. The predetermined intellectual property analyses are performed on the retrieved intellectual property data to generate a plurality of sets of analysed data. A partial intellectual property analysis report is generated displaying said sets of analysed intellectual property data as graphics. Intellectual property interpretation data is received from an interpreter giving the interpreter"s interpretation of at least one of the displayed set of analysed intellectual property data. The intellectual property interpretation data for the at least one displayed set of analysed intellectual property data is included in the partial intellectual property analysis report to generate the complete intellectual property analysis report.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1096/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AIR POWER GENERATOR TOWER"

(51) International classification	:F03G 7/04	(71)**Name of Applicant :**
(31) Priority Document No	:04 08809	**1)ALAIN COUSTOU**
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(33) Name of priority country	:France	**2)PAUL ALARY**
(86) International Application No	:PCT/FR2005/050659	(72)**Name of Inventor :**
Filing Date	:08/08/2005	**1)PAUL ALARY**
(87) International Publication No	:WO 2006/018587	**2)ALAIN COUSTOU**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34
No of Claims : 11

(57) Abstract :
The invention is designed for continuous mass production of electrical energy at a low cost without pollution, without the emission of greenhouse gas, without the use of scarce natural resources, without waste, and without being adversely affected by the irregularity of wind movements. The invention is in the form of a hollow tower-shaped structure flared at its base, surrounded by an area of greenhouses and optimised to combine four forces and natural effects: the chimney effect, the greenhouse effect, the Coriolis force and the Venturi effect. The plant comprises in particular curved structures in order to create an artificial and self-maintained whirlwind, shutters at the periphery in order to take advantage of the wind and basins optimised for storing heat energy provided by the sun and optionally the effluents of nuclear power plants, various industrial activities or geothermal water. The production capacity of such a plant is several hundred MW and the KW/hour cost should be particularly low.

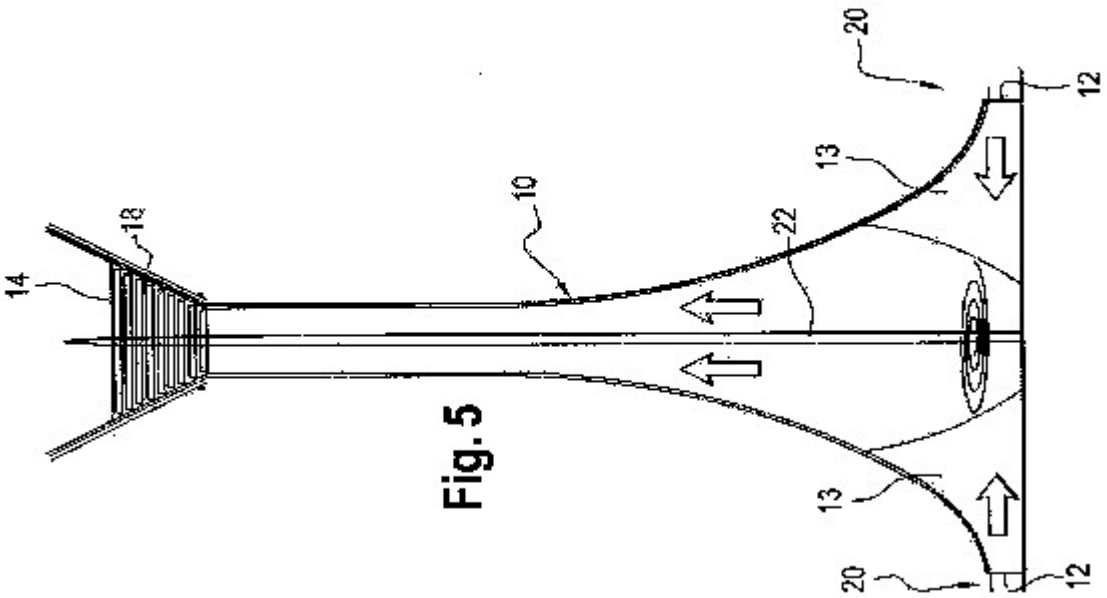


Fig.5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1097/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TUBE SEALING DEVICE"

(51) International classification :B65B 51/32
(31) Priority Document No :60/590,123
(32) Priority Date :22/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025820
Filing Date :20/07/2005
(87) International Publication No :WO 2006/012387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WOODS, ELMER, B
2)BEIEFNICK, BRUCE, A
3)SLEMIN, ROBERT, M

No of Pages : 33
No of Claims : 18

(57) Abstract :
Tube sealing device for sealing a resilient thermoplastic tube. The tube sealing device includes a base (12) that supports a resilient thermoplastic tube (78) in a fixed position relative to the base. The heating tool (50, 52) and the cooling tool (54, 56) are coupled to the base for movement relative thereto. Relative movement between the heating tool and the base aligns the heating tool with a portion of the resilient thermoplastic tube. The heating tool operates to contact, pinch and heat the portion of the resilient thermoplastic tube. Relative movement between the cooling tool and the base aligns the cooling tool with the same portion of the resilient thermoplastic tube. The cooling tool operates to contact, pinch and cool the resilient thermoplastic tube to form a seal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1098/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PACKAGE FOR POURING A GRANULAR PRODUCT"

(51) International classification :B65D 83/06
(31) Priority Document No :60/600,970
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028954
Filing Date :12/08/2005
(87) International Publication No :WO 2006/020967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YAMANE, SATOSHI

No of Pages : 16
No of Claims : 13

(57) Abstract :
A package (100) for dispensing a granular product has a first hollow body member'(110), a second hollow body member, and a pouring spout. The first hollow body member has a first exterior surface and opposite there from a first interior surface which defines a first internal volume. The second hollow body member has a second exterior surface, a second interior surface, a flow-regulating passage (132), and a dispensing passage separate from the flow-regulating passage. The second exterior surface defines a second external volume smaller than the first internal volume. Opposite the second exterior surface, the second hollow interior surface defines a second internal volume (130). The pouring spout is operatively connected to the dispensing passage. When the first internal volume is at least about 50% full of a granular product, the package may be tilted for dispensing at a dispensing angle which causes A package for dispensing a granular product has a first hollow body member, a second hollow body member, and a pouring spout. The first hollow body member has a first exterior surface and opposite therefrom a first interior surface which defines a second external volume. The second hollow body member has a second exterior surface, a flow-regulating passage, and a dispensing passage separate from the flow-regulating passage. The second exterior surface defines a second external volume smaller than the first internal volume. Opposite the second exterior surface, the second hollow interior surface defines a second internal volume. The pouring spout is operatively connected to the dispensing passage. When the first internal volume is at least about 50% full of a granular product, the package may be tilted for dispensing at a dispensing angle which causes the granular product to flow from the first internal volume through the flow-regulating passage into the second internal volume and from the second internal volume thorough the dispensing passage out of the package. When the flow rate is measured and calculated at dispensing angles of 120Â°, 150Â° and 180Â°, the standard deviation is less than about 30% of the average flow rate for each dispensing angle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1099/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FRACTIONATION OF CHARGED POLYSACCHARIDE."

(51) International classification :C08B 37/00
(31) Priority Document No :05251016.1
(32) Priority Date :23/02/2001
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB2005/003149
Filing Date :12/08/2005
(87) International Publication No :WO 2006/016161
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PAPAIOANNOU, IOANNIS
3)LAING, PETER

No of Pages : 75
No of Claims : 29

(57) Abstract :
Polydisperse and charged polysaccharides are fractionated into low polydispersity fractions [preferably having Pd<1.1], each containing species within a narrow range of molecular weights. An aqueous solution of the polydisperse polysaccharides is contacted with an ion exchange resin in a column and the polysaccharides are subjected to selective elution by aqueous elution buffer. The selective elution consists of at least 3 sequential elution buffers having different and constant ionic strength and/or pH and in which the subsequent buffers have ionic strength and/or pH than those of the preceding step. The new preparations are particularly suitable for the production of PSA- derivatised therapeutic agents intended for use in humans and animals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1100/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SIALIC ACID DERIVATIVES"

(51) International classification :C08B 37/00
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB2005/003160
Filing Date :12/08/2005
(87) International Publication No :WO 2006/016168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 52
No of Claims : 27

(57) Abstract :
An amine or hydrazide derivative of a sialic acid unit, e.g. in a polysaccharide, is reacted with a bifunctional reagent at least one of the functionalities of which is an ester of N-hydroxy succinimide, to form an amide or hydrazide product. The product has a useful functionality, which allows it to be conjugated, for instance to proteins, drugs, drug delivery systems or the like. The process is of particular utility for derivatising amine groups introduced in sialic acid terminal groups of polysialic acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1101/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "OPTICAL DEVICE FOR THE COLLECTION OF OPTICAL SIGNALS"

(51) International classification :G02B 17/08
(31) Priority Document No :0418002.2
(32) Priority Date :12/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003074
Filing Date :04/08/2005
(87) International Publication No :WO 2006/016124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 15

(57) Abstract :
The invention provides an optical collection device (26) comprising a first stage optical concentrating device (34) and a second stage optical collection unit (40) having a housing (42) and an array of individual light collecting elements (46) in the housing. The array of light collecting elements provide, in combination, a light entrance and a light exit, each light collecting element having a light entrance apenure (62), a light exit aperture (64), and a light collecting region (44) extendjng between the entrance aperture and the exit aperture. The light collecting region provides a tapering light reflecting surface (66) arranged to direct light received at the entrance aperture towards the exit aperture. The invention also provides an optical receiver (20) comprising such an optical collection device and having at least one detecting clement (21; 72, 74) arranged behind the light exit apertures to detect light transmitted by the optical collection unit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1102/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR MOORING A FLOATING VESSEL."

(51) International classification :B63B 21/50
(31) Priority Document No :0418898.3
(32) Priority Date :24/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/009131
Filing Date :24/08/2004
(87) International Publication No :WO 2006/021433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CANEPA, LUCA

No of Pages : 36
No of Claims : 25

(57) Abstract :
A turret (401) and method for turret mooring a floating vessel. The turret (401) being rotatable with respect to the vessel about a turret axis (405). The turret (401) has a chaintable (413), at a first end of the turret. The chaintable (413), has a plurality of holes arranged at a first distance from the turret axis. The turret also has a hauling device (403) in the turret (401) for exerting a force on a mooring line or riser. The turret also has a beam (423) having a pulley (419; 421) fixed upon it. The beam (423) is rotatable about the turret axis (405). The chaintable (413), hauling device (403) and beam (423) are arranged such that when, in use, a pilot line, connected at a first end to the hauling device (403) and at a second end to the mooring line or riser, passes around the pulley (419; 421), the force exerted on the mooring line or riser by the hauling device (403) via the pilot line is, at the hauling device (403), substantially along the turret axis (405) and substantially towards the chaintable (413).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1103/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "UNDERWATER PIPE-LAYING APPARTUS AND METHOD"

(51) International classification :F16L 1/235
(31) Priority Document No :0420189.3
(32) Priority Date :10/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/009523
Filing Date :05/09/2005
(87) International Publication No :WO 2006/027189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GIOVANNINI, UMBERTO

No of Pages : 48
No of Claims : 33

(57) Abstract :
A pipe-laying apparatus (4) and method for laying or raising a pipeline (7) from a vessel (1). The apparatus (4) includes a first pipe gripping assembly (5) disposed on a pipe laying path along which pipeline passes during laying, a second pipe gripping assembly (6) disposed on the 10 pipe-laying path, and a drive unit for causing relative movement in a direction along the pipe-laying path between the first pipe gripping assembly and the second pipe gripping assembly. The first pipe gripping assembly (3) includes both a pipe gripping arrangement (51) for griping a pipe during pipe-laying and a cable gripping arrangement (52) for gripping a cable during an operation when a cable is connected to a length of pileline (7).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1104/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYMERIC MATERIALS HAVING REDUCED TACK, METHODS OF MAKING THE MATERIALS AND CHEWING GUM COMPOSITIONS CONTAINING SUCH MATERIALS"

(51) International classification :A23G 4/08
(31) Priority Document No :0417938.8
(32) Priority Date :12/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003176
Filing Date :12/08/2005
(87) International Publication No :WO 2006/016179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRAIK-WHITE, HENRY
3)HASAN, EROL, AHMED
4)GIBSON, VOSS, MOORE

No of Pages : 49
No of Claims : 47

(57) Abstract :
A polymeric material having low tack which has a straight or branched chain carbon-carbon polymer backbone and a multiplicity of side chains attached to the backbone wherein the side chains, which are attached directly to carbon atoms of the polymer backbone, have the formula (I) or have the formula (II) wherein R1 is H, -C(O)OR or -C(O)Q and R2 is -C(O)OR4 or -C(O)Q provided that at least one of R1 and R2 is the group -C(O)Q, R3 is H or -CH3; R4 is H or an alkyl group having from 1 to 6 carbon atoms; Q is a group having the formula -O-(YO)b-(ZO)c-R5 , wherein each of Y and Z is, independently, an alkylene group having from 2 to 4 carbon atoms and R5 is H or an alkyl group having from 1 to 4 carbon atoms; a is 3 or 4 and each of b and c is, independently, 0 or an integer of from 1 to 125 provided that the sum b + c has a value in the range of from 10 to 250, preferably from 10 to 120. The polymeric material may be used to replace at least part of a water-insoluble gum base in a chewing gum composition to give a composition exhibiting reduced adhesion to surfaces.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1105/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SOLAR CELL (SLIVER) SUB-MODULE FORMATION"

(51) International classification :H01L 21/301
(31) Priority Document No :2004904479
(32) Priority Date :09/08/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001193
Filing Date :09/08/2005
(87) International Publication No :WO 2006/015430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EVERETT, VERNIE, ALLAN
2)BLAKERS, ANDREW, WILLIAM

No of Pages : 152
No of Claims : 116

(57) Abstract :
A solar ceil sub-module (100) fora photovoltaic device, including a plurality or elongate solar cells (slivers) (101) mounted in a structure that maintains the elongate solar cells in a longitudinally parallel and generally coplanar configuration, the structure providing one or more conductive pathways (201) electrically interconnecting the elongate solar cells (101). Also claimed are inventions related to releasing elongate substrate from a wafer frame; providing a plurality of mutually spaced elongate storage bins with a particular spacing; dispensing elongate solar cells into an alignment jig and attaching the cells to a substrate; engaging a length of electrical interconnect with a n engagement too) having spaced engagement sections and applying a cutting tool; forming an electrical connection in a photovoltaic module with a conductor defining an indirect path between locations in compensate for thermal expansion; maintaining the solar cell orientation of sliver solar cells when releasing them from a wafer frame; engaging only opposing faces of elongate substrates; interconnected by a wafer frame, when releasing them; storing elongate substrate in a stacked configuration with a translation mechanism.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1106/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AXIAL FLUX INDUCTION ELECTRIC MACHINE"

(51) International classification :H02K 17/16
(31) Priority Document No :20041113
(32) Priority Date :25/08/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000367
Filing Date :25/08/2005
(87) International Publication No :WO 2006/021616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PIISPANEN ARI

No of Pages : 21
No of Claims : 12

(57) Abstract :
The invention relates to an axial flux induction electrical machine comprising a frame, a shaft (I) bearing-mounted to the frame, a disc-like rotor (2) supported to the shaft, a stator (4) comprising a stator winding (3) and1 supported by the frame on the first side of the rotor in axial direction. The disc-like rotor (2) comprises a non-ferromagnetic rotor frame (8) fabricated of a material with high electrical conductivity and comprising a uniform inner periphery (9) and an outer periphery (10) and conductor bars (II) fabricated of the same material and galvanically connecting the peripheries (II), the conductor bars together with the inner and outer peripheries forming in addition to the rotor frame also the cage winding of the rotor. In addition, between the inner periphery and the outer periphery there is a plurality of ferromagnetic pieces (12) extending through the frame plate and being spaced apart from each other at an appropriate distance so that the radial conductor bars are appropriately located between the pieces. According to the invention, the disc-like rotor frame (8) comprises at least one circular Plate machined of work-hardened metal sheet.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1107/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SOLVENT FOR POLYMERIZATION AND METHOD FOR PREPARING POLYMER USING THE SAME

(51) International classification :C08F 2/06
(31) Priority Document No :10-2004-0055958
(32) Priority Date :19/07/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/002310
Filing Date :18/07/2005
(87) International Publication No :WO 2006/009377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 6

(57) Abstract :
Disclosed are a solvent for polymerization and a method for preparing polymers using the same? The solvent is less harmful to the human body, causes a resultant polymer to be present always in a liquid phase, and is not evaporated during polymerization and thus is present in a polymer in such a manner that the whole polymer may serve as active component, resulting in reduction of the polymer production cost.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1108/DELNP/2007 A
(43) Publication Date : 27/04/2007

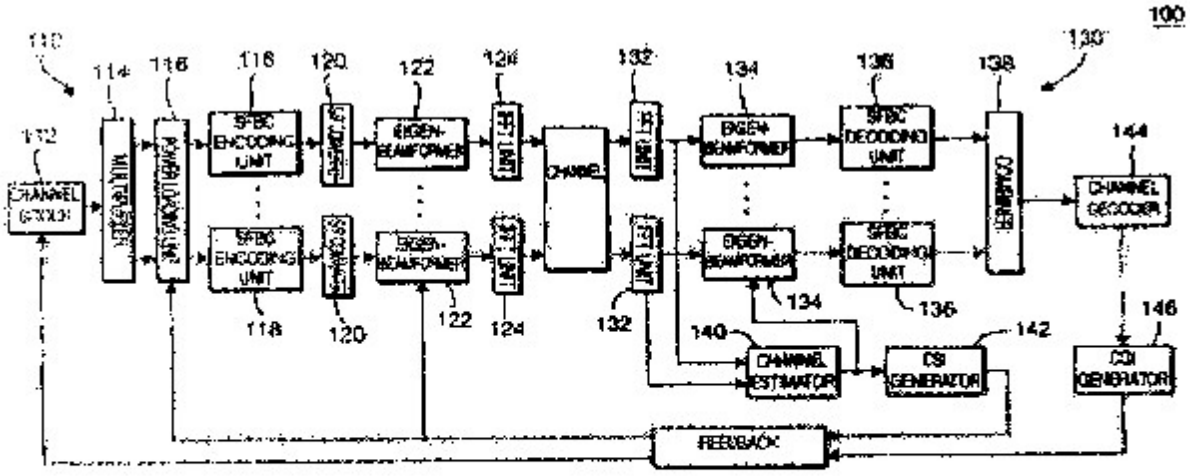
(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING SPACE FREQUENCY BLOCK CODING

(51) International classification :H04K 1/10
(31) Priority Document No :60/601,338
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028487
Filing Date :11/08/2005
(87) International Publication No :WO 2006/020741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)PASAD, KALPENDU R.

No of Pages : 23
No of Claims : 20

(57) Abstract :
The present invention is related to a method and apparatus for implementing space frequency block coding (SFBC) in an orthogonal frequency division multiplexing (OFDM) wireless communication system. The present invention is applicable to both a closed loop mode and an open loop mode. In the closed loop mode, power loading and eigen-beamforming are performed based on channel state information (CSI). A channel coded data stream is multiplexed into two or more data streams. Power loading is performed based on the CSI on each of the multiplexed data streams. SFBC encoding is performed on the data streams for each of the paired sub carriers. Then, eigen-beamforming is performed based on the CSI to distribute eyebeams to multiple transmit antennas. The power loading may be performed on two or more SFBC encoding blocks or on each eigenmodes. Additionally, the power loading may be performed across sub carriers or sub carrier groups for weak eigenmodes.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1109/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : INTRACELLULAR RECEPTOR MODULATOR COMPOUNDS AND METHODS

(51) International classification :A61K 31/4709
(31) Priority Document No :60/587,816
(32) Priority Date :14/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024625
Filing Date :12/07/2005
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KARANEWSKY, DONALD S.
7)HUDSON, ANDREW

No of Pages : 222
No of Claims : 211

(57) Abstract :
This invention relates to compounds of Formula I, II or III with the definitions of R1-R10 according to claim 1 that bind to intracellular receptors and/or modulate activity of intracellular receptors, and to methods for making and using such compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1110/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FUSED TRIAZOLE DERIVATIVES AS DIPEPTIDYL PEPTIDASE-IV INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES"

(51) International classification :A61P 3/00
(31) Priority Document No :60/603,727
(32) Priority Date :23/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/029591
Filing Date :19/08/2005
(87) International Publication No :WO 2006/023750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ASHTON, WALLACE. T.

No of Pages : 91
No of Claims : 21

(57) Abstract :
The present invention is directed to novel fused triazole derivatives which are inhibitors of the dipeptidyl peptidase-IV enzyme ('DPP-IV inhibitors') and which are useful in the treatment or prevention of diseases in which the dipeptidyl peptidase-IV enzyme is involved, such as diabetes and particularly type 2 diabetes. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which the dipeptidyl peptidase-IV enzyme is involved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1112/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VLA-4 ANTAGONISTS"

(51) International classification :C07K 5/078
(31) Priority Document No :60/601,942
(32) Priority Date :16/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028768
Filing Date :12/08/2005
(87) International Publication No :WO 2006/023396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHEN, WEICHAO
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3)MUNOZ, BENITO
4)VENKATRAMAN, SHANKAR
5)WANG, BOWEI

No of Pages : 41
No of Claims : 10

(57) Abstract :
Compounds of Formula (I) are antagonists of VLA-4, and as such are useful in the inhibition or prevention of cell adhesion and cell-adhesion mediated pathologies. These compounds may be formulated into pharmaceutical compositions and are suitable for use in the treatment of inflammatory bowel disease including ulcerative colitis and Crohn's disease, multiple sclerosis, asthma, and rheumatoid arthritis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1113/DELNP/2007 A
(43) Publication Date : 27/04/2007

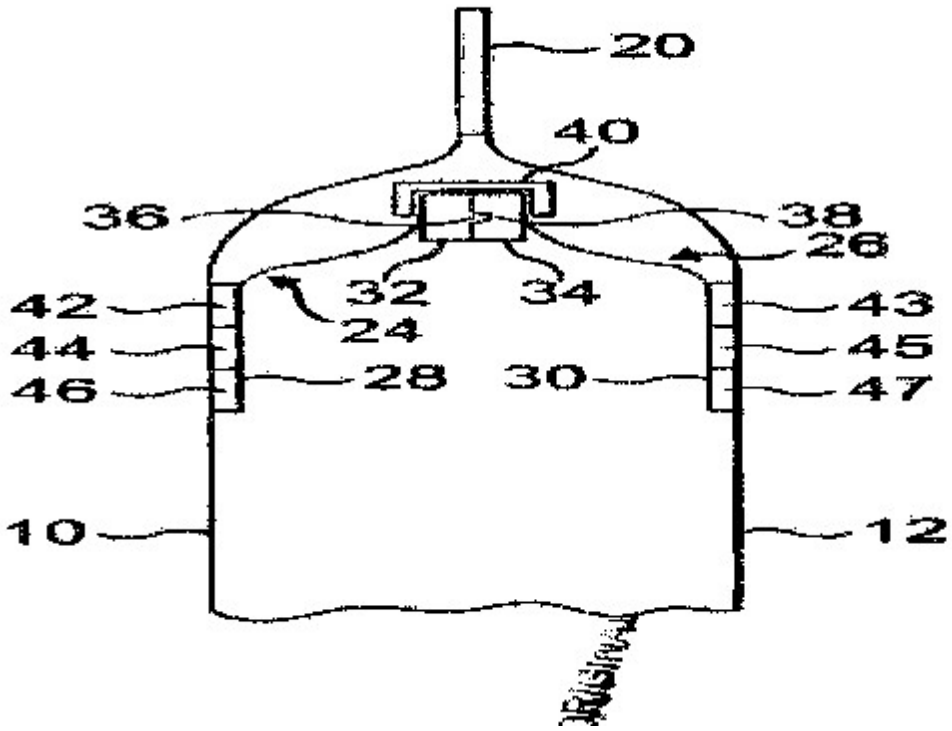
(54) Title of the invention : "RECLOSABLE BAG AND ZIPPER THEREFOR"

(51) International classification	:B21D 53/52
(31) Priority Document No	:0419218.3
(32) Priority Date	:28/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/003306
Filing Date	:24/08/2005
(87) International Publication No	:WO 2006/024827
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 15
No of Claims : 11

(57) Abstract :
A reclosable zipper fastener has a slider (40) and first and second profiles (24, 26). Each profile has a body (32, 34) and a flange (28, 30) which has three zones which are, successively and in the direction away from the body, an antiseal zone (42, 43), a line-of-weakness formation zone (44, 45) and a sealing zone (46, 47). The zipper can be used in a bag in which it is secured internally of a top seal (20), the line-of-weakness zones (44, 45) forming lines along which a top portion of the bag can be removed to open the bag. The bag can then be sealed using the zipper. A tamper-evident feature is thus provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1114/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DATA PROCESSING SYSTEM FOR ACCURATELY CALCULATING A POLICYHOLDER'S DISCOUNT IN A MEDICAL INSURANCE PLAN AND A METHOD THEREFOR

(51) International classification :G06F 17/60
(31) Priority Document No :2004/5935
(32) Priority Date :26/07/2004
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2005/002151
Filing Date :25/07/2005
(87) International Publication No :WO 2006/013425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BERGHORST, TIMOTHY

No of Pages : 41
No of Claims : 13

(57) Abstract :
A data processing system for accurately calculating a discount in a medical insurance plan comprises a premiums module adapted to access data regarding the amount of premiums paid by a policyholder of the medical insurance plan for a predetermined period. A claims module is adapted to access data regarding the amount of claims paid by the medical insurance plan to the policyholder for the predetermined period, the claims module being further adapted to access data to determine if there have been any claims submitted by a policyholder which have not yet been paid, and if so to apply a set of rules to each submitted claim which has not been paid to determine if it is likely to be paid, and if the claim is likely to be paid then adding the amount of the claim to the amount of claims already paid for the predetermined period. Finally, a discount module adapted to receive data from the premiums module and the claims module and to use the data to calculate a discount amount.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1115/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A MEHTOD OF EFFECTING A PAYMENT TO A SERVICE PROVIDER ON BEHALF OF A MEMBER OF A MEDICAL SCHEME

(51) International classification :G06Q 30/00
(31) Priority Document No :2004/6294
(32) Priority Date :06/08/2004
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2005/002365
Filing Date :08/08/2005
(87) International Publication No :WO 2006/016251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DISCOVERY HOLDINGS LIMITED
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(72)**Name of Inventor :**
1)POLLARD, ALAN

No of Pages : 17
No of Claims : 6

(57) Abstract :
A method of effecting a payment to a service provider on behalf of a member of a medical scheme, the method including: receiving a request from a service provider for payment in respect of services provided to a member of the medical insurance scheme; determining if payments made to service providers on behalf of the member exceed a predetermined amount within a predetermined period; if payments made exceed the predetermined amount, requesting a payment from a credit facility of the member; and if a payment from the credit facility of the member is approved then effecting payment to the service provider.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1116/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : THERAPEUTIC AND DIAGNOSTIC AGENTS

(51) International classification :C07K 4/12
(31) Priority Document No :2004904133
(32) Priority Date :23/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001086
Filing Date :22/07/2005
(87) International Publication No :WO 2006/007667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARRISON, LEONARD CHARLES
3)PURCELL, ANTHONY WAYNE
4)WILLIAMSON, NICHOLAS A.

No of Pages : 97
No of Claims : 22

(57) Abstract :
The present invention relates generally to the field of immunotherapy and immunodiagnosis of autoimmune conditions. More particularly, the present invention provides agents which are recognized by or are specific for proinsulin- or insulin-sensitized T-cells. The present invention further contemplates the use of the these agents in therapeutic and diagnostic applications for Type 1 diabetes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1117/DELNP/2007 A
(43) Publication Date : 27/04/2007

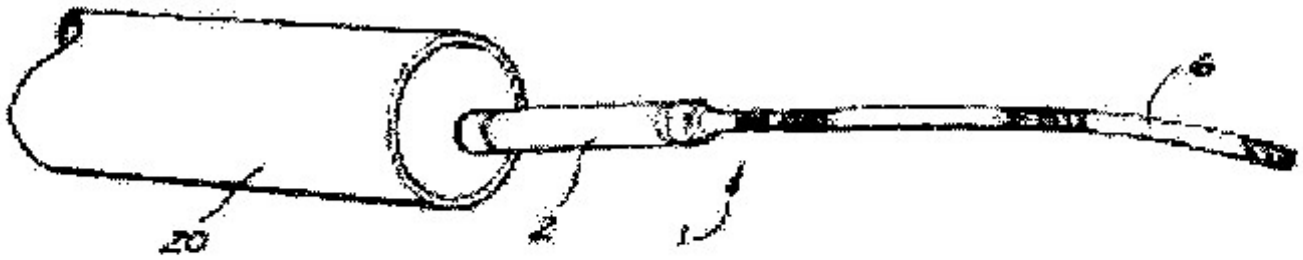
(54) Title of the invention : PLUGGING DEVICE AND METHOD

(51) International classification :F16L 55/134
(31) Priority Document No :2004904485
(32) Priority Date :10/08/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001105
Filing Date :27/07/2005
(87) International Publication No :WO 2006/015406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 20

(57) Abstract :
A plugging device (1) includes a bladder (2) which is adapted to expand or contract upon the ingress or egress of a fluid, such as air or other type of gas or liquid. Bladder (2) can be provided in a variety of sizes to suit a diameter or cross-sectional shape of pipe (20) to be repaired. The ingress or egress of air to/from bladder (2) is facilitated by adaptor (6). This allows a pump (40) to force air along adaptor (6) for ingress of air into bladder (2). At least part of adaptor (6) is made from a substantially heat resistant material able to withstand relatively high temperatures encountered during repair of pipe (20). Connector (5) and/or adaptor end connector (7) may be made of a heat insulating material.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1118/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVICE-TO-DEVICE SOFTWARE DISTRIBUTION

(51) International classification :G06F 9/445
(31) Priority Document No :10/925,896
(32) Priority Date :24/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001570
Filing Date :03/06/2005
(87) International Publication No :WO 2006/021835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LUNDIN, JIM

No of Pages : 24
No of Claims : 27

(57) Abstract :
A method and corresponding equipment by which software (11c) on a first device (11) is virally or otherwise distributed 1-r a second device (12), in which the first device (11) and second device (12) and possibly also a server (16) of the software (l1c) .exchange information sufficient for the first device (11) to determine whether it includes or stores a version of the software (22c) compatible with the second device (12), and if so, then provides a compatible version, but otherwise exchanges information with the second device sufficient for the second device to obtain a copy from the server (16).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1119/DELNP/2007 A
(43) Publication Date : 27/04/2007

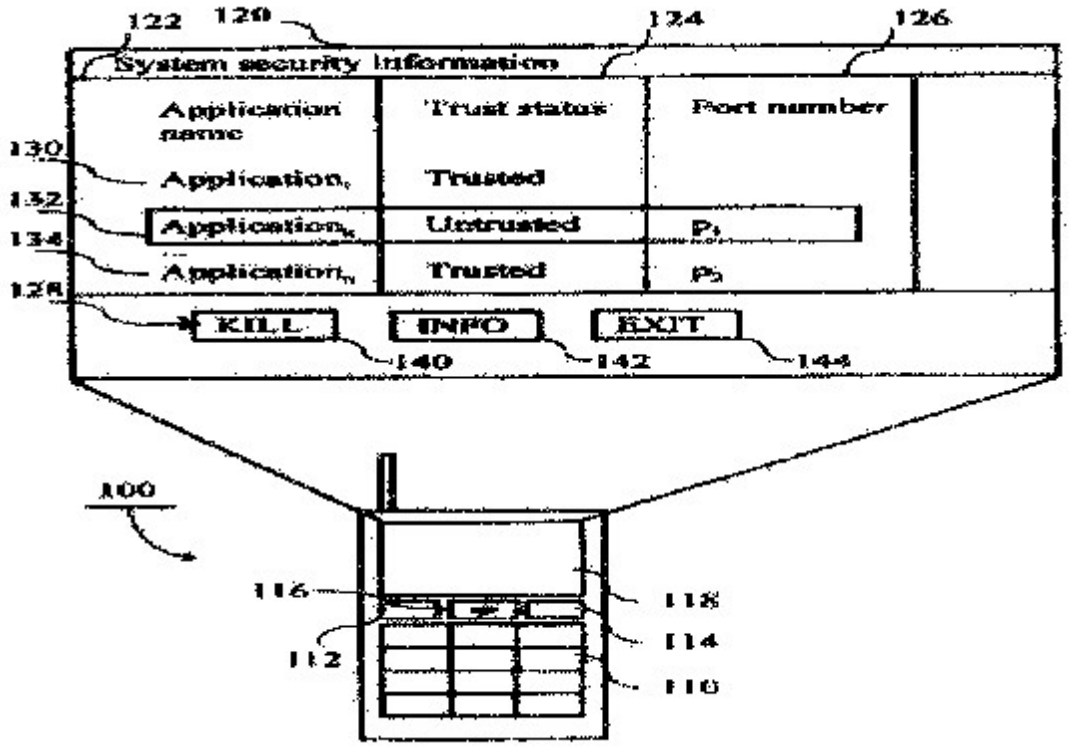
(54) Title of the invention : METHOD FOR THE MONITORING OF SYSTEM SECURITY IN ELECTRONIC DEVICES

(51) International classification :G06F 21/00
(31) Priority Document No :10/903,251
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2005/000347
Filing Date :29/07/2005
(87) International Publication No :WO 2006/010791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 19
No of Claims : 22

(57) Abstract :
a method, an electronic device and a computer program, for the monitoring of system security in an electronic device in the method a security monitoring entity initiation event provided by a user is detected. Security information on at least one application process executing in the electronic device is gathered, the security information is presented on a display in the electronic device after the presentation of the security information, the user is, for example, allowed to select at least one of the at least one application process and the at least one of the at least one application process is terminated.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1120/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MOBILE WIRELESS COMMUNICATIONS DEVICE WITH REDUCED INTERFERING ENERGY FORM THE DISPLAY AND RELATED METHODS"

(51) International classification :H04Q 7/32
(31) Priority Document No :60/605,786
(32) Priority Date :31/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000310
Filing Date :01/03/2005
(87) International Publication No :WO 2006/024133
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MANKARUSE GEORGE
6)ROBINSON JAMES
7)DRADER MARC

No of Pages : 56
No of Claims : 18

(57) Abstract :
A mobile wireless communications device includes a housing and circuit board carried by the housing and includes radio frequency (RF) circuitry and a processor carried by the circuit board and operative with each other. A display connector for an LCD connector is mounted on (he circuit board and adapted to be connected to a display. Display connection lines are carried by the circuit board and interconnect the display connector and processor for carrying signals from the processor to the display connector and a connected display. Filters are carried by the circuit hoard and connected lo the display connection lines and reduce any interfering energy from the processor and display.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1121/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HUMAN MONOCLONAL ANTIBODIES AGAINST HUMAN IL-4"

(51) International classification :C07K 16/24
(31) Priority Document No :0417301.9
(32) Priority Date :03/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/008361
Filing Date :02/08/2005
(87) International Publication No :WO 2006/013087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 53
No of Claims : 18

(57) Abstract :
Antibodies which are specific for human interleukin-4 and their use in the treatment of IL-4 and/or IgE mediated diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1122/DELNP/2007 A
(43) Publication Date : 27/04/2007

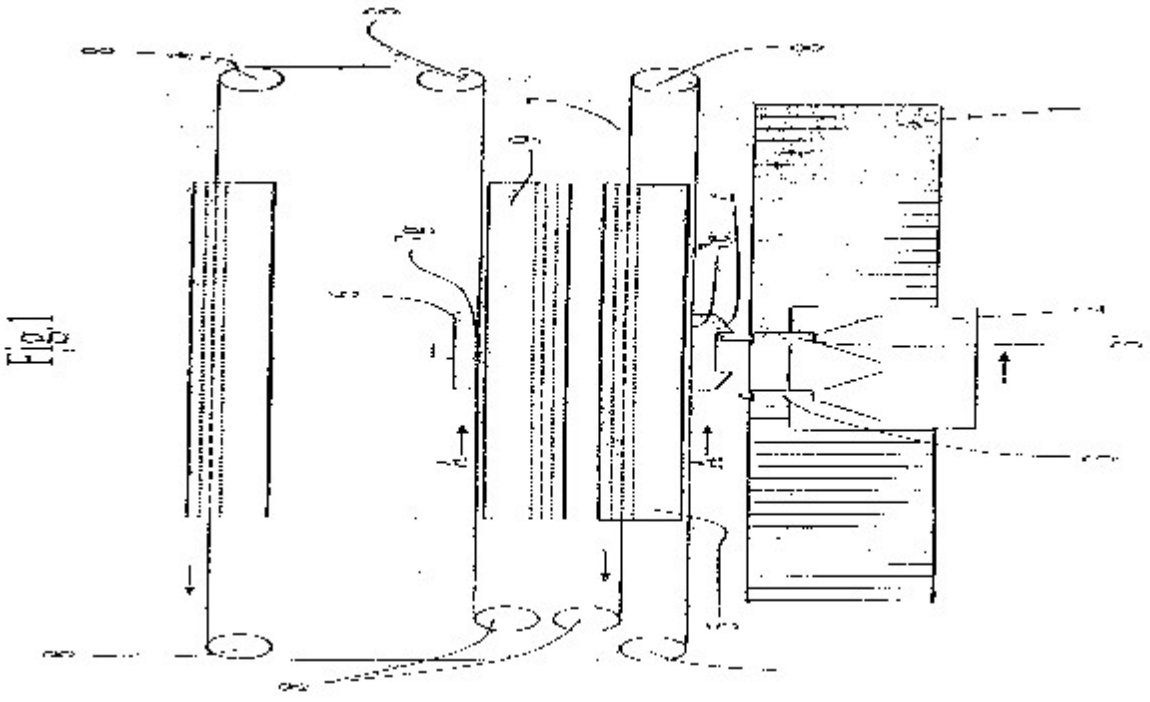
(54) Title of the invention : "DRIVE FOR A YARN GUIDE IN A KNITTING MACHINE"

(51) International classification :D04B 15/56
(31) Priority Document No :04 08817
(32) Priority Date :11/08/2004
(33) Name of priority country :France
(86) International Application No :PCT/IB2005/002363
Filing Date :08/08/2005
(87) International Publication No :WO 20006/018693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BASEGGIO OLIVIER
4)DUMONT PATRICK

No of Pages : 34
No of Claims : 16

(57) Abstract :
Knitting marcher comprising at least one bed (1) that supports needles and a cam carriage device (2) that moves on the bed to drive these needles, at least one yarn guide (6) mounted' movably in a striping bar (9), so that its yarn nose (12) can distribute a yarn to the needles, and a yarn guide (6) control device (3), in which machine -he yarn guide (6} control device (3) is connected to the can carriage (2) by a first mechanical connection all: wing its simultaneous movement with -he movement of the cam carriage, and in that the machine has, separate from -he yarn guide (6) and control device (3), a craver (4) located in a driving striping bar (5) and enraging with the control device (3) so as to be able tic be selected and driven by the control device (3), the yarn guide (6) being connected to the driver (4) by a second mechanical connection so that movement of the driver (4) moves the yarn guide (6) in its striping bar 3) in a synchronous manner, in the same direction and with the same amplitude as the movement of the car. Carriage (2).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007
(21) Application No.1123/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CYCLOSPORINS TO TREAT ALZHEIMER'S DISEASE"

(51) International classification :A61K 38/13
(31) Priority Document No :60/587,770
(32) Priority Date :13/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/007556
Filing Date :12/07/2005
(87) International Publication No :WO 2006/005580
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GAITHER LARRY ALEXANDER

No of Pages : 28
No of Claims : 6

(57) Abstract :
Non-immunosuppressive, cyclophilin-binding cyclosporins, :are useful as ncuraprotective agents, e.g. in the prevention or treatment of pathological conditions associated with AB secretion and/or production.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2007

(21) Application No.1124/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROTON CONDUCTING COPOLYMERS"

(51) International classification :C08G 65/44
(31) Priority Document No :04077266.7
(32) Priority Date :09/08/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/NL2005/000578
Filing Date :09/08/2005
(87) International Publication No :WO 2006/016805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 25

(57) Abstract :
Abstract: The present invention relates to proton conducting copolymers, preferably proton conducting block copolymers, according to formula (I) wherein the copolymer comprises 2,5- and/or2,6-di(p-R -aryl)phenol moieties and 2,5-and/or 2,6-di-R2 -phenol moieties; R1 is hydrogen or a C1 - C10alky 1 group; R1 is a C1 -C!0 alkyl group; and R3 is chloro, bromo or a heterocyclic group selected from l-pynoolyl, l-benzopyrazolyl, 1-imidazolyl, 1-benzoimidazolyl, 2,3-triazol-l-yl, 2,4-triazol-yl, 1,6-dihydropyridazin-l-yl, l,2-dihydropyrimidin-l-yl, l,2-dihydro-],3-benzodiazin-)-yl, l,2-dihydropyrazin-I-yl. l,2-dihydro-l,4-benzodiazin-l-yl, 1,2-dihydro-1 ,3,5-iriazin-l-yl and 3,4-dihydro-l,2,4-triazinyl, provided that within the copolymer at least one R3 is a heterocyclic group; p is in the range of 100 to 100.000; and q is in the range of 100 to 100.000. The proton conducting copolymers arc very suitable as membranes for fuel cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1125/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DEVICE FOR PRODUCING INJECTION MOLDED PARTS"

(51) International classification :B29C 45/18
(31) Priority Document No :10 2004 041689.3
(32) Priority Date :27/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/052870
Filing Date :21/06/2005
(87) International Publication No :WO 2006/024553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JENS LIEBHOLD
3)MARKUS BERNDT
4)RAINER ZIMMET
5)MATTHIAS SIEVERDING

No of Pages : 17
No of Claims : 15

(57) Abstract :
An apparatus for producing injection-molded parts, particularly PET]perform an extruder (1) for preparing and/or plasticizing material that is preferably in granular form, a transfer reservoir (2) for receiving prepared and/or plasticized material, and a piston unit (3) for processing the material, is designed to enable an energy- and space-saving and universally useable production of injection molded parts such that the extruder (1) is constructed as a twin-screw extruder (4), and that at least two process zones (6, 8) are configured as degassing zones.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007
(21) Application No.1126/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL USES OF 2-PHENYL-SUBSTITUTED IMIDAZOTRIAZINONE DERIVATIVES"

(51) International classification :A61K 31/53
(31) Priority Document No :10 2004 038 328.6
(32) Priority Date :06/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/008057
Filing Date :23/07/2005
(87) International Publication No :WO 2006/015715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HELMUT HANING

No of Pages : 31
No of Claims : 5

(57) Abstract :
The present invention relates to the use of PDE 5 inhibitors generally and in particular of known 2-phenyl-substituted imidazotriazinone derivatives for manufacturing medicaments for the treatment of pathological states which are treatable by raising cGMP levels in certain tissues, such as, for example, of acute myocardial infarction and reperfusion damage, of various pathological states of the female and male reproductive system and urogenital tract, of gastrointestinal disorders, diabetic damage and of renal failure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007
(21) Application No.1127/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INFORMATION PROCESSING APPARATUS, METHOD, AND PROGRAM"

(51) International classification :G06F 17/30
(31) Priority Document No :P2005-176519
(32) Priority Date :16/06/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2006/311742
Filing Date :12/06/2006
(87) International Publication No :WO 2006/134866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KEI TATENO
3)MARI SAITO
4)TOMOHIRO TSUNODA

No of Pages : 138
No of Claims : 11

(57) Abstract :
The present invention relates to an information processing apparatus, an information processing method, and a program in which a content piece matching preference information of a user or a content piece similar to a specified content piece can be searched for with a smaller amount of computation and can be provided to the user. Each of items of metadata (such as title, artist name, genre, review text, tempo, beat, and rhythm) of music is classified into any of cluster layers (first to n-th layers), and is classified (clustering) into a plurality of clusters provided in the cluster layers into which actual information of each of the items is classified. Then, instead of the metadata, cluster information including cluster IDs (such as CLll in Fig. 2) of the clusters into which actual information of each of the items of metadata is classified is compiled in a database as information indicating the features of music. The present invention can be applied to a homepage server for recommending a purchase of content such as music data, a video recorder for recommending a recording reservation of a television program, and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1128/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYSTALLINE CLOPIDOGREL HYDROBROMIDE AND PROCESSES FOR PREPARATION THEREOF"

(51) International classification :C07D 495/04
(31) Priority Document No :60/611,995
(32) Priority Date :21/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/034149
Filing Date :21/09/2005
(87) International Publication No :WO 2006/034451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 45
No of Claims : 76

(57) Abstract :
Provided are crystalline forms of clopidogrel hydrobromide and processes for their preparation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1129/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR RANKING OF DOCUMENTS USING LINK ANALYSIS, WITH REMEDIES FOR SINKS"

(51) International classification	:G06F 17/30
(31) Priority Document No	:10/918,713
(32) Priority Date	:16/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/028521
Filing Date	:10/08/2005
(87) International Publication No	:WO 2006/023357
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KENTH ENGO-MONSEN
3)MARC BURGESS

No of Pages : 47
No of Claims : 35

(57) Abstract :
A method, device, and computer program product for ranking documents using link analysis, with remedies for sinks, including forming a metagraph from an original graph containing a link and a node; and one of reversing a link in the meta-graph, and pumping a source in the metagraph.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1130/DELNP/2007 A
(43) Publication Date : 27/04/2007

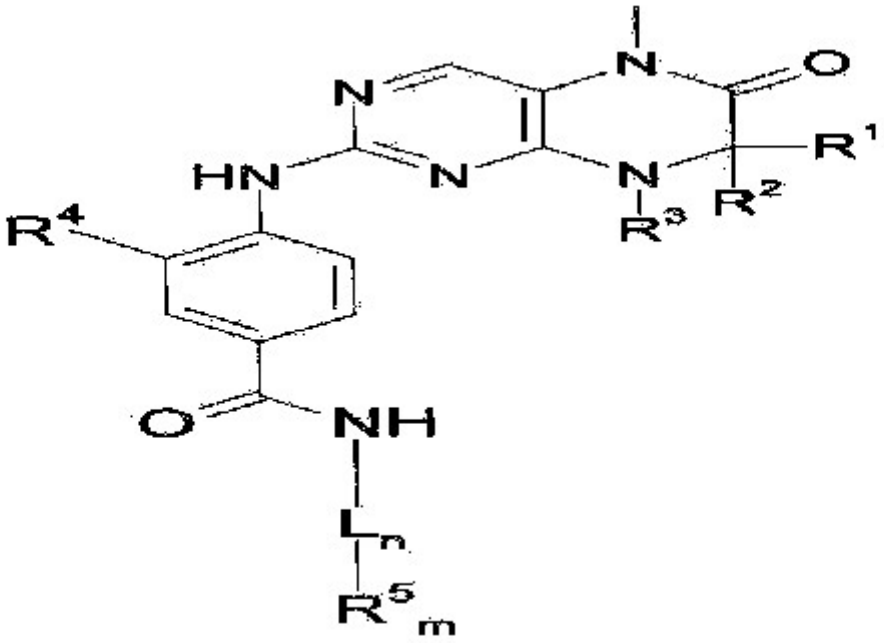
(54) Title of the invention : "DIHYDROPTERIDINONES FOR THE TREATMENT OF CANCER DISEASES"

(51) International classification	:C07D 475/04
(31) Priority Document No	:04 019 359.1
(32) Priority Date	:14/08/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2003/001935
Filing Date	:26/02/2003
(87) International Publication No	:WO 2004/076454
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 114
No of Claims : 13

(57) Abstract :
The present invention relates to the use of a compound of general Formula (1), optionally in form of its tautomers, racemates, enantiomers, diastereomers and the mixtures thereof and optionally in form of the pharmacologically acceptable acid addition salts, solvates, hydrates, polymorphs, physiologically functional derivatives or prodrugs thereof, for the preparation of a pharmaceutical composition for the treatment of diseases characterized by abnormal cell proliferation in a human or non-human mammalian body by inhibition of polo like kinases as mitotic regulators.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1131/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ZONE REACTOR"

(51) International classification :C07C 1/26
(31) Priority Document No :10/894,165
(32) Priority Date :19/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002829
Filing Date :02/02/2005
(87) International Publication No :WO 2006/019399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JEFFREY H. SHERMAN
3)ERIC W. MCFARLAND

No of Pages : 77
No of Claims : 37

(57) Abstract :
In a method of converting alkanes to their corresponding alcohols, ethers, olefins, and other hydrocarbons, a vessel comprises a hollow, unsegregated interior defined first, second, and third zones. In a first embodiment of the invention oxygen reacts with metal halide in the first zone to provide gaseous halide; halide reacts with the alkane in the second zone to form alkyl halide; and the alkyl halide reacts with metal oxide in the third zone to form a hydrocarbon corresponding to the original alkane. Metal halide from the third zone is transported through the vessel to the first zone and metal oxide from the first zone is recycled to the third zone. A second embodiment of the invention differs from the first embodiment in that metal oxide is transported through the vessel from the first zone to the third zone and metal halide is recycled from the third zone to the first zone. In a third embodiment of the invention the flow of gases through the vessel is reversed to convert the metal oxide back to metal halide and to convert the metal halide back to the metal oxide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007
(21) Application No.1132/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ULTRASONIC TECHNIQUE FOR ASSESSING WALL VIBRATIONS IN STENOSED BLOOD VESSELS"

(51) International classification :A61B 8/02
(31) Priority Document No :60/606,162
(32) Priority Date :31/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031135
Filing Date :31/08/2005
(87) International Publication No :WO 2007/001352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SIDDHARTHA SIKDAR

No of Pages : 83
No of Claims : 40

(57) Abstract :
Real time signal processing technique for trasonic imaging of tissue vibrations for localizing source of a brllnn 2D image with respect to anatomy and/or for obtaining simultaneous information about vibrations and underlying blood flow. The bruit can be quantitatively assessed using an ensemble of ultrasound echoes. Signal processing enables estimation of wall displacement and display of time-resolved vibration spectrum. Vibrations are detected and color-coded according to amplitude and frequency and overlaid on the B-mode and/or color-flow image in real time. Proposed vibration imaging algorithms use data acquired during conventional ultrasonic color-flow imaging and the clutter signal, normally suppressed in color-flow imaging, to detect and characterize tissue vibrations. Three vibration imaging algorithms based on parametric modeling of vibrations and other criteria distinguish between clutter, blood flow, and vibrations. The techniques are usable to detect, locate, image, and quantitatively grade stenoses in blood vessels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1133/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTRAVENOUS CATHETER DEVICE"

(51) International classification :A61M 5/178
(31) Priority Document No :10/890,645
(32) Priority Date :14/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002101
Filing Date :25/01/2005
(87) International Publication No :WO 2006/019395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 11

(57) Abstract :
A catheter appliance having a catheter in fluid communication with a luer connector is releasably secured to a catheter applicator having a track for slidably mounting a needle carrier module. The needle carrier module includes a hypodermic which extends through the catheter for insertion and which is in fluid communication with a flashback indicator on the module. The catheter applicator includes a needle cavity for containing the hypodermic needle after use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1134/DELNP/2007 A
(43) Publication Date : 27/04/2007

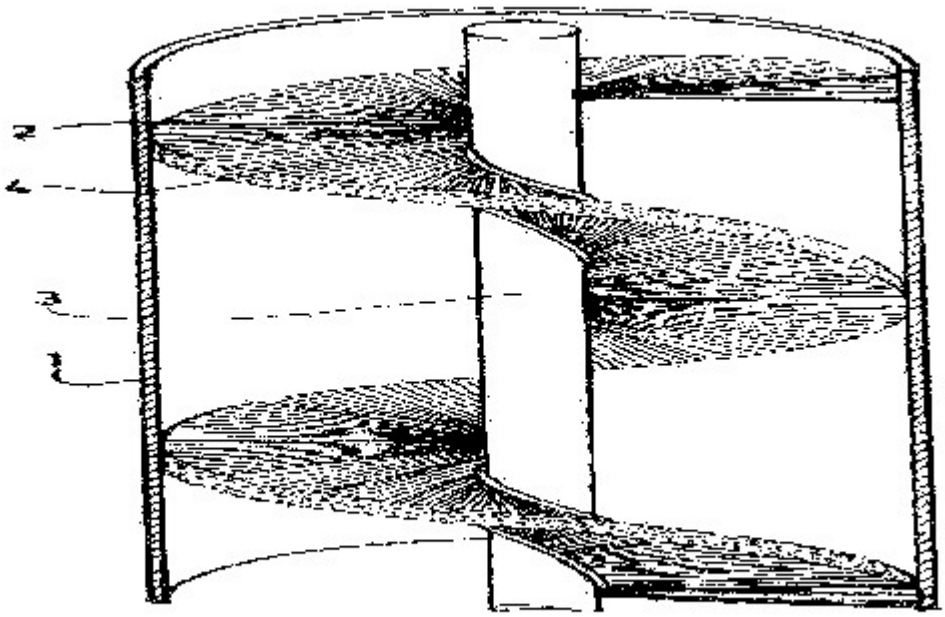
(54) Title of the invention : "DEVICE FOR LOADING A VESSEL WITH SOLID PARTICLES AND METHOD USING SAID DEVICE"

(51) International classification	:B65G 11/20
(31) Priority Document No	:0408875
(32) Priority Date	:13/08/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/002035
Filing Date	:05/08/2005
(87) International Publication No	:WO 2006/021662
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 18

(57) Abstract :
The invention relates to a device for introducing solid particles into a vessel, in particular into a chemical reactor which comprises a pipe, preferably flexible and cylindrical, through which said particles flow from the top downward and is characterised in that it also comprises at least one heli-coidal ramp (2) which is placed inside the pipe, wound around a central axis (2) and whose width is such that a distance between the external edge (4) of the ramp (2) and the pipe (1) is less than the size of introducible solid particles. A method using the inventive device is also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1135/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF OPTIMIZING PORTIONS OF A FRAME"

(51) International classification :H04L 1/00
(31) Priority Document No :60/590,538
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023978
Filing Date :07/07/2005
(87) International Publication No :WO 2006/023131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 27

(57) Abstract :
A method of optimizing performance in a wireless communication system are provided, the method transmitting a first parameter using a first channel before the optimization of one or more selected channels, wherein said first parameter comprises a modulation scheme used to optimize performance of one or more channels and a first schedule.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1136/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RESTRICTIVE REUSE SET MANAGEMENT"

(51) International classification :H04Q 7/36
(31) Priority Document No :60/590,549
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026096
Filing Date :22/07/2005
(87) International Publication No :WO 2006/012537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 46
No of Claims : 16

(57) Abstract :
A restrictive reuse set management algorithm for equal grade of service on a forward link (FL) transmission is described. While a restrictive reuse algorithm is known to improve the SIN~R of weak users in interference limited networks, the fairness issue associated with restrictive reuse has not been explored. The bandwidth allocated to each reuse set, the reuse set loading and the harmonic mean of the spectral efficiencies of all users sharing the reuse set are used to estimate the equal-grade-of-service (EGoS) user throughput over the reuse set. An iterative algorithm is then designed to maximize the sector throughput under the constraint of equal user throughput over all reuse sets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1137/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHOTOBIOREACTOR CELL CULTURE SYSTEMS, METHODS FOR PRECONDITIONING PHOTOSYNTHETIC ORGANISMS, AND CULTURES OF PHOTOSYNTHETIC ORGANISMS PRODUCED THEREBY"

(51) International classification	:C12N 1/00
(31) Priority Document No	:60/589,527
(32) Priority Date	:16/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/025367
Filing Date	:18/07/2005
(87) International Publication No	:WO 2006/020177
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 115
No of Claims : 18

(57) Abstract :
Certain embodiments of the invention involve methods and systems for preselecting, adapting, and preconditioning one or more species of photosynthetic organisms, such as algae, to specific environmental and/or operating conditions to which the photosynthetic organisms will subsequently be exposed during utilization in a photobioreactor apparatus of a gas treatment system. Also disclosed are new algal strains and cultures that can be produced by practicing the preselection, adaption, and preconditioning methods.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1138/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTI-HARMONIC TRANSFORMERS"

(51) International classification	:H02J 3/18
(31) Priority Document No	:0418992.4
(32) Priority Date	:26/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003322
Filing Date	:25/08/2005
(87) International Publication No	:WO 2006/021793
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ERIC ANTHONY LEWIS

No of Pages : 28
No of Claims : 15

(57) Abstract :
The invention provides a multi-transformer unit 20 for converting an input AC voltage at a first voltage level HV to a net output AC voltage at a second voltage level LV. The multi-transformer unit 20 can be used in place of a conventional transformer or an AC machine and is designed to suppress the transfer of harmonics between the input and output AC voltages. The unit comprises at least two phase-shifting transformers 22, 24, each transformer being operative to provide a phase shift relative to the first voltage level HV. On the primary side of the unit the transformers 22, 24 are arranged for independent connection to the first voltage level, whereas on the secondary side of the unit the transformers are linked such that voltage vectors on the secondary side of the unit are added together to at least partially cancel the harmonic pollution and give the net output AC voltage. Moreover, the phase shift of the phase-shifting transformers may be selected to completely or substantially add into the net AC output voltage of the multi-transformer unit 20 the fundamental voltage/frequency applied to its input AC voltage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1139/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A COUNTERION EXCHANGE PROCESS FOR PEPTIDES"

(51) International classification :C07K 1/20
(31) Priority Document No :60/616,010
(32) Priority Date :04/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/035868
Filing Date :04/10/2005
(87) International Publication No :WO 2006/041945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)ALEXANDER IVCHENKO
7)GABRIEL-MARCUS BUTILCA
8)GIL ZAOVI

No of Pages : 30
No of Claims : 17

(57) Abstract :
The invention encompasses a process for purifying a peptide comprising loading a peptide onto a RP-HPLC column; washing the column with an aqueous solution of a pharmaceutically acceptable counterion salt; and eluting the peptide from the column with a solvent mixture of a organic solvent and an acid of the pharmaceutically acceptable counterion, wherein the aqueous solution has a pH of at least about 6.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1140/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REINFORCED THERMOPLASTIC COMPOSITIONS WITH ENHANCED PROCESSABILITY"

(51) International classification :C08L 101/00
(31) Priority Document No :60/605,492
(32) Priority Date :30/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030598
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROGER W. AVAKIAN

No of Pages : 30
No of Claims : 10

(57) Abstract :
A thermoplastic composition is disclosed comprising a continuous phase of at least one thermoplastic polymer; and a non-polymeric precursor polymerizable to provide a polymerized reinforcing phase dispersed within the thermoplastic polymer. The precursor is polymerized after dispersion into the continuous phase of thermoplastic polymer. The flexural modulus of the thermoplastic polymer is thereby increased. Methods of making and using the composition are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1141/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PYRIMIDINE SULPHONAMIDE DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS"

(51) International classification :C07D 403/12
(31) Priority Document No :0419235.7
(32) Priority Date :28/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003257
Filing Date :23/08/2005
(87) International Publication No :WO 2006/024823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)PRESTON, CHERYLIN, FRANCIS
4)SMITH,NEAL MICHAEL
5)STONEHOUSE, JEFFREY, PAUL

No of Pages : 207
No of Claims : 22

(57) Abstract :
A compound of formula (1), or a pharmaceutically acceptable salt, solvate or in vivo hydrolysable ester thereof and pharmaceutical compositions comprising these, all for use in the treatment of chemokine mediated diseases and disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1142/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TUBE BUNDLE FOR OPTICAL FIBERS, AND METHOD OF MANUFACTURING SUCH BUNDLE"

(51) International classification :G02B 6/44
(31) Priority Document No :0417982.6
(32) Priority Date :12/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002945
Filing Date :27/07/2005
(87) International Publication No :WO 2006/016104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BROWN,GEORGE, HENRY,PLATT

No of Pages : 18
No of Claims : 33

(57) Abstract :
A tube assembly (202) for installation of one or more optical fibers is disclosed. The assembly comprises a plurality of elongate flexible first tubes (204) for receiving one or more optical fibers. A first layer (206) is arranged outwardly of the tubes, and a second layer (220) is arranged radically inwardly of the first layer to substantially fill a void between at least the radically outermost first tubes and the first layer.

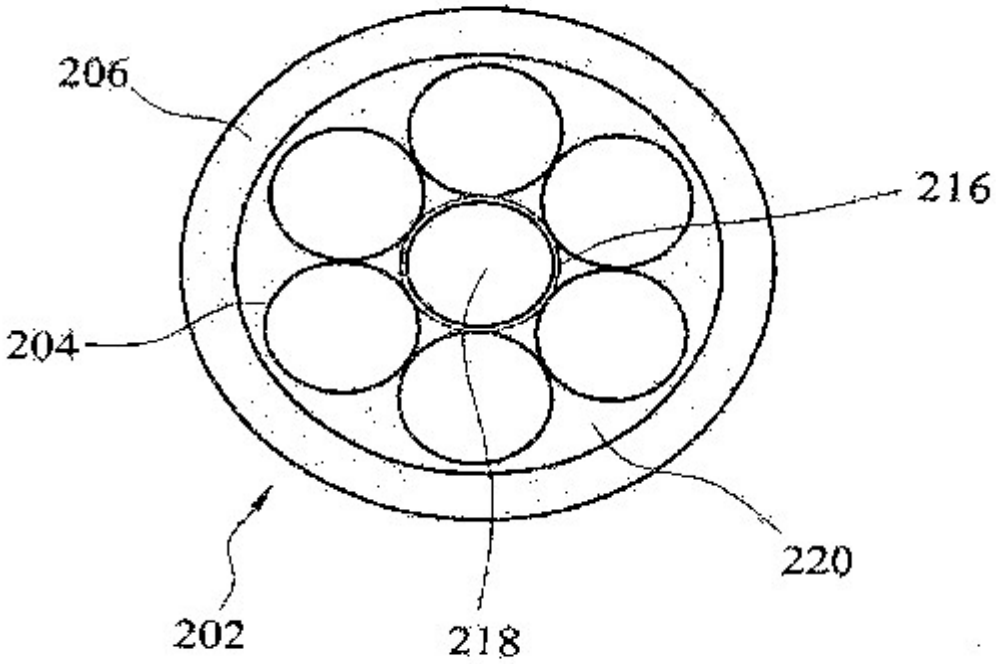


FIG.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1143/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PORPHYRIN DERIVATIVES AND THEIR USE IN PHOTON ACTIVATION THERAPY"

(51) International classification :A61K 31/409
(31) Priority Document No :0415663.4
(32) Priority Date :13/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002693
Filing Date :08/07/2005
(87) International Publication No :WO 2006/005924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 42
No of Claims : 24

(57) Abstract :
The present invention relates to the use of a compound of formula [I] in the manufacture of a Pharmaceuticals composition for cell death by photo activation therapy and the use of the compounds in the prevention and/or treatment of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007
(21) Application No.1144/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AUTOMATED EXTRACTION OF SEMANTIC CONTENT AND GENERATION OF A STRUCTURED DOCUMENT FROM SPEECH"

(51) International classification :G10L 15/18
(31) Priority Document No :10/923, 517
(32) Priority Date :20/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/029354
Filing Date :18/08/2005
(87) International Publication No :WO 2006/023622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FRITSCH, JUERGEN
2)FINKE, MICHAEL
3)KOLL, DETLEF
4)WOSZCZYNA, MONIKA
5)YEGNANARAYANAN, GIRIJA

No of Pages : 95
No of Claims : 95

(57) Abstract :
Techniques are disclosed for automatically generating structured documents based on speech, including identification of relevant concepts and their interpretation. In one embodiment, a structured document generator uses an integrated process to generate a structured textual document [such as a structured textual medical report] based on a spoken audio stream. The spoken audio stream may be recognized using a language model which includes a plurality of sub-models arranged in a hierarchical structure. Each of the sub-models may correspond to a concept that is expected to appear in the spoken audio stream. Different portions of the spoken audio stream may be recognized using different sub-models. The resulting structured textual document may have a hierarchical structure that corresponds to the hierarchical structure of the language sub-models that were used to generate the structured textual document.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1145/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS OF USING DEATH RECEPTOR LIGANDS AND CD20 ANTIBODIES

(51) International classification :C07K 16/28
(31) Priority Document No :60/607,834
(32) Priority Date :09/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032015
Filing Date :07/09/2005
(87) International Publication No :WO 2006/029275
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ASHKENAZI, AVI J

No of Pages : 100
No of Claims : 28

(57) Abstract :
Methods for using death receptor ligands, such as Apo-2 ligand/TRAIL polypeptides or death receptor antibodies, and CD20 antibodies to treat conditions such as cancer and immune related diseases are provided. Embodiments of the invention include methods of using Apo2L/TRAIL or death receptor antibodies such as DR5 antibodies and DR4 antibodies in combination with CD20 antibodies.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1146/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS OF USING DEATH RECEPTOR LIGANDS AND CD20 ANTIBODIES

(51) International classification :C07K 14/705
(31) Priority Document No :60/607,909
(32) Priority Date :08/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031907
Filing Date :07/09/2005
(87) International Publication No :WO 2006/029224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ASHKENAZI, AVI J

No of Pages : 97
No of Claims : 22

(57) Abstract :
Methods for using death receptor legends, such as Apo-2 legend polypeptides or death receptor antibodies, and CD20 antibodies to treat conditions such as cancer and immune related diseases are provided. Embodiments of the invention include methods of using Apo2L/TRAIL or death receptor antibodies such as DR5 antibodies and DR4 antibodies in combination with CD20 antibodies

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1147/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND DEVICE FOR INCINERATING COMBUSTIBLE MATERIAL"

(51) International classification :C04B 7/44
(31) Priority Document No :10 2004 044 447.1
(32) Priority Date :14/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/008764
Filing Date :11/08/2005
(87) International Publication No :WO 2006/029679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KASTINGSCHAFER GERHARD
2)RUOSS FRANK

No of Pages : 20
No of Claims : 14

(57) Abstract :
The invention relates to a method and a device lor incinerating combustible malerial in Ihe formol combustible waste generated during the production of cement. According to the invention, the combustible material is introduced into a combustion chamber and is burned by adding at least one first air flow while at least one second air flow is delivered in the area of the bottom of the combustion chamber. Said at least one second air flow is directed in such a way that the residues or remaining combustible materials located on Ihe bottom are moved by the second air How and enter in effective contact with the at least one first air flow.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1148/DELNP/2007 A
(43) Publication Date : 27/04/2007

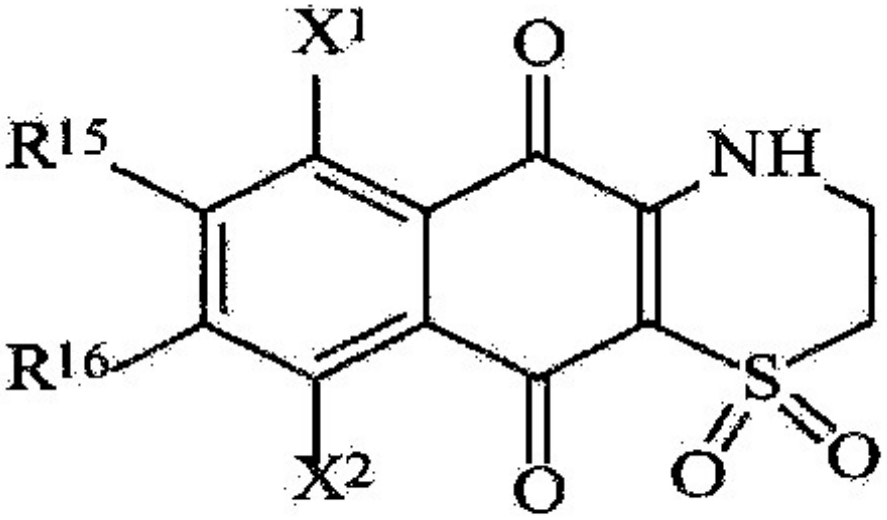
(54) Title of the invention : "INDOLEAMINE 2,3-DIOXYGENASE (IDO) INHIBITORS"

(51) International classification :C07D 513/04
(31) Priority Document No :60/587,060
(32) Priority Date :13/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/001087
Filing Date :13/07/2005
(87) International Publication No :WO 2006/005185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MAUK GRANT
5)VOTTERO EDUARDO
6)ROBERGE MICHEL
7)BALGI ARUNA

No of Pages : 45
No of Claims : 35

(57) Abstract :
Inhibitors of indoleamine 2,3-dioxygenase (IDO) are provided as are pharmaceutical compositions containing such inhibitors as well as the use of such inhibitors and compositions for the treatment of a condition in a mammalian subject characterized by pathology of the IDO-mediated tryptophan metabolic pathway. Such conditions may involve suppression of T-cell mediated immune response or may directly result from depletion of tryptophan or accumulation of a product of tryptophan degradation. Specific disease conditions include cataracts, age-related yellowing in the eye, neurodegenerative disorders, mood disorders, cancer and various bacterial/viral infections. IDO inhibitors of this invention are substituted naphthalene and anthracene diones. Novel compounds of this invention include the following taurine-substituted naphthaquinone structure.



VI

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1149/DELNP/2007 A
(43) Publication Date : 27/04/2007

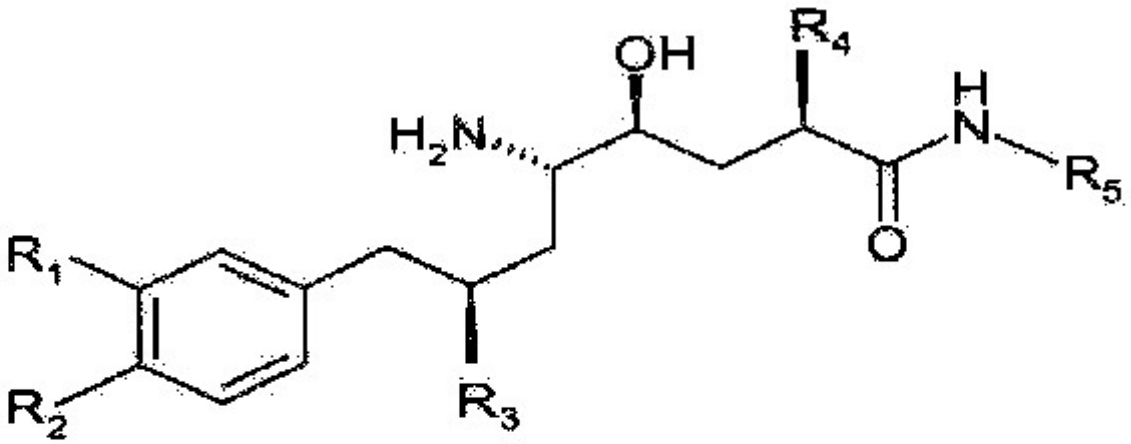
(54) Title of the invention : "ALTERNATIVE SYNTHESIS OF RENIN INHIBITORS AND INTERMEDIATES THEREOF"

(51) International classification	:C07C 53/128
(31) Priority Document No	:0419361.1
(32) Priority Date	:31/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/009347
Filing Date	:30/08/2005
(87) International Publication No	:WO 2006/024501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RUEEGER HEINRICH

No of Pages : 76
No of Claims : 43

(57) Abstract :
The present invention relates to synthetic routes to prepare a compound of the wherein R1 is halogen, C1-6halogenalkyl, C1-6alkoxy-C1-6alkyloxy or C1-6alkoxy-C1-6alkyl; R2 is halogen, C1-4alkyl or C1-4alkoxy; R3 and R4 are independently branched C3-6alkyl; and R5 is cycloalkyl, C1-6alkyl, C1-6hydroxyalkyl, C1-6alkoxy-C1-6alkyl, C1-6alkanoyloxy-C1-6alkyl, C1-6aminoalkyl, C1-6alkylamino-C1-6alkyl, Cd1-6ialkylamino-Ca1-6lkyl, Ca1-6lkanoylamino- Ca1-6lkyl, HO(O)C-C1-6alkyl, C1-6alkyl-O-(O)C-C1-6alkyl, H2N-C(O)-Ca1-6lkyl, C1-6alkyl-HN-C(O)-C1-6alkyl or (C1-6alkyl)2N-C(O)-C1-6alkyl; or a pharmaceutically acceptable salt thereof as well as key intermediates obtained when following these routes as well as their preparation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1150/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification :A61K 8/00
(31) Priority Document No :60/604,666
(32) Priority Date :26/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030413
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LIM, MUILL

No of Pages : 75
No of Claims : 8

(57) Abstract :
Compositions for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and at least one bicyclic fused 5-5-membered aza heteroaromatic keratin dyeing compounds having ring junction nitrogen and an N-hydroxy or N-amino group and derivatives thereof. A method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1151/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MELANOCORTIN RECEPTOR LIGAND COMPOSITIONS AND USE THEREOF

(51) International classification :C07K 14/68
(31) Priority Document No :60/235,858
(32) Priority Date :27/09/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/30051
Filing Date :26/08/2001
(87) International Publication No :WO 02/026774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :00180/DELNP/2003
Filed on :17/02/2003

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4)WANG, FENG
5)SOLINSKY,MARK, GREGORY
6)COLSON, ANNY-ODILE
7)LIN,QISHEN

No of Pages : 122
No of Claims : 7

(57) Abstract :
Disclosed are MC-4 and/or MC-3 receptor ligands, the ligands having a structure according to Formula (I): wherein R2, R4, R5, R6, R6, R7, R8, R8', R9, R9', R10, Ar, Z1, Z2, Z3, X, B, D, p, q, r and s are as described in the specification and claims, and optical isomers, diastereomers or enantiomers thereof; pharmaceutically-acceptable salts, hydrates, and biohydrolyzable esters, amides or imides thereof and their pharmaceutical compositions. Also disclosed are the uses of the compositions in diseases mediated by the MC-4/MC-3 receptors, as described in the Detailed Descriptions section of the specification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1152/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING ACCESS TO A WIRELESS COMMUNICATION MEDIUM

(51) International classification :H04L 12/28
(31) Priority Document No :60/601,323
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027956
Filing Date :05/08/2005
(87) International Publication No :WO 2006/020520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LEVY, JOSEPH,S
4)SHAHEEN, KAMEL,M
5)TERRY, STEPHEN,E
6)ZEIRA, ELDAD

No of Pages : 79
No of Claims : 121

(57) Abstract :
A method and system for controlling access to a wireless communication medium. The system includes at least one access point (AP) (3710) and at least one station (STA) (3705). THE AP (3710) defines a superframe for transmission of data in a time domain having a high throughput (HT) period which includes at least one scheduled resource allocation (SRA) and at least one management SRA (MSRA). The AP (3710) broadcasts an extended beacon (EB) including information about the SRA and MSRA. The SRA is defined for transmitting traffic data between the AP (3710) and the STA (3705), and the MSRA is defined for transmitting management and control data between the AP (3710) and the STA (3705). The system reduces station battery consumption, supports higher throughput the non-real time (NRT) traffic and is more efficient for real time (RT) traffic while maintaining full compatibility.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1153/DELNP/2007 A
(43) Publication Date : 27/04/2007

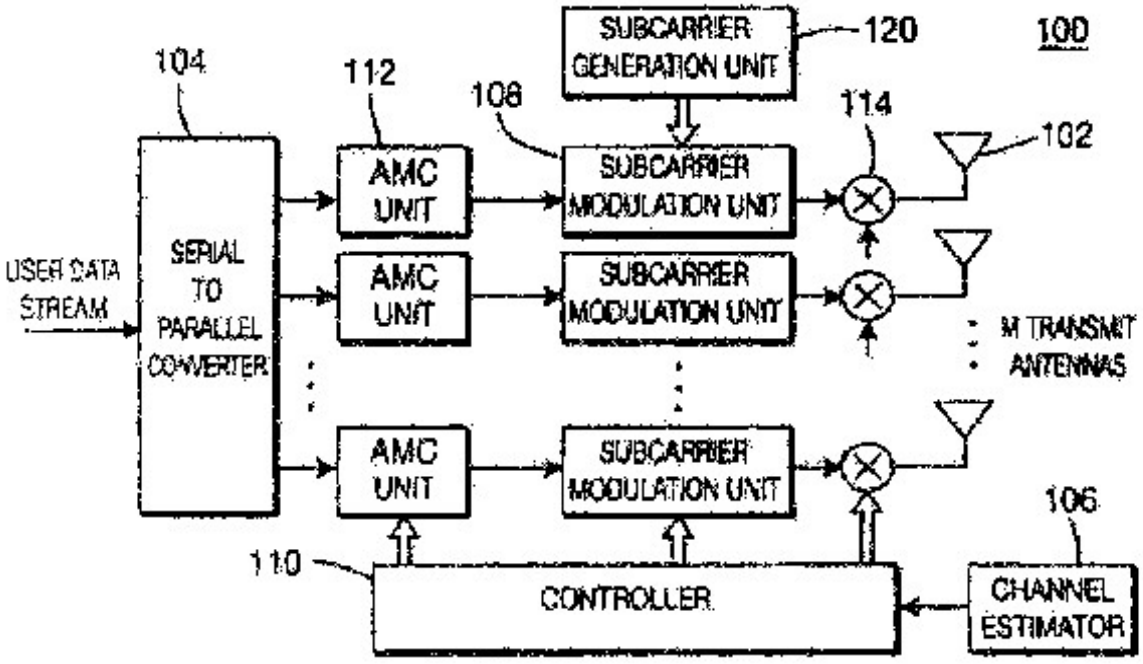
(54) Title of the invention : METHOD AND APPARATUS FOR SUBCARRIER AND ANTENNA SELECTION IN MIMO-OFDM SYSTEM

(51) International classification	:H04L 1/02
(31) Priority Document No	:60/601,200
(32) Priority Date	:12/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/027061
Filing Date	:29/07/2005
(87) International Publication No	:WO 2006/020434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PIETRASKI, PHILIP J
3)BULTAN, AYKUT

No of Pages : 28
No of Claims : 28

(57) Abstract :
A method and apparatus for radio resources control in a multiple input multiple output (MIMO) orthogonal frequency division multiplexing (OFDM) communication system are disclosed. Channel metric is calculated for each of a plurality of transmits antennas. Sub-carriers are allocated to each transmit antenna in accordance with the channel metric of each transmit antenna. Signals are transmitted using the allocated sub-carriers at each antenna. Adaptive modulation and coding and transmit power control of each sub-carrier may be further implemented in accordance with the channel metric. Power control may be implemented per antenna basis or per sub-carrier basis. In performing power control, a subset of transmit antennas may be selected and water pouring may be applied only to the selected antennas. Water pouring may be based on SNR instead of channel response.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1154/DELNP/2007 A
(43) Publication Date : 27/04/2007

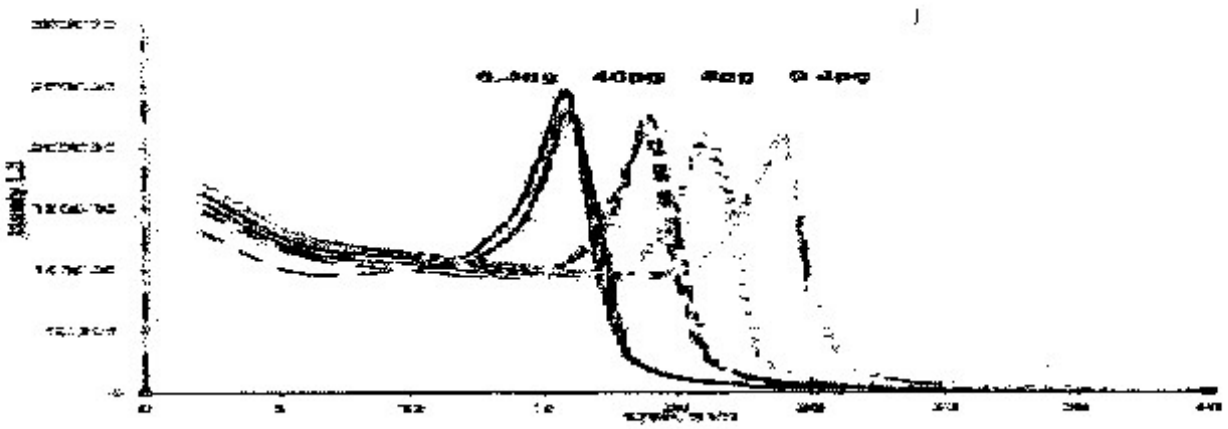
(54) Title of the invention : METHOD FOR DETERMINING THE AMOUNT OF TEMPLATE NUCLEIC ACID PRESENT IN A SAMPLE

(51) International classification :C12Q 1/48
(31) Priority Document No :0416944.7
(32) Priority Date :29/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002998
Filing Date :29/07/2005
(87) International Publication No :WO 2006/010948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURRAY, JAMES AUGUSTUS HENRY
3)GANDELMAN, OLGA
4)CHURCH, VICTORIA LOUISE

No of Pages : 67
No of Claims : 38

(57) Abstract :
A method for determining the amount of template nucleic acid present in a sample comprising the steps of: i) bringing into association with the sample all the components necessary for nucleic acid amplification, and all the components necessary for a bioluminescence assay for nucleic acid amplification and subsequently: ii) performing the nucleic acid amplification reaction; iii) monitoring the intensity of light output from the bioluminescence assay; and iv) determining the amount of template nucleic acid present in the sample.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007
(21) Application No.1155/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PACKAGES

(51) International classification :B65D 65/46
(31) Priority Document No :0401877-6
(32) Priority Date :19/07/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/001117
Filing Date :06/07/2005
(87) International Publication No :WO 2006/009502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOSSNER, EUGEN KARL
3)CHAPMAN, GRAHAM M

No of Pages : 12
No of Claims : 8

(57) Abstract :
The present invention relates to a package of a polyolefin polymer, wherein it comprises an addition of a pro-oxidant in the form of at least one salt of a metal of the group consisting of Mn, Fe, Cu, Co, and Ni, whereby the polyolefin is provided with a filler in the form of a mineral, such as calcium carbonate, such as talc, crushed marble, chalk, including nano particles thereof, calcite, silica, and nano particle clays, a filler in the form of natural fiber such as cellulose fiber, wood fiber, powderous wood or china grass, rice spelt, and starch.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2007

(21) Application No.1156/DELNP/2007 A
(43) Publication Date : 27/04/2007

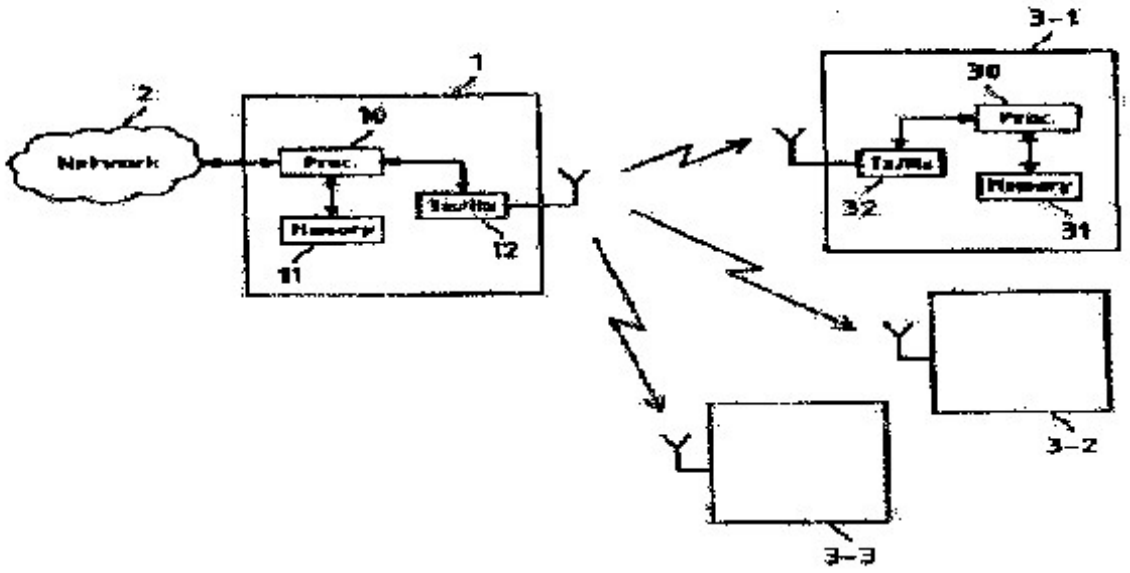
(54) Title of the invention : POINT-TO-POINT REPAIR RESPONSE MECHANISM FOR POINT-TO-MULTIPOINT TRANSMISSION SYSTEM

(51) International classification	:H04L 29/06
(31) Priority Document No	:10/903,260
(32) Priority Date	:30/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/002434
Filing Date	:27/07/2005
(87) International Publication No	:WO 2006/013460
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LEON, DAVID
3)CURCIO, IGOR
4)WALSH, ROD

No of Pages : 68
No of Claims : 47

(57) Abstract :
This invention relates to a method, a system, a transmitter, a network element, a receiver and software applications in a system for transmitting data symbols, wherein one or more data symbols are transmitted from a transmitter to one or more receivers within a point-to-multipoint transmission session, wherein said data symbols are furnished with first-type headers obeying a file delivery protocol, wherein one or more repair data symbols are transmitted from a repair server to one specific receiver of said receivers within a point-to-point repair session, and wherein said repair data symbols are furnished with one or more second-type headers at least partially obeying said same file delivery protocol.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1157/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A KIT FOR TREATING CANCER"

(51) International classification :A61K 41/00
(31) Priority Document No :60/213,210
(32) Priority Date :21/06/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/19793
Filing Date :21/06/2000
(87) International Publication No :WO 01/97848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002,01168/DEL
Filed on :28/11/2002

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3)ALAN P. CARPENTER, JR
4)MILIND RAJOPADHYE

No of Pages : 437
No of Claims : 15

(57) Abstract :
The present invention describes novel kits and compositions comprising compounds of the formula (I): (Q)Â¿d?-LÂ¿n?-CÂ¿h?, useful for the diagnosis and treatment of cancer in combination therapy in a patient. The present invention provides novel compounds useful for the treatment of rheumatoid arthritis. The pharmaceuticals are comprised of a targeting moiety that binds to a receptor that is upregulated during angiogenesis, an optional linking group, and a therapeutically effective radioisotope or diagnostically effective imageable moiety.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1158/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ORGANIC PHOTOSENSITIVE DEVICES"

(51) International classification :HO1L 27/00
(31) Priority Document No :10/915,410
(32) Priority Date :11/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027887
Filing Date :04/08/2005
(87) International Publication No :WO 2006/026070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STEPHEN FORREST

No of Pages : 50
No of Claims : 29

(57) Abstract :
The present invention generally relates to organic photosensitive optoelectronic devices. More specifically, it is directed to organic photosensitive optoelectronic devices having a photoactive organic region containing encapsulated nanoparticles that exhibit plasmon resonances. An enhancement of the incident optical field is achieved via surface plasmon polariton resonances. This enhancement increases the absorption of incident light, leading to a more efficient device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1159/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FUEL CELLS, METHODS OF USING FUEL CELLS, CATHODES FOR FUEL, CELLS, ELECTRONIC DEVICES, DEVICES USING ELECTRODE REACTIONS, AND ELECTRODES FOR DEVICES USING ELECTRODE REACTIONS"

(51) International classification :H01M 8/16
(31) Priority Document No :P2004-242413
(32) Priority Date :23/08/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/015207
Filing Date :22/08/2005
(87) International Publication No :WO 2006/022224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
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No of Pages : 37
No of Claims : 15

(57) Abstract :
To provide a fuel cell and a method of using the same, which enable such a reaction environment as to exhibit excellent properties as electrode sufficiently, and to provide a cathode for the fuel cell, a device using an electrode reaction, and an electrode for the device using an electrode reaction. A fuel cell 10 includes an electrolyte solution 7 arranged between a cathode 1 and an anode 5. The cathode 1 includes a porous material made typically of carbon and an immobilized thereon. The fuel cell is so configured as to bring at least part of the cathode 1 into contact with a reactant in a gaseous phase. The cathode 1 preferably further includes an immobilized electron-transfer mediator in addition to the enzyme. The reactant in a gaseous phase can be, for example, air or oxygen.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1160/DELNP/2007 A
(43) Publication Date : 27/04/2007

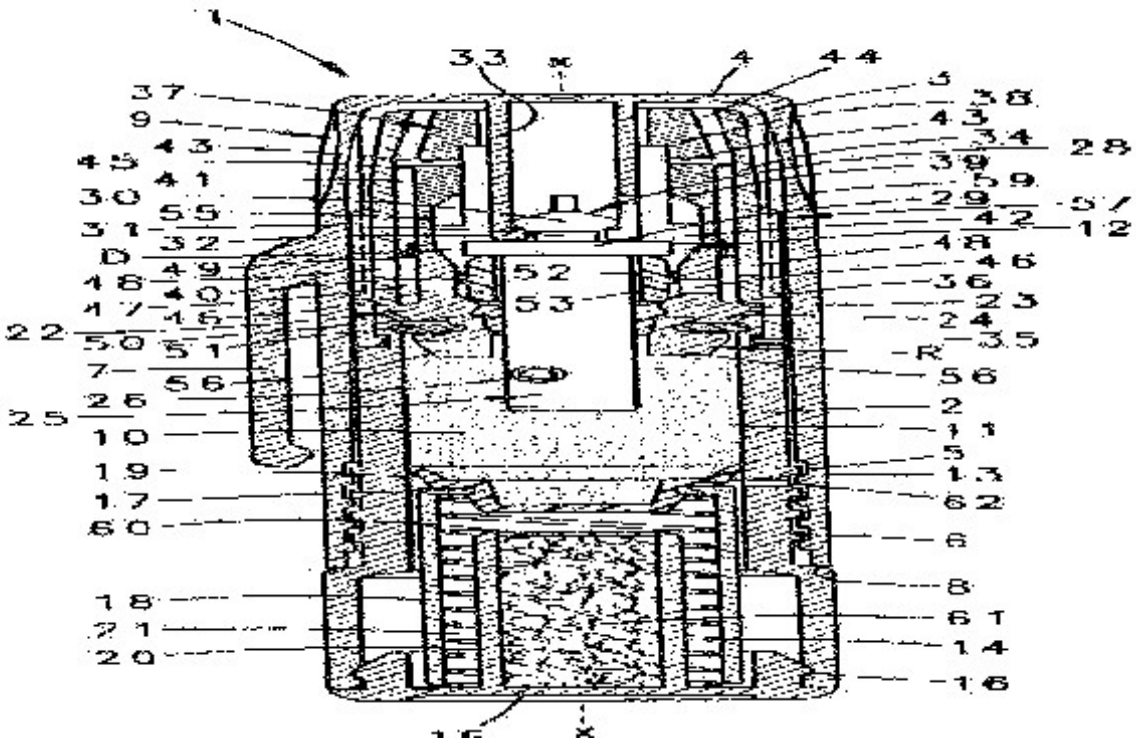
(54) Title of the invention : "INHALER FOR POWDERED, PARTICULARLY MEDICAL SUBSTANCES"

(51) International classification	:A61M 15/00
(31) Priority Document No	:10 2004 041524.2
(32) Priority Date	:27/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/054094
Filing Date	:19/08/2005
(87) International Publication No	:WO 2006/021546
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 26
No of Claims : 6

(57) Abstract :
The invention relates to an inhaler (1) for powdered, particularly medical substances, comprising a suction air duct (12) that extends to a mouthpiece (3), a reservoir (11) for the substance (10), and an at least linearly movable dosing chamber (26) for separating a specific amount (101) of the substance from the reservoir (11) and placing said amount (101) into a transfer position in order for the same to be transferred to the suction air flow (S). In order to further develop a generic inhaler in an advantageous manner, especially so as to charge the dosing chamber by separating a specific amount of substance from the reservoir, the dosing chamber (26) can be rotationally moved in a superimposed fashion while being arranged eccentric to a corresponding axis of rotation (x).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1161/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTIFOAM COMPOSITIONS CONTAINING FATTY AND ROSIN ACIDS OR DERIVATIVES THEREOF"

(51) International classification	:B01D 19/04
(31) Priority Document No	:60/599,459
(32) Priority Date	:06/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/028151
Filing Date	:08/08/2005
(87) International Publication No	:WO 2006/033716
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 54
No of Claims : 42

(57) Abstract :
The invention relates to compositions that are capable of preventing foam from forming in media as well as methods of making and using the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1162/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PRODUCTION OF POLYURETHANE (METH0 ACRYLATES"

(51) International classification :C08G 18/72
(31) Priority Document No :10/925,843
(32) Priority Date :25/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030631
Filing Date :25/08/2005
(87) International Publication No :WO 2006/024037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WIEBKE BECKER
3)STEFANIE MATTEN

No of Pages : 18
No of Claims : 7

(57) Abstract :
A process for the production of polyurethane (meth)acrylates, in which a trimerof a (cyclo)aliphatic diisocyanate, 1,6-hexanediisocyanate, a diol component and hydroxy-C2-C4 alkyl (meth)acrylate in the molar ratio 1 : x : x : 3 are reacted without solvent and without subsequent purification operations, wherein x means any desired value from 1 to 6, wherein the diol component is selected from the group consisting of an individual linear aliphatic alpha,omega C2-C12 diol and a combination of two to four (cyclo)aliphatic diols, wherein in the case of diol combination each of the diols makes up at least 10 mol % of the diols of the diol combination and the diol combination consists to at least 80 mol% of at least one linear aliphatic alpha,omega C2-C12 diol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1163/DELNP/2007 A
(43) Publication Date : 27/04/2007

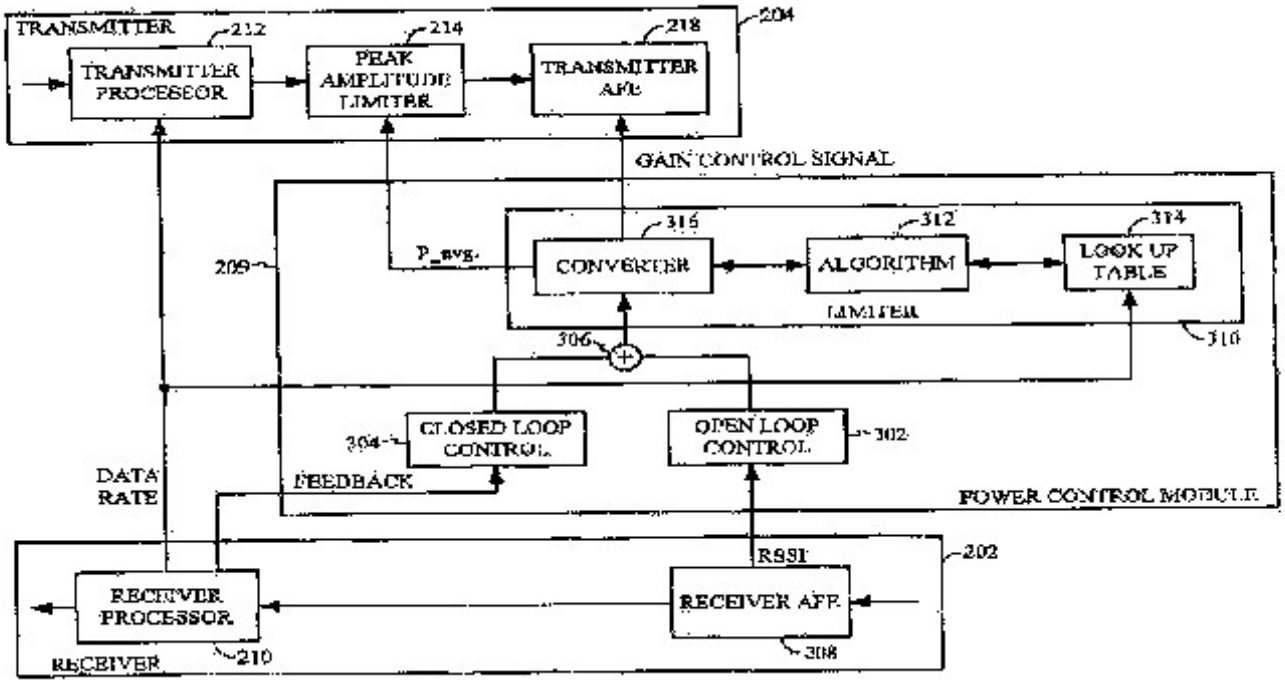
(54) Title of the invention : "METHOD AND APPARATUS FOR CONTROLLING TRANSMIT POWER IN A WIRELESS COMMUNICATIONS DEVICE"

(51) International classification :H04B 1/707
(31) Priority Document No :60/599,390
(32) Priority Date :06/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027634
Filing Date :03/08/2005
(87) International Publication No :WO 2006/017606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 25
No of Claims : 25

(57) Abstract :
Systems and techniques for wireless communications are disclosed. The systems and techniques include the generation of a signal, the setting of an average transmit power of the signal transmission as a function of a first threshold relating to out-of-band emissions, the clipping of the signal as a function of a second threshold relating to peak transmit power, and the transmission of the signal over a wireless medium.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1164/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN ULTRA HIGH-THROUGHPUT OPTI-NANOPORE DNA READOUT PLATFORM"

(51) International classification :G06F 19/00
(31) Priority Document No :60/601,264
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028566
Filing Date :12/08/2005
(87) International Publication No :WO 2006/020775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 58
No of Claims : 53

(57) Abstract :
Described herein are methods for analyzing polymer molecules. These methods are employed for the high throughput readout of DNA and RNA molecules with single molecule sensitivity. The method of the present invention comprises (1) the electrically controlled unzipping of DNA (or RNA) double strands, and (2) the readout of the molecule's identity (or code) using one or more molecule signal detection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1166/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REDUCED VIBRATION TUBE BUNDLE DEVICE"

(51) International classification :F28F 9/013
(31) Priority Document No :10/937,531
(32) Priority Date :09/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028920
Filing Date :12/08/2005
(87) International Publication No :WO 2006/031346
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LOUIS ANTHONY CURCIO, III

No of Pages : 27
No of Claims : 17

(57) Abstract :
A tube bundle device useful in heat exchangers, condensers and other devices which has a number of tube support cages placed at extended locations along the length of the tubes. After the initial construction of the bundle in which the tubes are inserted into the support cages the tube bundle is stiffened by inserting sets of tube stakes between the tube support cages, preferably at the midpoint of the tube span between the cages. The tubes are supported by rods or bars in each tube lane at the tube support cage locations and the rods in each cage are rotated axially with respect to the rods in the next adjacent cage; in a similar manner, the stakes in each set are rotated axially with respect to the stakes in the next axially adjacent set.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1167/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "STRUCTURED BODIES WITH SILICEOUS BINDER."

(51) International classification :C08L 83/04
(31) Priority Document No :60/606,007
(32) Priority Date :31/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027860
Filing Date :05/08/2005
(87) International Publication No :WO 2006/026067
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 49
No of Claims : 26

(57) Abstract :
The invention relates to the use of particulate silicone resins in the absence of added organic solvents with particulate inorganic materials to form structured bodies and in particular molecular sieve containing structured bodies. The silicone resin is used in the form of a particulate with an average particle size of less than 700 Âμm. Upon calcining, the silicone resin is converted to silica which acts as a binder.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1168/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FUNCTIONAL SYSTEMS WITH REDUCED ODOR CATIONIC POLYGALACTOMANNAN"

(51) International classification	:C08B 37/00
(31) Priority Document No	:60/605,556
(32) Priority Date	:31/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/031291
Filing Date	:30/08/2005
(87) International Publication No	:WO 2006/026750
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 34
No of Claims : 44

(57) Abstract :
A reduced odor composition is composed of a functional system such as household care, personal care or pet care products and at least one cationic polygalactomannan or a derivative of cationic polygalactomannan having a cationic degree of substitution (DS) lower limit of ahout 0.01 and an upper limit of about 3.0 and weight average molecular weight (Mw) having a lower limit of 200,000 and an upper limit of 2,000,000 a concentration with a lower limit of 0.005 wt % and an upper limit of 10 wt %, and a trimethylamine content of less than 25 ppm, wherein the composition, at an alkaline pH, has no discernible amine odor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1169/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SPHEROIDAL POLYESTER POLYMER PARTICLES

(51) International classification :C08G 63/02
(31) Priority Document No :60/606,727
(32) Priority Date :02/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030535
Filing Date :29/08/2005
(87) International Publication No :WO 2006/028749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 53
No of Claims : 44

(57) Abstract :
Spheroidal polyester polymer particles, as well as preforms and stretch blow molded bottles made from the spheroidal particles, are provided which have: A) an It.V. of at least 0.72 dL/g, and either B) at least two melting peaks (on a DSC first heating scan), wherein one of said at least two melting peaks is a low peak melting point having a peak temperature within a range of 140Â°C to 220 Â°C and having a melting endotherm area of at least the absolute value of 1 J/g, or C) a low degree of crystallinity within a range of at least 20% and a maximum degree of crystallinity Tcrnax defined by the equation: Tcmax = 50% - CA - OH where CA is the total mole % of all carboxylic acid residues other than terephthalic acid residues, based on 100 mole% of carboxylic acid residues in the polyester polymer, and OH is the total mole % of hydroxyl functional compound residues other than ethylene glycol residues, based on 100 mole% of the hydroxyl functional compounds residues; or both B) and C); and optionally but preferably D) 10 ppm or less of residual acetaldehyde.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1170/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTERFACE MODULE FOR USE WITH A FIELDBUS DEVICE NETWORK AND WITH INTERNET AND NON-INTERNET BASED PROCESS CONTROL NETWORKS"

(51) International classification :G05B 19/418
(31) Priority Document No :10/931,165
(32) Priority Date :31/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030765
Filing Date :30/08/2005
(87) International Publication No :WO 2006/026589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 46
No of Claims : 42

(57) Abstract :
An interface module is operatively connected to a Fieldbus process control network and to at least one non-Fieldhus process control network to facilitate the exchange of process control information between the networks. The interface module stores a database in which the process control parameters of the function blocks in the field devices of the Fieldbus process control network are mapped to corresponding process control parameters of the non-Fieldbus process control network. Once the Fieldbus process control parameters are mapped to the non-Fieldbus process control parameters, the interface module is adapted to transmit request messages on the Fieldbus process control network to the Fieldbus field devices for the current values of the process control parameters, receive response messages from the Fieldbus field devices, and store the current values of the process control parameters in the database. The interface module may also function in the other direction to map non-Fieldbus process control parameters to corresponding Fieldbus process control parameters.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1171/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MEMBER FOR MEASUREMENT OF CELL VOLTAGE AND TEMPERATURE IN BATTERY PACK"

(51) International classification :H01M 10/48
(31) Priority Document No :10-2004-0088523
(32) Priority Date :02/11/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003452
Filing Date :17/10/2005
(87) International Publication No :WO 2006/049393
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)DO YANG JUNG
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No of Pages : 16
No of Claims : 6

(57) Abstract :
A member for measurement of cell voltage and temperature in a battery pack comprises temperature measuring elements (a) attached to the surfaces of unit cells, and a printed circuit board (b) having protrusions formed at the upper end thereof such that the protrusions are connected to electrode lead connection members that connect electrode leads of the unit cells, connection parts formed at the lower part thereof for allowing the temperature measuring elements to be attached to the printed circuit board, and a circuit through which electric current for voltage measurement of the unit cells and electric current for temperature measurement of the temperature measuring elements flow.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1173/DELNP/2007 A
(43) Publication Date : 27/04/2007

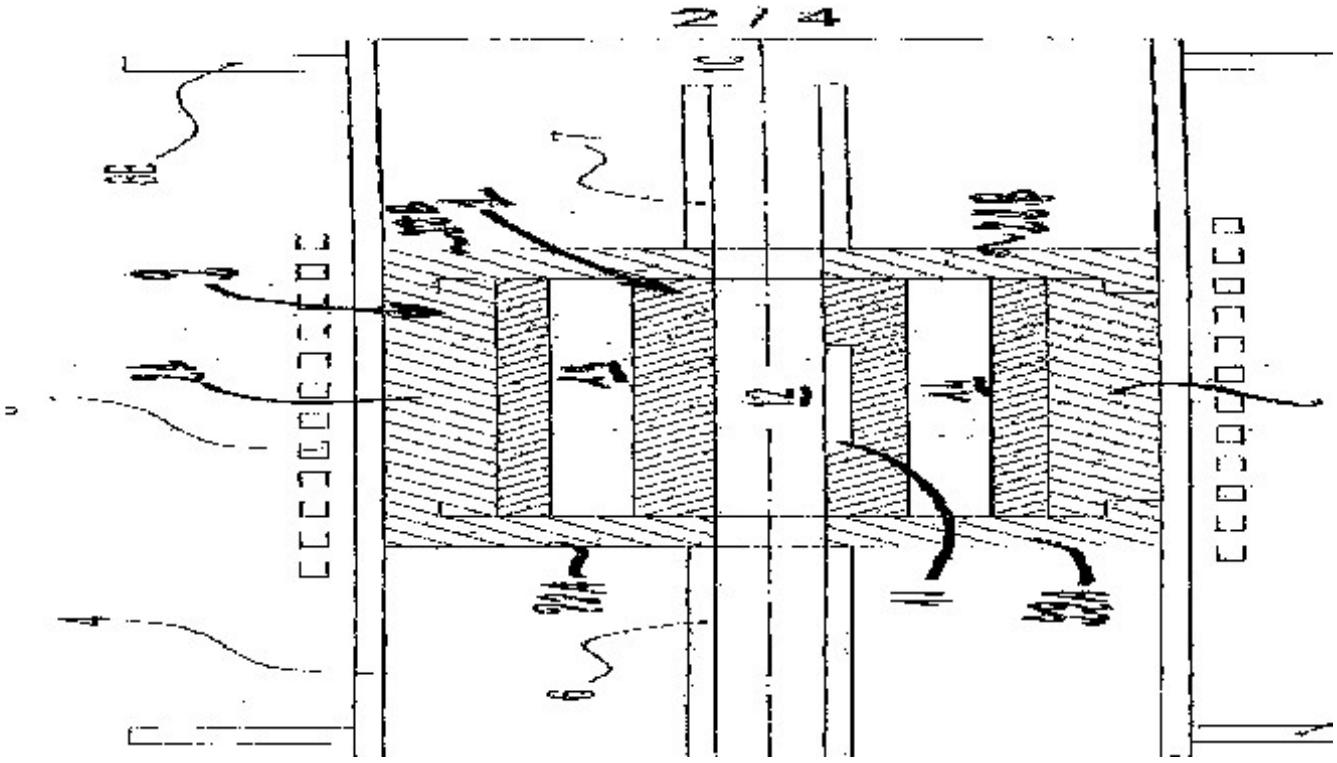
(54) Title of the invention : "CLEANING PROCESS AND OPERATING PROCESS FOR A CVD REACTOR"

(51) International classification :C23C 16/32
(31) Priority Document No :MI2004A001677
(32) Priority Date :30/08/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/053328
Filing Date :12/07/2005
(87) International Publication No :WO 2006/024572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CRIPPA, DANILO
5)VALENTE, GIANLUCA
6)MASI, MAURIZIO
7)PRETI, FRANCO

No of Pages : 25
No of Claims : 25

(57) Abstract :
The present invention relates to a process for cleaning the reaction chamber (12) of a CVD reactor, comprising the steps of heating the chamber walls to a suitable temperature and introducing a gas flow into the chamber; this cleaning process may be advantageously used within an operating process of a CVD reactor for depositing semiconductor material onto substrates inside a chamber; this operating process envisages a growth process comprising the sequential and cyclical loading of the substrates into the chamber (12), deposition of semiconductor material onto the substrates and unloading of the substrates from the chamber (12); after unloading a process for cleaning the chamber (12) is performed. The invention also relates to process for cleaning the entire CVD reactor, which envisages, together with heating, the presence of chemical etching components in the gas flow.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1175/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR THE PREPARATION OF D-ERYTHRO-2,2-DIFLUORO-2-DEOXY-1-OXORIBOSE DERIVATIVE"

(51) International classification :C07H 3/08
(31) Priority Document No :10-2004-0057711
(32) Priority Date :23/07/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001955
Filing Date :23/06/2005
(87) International Publication No :WO 2006/009353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)LEE GWAN-SUN

No of Pages : 24
No of Claims : 11

(57) Abstract :
3R-carboxylate enantiomer derivative of formula (III) can be prepared easily and selectively by the method of the present invention, and a highly pure D-erythro-2, 2-difluoro-2-deoxy-1 -oxoribose derivative can be prepared efficiently from the compound of formula (III) as an intermediate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1176/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR MANUFACTURING REPROCESSED CASTING SAND"

(51) International classification :B22C 5/00
(31) Priority Document No :2004-240313
(32) Priority Date :20/08/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/014821
Filing Date :12/08/2005
(87) International Publication No :WO 2006/019047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HIDAKA KOUSAKU
2)KATSURAGAWA HIDEYUKI

No of Pages : 30
No of Claims : 11

(57) Abstract :
A method for manufacturing reprocessed casting sand having high quality. An air current upwardly blows casting sand to an upper portion of a roasting chamber, while the casting sand is roasted in the roasting chamber. As the casting sand rises to the upper portion of the roasting chamber, the casting sand is polished when the grains of the casting sand collide against one another. When the air current has a velocity of 0.8 m/s or greater, unnecessary components are eliminated from the casting sand, and reprocessed casting sand having high quality is obtained. The air current causes the majority of the casting sand to rise to the upper portion of the roasting chamber. Part of the rising casting sand is returned to a lower portion of the roasting chamber from the upper portion of the roasting chamber via an outer portion of the roasting chamber.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1177/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR COATING OBJECTS ON A CONVEYING CONTINUOUS BELT"

(51) International classification :B65G 15/58
(31) Priority Document No :10/918,720
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028757
Filing Date :12/08/2005
(87) International Publication No :WO 2006/020878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MARTIN,JOHN,H
5)KIRBY, LAWRENCE,T
6)PEFFER, ROBIN,M
7)GOODNOW, NATHAN,L
8)KAUFMAN, PAUL,J
9)RODGERS, WILLIAM, H
10)KAUFMAN, RAYMOND,J
11)VETTORI, DARYL,L
12)POLLICK, RICHARD, D

No of Pages : 64
No of Claims : 43

(57) Abstract :
A method for the electophoretic application an elongate portion on a continuous belt, comprising the steps orpositroning the object to engage a retaining member, the retaining member engaging the continuous belt such that a retaining portion on the retaining member releasably retains the elongate portion of the object to the belt; conveying the continuous belt with a drive mechanism; and coating the object on the continuous belt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1178/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM FOR COATING OBJECTS ON A CONVEYING CONTINUOUS BELT"

(51) International classification	:B65G 15/58
(31) Priority Document No	:10/918,529
(32) Priority Date	:13/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/ US2005/028720 :13/08/2005
(87) International Publication No	:WO 2006/020856
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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9)RODGERS, WILLIAM, H.
10)KAUFMAN, RAYMOND, J.
11)VETTORI, DARYL, L.
12)POLLICK, RICHARD, D.

No of Pages : 65
No of Claims : 41

(57) Abstract :
A system for coating an object having an elongate portion and a method of employing the same that includes at least one retaining member engaging a continuous belt, the retaining member â€¢ including a retaining portion positioned to relsacably retain the elongate portion of the object to the belt for coating the object.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1179/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND SYSTEMS FOR COATING OBJECTS"

(51) International classification :B05B 13/02
(31) Priority Document No :60/601,729
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028721
Filing Date :12/08/2005
(87) International Publication No :WO 2006/020857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)NEE LEY, THOMAS, S
4)SPINDLER, IRVIN R
5)LANGHORST, DAN R

No of Pages : 48
No of Claims : 58

(57) Abstract :
Apparatus, methods, and systems for the application of a coating to an object. The systenk comprise a cernnuous belt (10) comprising at least one supporting member (12) positioned to retain the object thereon, a drive member in operative engagement with the continuous belt, a coating unit in communication with the continuous belt, and a drying unit in communication with the continuous belt and the coating unit and arranged such that the object is coated and dried on the continuous belt The supporting member of the belt may include at least one blade member (14) comprising a plurality of projections (21), at least one of which is positioned to contact the object a: o

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1180/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS FOR DETECTING HUNTING AND ANGLE OF ATTACK OF A RAIL VEHICLE WHEELSET"

(51) International classification :G01M 17/02
(31) Priority Document No :60/588,910
(32) Priority Date :14/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025316
Filing Date :15/07/2005
(87) International Publication No :WO 2006/010154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)RANWALA, HILARY, GRATION

No of Pages : 31
No of Claims : 22

(57) Abstract :
An apparatus and method for estimating the angle of attack of wheels, wheelsets trucks and railway vehicles traveling over a track employing a wayside system having a plurality of sensors, adjacent to the rails of the track, for detecting the passing of each wheel set of each truck. Each sensor communicates its moment of activation and length of activation caused by a passing wheel to sensor monitoring unit for use in determining the angle of attack of the passing wheel, wheelset, truck and railway vehicle. The estimated angle of attack of the wheelset at different locations along the track may be used to detect a hunting wheelset, truck or railway vehicle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1181/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR CONTROLLING AN ACTUATABLE RESTRAINING DEVICE USING CRUSH ZONE SENSORS FOR SAFING FUNCTION"

(51) International classification :B60R 31/32
(31) Priority Document No :10/890,791
(32) Priority Date :14/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024812
Filing Date :13/07/2005
(87) International Publication No :WO 2006/019789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SUMMER, PAUL, LEO

No of Pages : 39
No of Claims : 16

(57) Abstract :
The present invention is directed to an apparatus for controlling a vehicle actuatable occupant restraining system including a discrimination crash sensor (32,34,36) for sensing a vehicle crash condition and providing a discrimination crash signal indicative thereof. A first crush zone sensor (40) is located at a first vehicle crush zone location and provides a first crush zone signal indicative of crash acceleration sensed by the first crush zone sensor. A second crush zone sensor (42) is located at a second vehicle crush zone location for providing a second crush zone signal indicative of crash acceleration sensed by the second crush zone sensor. A crush zone safing determining function (218) of the controller (50) monitors the first crush zone sensor and the second crush zone sensor and provides a crush zone safing signal in response to one of the first and the second crush zone sensors signals exceeding a first threshold, and the other of the first and the second crush zone sensors signals being faulty. The crush zone safing signal is also provided in response to one of the first and the second crush zone sensor signals exceeding a second threshold, the second threshold being greater than the first threshold. A controller (50) monitors the discrimination crash signal and the crush zone safing signal for controlling an actuatable restraining device in response thereto. (9 I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1182/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATIONS OF STATINS WITH BRONCHODILATORS

(51) International classification :A61K 31/40
(31) Priority Document No :0415789.7
(32) Priority Date :15/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002413
Filing Date :20/06/2005
(87) International Publication No :WO 2006/008437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 18

(57) Abstract :
The invention provides medicaments comprising combination of bronchodilators, glucocorticosteroids and HMG-CoA reductase inhibitors in the treatment of respiratory disorders such as chronic obstructive pulmonary disease (COPD).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1183/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AGENT FOR PROMOTING THE RECOVERY FROM DYSFUNCTION AFTER THE ONSET OF CENTRAL NEUROLOGICAL DISEASE"

(51) International classification :A61K 45/00
(31) Priority Document No :JP2004-207234
(32) Priority Date :14/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/012895
Filing Date :13/07/2005
(87) International Publication No :WO 2006/006617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHINICHI YATSUGI

No of Pages : 31
No of Claims : 19

(57) Abstract :
It is intended to provide a novel agent for promoting the recovery from dysfunction after the onset of a central neurological disease or an agent for enhancing and/or promoting the effect of rehabilitation for functional recovery. Namely, an agent for promoting the recovery from dysfunction after the onset of a central neurological disease which contains, as the active ingredient, a compound capable of simultaneously and selectively enhancing neurotransmission by serotonin and neurotransmission by norepinephrine; and an agent for enhancing and/or promoting the effect of rehabilitation for functional recovery after the onset of a central neurological disease which contains, as the active ingredient, a compound capable of simultaneously and selectively enhancing neurotransmission by serotonin and neurotransmission by norepinephrine. It is useful to provide the excellent agent for promoting the recovery from dysfunction after the onset of a central neurological disease and the agent for enhancing and/or promoting the effect of rehabilitation for functional recovery as described above. These drugs are also useful as safe drugs because of being free from anticholinergic effect causing side effects, drug dependence or effects on the circulatory organs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1184/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'PROCESS FOR THE SYNTHESIS OF ZIRCONIUM CARBOXYLATES'

(51) International classification :C07C 51/41
(31) Priority Document No :102004043271.6
(32) Priority Date :07/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/008671
Filing Date :10/08/2005
(87) International Publication No :WO 2006/027075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)SULTAN AL-OTAIBI

No of Pages : 6
No of Claims : 6

(57) Abstract :
The invention relates to a novel process for the synthesis of zirconium carboxylates. In order to overcome the disadvantageous characteristics of the currently used production process (highly corrosive starting substances and products, complex removal of HCI), it is proposed to suspend ZrCI4 in an apolar solvent and react it with the anhydride of an acid. The sole products to arise are the slightly corrosive Zr carboxylate and an acid chloride, which is a valuable basic chemical in the chemicals and Pharmaceuticals industry. The reactors required for the synthesis need not necessarily consist of glass and/or enamel, but may instead be manufactured from stainless steel, which is cheaper. Apparatuses for the removal and treatment of hydrochloric acid are not necessary.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1185/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR PREPARING PARTICLES OF RADIOACTIVE POWDER CONTAINING CESIUM-131 FOR USE IN BRACHYTHERAPY SOURCES"

(51) International classification :G21G 4/08
(31) Priority Document No :60/602,392
(32) Priority Date :18/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027844
Filing Date :05/08/2005
(87) International Publication No :WO 2006/096206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 10

(57) Abstract :
The present invention provides a method of preparing Cesium-131 (Cs-131) as a dispersed radioisotope. Uses of the dispersed Cs-131 prepared by the method include cancer research and treatment, such as for the use in brachytherapy. Cs-131 is particularly useful in the treatment of faster growing tumors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1186/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS AND APPARATUS FOR MANUFACTURE OF FERTILIZER FROM MANURE AND SEWAGE"

(51) International classification :F26B 3/08
(31) Priority Document No :10/894,645
(32) Priority Date :19/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025466
Filing Date :18/07/2005
(87) International Publication No :WO 2006/020253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)STAROSUD, ALEXANDER

No of Pages : 58
No of Claims : 26

(57) Abstract :
This invention discloses systems and methods for conversion of manure to novel fertilizer and/or soil builder products useful as input for organic fanning operations. The equipment systems comprise a gas turbine generator unit (preferred heat source), a dryer vessel and a processing unit, wherein the connection between the gas turbine and the dryer vessel directs substantially all the gas turbine exhaust into the dryer vessel and substantially precludes the introduction of air into the dryer vessel. The dryer vessel receives the manure for contact with the turbine exhaust gases to convert the manure to a dry material, which is passed to the processing unit where it is formed into granules, pellets or other desired form for the final dry fertilizer product. The method comprises drying, heating and converting the manure to form novel self binding fertilizer and soil builder type products for organic farming and other uses.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1187/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS AND SYSTEM FOR DRYING AND HEAT TREATING MATERIALS

(51) International classification :F26B 17/00
(31) Priority Document No :10/895,030
(32) Priority Date :19/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025640
Filing Date :19/07/2005
(87) International Publication No :WO 2006/014670
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)STAROSUD, ALEXANDER

No of Pages : 57
No of Claims : 37

(57) Abstract :
This invention discloses systems and methods for conversion of high moisture waste materials to dry or low moisture products for recycle or reuse. The equipment systems comprise a gas turbine generator unit (preferred heat source), a dryer vessel and a processing unit, wherein the connection between the gas turbine and the dryer vessel directs substantially all the gas turbine exhaust into the dryer vessel and substantially precludes the introduction of air into the dryer vessel and wherein the processing unit forms the dried material from the dryer vessel into granules, pellets or other desired form for the final product Optionally, the systems and methods further provide for processing ventilation air from manufacturing facilities to reduce emissions therefrom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1188/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LIPID-AMINO ACID CONJUGATES AND METHODS OF USE."

(51) International classification	:A61K 31/19
(31) Priority Document No	:60/588,697
(32) Priority Date	:16/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/025246
Filing Date	:18/07/2005
(87) International Publication No	:WO 2006/010153
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 49
No of Claims : 10

(57) Abstract :
N-fatty acid-amino acid conjugates and j2 portioned-amino acid conjugates are disclosed along with methods for making such conjugates and methods of using these conjugates in the treatment of conditions that involved dysfunctional lipid metabolism, insulin sensitivity, glucose homeostasis, and/or inflammation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1189/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RECOMBINANT ALPHA-FETOPROTEIN, METHOD AND MEANS FOR PREPARATION THEREOF, COMPOSITIONS ON THE BASE THEREOF AND USE THEREOF"

(51) International classification :B05B 1/04
(31) Priority Document No :200400907
(32) Priority Date :14/07/2004
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2005/000369
Filing Date :07/07/2005
(87) International Publication No :WO 2006/009492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)ZATSEPIN, SERGEI SERGEEVICH
5)SHINGAROVA, LYUDMILA NIKOLAEVNA
6)DUDICH, IGOR VYACHESLAVOVICH
7)SEMENKOVA, LIDIYA NIKOLAEVNA
8)DUDICH, DMITRY IGOREVICH
9)TATULOV, EDUARD BORISOVICH
10)DUDICH, ELENA IVANOVNA

No of Pages : 52
No of Claims : 18

(57) Abstract :
The invention relates to the microbiological and medical industry, genetic engineering, biotechnology. A Saccharomyces cerevisiae yeast strain was obtained on the basis of constructing a recombinant plasmid DNA comprising a structural gene of a human alpha-fetoprotein (AFP) under the control of a regulatory promoter, providing the synthesis and production of AFP in a secreted soluble form, this AFP having activity identical or similar to the activity of a human AFP. The obtained recombinant AFP may be used as an active substance for the preparation of therapeutic agents for use in oncology, immunotherapy, cosmetology and also for the diagnosis of cancer and embryonic pathologies.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1190/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification	:A61K 8/00
(31) Priority Document No	:60/604,756
(32) Priority Date	:26/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/030416
Filing Date	:26/08/2005
(87) International Publication No	:WO 2006/026433
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)GLENN, ROBERT, WAYNE, JR
2)LIM, MUILL

No of Pages : 65
No of Claims : 8

(57) Abstract :
Compositions for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and at least one bicyclic fused 5-5-membered aza heteroaromatic keratin dyeing compounds having a ring junction nitrogen and an N-hydroxy or N-amino group and derivatives thereof. A method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1191/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification :A61Q 5/10
(31) Priority Document No :60/604,679
(32) Priority Date :26/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030530
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GLENN, ROBERT, WAYNE, JR.
2)LIM, MUILL
3)MURPHY, BRYAN PATRICK

No of Pages : 64
No of Claims : 8

(57) Abstract :
Compositions for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and at least one bicyclic 5-6 systems of aza heteroaromatic keratin dyeing compounds wherein the 5-membered rings have one to three nitrogen atoms and an N-hydroxy or N-amino group and derivatives thereof. A method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1193/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification	:A61K 8/00
(31) Priority Document No	:60/604,654
(32) Priority Date	:26/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/030517
Filing Date	:26/08/2005
(87) International Publication No	:WO 2006/026488
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)LIM, MUILL

No of Pages : 63
No of Claims : 8

(57) Abstract :
Compositions for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and at least one 5-membered aza heteroaromatic keratin dyeing compound with an N-hydroxy or N-amino group and derivatives thereof. A method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1194/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF PROCESSING ETHANOL BYPRODUCTS AND RELATED SUBSYSTEMS

(51) International classification :C07C 67/54
(31) Priority Document No :60/602,050
(32) Priority Date :17/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028937
Filing Date :15/08/2005
(87) International Publication No :WO 2006/023432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVID J. WINSENESS

No of Pages : 11
No of Claims : 30

(57) Abstract :
In one aspect of the invention, a method recovers oil from a concentrated byproduct, such as evaporated thin stillage formed during a dry milling process used for producing ethanol. The method includes forming a concentrate from the byproduct and recovering oil from the concentrate. The step of forming the concentrate may comprise evaporating the byproduct. Further, the step of separating the oil from the concentrate may comprise using a centrifuge and, in particular, a disk stack centrifuge. Other aspects of the invention include related method s and subsystems for recovering oil from thin stillage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007

(21) Application No.1196/DELNP/2007 A
(43) Publication Date : 27/04/2007

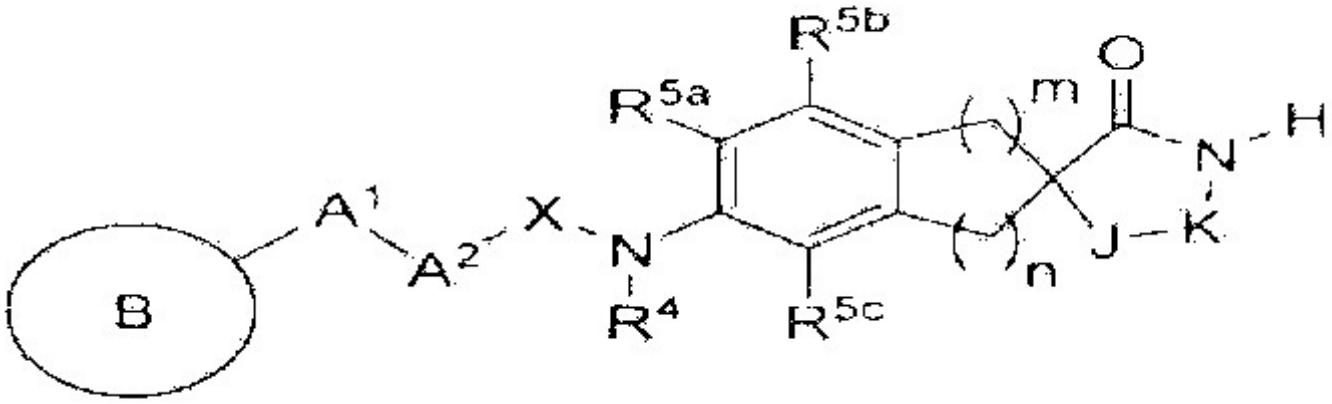
(54) Title of the invention : ARYL SPIROLACTAM CGRP RECEPTOR ANTAGONISTS

(51) International classification :C07D 239/10
(31) Priority Document No :60/608,489
(32) Priority Date :09/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031712
Filing Date :06/09/2005
(87) International Publication No :WO 2006/031513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BELL, LAN, M.
2)STUMP, CRAIG, A.
3)THEBERGE, CORY, R.

No of Pages : 78
No of Claims : 24

(57) Abstract :
The present invention is directed to compounds of Formula (I): where variables A , A , B. J. K. m, n, R\ R"a, R5h, R5c and X are as defined herein useful as antagonists of CGRP receptors and useful in the treatment or prevention of diseases in which the CGRP is involved, such as headache, migraine and cluster headache. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which CGRP is involved.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1197/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RECLOSABLE BAG

(51) International classification :B65D 33/25
(31) Priority Document No :0419217.5
(32) Priority Date :28/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003314
Filing Date :24/08/2005
(87) International Publication No :WO 2006/024829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LEIGHTON, MURRAY, EDWARD, BRUCE

No of Pages : 17
No of Claims : 9

(57) Abstract :
The bag has an elongate opening (20) in a front panel (10) of the bag. The opening (20) is openable and reclosable by a zipper (22) located in the opening (20) and consisting of first and second profiles, having interengagable male and female formations, and a slider for engagement and release of the formations. Each profile further has a flange which is secured to the front panel of the bag adjacent the opening (20). The flanges extend in opposite directions from the interengagable parts of the profiles. A closure sheet (60) covers the zipper to form a tamper-evident feature and is releasable along a line-of-weakness (

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1198/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME (7)

(51) International classification :C09K 11/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2005/003170
Filing Date :23/09/2005
(87) International Publication No :WO 2006/080638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)JUN GI JANG
5)SEOK HEE YOON
6)JAE MIN MOON

No of Pages : 41
No of Claims : 8

(57) Abstract :
Disclosed is an organic light emitting device. The organic light emitting device comprises a first electrode, organic material laycrts) comprising a light cmining layer, and a second electrode. The first electrode, the organic material laycr(s), and the second electrode form layered structure and at least one layer of the organic material layer(s) include the compound of formula the compound of Formula 1 into which a thermosetting or photo-crosslinkable functional group is introduced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1199/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(8)

(51) International classification :C09K 11/06
(31) Priority Document No :10-2004-0077214
(32) Priority Date :24/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003179
Filing Date :23/09/2005
(87) International Publication No :WO 2006/080646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)DONG SEOB JEONG
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No of Pages : 100
No of Claims : 8

(57) Abstract :
Disclosed is an organic light emitting device. The organic light emitting device comprises a first electrode, organic material layer(s) comprising a light emitting layer, and a second electrode. The first electrode, the organic material layer(s), and the second electrode form layered structure and at least one layer of the organic material layer(s) include the compound of Formula 1 or the compound of Formula 1 into which a thermosetting or photo-crosslinkable functional group is introduced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1200/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(1)

(51) International classification :C09K 11/06
(31) Priority Document No :10-2004-007 7245
(32) Priority Date :24/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003173
Filing Date :23/09/2005
(87) International Publication No :WO 2006/080640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)JAE MIN MOON

No of Pages : 87
No of Claims : 13

(57) Abstract :
Disclosed is a novel compound which is capable of significantly improving a lifespan, efficiency, and electrochemical and thermal stabilities of an organic light emitting device, the production of the compound, and an organic light emitting device in which the compound is contained in an organic compound layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1201/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(5)

(51) International classification :C09K 11/06
(31) Priority Document No :10-2004-007-7245
(32) Priority Date :24/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003177
Filing Date :23/09/2005
(87) International Publication No :WO 2006/080644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)BYUNG SUN JEON
4)JUN GI JANG
5)SEOK HEE YOON
6)JAE MIN MOON

No of Pages : 91
No of Claims : 7

(57) Abstract :
Disclosed is an organic light emitting device. The organic light emitting device comprises a first electrode, organic material layer(s) comprising a light emitting layer, and a second electrode. The first electrode, the organic material layer(s), and the second electrode form layered structure and at least one layer of the organic material layer(s) include the compound of Formula 1 or the compound of Formula 1 into which a thermosetting or photo-crosslinkable functional group is introduced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1202/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(2)

(51) International classification :C09K 11/06
(31) Priority Document No :10-2004-007 7245
(32) Priority Date :24/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003174
Filing Date :25/09/2005
(87) International Publication No :WO 2006/080641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)MIN JEONG LEE
5)WOOK DONG CHO
6)JI EUN KIM
7)BYUNG SUN JEON

No of Pages : 36
No of Claims : 8

(57) Abstract :
Disclosed is an organic'light emitting device. The organic light emitting device comprises a first electrode, organic material layer(s) comprising a ligh: emitting layer, and a second electrode. The first electrode, the organic material layer(s), and the second electrode form layered structure and at least one layer of the organic material layers) include the compound of Formula 1 or the compound of Formula 1 into v\ hich a thermosetting or photo-crosslinkable functional group is introduced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2007
(21) Application No.1203/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(6)

(51) International classification :C09K 11/06
(31) Priority Document No :10-2004-007-7214
(32) Priority Date :24/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/003169
Filing Date :23/09/2005
(87) International Publication No :WO 2006/080637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)WOOK DONG CHO
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No of Pages : 49
No of Claims : 8

(57) Abstract :
Disclosed is an organic light emitting device. The organic light emitting device comprises a first electrode, organic material layer(s) comprising a light emitting layer, and a second electrode. The first electrode, the organic material layer(s), and the second electrode form layered structure and at least one layer of the organic material layer(s) include the compound of Formula 1 or the compound of Formula 1 into which a thermosetting or photo-crosslinkable functional group is introduced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007
(21) Application No.1208/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMMUNOGLOBULINS COMPRISING PREDOMINANTLY A GLCNAC2MAN3GLCNAC2 GLYCOFORM

(51) International classification :C07K 16/00
(31) Priority Document No :60/590,011
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025652
Filing Date :19/07/2005
(87) International Publication No :WO 2006/014679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GERNGROSS, TILLMAN U
2)LI, HUIJUAN
3)WILDT, STEFAN

No of Pages : 58
No of Claims : 22

(57) Abstract :
The present invention relates to immunoglobulin glycoprotein compositions having predominant N-glycan structures on an immunoglobulin glycoprotein which confer a specific effector function. Additionally, the present invention relates, to pharmaceutical compositions comprising an antibody having a particular enriched N-glycan structure, wherein said N-glycan structure is GlcNAc2Man3GlcNAc2.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007

(21) Application No.1209/DELNP/2007 A
(43) Publication Date : 27/04/2007

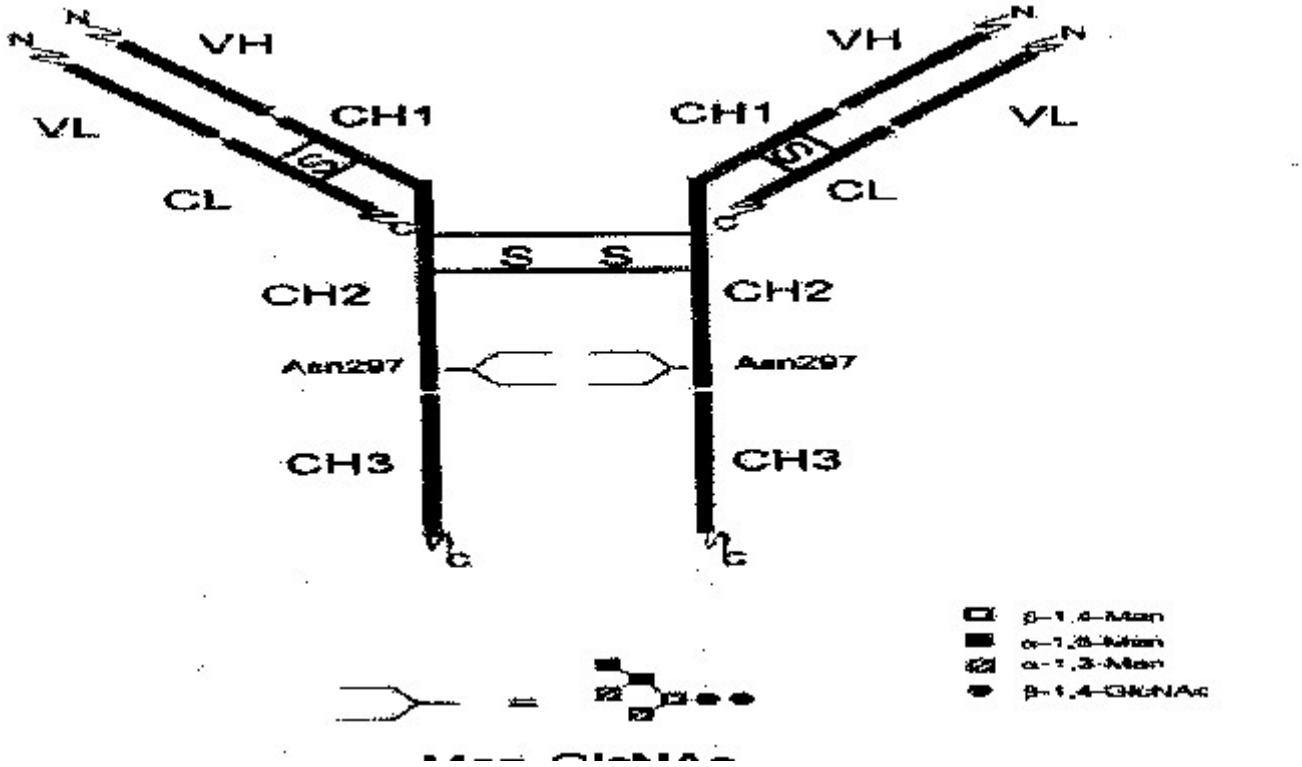
(54) Title of the invention : IMMUNOGLOBULINS COMPRISING PREDOMINANTLY A MAN5GLCNAC2 GLYCOFORM

(51) International classification :C07K 16/22
(31) Priority Document No :60/589,926
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025731
Filing Date :19/07/2005
(87) International Publication No :WO 2006/014726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LI, HUIJUAN
3)WILDT, STEFAN

No of Pages : 62
No of Claims : 23

(57) Abstract :
The present invention relates to immunoglobulin glycoprotein compositions having predominant W-glycan structures on an immunoglobulin glycoprotein which confer a specific effector function. Additionally, the present invention relates to pharmaceutical compositions comprising an antibody having a particular enriched 7V-glycan structure, wherein said N-glycan structure is MansGlcNAci.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007
(21) Application No.1225/DELNP/2007 A
(43) Publication Date : 27/04/2007

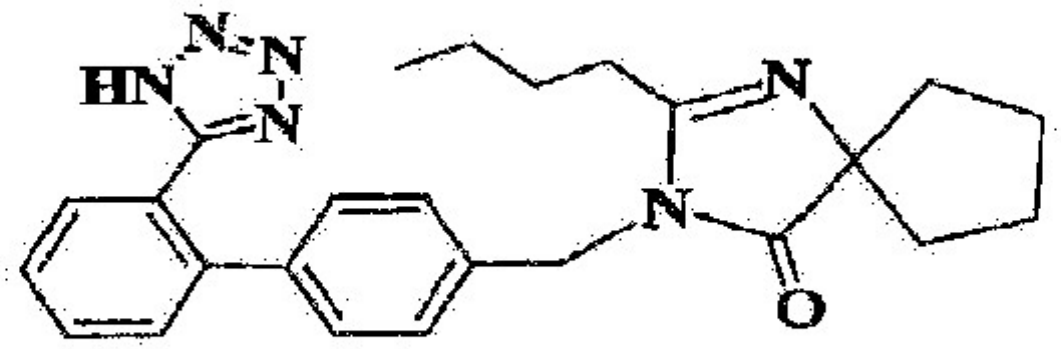
(54) Title of the invention : "METHOD FOR PREPARING IRBESARTAN AND INTERMEDIATES THEREOF"

(51) International classification :C07D 235/02
(31) Priority Document No :60/603,606
(32) Priority Date :23/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/029879
Filing Date :23/08/2005
(87) International Publication No :WO 2006/023889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JINGYANG ZHU

No of Pages : 16
No of Claims : 25

(57) Abstract :
A method for preparing irbesartan and intermediates thereof. Irbesartan has the structure of Formula (I).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007

(21) Application No.1240/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR STUDYING SURFACES"

(51) International classification	:G01V 1/38
(31) Priority Document No	:0417370.4
(32) Priority Date	:04/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003038
Filing Date	:03/08/2005
(87) International Publication No	:WO 2006/013358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MELDAHL, PAUL
2)VIKHAGEN, EIOLF

No of Pages : 31
No of Claims : 17

(57) Abstract :
A method of studying a surface using an interferometer, in which there is relative motion between the surface and the interferometer, the motion having a total velocity Vtot which includes a transversal or traversing component Vt and a longitudinal component V|. The method comprises: directing an object beam of coherent light to a measurement position at the surface, whereby there is relative motion between the surface and the measurement position; arranging an array of detectors on the interferometer in a line extending generally in the transversal direction, the detectors being arranged to detect light rays with different angular directions, representing different sensitivity directions; producing a reference beam of coherent light which is coherent with the object beam; combining the reference beam with the reflected object beam from the surface to produce a cross interference in the speckle pattern providing information about the relative motion of the surface and the interferometer; detecting the speckle pattern and the cross interference pattern with the detectors; determining which detector in the array has zero or minimum sensitivity to the total velocity Vtot of the motion, thereby identifying the detector with a sensitivity direction line that is normal to Vtot; monitoring the temporal change in which of the detectors has zero or minimum sensitivity, thereby ascertaining the change in direction of Vtot over time, brought about by changes in V and determining temporal changes in V|.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007
(21) Application No.1249/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTI-VOLTAGE POWER AUTOTRANSFORMER FOR THE HIGH-VOLTAGE ELECTRICITY TRANSMISSION NETWORK-(POLYTRANSFORMER)"

(51) International classification	:H01F 29/02
(31) Priority Document No	:ES200401849
(32) Priority Date	:22/07/2004
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2005/000140
Filing Date	:17/03/2005
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)MIGUEL OLIVA NAVARRETE

No of Pages : 13
No of Claims : 9

(57) Abstract :
A multi-voltage power autotransformer for the high-voltage electricity transmission network, Polytransformer, has a compact design and has different selectable voltage levels at the input and/or output, supplying different transformation ratios, being able to be used to interconnect high-voltage electrical systems in multiple transformation stations. It is a suitable solution as a contingency plan for emergencies in substations which need this, and can be configured to different input and/or output voltage levels and connected to different electrical power transmission systems in the high-voltage network, which, due to fault or another necessity, require it. The multi-voltage autotransformer is a power transformer with design characteristics which optimize the combination of possibilities of different input and/or output voltage values and maximum power with the rail transport limitations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007
(21) Application No.1250/DELNP/2007 A
(43) Publication Date : 27/04/2007

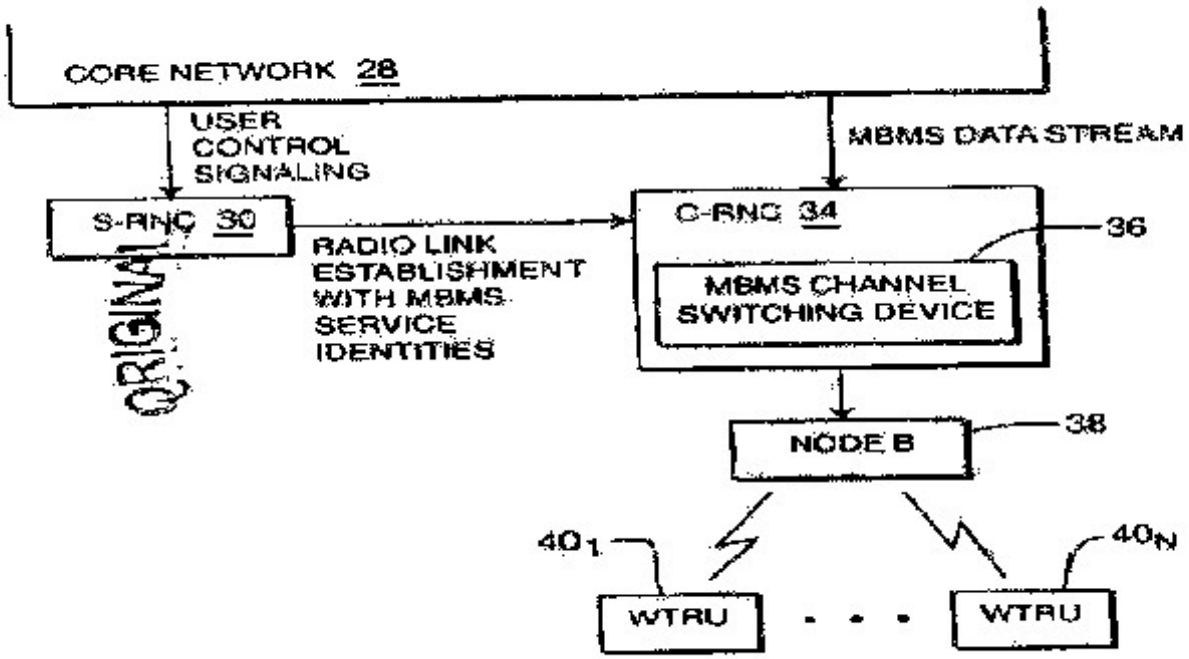
(54) Title of the invention : CHANNEL SWITCHING FOR SUPPORT OF MULTIMEDIA BROADCAST AND MULTICAST SERVICES

(51) International classification :H04Q 7/00
(31) Priority Document No :60/402,161
(32) Priority Date :07/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/024543
Filing Date :06/08/2003
(87) International Publication No :WO 2004/015876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :337/DELNP/2005
Filed on :28/01/2005

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TERRY, STEPHEN E.

No of Pages : 17
No of Claims : 6

(57) Abstract :
The present invention includes a radio access network and a method for sending a multimedia broadcasts/multicast services (MBMS) using channel switching. The channel switching is between dedicated and shared/common channels. The invention also includes MBMS reception scheduling for use when a wireless transmit/receive device receives an MBMS service from multiple transmission sources. The sources transmitting the MBMS service data in differing orders. One embodiment uses in band segmentation information and another embodiment uses out of band synchronization information.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007

(21) Application No.1251/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification :A61K 8/00
(31) Priority Document No :60/604,650
(32) Priority Date :26/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030516
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GLENN, ROBERT, WAYNE,JR
2)LIM, MUILL

No of Pages : 60
No of Claims : 8

(57) Abstract :
Compositions for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and at least one bicyclic fused 5-5-membered aza heteroaromatic keratin dyeing compound with an N-hydroxy or N-amino group and derivatives thereof. A method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2007

(21) Application No.1252/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD, SYSTEM AND SOFTWARE FOR MANAGING SOFTWARE LICENSE ANNUITIES

(51) International classification :G06F 17/60
(31) Priority Document No :534728
(32) Priority Date :16/08/2004
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2005/000210
Filing Date :16/08/2005
(87) International Publication No :WO 2006/019315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MCCULLOUGH, VICKY JAN
3)CHING, SHERY LINDA

No of Pages : 51
No of Claims : 48

(57) Abstract :
The present invention relates to methods, systems and software for managing software license annuities. More particularly, but not exclusively, the present invention relates to a method of monitoring renewal revenue, including the steps of developing a forecast of renewal revenue, for each of one or more customers, using a customer database; contacting some of the customers to obtain customer profile data; assisting each of the contacted customers to select a renewal option using the customer profile data; modifying the forecast for each of the contacted customers based on the renewal option selected by that customer; and comparing the forecast and the customer's actual renewal purchases to monitor renewal revenue. The followings methods are also disclosed: a computer-implemented method of modelling renewal options, a method of managing annuity renewals, a method of modelling annuity renewals, and a method of displaying customer compliance with a licensing scheme. Systems and software for performing any of the mentioned methods are further disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/1999
(21) Application No.1336/DEL/1999 A
(43) Publication Date : 27/04/2007

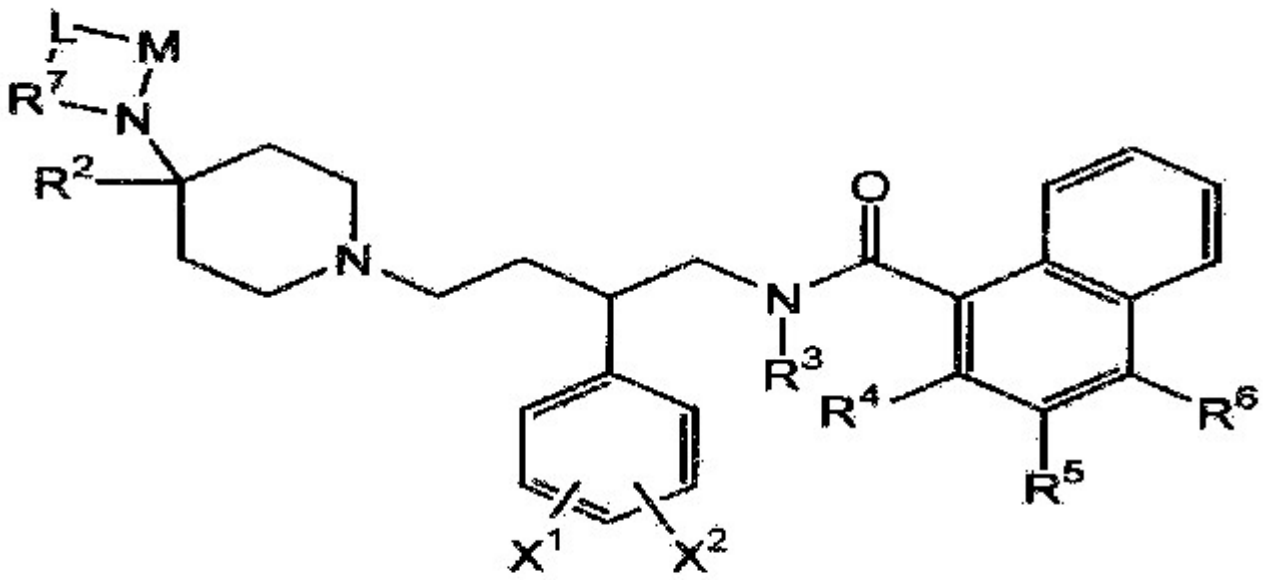
(54) Title of the invention : "COMPOUNDS"

(51) International classification :C077G 17/00
(31) Priority Document No :98 21 703.7
(32) Priority Date :07/10/1998
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT FRANK DEDINAS
3)CYRUS JOHN OHNMACHT
4)KEITH RUSSELL

No of Pages : 39
No of Claims : 12

(57) Abstract :
A compound having the formula wherein: R2 is hydrogen, hydroxy, alkoxy, alkanoyloxy, alkanoyl, alkoxycarbonyl, alkanoylamino, alkyl, carbamoyl, alkylcarbamoyl or di-alkylcarbamoyl; R3 is H or alkyl; R4 is independently selected from hydroxy, halo, alkoxy, alkyl, cyanoalkyl, alkenyl, alkynyl, carboxy, alkoxycarbonyl, carbamoyl, alkylcarbamoyl, di-alkylcarbamoyl, alkanoyl, alkanoylamino, and aminosulfonyl; R5 is independently selected from hydroxy, cyano, nitro, trifluoromethoxy, trifluoromethyl, alkylsulfonyl, halo, alkoxy, alkyl, cyanoalkyl, alkenyl, alkynyl, carboxy, alkoxy-carbonyl, carbamoyl, alkylcarbamoyl, di-alkylcarbamoyl, alkanoyl, alkanoylamino, aminosulfonyl, and substituted alkyl; or R4 and R5 together form -OCH2O- or -OC(CH3)2O-; R6 is selected from hydrogen, hydroxy, cyano, nitro, trifluoromethoxy, trifluoromethyl, alkylsulfonyl, halo, alkoxy, alkyl, cyanoalkyl, alkenyl, alkynyl, carboxy, alkoxy-carbonyl, carbamoyl, alkylcarbamoyl, di-alkylcarbamoyl, alkanoyl, alkanoylamino, aminosulfonyl, and substituted alkyl; R7 is -CH2CH2-, -CH2CH2CH2- or -CH2CH2CH2CH2-; M is -C(=O)- or -S(=O)2-; L is -NH- or -CH2-; and X1 and X2 are independently H or halogen, wherein at least one of X1 and X2 are halogen; and any pharmaceutically-acceptable salt thereof, and their use for treating depression, anxiety, asthma, rheumatoid arthritis, Alzheimer's disease, cancer, schizophrenia, oedema, allergic rhinitis, inflammation, pain, gastrointestinal-hypermotility, anxiety, emesis, Huntington's disease, psychoses including depression, hypertension, migraine, bladder hypermotility, or urticaria and compositions including such compounds and processes for making the compounds.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2005
(21) Application No.1345/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPROVED DIAGNOSTIC METHOD FOR DETECTING DYSPLASTIC EPITHELIAL TISSUE"

(51) International classification :A61K 7/16
(31) Priority Document No :PCT/US00/20017
(32) Priority Date :04/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/20017
Filing Date :20/07/2000
(87) International Publication No :WO 02/07693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002,00252/DEL
Filed on :28/02/2002

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOUGLAS D. BURKETT

No of Pages : 12
No of Claims : 1

(57) Abstract :
A method of intraoral toluidine blue staining is disclosed where the pre-rinse composition contains amphiphilic protein, such as albumin, which binds to extracellular matrix components such as fibronectin. In this way, the staining is more specific to precancerous and cancerous cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2007

(21) Application No.1368/DELNP/2007 A
(43) Publication Date : 27/04/2007

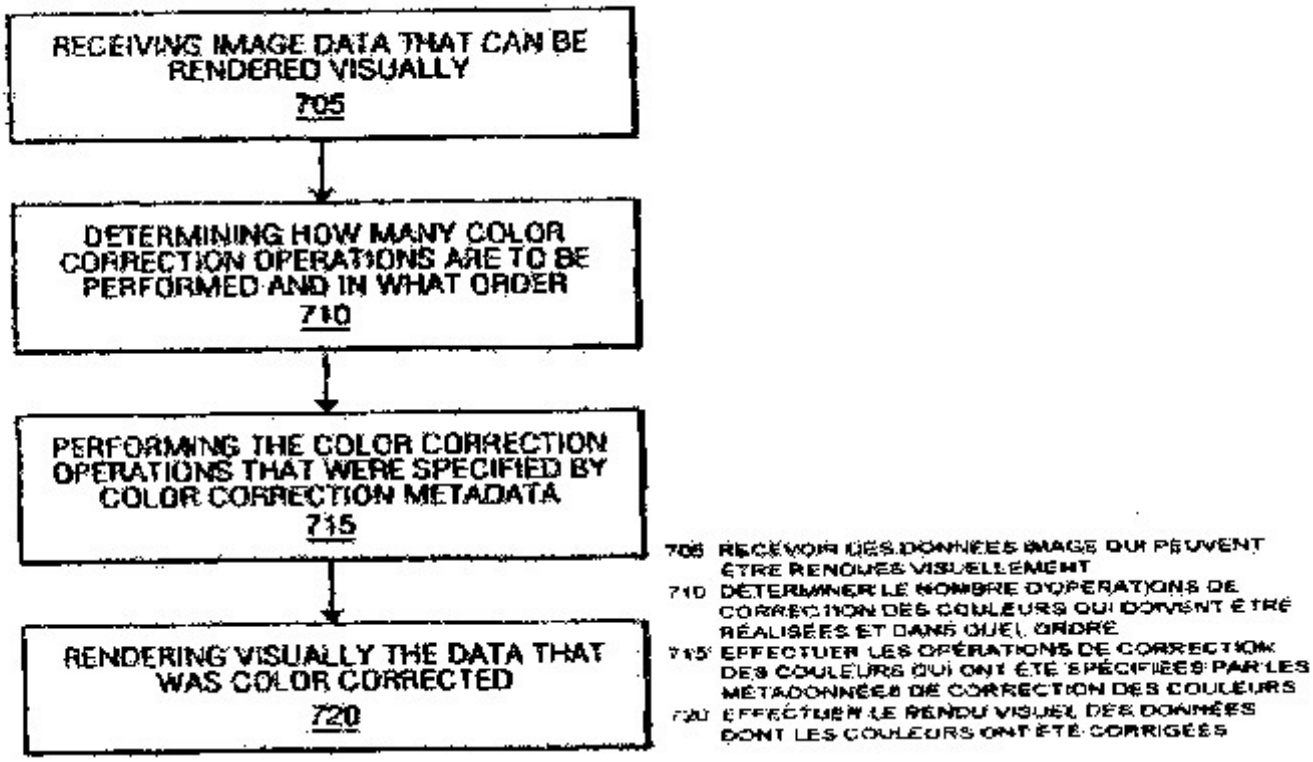
(54) Title of the invention : METHOD AND APPARATUS FOR COLOR DECISION METADATA GENERATION

(51) International classification :G11B 27/031
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2005/034891
Filing Date :29/09/2005
(87) International Publication No :WO 2006/039357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)OLLIVIER, PIERRE
4)VAN ROOY,JAN

No of Pages : 21
No of Claims : 15

(57) Abstract :
A method presents metadata that is used for determining the color correction processes to be performed on image data representing a sequence of moving images (705). Instructions in the metadata controls how many color corrections are to be performed and when such operations occur. The image data is then subjected to the specified color correction operations that are performed at specified times and in a determined order (710). The image data is then rendered as a series of images (715) by a rendering device. Optionally, different regions of the image data may be subjected to different color correction operations.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2007

(21) Application No.1369/DELNP/2007 A
(43) Publication Date : 27/04/2007

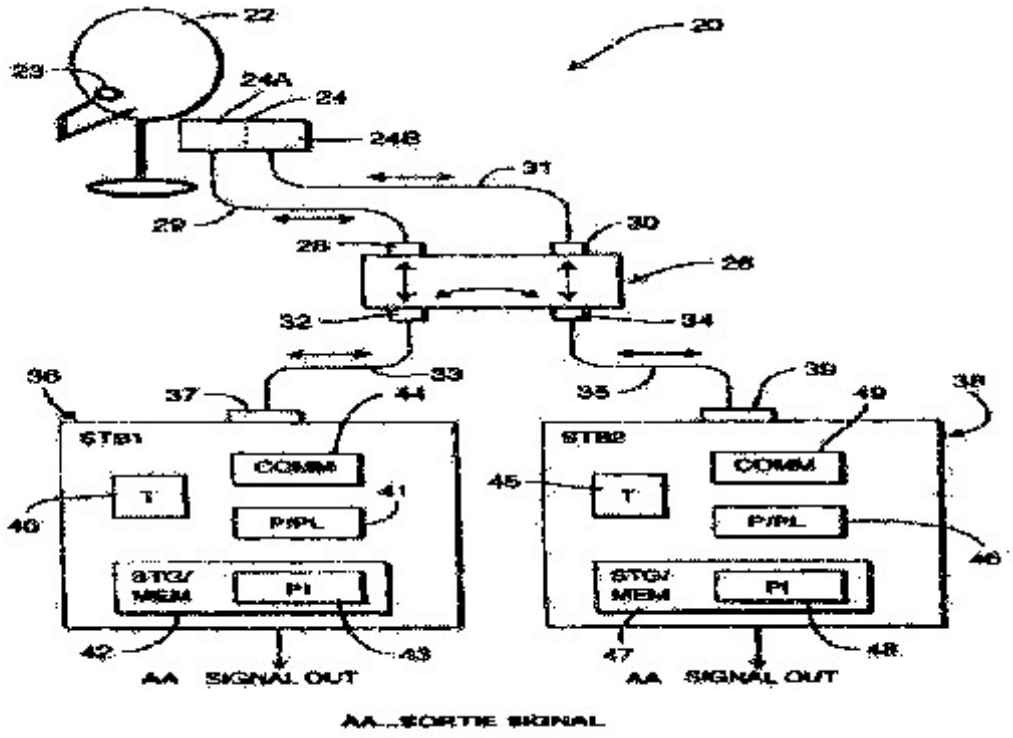
(54) Title of the invention : CONFIGURATION MANAGEMENT FOR CO-LOCATED NETWORK SYSTEMS

(51) International classification :H04H 1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2005/030499
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LEYENDECKER, PHILIPPE

No of Pages : 37
No of Claims : 17

(57) Abstract :
One receiver is configured in the main state and the other receivers are configured in the secondary state. The receivers are communicatively coupled to each other via a local communications link and the main receiver determines the co-location state of the secondary states, and transmits authorization information to the secondary receivers in response to the determination. The secondary receivers are enabled to process program signals and provide output signals in response to the authorization information.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2007

(21) Application No.1372/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMPROVEMENTS IN METERING VALVES FOR DISPENSERS

(51) International classification	:B65D 83/14
(31) Priority Document No	:0417908.1
(32) Priority Date	:11/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003132
Filing Date	:10/08/2005
(87) International Publication No	:WO 2006/016151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 40
No of Claims : 47

(57) Abstract :
A metering valve (1) is provided for a pressurised container (14) containing a pharmaceutical formulation. The valve has a stem (2) with a central flange (11) and a hollow open end (19) with a side port (20). The stem slides in a body (3) having larger and smaller diameter portions, and being closed off by a seal (4) against which the flange (11) rests in an inoperative position. A second seal is located around the-stem on the opposite side of the flange and trapped by a spring (6) which urges the stem into its inoperative position. When the stem is depressed, the inner seal (5) forms a sliding seal with the smaller diameter portion of the body to define a metering chamber (13) filled with the pharmaceutical. Continued depression opens the side hole (20) to allow the contents of the metering chamber to be dispensed, wherein at least one of the sealing gasket (8) or the inner seal (5) is formed as a co-moulding with at least a part of the valve body (3) or the valve stem, respectively.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2007

(21) Application No.1374/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BARIUM THIOALUMINATE PHOSPHOR MATERIALS WITH NOVEL CRYSTAL STRUCTURES

(51) International classification :C09K 11/77
(31) Priority Document No :60/599,036
(32) Priority Date :06/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/001214
Filing Date :05/08/2005
(87) International Publication No :WO 2006/012748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STILES, JAMES ALEXANDER ROBERT
2)KAMKAR, MORAD

No of Pages : 38
No of Claims : 40

(57) Abstract :
The present invention provides thioaluminate phosphor compounds BaAI2S4 and BaAl4S7 with novel crystal structures that have higher luminosity and improved colour coordinates. The invention is also directed to rare earth element activated barium thioaluminate phosphor films comprising a phosphor compound having a novel crystal lattice structure that increases the electroluminescent light emission from the film. The phosphor films are for use in electroluminescent displays and in particular, thick film dielectric electroluminescent displays.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2004
(21) Application No.1381/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF INHIBITING GENE EXPRESSION"

(51) International classification :C12N 15/00
(31) Priority Document No :2001-355896
(32) Priority Date :21/11/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP02/12183
Filing Date :21/11/2002
(87) International Publication No :WO 03/044188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TAKAHIDE KAJI
3)RYO UEDA
4)KAORU SAIGO

No of Pages : 49
No of Claims : 24

(57) Abstract :
The present invention relates to a method for inhibiting expression of a target gene, which comprises tzransfacting a cell, tissue, or individual organism with a double-stranded polynucleotide comprising DNA and RNA having a substantially identical nucleotide sequence with at least a partial nucleotide sequence of the target gene.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2004
(21) Application No.1415/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTRONIC KEY SYSTEM FOR A MOTORCYCLE

(51) International classification :G06F1/16
(31) Priority Document No :2002-282408
(32) Priority Date :27/09/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/012273
Filing Date :25/09/2003
(87) International Publication No :WO 2003/028889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAKESHI KONNO,
2)AKIRA KOMAKI,

No of Pages : 31
No of Claims : 14

(57) Abstract :
A motorcycle electronic key system comprising a controller (14) mounted in an actual vehicle, and a portable transmitter-receiver (12) to be carried around by the user, wherein the actual vehicle (100A) has an openable/closable seat (108) to be taken by the user, with a start switch (70) installed in the seat (108) for starting the controller (14). Specifically, the start switch (70) is located in a position which is inside the seat (108) and which corresponds to a portion of the left-hand side surface, for example, where the user touches the seat (108) when opening the seat (108). An operating element (70a) for the start switch (70) is opposed to the back of a skin (122a) on the left-hand side surface of the seat (108).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2007

(21) Application No.1419/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ABSORBENT ARTICLE WITH URINE-PERMEABLE COVERSHEET

(51) International classification :A61F 13/15
(31) Priority Document No :60/609,393
(32) Priority Date :13/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032112
Filing Date :09/09/2005
(87) International Publication No :WO 2006/031639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)GEILICH, RALF
4)SEEBOTH, SIMONE
5)PONOMARENKO, EKATERINA ANATOLYEVNA
6)DIVO, MICHAEL I.

No of Pages : 34
No of Claims : 6

(57) Abstract :
This invention is directed to an absorbent article, preferably a diaper or training pants, having a backsheet, an absorbent core and a topsheet, provided with at least one opening adapted to receive fecal material, comprising also a genital coversheet, which in use covers the genitals, and which is positioned in, under or above part of the opening, such that a void space can be created between the genital coversheet and the absorbent core and such that a void space is present between the topsheet and the absorbent core.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2007

(21) Application No.1420/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPOSITIONS COMPRISING 5-AMINO-2-HYDROXYBENZOIC ACID AND A REDUCING SUGAR

(51) International classification :A61K 9/16
(31) Priority Document No :69/606,386
(32) Priority Date :01/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030907
Filing Date :31/08/2005
(87) International Publication No :WO 2006/028831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)TROMBLEY, KURT, FRANKLIN
4)REDMAN-FUREY,NANCY,LEE

No of Pages : 24
No of Claims : 13

(57) Abstract :
Compositions comprising 5-amino-2-hydroxybenzoic acid (5-amino salicylic acid, mesalamine) and a reducing sugar, e.g., lactose, undergo the Maillard and other chemical reactions and produce, in the case of lactose, a degradant5-[2-Formyl-5-(hydroxyrnethyl)-lH-pyrrol-l-y]-2-hydroxyberizoic acid. Inventors have developed means to contain and/or reduce the formation of degradants of 5-amino-2-hydroxybenzoic acid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2007
(21) Application No.1421/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DIAPER WITH ELASTICATED TOPSHEET

(51) International classification :A61F 13/512
(31) Priority Document No :60/609,394
(32) Priority Date :13/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032122
Filing Date :09/09/2005
(87) International Publication No :WO 2006/031642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)SCHMIDT, MATTIAS
5)COSTELLO, JOHN CARL
6)SULLIVAN, ANN, MARIE
7)FLENDER, GREGG ALLEN

No of Pages : 35
No of Claims : 10

(57) Abstract :
The present invention relates to a disposable absorbent article, e.g. a diaper, having a backsheet, an absorbent core and a topsheet, said absorbent article having a length L, said topsheet having an opening and primary elasticated areas and secondary elasticated areas, the latter being curved or angled, having an overall curvature with a radius of from 0.3 L to 3.2L, wherein the average transverse distance between a primary elasticated area and a secondary elasticated area of a crotch side portion is preferably at least 15 mm.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2007

(21) Application No.1422/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND SYSTEM OF FRICTION WELDING

(51) International classification :B23K 31/02
(31) Priority Document No :10/924,633
(32) Priority Date :24/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003241
Filing Date :03/02/2005
(87) International Publication No :WO 2006/022819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LOVIN,JEFFREY,D.
2)ADAMS, ROBERT,C., II
3)KURUZAR, DANIEL,L.
4)SPINDLER, DIETMAR

No of Pages : 56
No of Claims : 28

(57) Abstract :
A method and System of direct drive friction welding to reduce upset variation or rjbduce welded part length variation and a method and System of inertia friction weldmg to reduce upset variation. The System comprises a spindle which is configured to engage part and a drive which is operatively connected to the spindle to rotate the spindle, and associated microprocessor based devices to store data and command the drive. The method comprises a sample friction weld of parts, and storing data in connection therewith, in order to generate a profile of upset versus speed. The method then, through the modulation of spindle drive torque, uses this profile for additional production friction welds having upset versus speed characteristics consistent with the profile of the sample weld during a deceleration phase of the friction weld.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007

(21) Application No.1467/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH COBALT CONTENT, HIGH COBALT SURFACE AREA CATALYSTS, PREPARATION AND USE THEREOF"

(51) International classification	:B01J 23/75
(31) Priority Document No	:0418934.6
(32) Priority Date	:25/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003235
Filing Date	:19/08/2005
(87) International Publication No	:WO 2006/021754
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JOHNSON MATTHEY PLC.,
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(72)**Name of Inventor :**
1)CORNELIS MARTINUS LOK
2)JOHN WEST

No of Pages : 19
No of Claims : 14

(57) Abstract :
A particulate catalyst is described comprising an intimate mixture of cobalt and aluminum compounds having cobalt and aluminum at an atomic ratio in the range 10:1 to 2:1 (C0:A), which when reduced at 425Â°C, has a cobalt surface area as measured by hydrogen chemisorptions at 150Â°C of at least 30 m2/g of catalyst. The catalyst is prepared by sequential precipitation of cobalt with aluminum ions in the presence of an alkaline precipitation agent. The catalyst may be used for the hydrogenation of unsaturated compounds or the Fischer-Tropic synthesis of hydrocarbons.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007

(21) Application No.1468/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ELECTRONIC APPARATUS"

(51) International classification :H02N 11/00
(31) Priority Document No :0416519.7
(32) Priority Date :23/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002878
Filing Date :22/07/2005
(87) International Publication No :WO 2006/008541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RODNEY MILLER

No of Pages : 24
No of Claims : 22

(57) Abstract :
The invention provides a device for producing and focussing an electron beam; the device comprising an evacuated chamber (4), a source of electrons (2), a target (6), means for creating an electric field to accelerate a stream of the electrons constituting the electron beam through the chamber towards the target, and means (12) for providing a magnetic field crossing the electron beam; characterised in that the magnetic flux of the magnetic field progressively reduces in the direction of the target.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007

(21) Application No.1469/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS OF OPERATING RADIO COMMUNICATIONS DEVICES INCLUDING PREDEFINED STREAMING TIMES AND ADDRESSES AND RELATED DEVICES"

(51) International classification	:H04L 29/06
(31) Priority Document No	:10/939,207
(32) Priority Date	:10/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/030251
Filing Date	:25/08/2005
(87) International Publication No	:WO 2006/031405
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)JOHN ANG
2)STEPHEN K. FORBES

No of Pages : 35
No of Claims : 42

(57) Abstract :
Methods of operating radio communications devices may include accepting user input at the radio communications device of a streaming time to initiate media streaming, and accepting user input at the radio communications device of a network address of a streaming server to provide media streaming content. At the streaming time, initiating media streaming from the streaming server identified by the network address may be initiated over a radio Related devices are also discussed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007

(21) Application No.1470/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LOW COST AMORPHOUS STEEL"

(51) International classification :C22C 38/12
(31) Priority Document No :60/613,780
(32) Priority Date :27/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/034983
Filing Date :27/09/2005
(87) International Publication No :WO 2006/037093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KENNETH S. VECCHIO
2)JUSTIN CHENEY

No of Pages : 18
No of Claims : 22

(57) Abstract :
Design and fabrication processes and compositions for iron-based bulk metallic glass materials or amorphous steels. Examples of bulk metallic glasses based on the described compositions may contain approximately 59 to 70 atomic percent of iron, which is alloyed with approximately 10 to 20 atomic percent of metalloid elements and approximately 10 to 25 atomic percent of refractory metals. The amorphous steels may exhibit X-ray diffraction patterns as shown in Figure 1. The compositions can be designed using theoretical calculations of the liquidus temperature to have substantial amounts of refractory metals, while still maintaining a depressed liquidus temperature. The alloying elements are molybdenum, tungsten, chromium, boron, and carbon Some of the alloys are ferromagnetic at room temperature, while others are non-ferromagnetic. These amorphous steels have increased specific strengths and corrosion resistance compared to conventional high strength steels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007
(21) Application No.1475/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PYROLYSIS MACHINE"

(51) International classification :C10B 7/10
(31) Priority Document No :10/921,033
(32) Priority Date :18/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/029424
Filing Date :18/08/2005
(87) International Publication No :WO 2006/023662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 13

(57) Abstract :
Useful byproducts are recovered through the paralytic processing of biomass material (2) such as vegetation, paper, or worn tires. The process is conducted in a sealed enclosure (5) under vacuum or other controlled atmosphere. The biomass material is ablated and burned by crunching between counter-rotating rollers (3, 4) whose inner walls have been exposed to a highly heated fluid. The biomass material is preheated by injecting into the feeding duct (6) super-heated dry steam (37). A condenser (29, 30) within the enclosure reduces resulting vapors into oils that can be drained from the enclosure pan (32). Solid combustion residue is abstracted from the enclosure by an Archimedes screw (35).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2006

(21) Application No.1479/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HEAVY DUTY BASE VALVE"

(51) International classification :F16F 9/49
(31) Priority Document No :10/667,913
(32) Priority Date :22/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/029623
Filing Date :10/09/2004
(87) International Publication No :WO 2005/033548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DEFERME, STEFAN

No of Pages : 17
No of Claims : 9

(57) Abstract :
A dual tube shock absorber has a base valve assembly which includes both low speed control using a bleed type orifice and high speed/high pressure blow off control using a disc spring. The base valve assembly provides this variable damping force characteristic while reducing the dead length of the shock absorber.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2005

(21) Application No.1569/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TOOTHBRUSH"

(51) International classification :A61C17/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2003/034108
Filing Date :24/10/2003
(87) International Publication No :WO 2004/039208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOHLBEIN DOUGLAS

No of Pages : 2
No of Claims : 2

(57) Abstract :
A toothbrush (10) is disclosed with soft fingers (16) mounted on the toothbrush head (14). During use of the toothbrush the fingers move laterally relative to the axis of the toothbrush thereby improving the tooth cleaning and gum massaging performance of the toothbrush. The lateral movement of the fingers is accomplished by relatively stiff ribs (24) which physically interconnect the fingers to flexible portions of the toothbrush head. The ribs translate flexure of the head into the lateral movement of the fingers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2005

(21) Application No.1630DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CELECOXIB PRODRUG

(51) International classification :C07D233/54
(31) Priority Document No :60/425703
(32) Priority Date :12/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/035222
Filing Date :03/11/2003
(87) International Publication No :WO 2004/043934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MATTHEW J. GRANETO

No of Pages : 25
No of Claims : 14

(57) Abstract :
N-[[4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]phenyl]-sulfonyl]propanamide and pharmaceutically acceptable salts thereof are useful prodrugs of the selective COX-2 inhibitory drug celecoxib, which can be administrated to a subject by any suitable route.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2005

(21) Application No.1749/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NOVEL VITRONECTIN RECEPTOR ANTAGONIST DERIVATIVES, METHOD FOR PREPARING SAME, USE THEREOF AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME

(51) International classification	:CO7 D 471/04
(31) Priority Document No	:0214429
(32) Priority Date	:19/11/2002
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 2004/048375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LEFRANCOIS JEAN-MICHEL
3)HECKMANN BERTRAND

No of Pages : 113
No of Claims : 22

(57) Abstract :
in which R1, R2, R3, R4 and G have the meanings indicated in the description, their preparation process, their use as medicaments having an antagonist activity on the vitronectin receptor and the pharmaceutical compositions containing them

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2004
(21) Application No.1800/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "1,3-DIMETHYLBUTYLCARBOXANILIDES"

(51) International classification :C07D 231/4
(31) Priority Document No :10349502.9
(32) Priority Date :23/10/2003
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)ULRIKE WACHENDORFF-NEUMANN
6)PETER DAHMEN
7)KARL-HEINZ KUCK

No of Pages : 76
No of Claims : 12

(57) Abstract :
Novel 1,3-dimethylbutylcarboxanilides of the formula (I) in which A, R1 and R2 are as defined in the description, a plurality of processes for preparing these compounds and their use for controlling unwanted microorganisms, and also novel intermediates and their preparation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2004
(21) Application No.1801/DEL/2004 A
(43) Publication Date : 27/04/2007

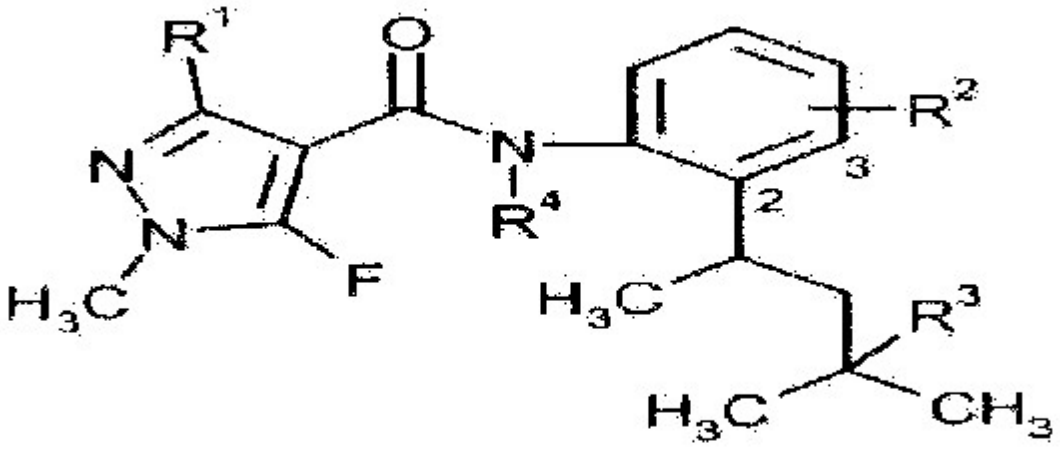
(54) Title of the invention : "N-SUBSTITUTED PYRAZOLYCARBOXANILIDES"

(51) International classification :CO 7D 233/00
(31) Priority Document No :10349497.9
(32) Priority Date :23/10/2003
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)KARL-HEINZ KUCK

No of Pages : 47
No of Claims : 15

(57) Abstract :
Novel N-substituted pyrazolylcarboxanilides of the formula (I) in which R1 , R2 , R3 and R4 are as defined in the description, a plurality of processes for preparing these compounds and their use for controlling unwanted microorganisms, and also novel intermediates and their preparation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1814/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RECOMBINANT MVA VIRUSES EXPRESSING CLADE A/G, CLADE B AND CLADE C MODIFIED HIV ENV, GAS AND POL GENES"

(51) International classification :C07K 14/16
(31) Priority Document No :60/604,918
(32) Priority Date :27/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030977
Filing Date :29/08/2005
(87) International Publication No :WO 2006/026667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LINDA S.WYATT
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No of Pages : 112
No of Claims : 18

(57) Abstract :
The invention provides modified vaccinia Ankara (MVA), a replication-deficient strain of vaccinia virus, expressing human immunodeficiency virus (HIV) env, gag, and pol genes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1815/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LOCATION BASED SERVICE (LBS) SYSTEM AND METHOD FOR TARGETED ADVERTISING"

(51) International classification :H04L 12/56
(31) Priority Document No :10/931,309
(32) Priority Date :31/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/031157
Filing Date :08/03/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)KIRK STEVEV TAYLOR
4)LIREN CHEN

No of Pages : 29
No of Claims : 21

(57) Abstract :
A system and method for providing a location based service to create a social network, comprising activating a feature from a wireless terminal, registering from the wireless terminal with a location based service associated with the feature, creating a profile of a user of the feature, and displaying advertising based on the profile and based on geographic location of the wireless terminal. A Global Positioning System (GPS) may be used to geographically locate active users of a feature and sponsors of advertising. Advertising is displayed based on geographic location of the wireless terminal and sponsor(s) of the advertising being represented on an activity map.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2007

(21) Application No.1816/DELNP/2007 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS FOR SHORT TERM PROTECTION OF AUTOMOTIVE SURFACES AND COMPOSITIONS FOR USE THEREIN"

(51) International classification :B05D 7/14
(31) Priority Document No :60/608,615
(32) Priority Date :10/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032324
Filing Date :09/09/2005
(87) International Publication No :WO 2006/031691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVID L.BALOG
3)LAURIE A. GALLAGHER

No of Pages : 35

No of Claims : 21

(57) Abstract :
Disclosed are methods of providing short-term protection to an automobile exterior. In one embodiment, the method comprises applying an aqueous film-forming automotive coating composition to an automobile exterior, drying the aqueous film-forming automotive coating composition at ambient conditions to form a protective coating that does not substantially alter the gloss or color of the automobile exterior; and removing the protective coating after a period of time post-application in a manner that does not result in damage to the automobile exterior and produces a biodegradable waste stream- A two component package is also provided, the package comprising an aqueous film-forming automotive coating composition comprising a film-forming polymer and a solvent; and an aqneons wash removal composition that is at least one of a surfactant wash, a solvent wash, a solvent surfactant wash, or a combination thereof. In another embodiment, a curable coating composition is applied and cured by natural sunlight.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1817/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR EVALUATING A REFINERY FEEDSTOCK"

(51) International classification :G01N 33/28
(31) Priority Document No :0420564.7
(32) Priority Date :15/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003555
Filing Date :14/09/2005
(87) International Publication No :WO 2006/030215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PAUL GREENOUGH
4)NICHOLAS JOHN GUDDE
5)MICHAEL GRAHAM HODGES

No of Pages : 17
No of Claims : 18

(57) Abstract :
A method for controlling the blending of blend stocks having boiling points less that 350Â° C. into blend products or controlling refinery or chemical processes with feedstocks and products with boiling points less than 350Â° C. The method comprises selecting one or more chemical or perceptual or physical property or performance properties of the blend stock or blend product or refinery or chemical feed or product, creating a training set from reference samples which contain characteristic molecular species present in the blend stock or blend product or refinery or chemical process feed or product. The reference samples are subject to GC/MS analysis wherein the often collinear data generated is treated by multivariate correlation methods. The training set produces coefficients which are multiplied by the matrix generated from a GC/MS analysis of an unknown blend stock or blend product or refinery or chemical process feed or product to produce a predicted value for the chemical, performance, perceptual or physical property or groups of properties selected.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1818/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR EVALUATING A REFINERY FEEDSTOCK"

(51) International classification :G01N 33/28
(31) Priority Document No :0420561.3
(32) Priority Date :15/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003560
Filing Date :14/09/2005
(87) International Publication No :WO 2006/030218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOHN WILLIAM COUVES
3)PAUL GREENOUGH
4)NICHOLAS JOHN GUDDE
5)MICHAEL GRAHAM HODGES

No of Pages : 22
No of Claims : 22

(57) Abstract :
A process for evaluating a refinery feedstock, said process comprising: (i) providing a refinery feedstock, (ii) treating said refinery feedstock to produce an array comprising a plurality of fractions having different chemical and/or physical properties, each fraction being representative of a process stream that might be present in a refinery, and (iii) analysing each of said plurality of fractions to determine one or more chemical and/or physical properties of the fractions, said analyses being performed at least partially in parallel. In a preferred embodiment, a plurality of refinery feedstocks is evaluated, each being fractionated prior to analysis of the fractions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1821/DELNP/2007 A
(43) Publication Date : 27/04/2007

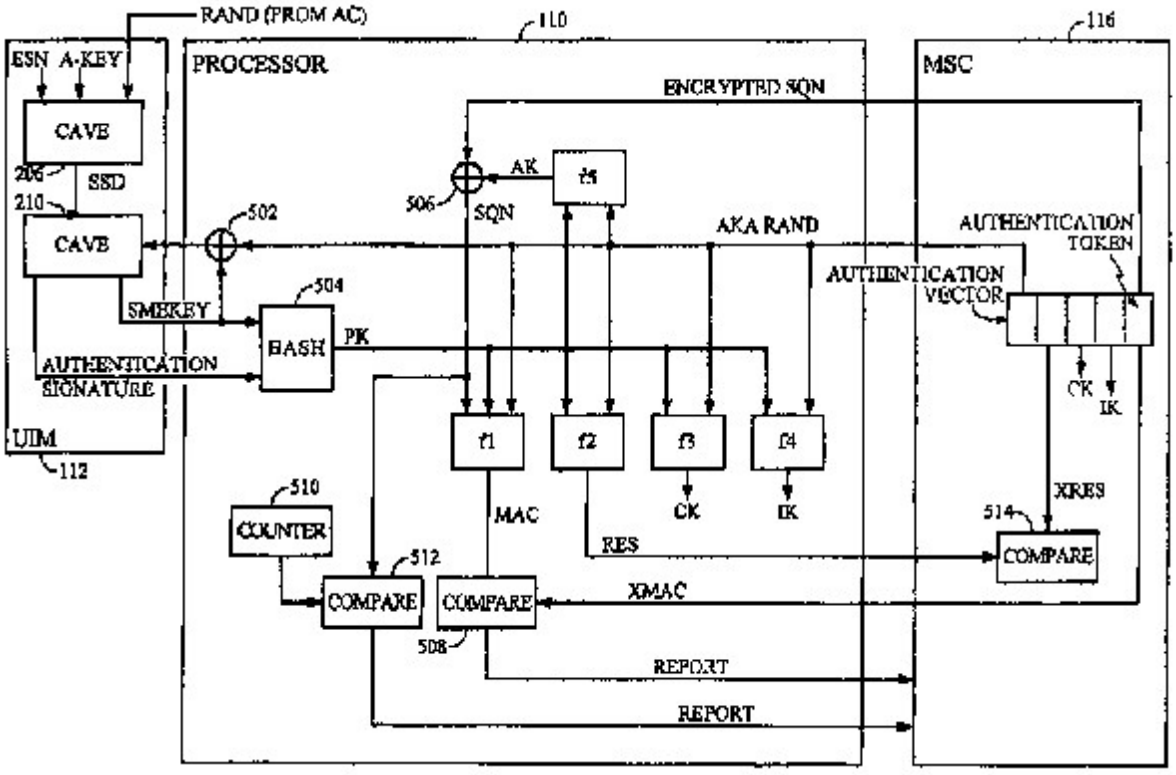
(54) Title of the invention : "METHOD AND APPARATUS FOR PSEUDO-SECRET KEY GENERATION TO GENERATE A RESPONSE TO A CHALLENGE RECEIVED FROM SERVICE PROVIDER"

(51) International classification	:H04L 29/06
(31) Priority Document No	:60/606,971
(32) Priority Date	:02/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/031468
Filing Date	:02/09/2005
(87) International Publication No	:WO 2006/029051
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ROY FRANKLIN QUICK,JR.
3)JOHN WALLACE NASIELSKI
4)JAMES SEMPLE

No of Pages : 21
No of Claims : 30

(57) Abstract :
A subscriber station (110, 112) may be configured with a processing system having first and second security protocols (210, f2). The processing system uses the first security protocol (210) to generate a pseudo-secret key from a challenge received from a service provider, and uses the second security protocol (f2) to generate a response to the challenge from the pseudo-secret key.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1822/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SILICA SUPPORT, HETEROPOLYACID CATALYST PRODUCED THEREFROM AND ESTER SYNTHESIS USING THE SILICA SUPPORTED HETEROPOLYACID CATALYST"

(51) International classification :B01J 21/08
(31) Priority Document No :0421012.6
(32) Priority Date :22/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003470
Filing Date :08/09/2005
(87) International Publication No :WO 2006/032843
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CRAIG BAILEY
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No of Pages : 13
No of Claims : 30

(57) Abstract :
A silica support for use in the manufacture of a silica supported heteropolyacid catalyst for use in producing a carboxylic ester from a monocarboxylic acid, olefin and water wherein the support is produced by treating silica-gel granules with steam at a temperature in the range 100 to 300°C for a period of time in the range 0.1 to 200 hours.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1825/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD, NETWORK ELEMENTS, A TERMINAL, A NETWORK INFRASTRUCTURE, AND A COMMUNICATION SYSTEM FOR TRIGGERING EVENTS

(51) International classification	:H04L 29/06
(31) Priority Document No	:60/603,281
(32) Priority Date	:23/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/002228
Filing Date	:28/07/2005
(87) International Publication No	:WO 2006/021845
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)ZHENG, HAIHONG
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3)SREEMANTHULA,SRINIVAS
4)LE, KHIEM
5)RINNE, MIKKO J.
6)EKLUND, CARL

No of Pages : 55
No of Claims : 42

(57) Abstract :
A method, network elements, a MN terminal, and a system of triggering events in a protocol layer stack of a communication system comprising at least one terminal and a network infrastructure including at least a first network element and a second network element, the method comprising the steps of detecting a terminal-related event of a lower protocol layer at the first network element; initiating a network-related event of a higher protocol layer to be rendered effective at the terminal, wherein the step of initiating further comprises a step of determining a necessity for the higher layer event on the basis of the detected lower layer event, and the step of initiating is effected in case the step of determining yields a necessity for the higher layer event to be triggered.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1828/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VAPOR CHAMBER WITH BOILING-ENHANCED MULTI-WICK STRUCTURE"

(51) International classification :F28D 15/02
(31) Priority Document No :60/632,704
(32) Priority Date :01/12/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2005/002057
Filing Date :30/11/2005
(87) International Publication No :WO 2006/058494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WING MING SIU

No of Pages : 41
No of Claims : 22

(57) Abstract :
A heat transfer device includes a chamber with a condensable fluid with an evaporative region coupled to a heat source. Within the chamber is a boiling-enhanced multi-wick structure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1829/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR PRINTING SECURITY DOCUMENTS, AND SECURITY DOCUMENT"

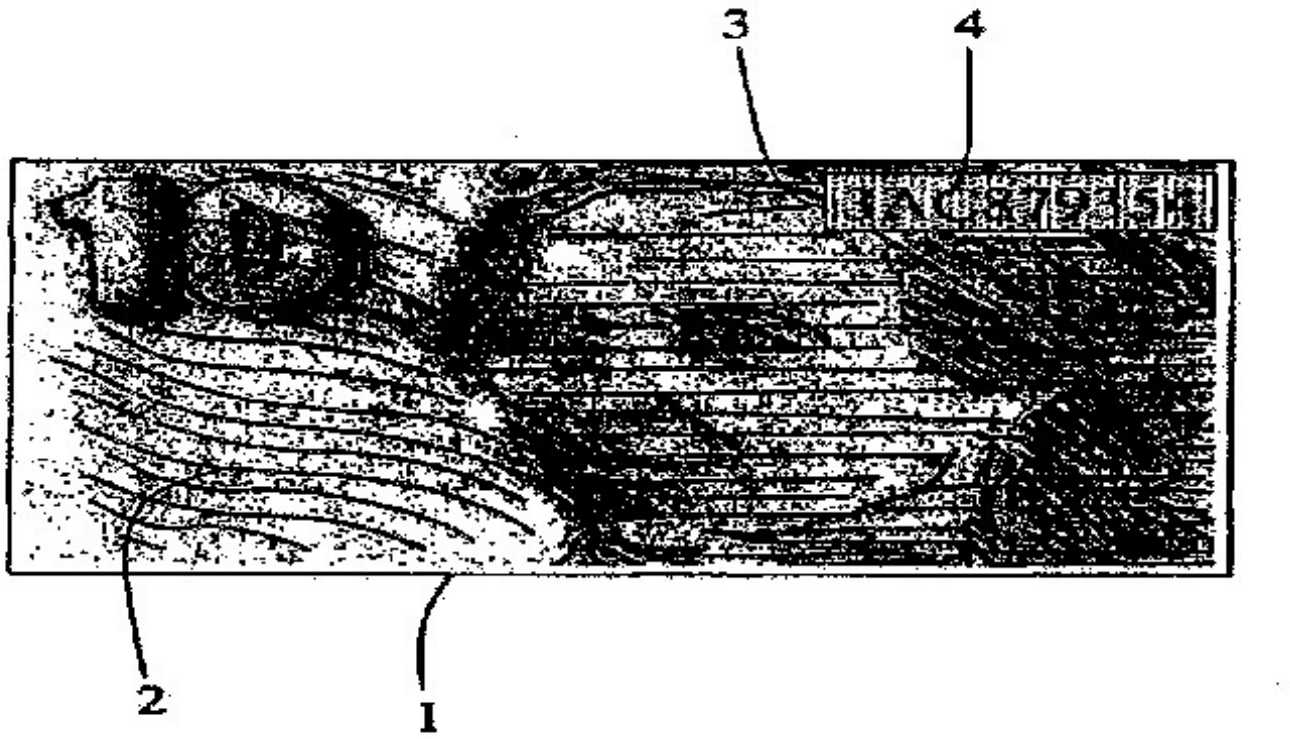
(51) International classification	:B41M 3/14
(31) Priority Document No	:04020017.2
(32) Priority Date	:24/08/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/IB2005/002453 :19/08/2005
(87) International Publication No	:WO 2006/021856
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)GYGI MATTHIAS

No of Pages : 10

No of Claims : 14

(57) Abstract :
The invention concerns a method for printing security documents (1) comprising in particular a lacquering step which consists in depositing a protective layer on the surface of the security documents, as well as a typographic printing step which consists in printing at least one typographic element (4) on said security documents following the lacquering step. Therefor, prior to the typographic printing step, at least one roughened surface (3) is formed on the security documents, for receiving a typographic element The roughness of the surface (4) provides better adherence of the typographic ink on the document already provided with a protective coating produced, for example, with a UV-curable lacquer.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1830/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FAN UNITS"

(51) International classification	:A61L 9/12
(31) Priority Document No	:PCT/IB2004/003458
(32) Priority Date	:21/10/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/IB2004/003458 :21/10/2004
(87) International Publication No	:WO 2006/043124
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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No of Pages : 18
No of Claims : 25

(57) Abstract :
A fan unit (10) for purifying air comprises a fan housing (20), a Rota table fan body (3O)disposed within the housing (20), the fan body having a flow inlet cavity (36) and an air purifying lamp (40) disposed at least partially within the flow inlet cavity (36), whereby, in use, air drawn into the housing (20) through the flow inlet cavity (36) is purified by radiation emitted from the lamp (40).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1831/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL INSECTICIDES"

(51) International classification :C07C 381/10
(31) Priority Document No :0420966.4
(32) Priority Date :21/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/010145
Filing Date :20/09/2005
(87) International Publication No :WO 2006/032462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JEANGUENAT ANDRE
2)O'SULLIVAN,ANTHONY CORNELIUS

No of Pages : 114
No of Claims : 8

(57) Abstract :
Abstract: Compounds of formula (l) wherein the substituents are as defined in claim I, and the agrochemically acceptable sails and all stereoisomers and tautomeric forms of the compounds of formula 1 can be used as agrochemical active ingredients and can be prepared in a manner known per se.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1832/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "QUALITY POWER FROM INDUCTION GENERATOR FEEDING VARIABLE SPEED MOTORS"

(51) International classification :H02P 9/04
(31) Priority Document No :10/982,628
(32) Priority Date :04/11/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/037689
Filing Date :21/10/2005
(87) International Publication No :WO 2006/052410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GROVER RISHI

No of Pages : 12
No of Claims : 10

(57) Abstract :
A prime mover (28) in a heat recovery system drives an induction generator (8) which feeds power to a utility grid (9) through a breaker (10) but also powers a load including auxiliary induction motors (11, 12). To provide acceptable waveform and power factor, the auxiliary equipment is driven through IGBT switched bridge converters (13) by DC voltage (15) generated by an IGBT switched bridge converter (13a), instead of three-phase diode rectifiers (16). The switched bridge converter controller (14a) is responsive to a system process controller (23a) which causes the switched bridge controller (13 a) to be driven in response to the voltage (26) and current (27) on the generator bus (17). This eliminates the need for harmonic filters (18) and power factor capacitors (20) while improving the quality of the power generated. The controller (23a) trips the breaker if the voltage, frequency or power factor is out of limits.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1833/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHARMACEUTICAL COMPOSITIONS FOR ALLEVIATING EXCESS LEVELS OF SUGAR IN DIABETIC PATIENTS"

(51) International classification	:A61P 3/10
(31) Priority Document No	:163409
(32) Priority Date	:08/08/2004
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2005/000811
Filing Date	:31/07/2005
(87) International Publication No	:WO 2006/016352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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No of Pages : 20
No of Claims : 10

(57) Abstract :
A pharmaceutical composition for alleviating excess levels of sugar in the blood of type 2 diabetic patients comprising a source of at least one cyanogenic glucoside as active ingredient therein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1834/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WATERPROOFING COMPOSITION BASED ON POLYSTYRENE AND THE PROCESS FOLLOWED TO FABRICATE OR MANUFACTURE IT"

(51) International classification :C09D 125/06
(31) Priority Document No :PA/A/2004 00853
(32) Priority Date :01/09/2004
(33) Name of priority country :Mexico
(86) International Application No :PCT/MX2005/000076
Filing Date :01/09/2005
(87) International Publication No :WO 2006/025721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 8

(57) Abstract :
This invention provides a waterproofing composition, procedure for its manufacture and its use, obtained based on polystyrene, preferably recycled polystyrene, the product is very flexible. The raw material of this waterproofing composition consists of all kind of waste polystyrene collected from trash dumps or any source of waste where; it can be collected or, in a given case, from virgin polystyrene.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1835/DELNP/2007 A
(43) Publication Date : 27/04/2007

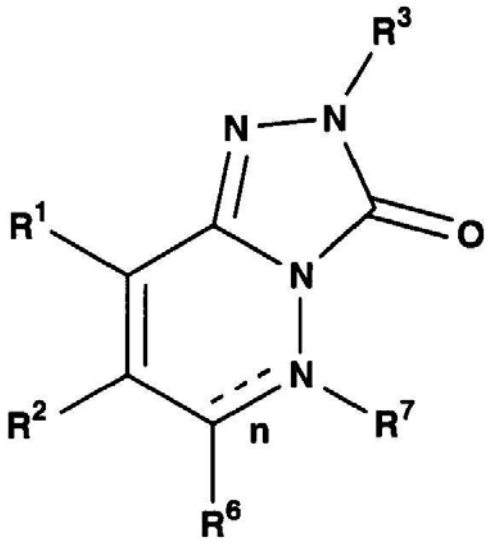
(54) Title of the invention : "MODULATION PRODUCTION OF PNEUMOCOCCAL CAPSULAR POLYSACCHARIDE"

(51) International classification :C12Q 1/02
(31) Priority Document No :60/189,847
(32) Priority Date :16/03/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/08442
Filing Date :16/03/2001
(87) International Publication No :WO 01/68903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/00895/DEL
Filed on :13/09/2002

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No of Pages : 36
No of Claims : 5

(57) Abstract :
The invention relates to methods of modulating capsular polysaccharide production in pneumococcal such as Streptococcus pneumonae. The invention further relates to methods of alleviating pneumococcal infections in animals, and to methods of identifying both agents capable of modulating pneumococcal infections in animals. Figure(1) comprising figures 1Ai-1Avi and 1Bi-1Bvi is a series of images indicating the effect of environmental oxygen and carbon dioxide concentration on colony morphology and capsule size, as assessed using the Quellung reaction.



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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1836/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TWO-CYCLE SWASH PLATE INTERNAL COMBUSTION ENGINE"

(51) International classification :F02B 75/12
(31) Priority Document No :10/939,010
(32) Priority Date :10/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032052
Filing Date :08/09/2005
(87) International Publication No :WO 2006/031618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 10

(57) Abstract :
A power-generation device comprising at least one cylinder, at least one cylinder head, at least one piston and an output shaft, having a central axis having a fixed angular relationship to the central axis of the cylinder. A swash plate, having a first swash plate surface having a normal axis disposed at a first fixed angle to the central axis of the output shaft, is fixed to the output shaft. At least one connecting rod is connected to at least one piston. At least one follower is secured to the second end of a connecting rod. The first follower surface contacts, and conforms to. the orientation of the first swash plate surface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1837/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FOOD PRODUCTS FOR DIABETICS

(51) International classification :A61P 7/00
(31) Priority Document No :163418
(32) Priority Date :09/08/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2005/000854
Filing Date :09/08/2005
(87) International Publication No :WO 2006/016357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)PELLED, DORI
3)COHEN, TZAFRA

No of Pages : 75
No of Claims : 38

(57) Abstract :
Disclosed is a novel food product characterized by a low glucose or glucose free content, a balanced functional fat content, and a proactive agent aimed for the diabetic and diabetic-prone populations. The food product of the invention is a functional food which may be used clinically to lower the lipid level in people suffering from an imbalanced lipid profile and which may progress towards diabetes complications and coronary vascular disorders. In particular embodiments the proactive agent can be any of a naturally occurring lipid, a synthetic or mimetic lipid which is not digestible by humans and interferes with body weight gain/loss, plant extracts and substances derived therefrom, antioxidants, animal-derived substances, minerals and Pharmaceuticals, and any mixture thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1838/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITION AND ANTIVIRAL ACTIVITY OF SUBSTITUTED AZAINDOLEOXOACETIC PIPERAZINE DERIVATIVES"

(51) International classification :C07D 471/04
(31) Priority Document No :10/214,982
(32) Priority Date :07/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/024415
Filing Date :04/08/2003
(87) International Publication No :WO 2004/014380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :00382/DELNP/2005
Filed on :02/02/2005

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7)ALICIA REGUEIRO-REN
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9)YASUTSUGU UEDA

No of Pages : 580
No of Claims : 3

(57) Abstract :
This invention provides compounds having drug and bio-affecting properties, their pharmaceutical compositions and method of use. In particular, the invention is concerned with azaindole piperazine diamide derivatives that possess unique antiviral activity. More particularly, the present invention relates to compounds useful for the treatment of HTV and AIDS.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1839/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYMER BLEND AND COMPOSITIONS AND METHODS FOR USING THE SAME"

(51) International classification :C08L 81/02
(31) Priority Document No :10/935,856
(32) Priority Date :09/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031694
Filing Date :02/09/2005
(87) International Publication No :WO 2006/029144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 25

(57) Abstract :
A polymer blend having at least one polysulfide component and at least one polythioether component is disclosed. The polymer blend offers numerous advantages, including the ability to compatibilize formulations based on either polysulfide chemistry or polythioether chemistry alone. Compositions comprising the polymer blend, particularly sealant formulations for use in aerospace applications, are also disclosed, as are multilayer sealant assemblies and methods for repairing the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1840/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTICARRIER RECEIVERS AND METHODS FOR DETECTING CYCLIC PREFIXES HAVING"

(51) International classification :H04L 27/26
(31) Priority Document No :10/954,650
(32) Priority Date :29/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/035287
Filing Date :29/09/2005
(87) International Publication No :WO 2006/039546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VUONG, MINH-ANH
3)SALVEKAR,ATUL
4)QIAN, XIAOSHU

No of Pages : 25
No of Claims : 49

(57) Abstract :
A multicamer receiver determines the length of a cycle prefix. The multicarrier receiver contains a cyclic prefix detector. The cyclic-prefix detector includes a matched filter to apply first reference data corresponding to a portion of a first training symbol to the sampled received multicarrier communication signal to generate a first detection output. A second reference data corresponding to a portion of n second training symbol is then applied to the sampled received multicarrier communication signal to generate second detection output The cyclic prefix detector determines the length of a cyclic prefix by performing a modulo operation (eg. modulo by 64) on a number of time-domain samples from first detection output to second detection output. If the longest possible prefix is 64 samples long and the result of the modulo operation by 64 (i.e. the when the number of samples between the two peaks is divided by 64) is zero, then the prefix is 64 samples long. If tho result is 32, then the prefix is 32 numples long etc. The cyclic piulix veuties that the time instance of the second detection output iwithin a predetermined valid range prior to performance of the modulo operation to determine the length of the cyclic prefix. Cyclic-prefix detector may also generate frame-boundary and timing information.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1841/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD FOR INCREASING SEED SIZE"

(51) International classification :C12N 15/82
(31) Priority Document No :0421241.1
(32) Priority Date :23/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003691
Filing Date :23/09/2005
(87) International Publication No :WO 2006/032916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)HEDDEN, PETER
3)LENTON, JOHN, ROBERT
4)EVANS,DANIEL, JAMES
5)STRATFORD,REBECCA

No of Pages : 50
No of Claims : 19

(57) Abstract :
A method is provided for increasing the weight of plant seed, which comprises preparing a genetically modified plant in which gibberellin content has been manipulated in the seed of the plant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1842/DELNP/2007 A
(43) Publication Date : 27/04/2007

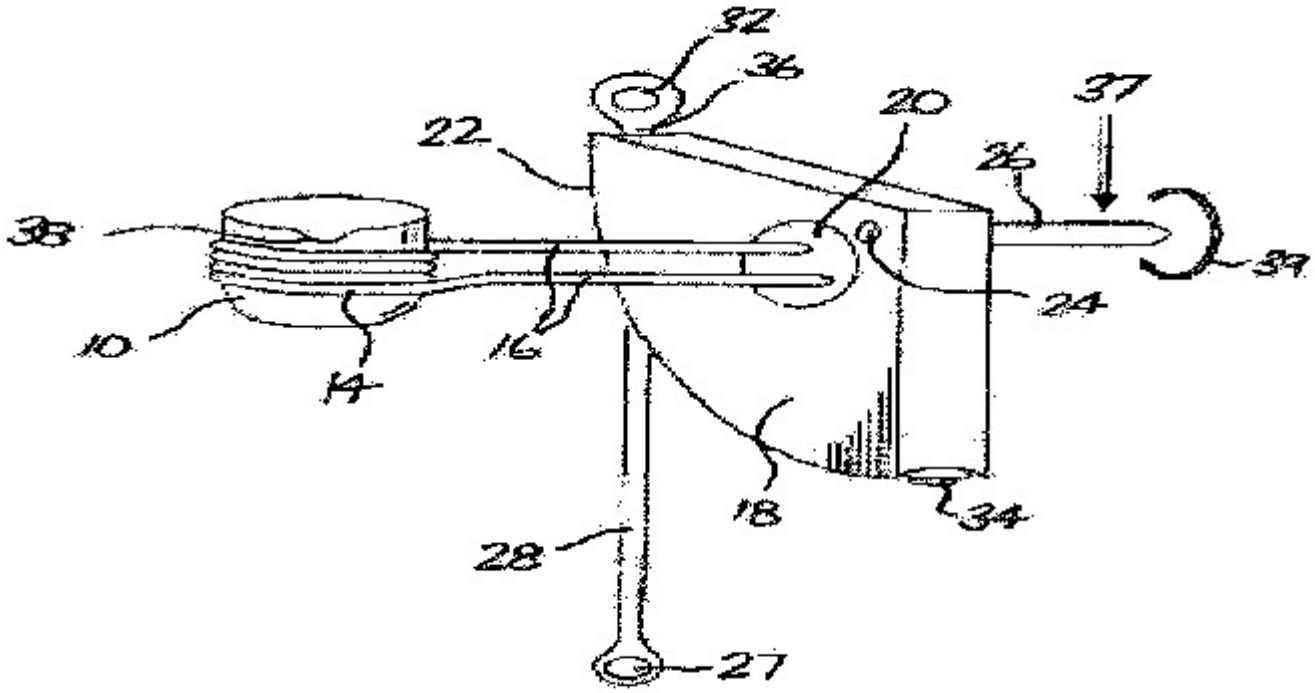
(54) Title of the invention : CASTING METHOD AND APPARATUS

(51) International classification	:F27B 14/02
(31) Priority Document No	:2004/6995
(32) Priority Date	:02/09/2004
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2005/001329
Filing Date	:17/05/2005
(87) International Publication No	:WO 2006/024899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF CAPE TOWN
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(72)**Name of Inventor :**
1)KHAN,IRSHAD
2)CRONJE, WESSEL MARTHINUS

No of Pages : 19
No of Claims : 19

(57) Abstract :
The invention concerns a casting apparatus which includes a crucible support and induction heating means (14, 16, 18) arranged to receive and support a crucible (10) containing material which is to be melted and poured from an outlet (38). The outlet is positioned on a vertical axis (40). The support and induction heating means also operates to apply induction heating to the material to melt it in the crucible. There is also a translation mechanism which tilts the crucible while the crucible is still supported and while heat is continuously applied to it. This mechanism operates in such a way that during tilting, the outlet of the crucible is maintained on the vertical axis so that the molten material pours from the outlet â€¢in the vertical axis. In the embodiments Described, the crucible is simultaneously n&ved vertically towards the mould into which the melt pours.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1843/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DROPLET GENERATOR

(51) International classification :B41J 2/025
(31) Priority Document No :04255578.9
(32) Priority Date :15/09/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/054577
Filing Date :14/09/2005
(87) International Publication No :WO 2006/030018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORGAN, JONATHAN
2)LUCAS, JONATHAN HARVEY

No of Pages : 19
No of Claims : 11

(57) Abstract :
The present invention provides a droplet generator (10) of the velocity modulation type, the generator (10) being configured so that substantially all the modulation energy generated by piezo-electric crystals (60) is transformed into vibration of the nozzle (34). The generator preferably also includes an internal closure mechanism (70) which blocks off the nozzle (34) when the generator is not in operation, but which is de-coupled from the modulation process when the generator is operating.

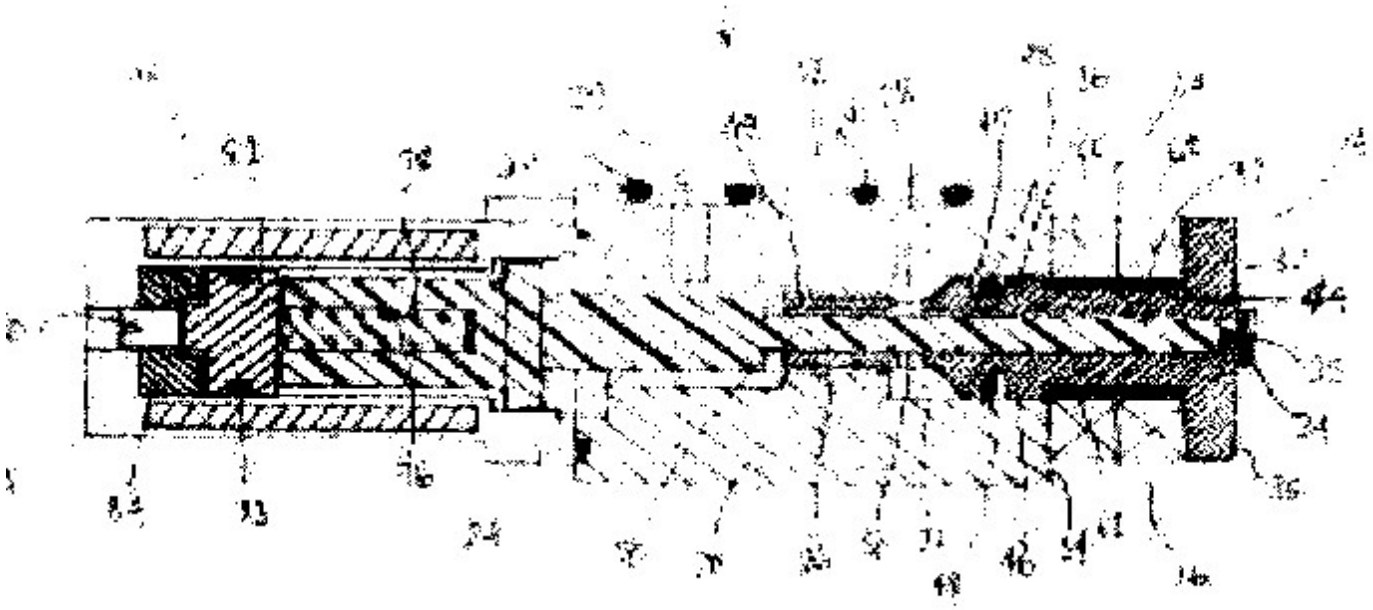


FIGURE 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1844/DELNP/2007 A
(43) Publication Date : 27/04/2007

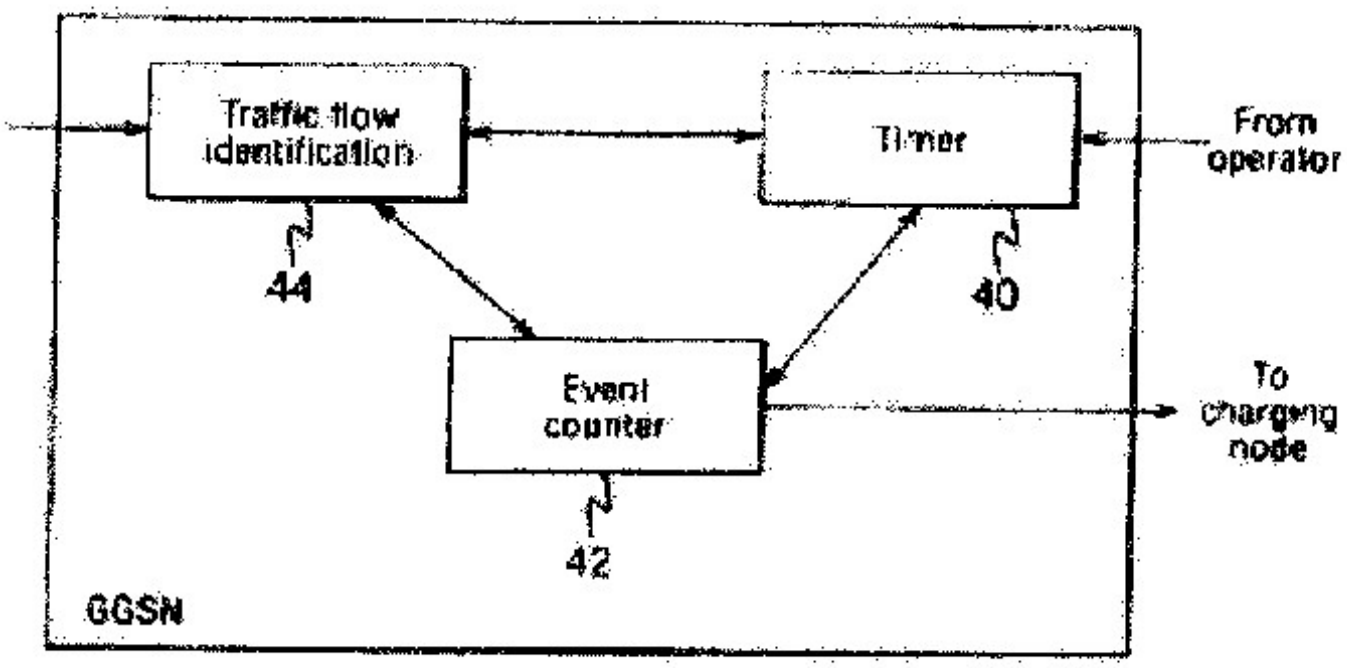
(54) Title of the invention : A METHOD AND ENTITY FOR MONITORING TRAFFIC

(51) International classification :H04L 12/14
(31) Priority Document No :0420549.8
(32) Priority Date :15/09/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2005/003310
Filing Date :13/09/2005
(87) International Publication No :WO 2006/030321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARLSSON, JULIUS
3)PELTOMAKI, ARTO

No of Pages : 27
No of Claims : 20

(57) Abstract :
This invention relates to a method of monitoring traffic comprising the steps of creating a traffic flow on receipt of data; determining if further data is received within a predetermined time; and terminating said traffic flow when no further data is received in said predetermined time.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007

(21) Application No.1845/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR ADAPTIVE THRESHOLDS IN CODEC SELECTION

(51) International classification :G10L 19/14
(31) Priority Document No :0402372-7
(32) Priority Date :30/09/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/001380
Filing Date :21/09/2005
(87) International Publication No :WO 2006/036107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BRUHN, STEFAN
3)LUNDBERG,TOMAS

No of Pages : 41
No of Claims : 37

(57) Abstract :
A method and arrangement for dynamically adapting thresholds used for selecting a codec mode to be used is presented. Thresholds are adapted (240) in response to the current received signal quality. An estimate of actual prevailing received signal quality is obtained (230) on which the adaptation is based. The present invention can be applied either on the mobile terminal side or on the network side, working on the uplink and /or the downlink. The thresholds can be modified on the receiving side, or, when operating in the network and working on the downlink, the threshold adaptation can be initiated in the terminal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.1846/DELNP/2007 A
(43) Publication Date : 27/04/2007

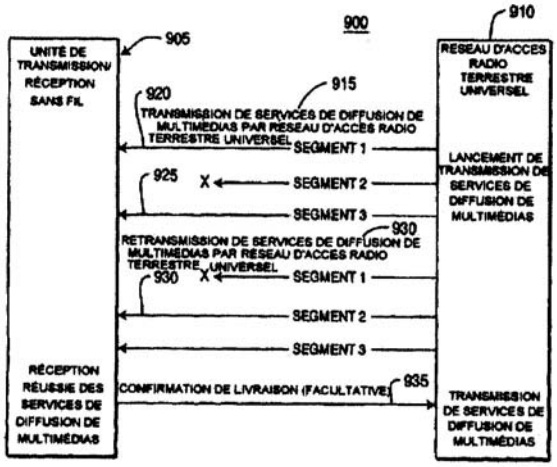
(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING THE DISTRIBUTION OF MULTIMEDIA BROADCAST SERVICES

(51) International classification :H04B 7/212
(31) Priority Document No :60/438,569
(32) Priority Date :06/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/041035
Filing Date :23/12/2003
(87) International Publication No :WO 2004/064270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2685/DELNP/2005
Filed on :17/06/2005

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(72)**Name of Inventor :**
1)TERRY.STEPHEN,E.

No of Pages : 32
No of Claims : 3

(57) Abstract :
A wireless multi-cell communication system and method of controlling the distribution of multimedia broadcast services (MBMS). The system includes at least one network, e. g., a Universal Terrestrial Radio Access Network (UTRAN), which distributes the MBMS to one or more wireless receive/transmit units (WTRUs). In one embodiment, the MBMS are activated and deactivated based on whether periodic cell updates are provided for a particular cell. In another embodiment, MBMS transmission is terminated when receipt of the MBMS are confirmed. In yet another embodiment, the MBMS are segmented to reduce the resources used by the network and/or the WTRUs during MBMS distribution.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1847/DELNP/2007 A
(43) Publication Date : 27/04/2007

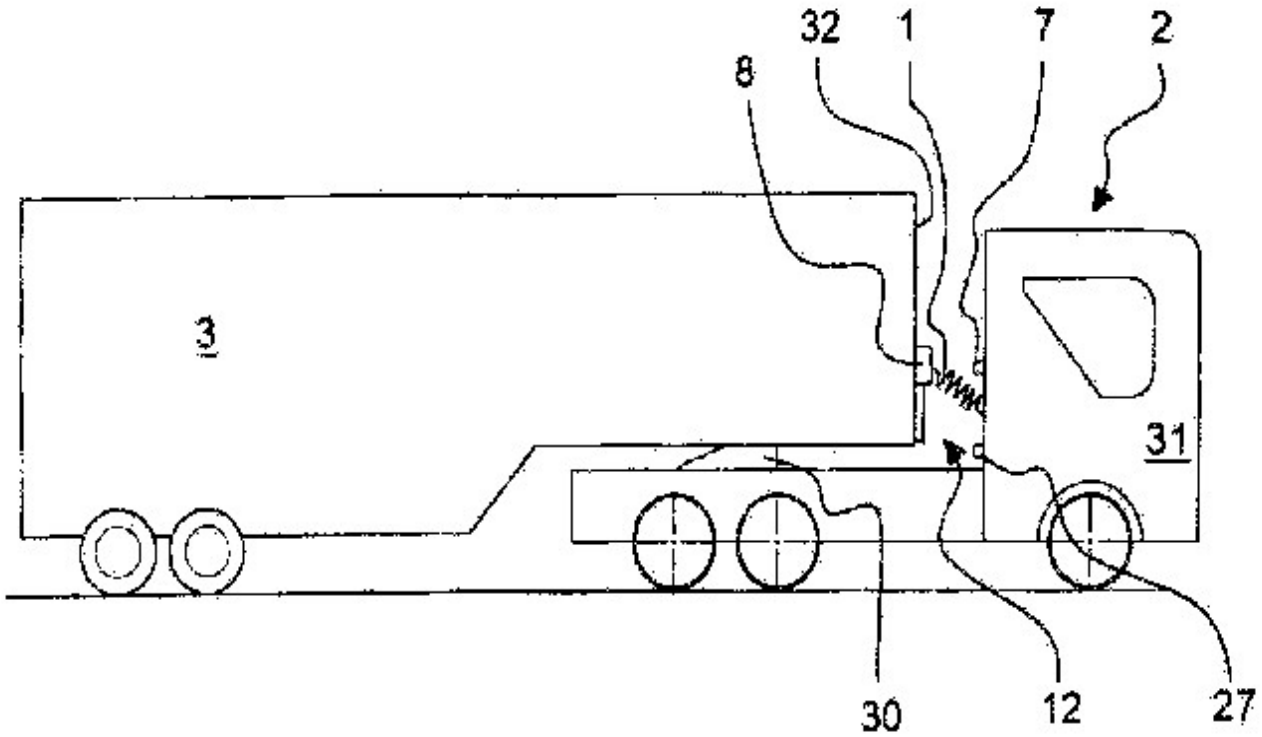
(54) Title of the invention : "CONNECTOR BRACKET OF A TRAILER"

(51) International classification	:B60D 1/62
(31) Priority Document No	:10 2004 044 991.0
(32) Priority Date	:16/09/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/009645
Filing Date	:08/09/2005
(87) International Publication No	:WO 2006/029753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)JOSE MANUEL GALLEGO ALGUERA

No of Pages : 29
No of Claims : 21

(57) Abstract :
The invention relates to a coupling system tor connecting at least one supply line (1) between a towing vehicle 2) and a trailer (3), the first end (4) of said at least one supply line (1) being attached to the towing vehicle (2) in a fixed manner, and the second end thereof comprising a connector (6) that can be connected to a supply bracket (8) of the trailer (3). The aim of the invention is to provide a coupling system for the supply lines (1). by which means a complicated operation between the trailer (3) and the driver's cab (31) of the towing vehicle (2) is avoided. To this end. a coupling system is provided, whereby the supply bracket (8) can be displaced out of a travelling position into an operating position.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007
(21) Application No.1848/DELNP/2007 A
(43) Publication Date : 27/04/2007

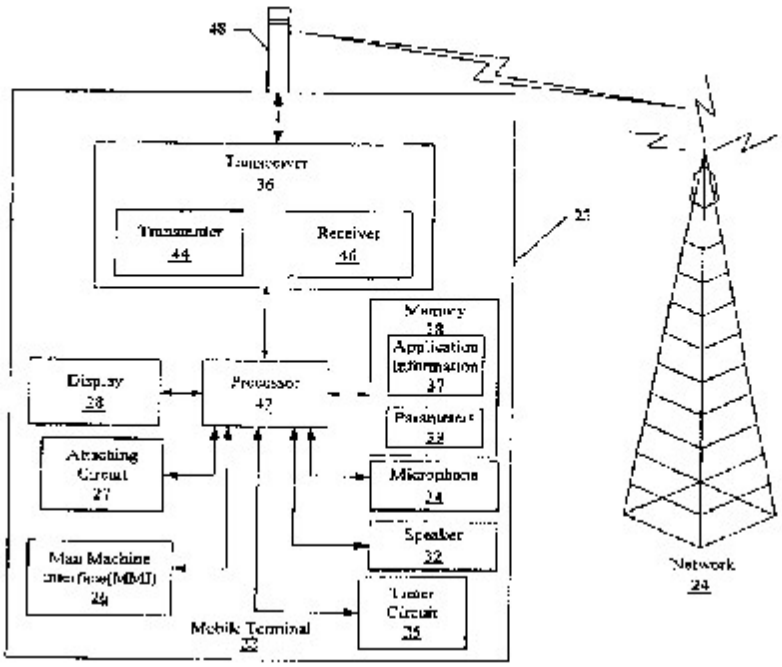
(54) Title of the invention : "PORTABLE ELECTRONIC DEVICES INCLUDING ATTACHING CIRCUITS AND METHODS OF OPERATING THE SAME"

(51) International classification	:H04L 12/28
(31) Priority Document No	:10/977,851
(32) Priority Date	:29/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015039
Filing Date	:29/04/2005
(87) International Publication No	:WO 2006/049647
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GREGORY A. DUNKO

No of Pages : 19
No of Claims : 30

(57) Abstract :
Portable electronic devices including a transmitter configured to request a packet data session are provided. An attaching circuit configured to collect information about the requested packet data session and determine default parameters of the portable electronic device associated with attaching the portable electronic device to the network based on the collected information are also provided. Related methods of operating portable electronic devices are also discussed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007
(21) Application No.1849/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "EMULSIFIABLE GRANULES FORMULATIONS WITH BORON CONTAINING FERTILISERS"

(51) International classification :C05G 3/00
(31) Priority Document No :04021791.1
(32) Priority Date :14/09/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/009411
Filing Date :01/09/2005
(87) International Publication No :WO 2006/029718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHEL HENRIET
3)HANS-PETER KRAUSE

No of Pages : 16
No of Claims : 6

(57) Abstract :
The invention relates to formulations of agrochemical compounds formulated as water emulsifiable granules and combined with boron containing fertilisers in the spray tank, to a process for the production of such formulations and to their use as novel, advantageous formulations of crop protection agents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1850/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR PRODUCING POLYCARBONATE"

(51) International classification :C08G 64/24
(31) Priority Document No :10 2004 045 822.7
(32) Priority Date :22/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/009911
Filing Date :15/09/2005
(87) International Publication No :WO 2006/032401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STEFAN WESTERNACHER
3)WOLFGANG EBERT
4)RAINER NEUMANN

No of Pages : 14
No of Claims : 9

(57) Abstract :
The invention describes a process for the preparation of polycarbonate by the phase interface process, comprising at least the following steps: (a) reaction of an aqueous sodium hydroxide solution of a disodium salt of at least one dihydroxydiarylalkane with phosgene in the presence of at least one organic solvent, a chain terminator and optionally a branching agent (b) condensation of the oligocarbonates, prepared according to step (a), in the presence of at least one catalyst (c) separating off of the organic phase containing polycarbonate obtained according to step (b), a sodium hydroxide solution which contains not more than 30 ppm, preferably not more than 10 ppm sodium chlorate, based on 100 wt.% sodium hydroxide, being employed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1851/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WRAP DEVICE FOR A BED ENSEMBLE"

(51) International classification :A47G 9/00
(31) Priority Document No :2004904908
(32) Priority Date :30/08/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001304
Filing Date :30/08/2005
(87) International Publication No :WO 2006/024079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROSEMARY ANNE KENNETT

No of Pages : 17
No of Claims : 19

(57) Abstract :
A fitted wrap device 10) is provided for covering sides (106 and 108) and ends (110 and 112) of the base unit (102) of an ensemble bed (100)- The device is formed of a panel (12) of fabric wish joined or adjustable joined ends (22 and 24), The panel provides an opening (17) for slipping over a mattress (104) on the bast- unit. A retaining arrangement (30) retains the device about the base unit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1852/DELNP/2007 A
(43) Publication Date : 27/04/2007

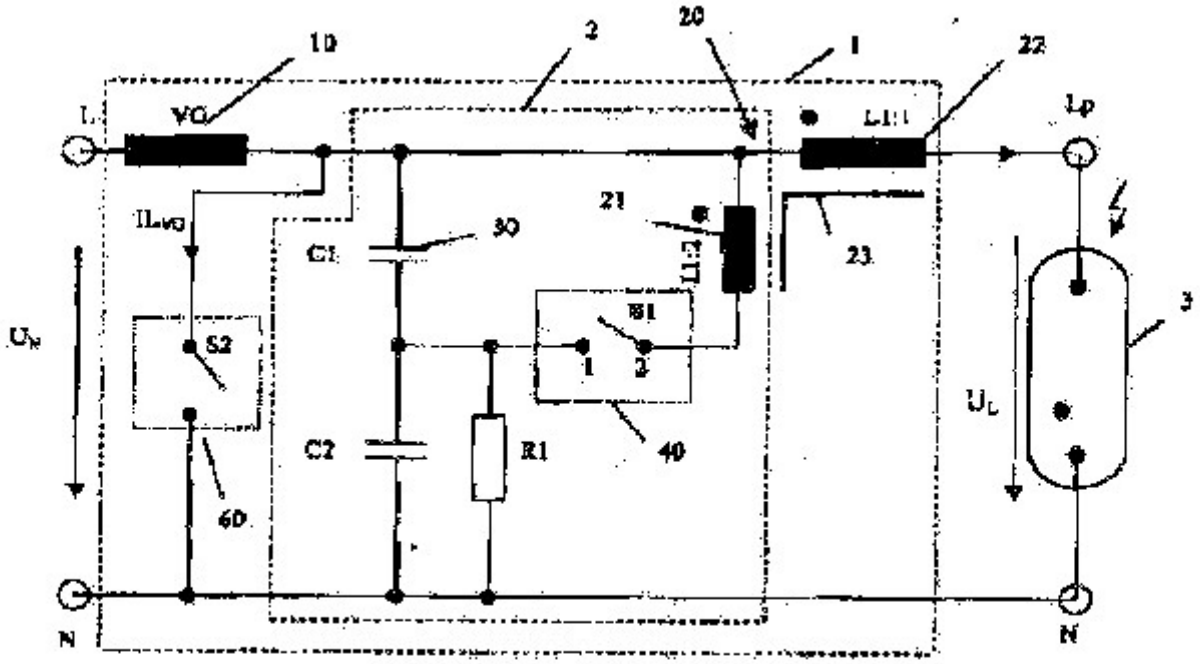
(54) Title of the invention : "IGNITION DEVICE"

(51) International classification	:H05B 41/04
(31) Priority Document No	:10 2004 045 834.0
(32) Priority Date	:22/09/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/001364
Filing Date	:03/08/2005
(87) International Publication No	:WO 2006/032228
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)REINHARD SCHAUERTE
3)TOBIAS SCHULTE

No of Pages : 27
No of Claims : 20

(57) Abstract :
In order to further improve the ignition of gas-discharge lamps, particularly high-pressure gas-discharge lamps, an ignition circuit arrangement is provided for A gas-discharge lamp to which a supply circuit for providing an alternating current supply voltage to the lamp Is assigned. The Inventive Ignition circuit arrangement (1) comprises: an ignition transformer (20) that is connected to a trigger circuit (2) on the primary side and is connected to the lamp (3) on the secondary side for transmitting an Ignition pulse; an input power source (30) for the ignition trigger circuit; a first switch means (40) in the trigger circuit, and; control means that control the first switch means. The inventive ignition circuit arrangement is characterized in that for assisting the ignition process in the supply circuit, an energy accumulator (10) that can be controlled by the control means, particularly a voltage source that can be controlled by the control means is arranged in series with regard to the gas-discharge lamp (3). The controllable energy accumulator serves to provide an additional electrical supply during the ignition process over and above the actual alternating current supply of the lamp. The invention also relates to a method for igniting a gas-discharge lamp.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1853/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MOBILE TERMINALS INCLUDING COMPENSATION FOR HEARING IMPAIRMENT AND METHODS AND COMPUTER PROGRAM PRODUCTS FOR OPERATING THE SAME"

(51) International classification :H04R 25/00
(31) Priority Document No :10/977,713
(32) Priority Date :29/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/014527
Filing Date :27/04/2005
(87) International Publication No :WO 2006/049645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WILLIAM O. CAMP JR.

No of Pages : 23
No of Claims : 38

(57) Abstract :
A mobile terminal includes a processor that is programmed to provide a user of the mobile terminal with a hearing test and to determine a set of coefficients. A microphone is configured to receive audio signals therethrough. A digital filter is programmed with the determined set of coefficients and is configured to process the audio signals and transmit the processed audio signals to an earphone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1854/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR REMOVAL OF IMPURITIES FROM AN OXIDIZER PURGE STREAM

(51) International classification :C07C 51/47
(31) Priority Document No :10/975,256
(32) Priority Date :28/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/036541
Filing Date :12/10/2005
(87) International Publication No :WO 2006/049818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)HOWARD WOOD JENKINS JR.,

No of Pages : 33
No of Claims : 50

(57) Abstract :
A process is disclosed that relates to the removal of impurities and the recovery of a mother liquor and wash filtrate from an oxidizer purge stream produced in the synthesis of carboxylic acid, typically terephthalic. More particularly, the process involves the removal of impurities and the recovery of a mother liquor and wash filtrate from an oxidizer purge stream and then routing the mother liquor and or wash filtrate to an oxidation zone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1855/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SUPPLEMENTAL PARASITIC ANTENNA APPARATUS"

(51) International classification :H01Q 1/22
(31) Priority Document No :10/963,250
(32) Priority Date :12/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013459
Filing Date :19/04/2005
(87) International Publication No :WO 2006/043976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GERARD JAMES HAYES

No of Pages : 21
No of Claims : 27

(57) Abstract :
A supplemental antenna assembly is provided for use with an electronic device having an integral radio antenna, such as a wireless-enabled laptop computer, notebook computer, gaming device, personal digital assistant (PDA), or circuit card (e.g., a PCMCIA card) or other circuit assembly designed be used with such a device. The supplemental antenna assembly includes a parasitic element supported by a frame. The frame is configured to be attached to the housing of the portable device such that an inductive coupling is provided between the parasitic element and the integral radio antenna. The parasitic element may include, for example, an antenna and/or a coupling element, e.g., a coupling element configured to be connected to an external antenna.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2004

(21) Application No.1856/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A RODENT REPELLENT AND ANTIFUNGAL COMPOSITION"

(51) International classification	:A61K 31/45
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)MOHAMMAD QAMAR PARWEZ
2)MEENU SETHI
3)MEENU TALWAR
4)MOZAFFAR ALAM KHAN

No of Pages : 6
No of Claims : 2

(57) Abstract :
A rodent repellent and antifungal comprising 1-10 phr stabilizer, 40-80 phr plastisizer, 0.5-6 phr additive, 0.25-10 phr rodent repellent, 0.25-5 phr anti-fungal agent and 100 parts resin preferably polyvinyl chloride (PVC) mixed together and in the form of a free flow powder wherein :-stabilizer a mixture of tribasic lead stearate (2-5 phr), di basic lead sulphate (0.2-3 phr), lead sulphate (0.1-1) and glycidyl mono stearate (0-1 phr); plastisizer used is a mixture of chlorinated paraffin wax (0-40 phr), dioctyl phthalate (40-80 phr) and dibutyl phthalate (0-20 phr); additive used is a mixture of Titanium dioxide (0.2-3 phr), calcium stearate (0.1-5 phr), stearic acid (0.1-2 phr), carbon balck (0.008-0.1 phr) and Micro crystalline wax (0.1-0.5 phr); Rodent repellent used is a mixture of cycloheximide (0.25-2.0 phr), tetramethyl thiunram disulphide (2-5 phr), methyl anthranilate (0-5 phr) and Zinc dimethyl dithiocarbamate (0-6 phr); Anti-fungal agent is selected from chlorhexidine, bis-ganazines, Triethyle organotic or 10, l0'-oxy bisphenoxar sine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007
(21) Application No.1856/DELNP/2007 A
(43) Publication Date : 27/04/2007

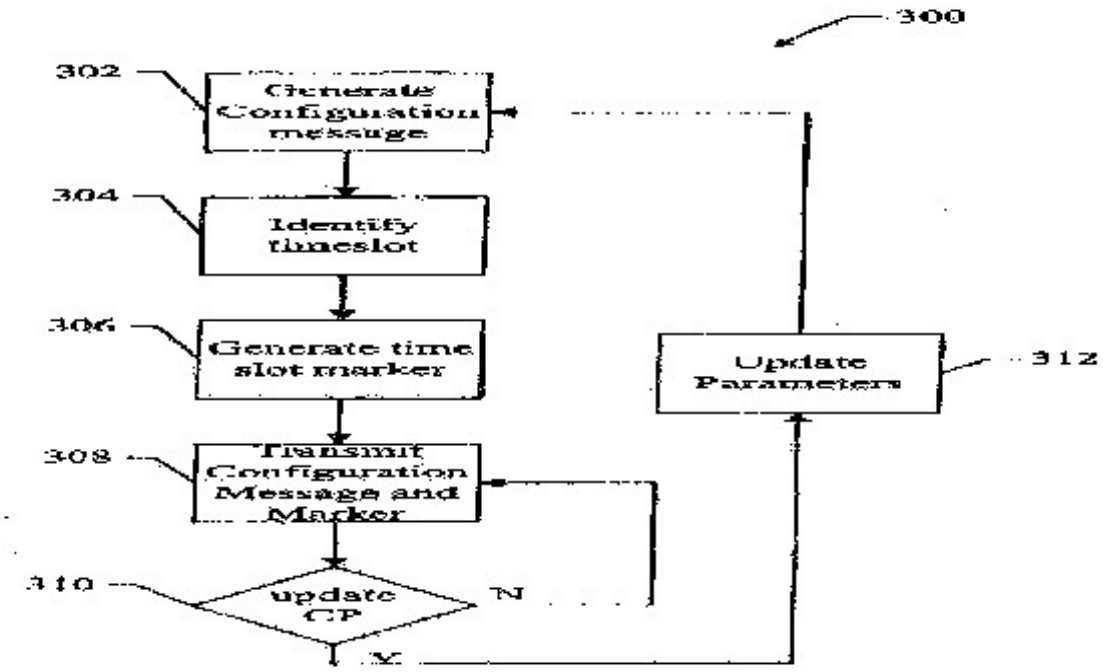
(54) Title of the invention : "METHODS AND APPARATUS FOR TRANSMISSION OF CONFIGURATION INFORMATION IN A WIRELESS COMMUNICATION NETWORK"

(51) International classification :H04Q 7/38
(31) Priority Document No :10/932,456
(32) Priority Date :01/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031553
Filing Date :01/09/2005
(87) International Publication No :WO 2006/026776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BIN TIAN
2)JUDD ERLENBACH

No of Pages : 24
No of Claims : 29

(57) Abstract :
Methods and apparatus for transmission of configuration information in a wireless communication network. A method is provided for transmitting a configuration message to a plurality of terminals in a wireless network. The method includes assigning a slot in a transmission to contain the configuration message, and transmitting a marker to identify the slot in the transmission to the plurality of terminals. The method also includes transmitting the configuration message in the slot of the transmission using a high data rate so that air-link resources are conserved.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007
(21) Application No.1857/DELNP/2007 A
(43) Publication Date : 27/04/2007

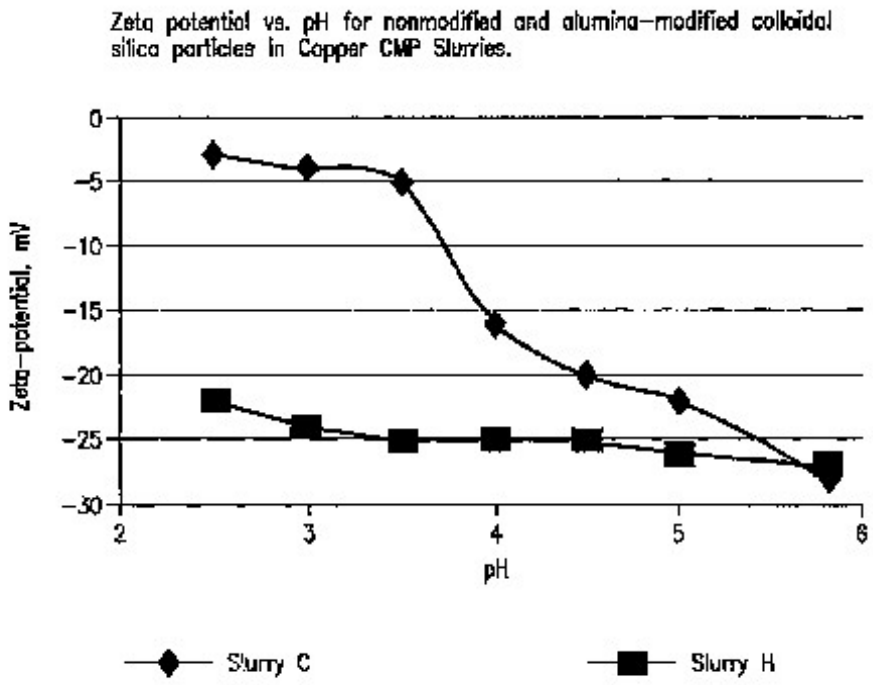
(54) Title of the invention : "AQUEOUS SLURRY CONTAINING METALLATE-MODIFIED SILICA PARTICLES"

(51) International classification :B24C 11/00
(31) Priority Document No :10/953,420
(32) Priority Date :08/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030560
Filing Date :30/08/2005
(87) International Publication No :WO 2006/028759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IRINA BELOV

No of Pages : 32
No of Claims : 10

(57) Abstract :
Provided is a novel aqueous slurry composition for polishing/planarization of a substrate. The composition includes silicon dioxide abrasive particles wherein the abrasive particles are anionically modified/doped with metallate anions selected from the group consisting of aluminate, stannate, zincate and plumbate, thereby providing a high negative surface charge to the abrasive particles and enhances the stability of the slurry composition.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

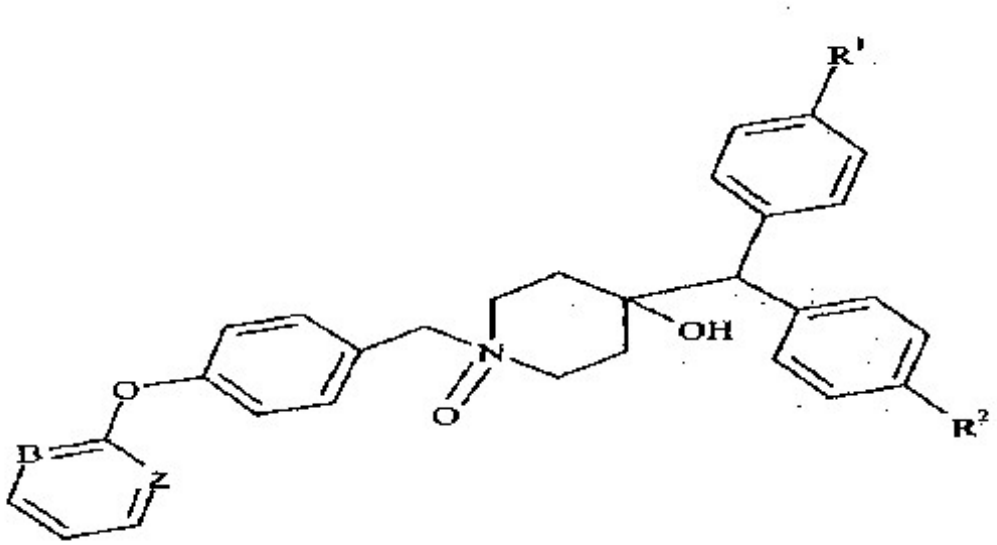
(21) Application No.1858/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PREPARING N-(SUBSTITUTED) ARYLMETHYL)-4 SUBSTITUTED-4-(DISUBSTITUTED METHYL)PIPERIDINES AND INTERMEDIATES"

(51) International classification	:C07D 401/10	(71)**Name of Applicant :**
(31) Priority Document No	:60/609,533	**1)FMC CORPORATION**
(32) Priority Date	:13/09/2004	Address of Applicant :1735 MARKET STREET, PHILADELPHIA, PA 19103, USA U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/032279	(72)**Name of Inventor :**
Filing Date	:12/09/2005	**1)JAIDEV GOUDAR**
(87) International Publication No	:WO 2006/031674	**2)DAVID S.ROSEN**
(61) Patent of Addition to Application Number	:NA	**3)WALTER H.YEAGER**
Filing Date	:NA	**4)GUOZHI WANG**
(62) Divisional to Application Number	:NA	**5)QUN ZHANG**
Filing Date	:NA	**6)RUSSELL PATERA**

No of Pages : 34 No of Claims : 29

(57) Abstract :
An improved process is described for preparing a N-(substituted arylmethyl)-4-substi luted-4-(disubstitu ted formula and R are methyl)piperidinei of (I): wherein R independently selected from the group consisting of halogen, CF3, OCF3, OCHF2, OCF2CHF2 and SF5; and Z and B are independently selected from the group consisting of CH and N; as well as processes for preparing intermediates useful in the overall process.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1859/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DUAL-DIAPHRAGM SPEAKER ASSEMBLIES WITH ACOUSTIC PASSAGEWAYS AND MOBILE TERMINALS INCLUDING THE SAME"

(51) International classification	:H04R 1/22
(31) Priority Document No	:10/977,705
(32) Priority Date	:29/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014661
Filing Date	:29/04/2005
(87) International Publication No	:WO 2006/049646
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)MATTHEW JUSTIN MURRAY
2)KIRSTEN FINLEY
3)WILLIAM CHRIS EATON

No of Pages : 27
No of Claims : 34

(57) Abstract :
A mobile; terminal includes a portable terminal housing and a speaker housing positioned in the portable terminal housing. The speaker housing includes a first micro-speaker having a first frequency response and a second micro-speaker having a second frequency response and positioned proximate the first micro-speaker. The terminal housing further includes a first passageway extending from a front face of the first micro-speaker to a first opening in the terminal housing, and a second passageway extending from a back face of the second micro-speaker to a second opening in the terminal housing displaced from the first opening. A grommet adjacent the speaker housing acoustically separates at least a portion of the first passageway from the second passageway. The first passageway may be completely acoustically separated from the second passageway by the grommet and/or a gasket and/or a foam structure. The grommet may define a first outlet extending from a front face of the first micro-speaker to a first location on an external surface of the grommet and a second outlet extending from a back face of the second micro-speaker to a second location on the external surface of the grommet that is displaced from the first location, so that the grommet may acoustically separate the second outlet from the first outlet, although complete acoustic isolation may not be possible.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1860/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH-SOLID ANTICORROSIVE COATING COMPOSITION, HIGH-SOLID RAPIDLY-CURABLE ANTICORROSIVE COATING COMPOSITION, METHOD OF COATING SHIP OR THE LIKE, HIGH-SOLID ANTICORROSIVE FILM AND RAPIDLY CURED HIGH-SOLID ANTICORROSIVE FILM OBTAINED, AND COATED SHIP AND UNDERWATER STRUCTURED COATED WITH THESE COATING FILMS"

(51) International classification :C09D 163/00
(31) Priority Document No :2004-233390
(32) Priority Date :10/08/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/014693
Filing Date :10/08/2005
(87) International Publication No :WO 2006/016625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 192
No of Claims : 60

(57) Abstract :
A high-solids anticorrosive coating composition which comprises a main ingredient (A) comprising an epoxy resin (al) and a hardener ingredient (B) comprising an alicyclic amine hardener (bl) and/or a Mannich type hardener (b2), the ingredient (A) and/or the ingredient (B) containing at least either of an additive (a2) selected among epoxidized reactive diluents and modified epoxy resins and a coating film modifier (ab) selected among petroleum resins, xylene resins, coumarone resins, terpene phenol resins and vinyl chloride copolymers. The high-solids anticorrosive coating composition especially of the rapidly curable type is characterized by containing a high-boiling organic solvent having a boiling point exceeding 150°C and containing substantially no organic solvent having a boiling opint of 150°C or lower.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1861/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "UNSUBSTITUTED AND SUBSTITUTED 4-BENZYL-1, 3-DIHYDRO-IMIDAZOLE-2-THIONES ACTING AS SPECIFIC OR SELECTIVE ALPHA2 ADRENERGIC AGONISTS AND METHODS FOR USING THE SAME"

(51) International classification :C07D 233/84
(31) Priority Document No :60/613,870
(32) Priority Date :28/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032221
Filing Date :07/09/2005
(87) International Publication No :WO 2006/036512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)DANIEL W. GIL
5)JOHN E. DONELLO
6)MICHAEL E.GARST
7)LARRY A.WHEELER
8)JOHN R. CAPPIELLO

No of Pages : 24
No of Claims : 22

(57) Abstract :
Compounds of general formula (I) and salts and solvates of the same. In said formula, R1, R2, R3, R4 and R5 are each hydro- gen halogeno optionally substituted alkyl, oroptionally substituted phenyl, provided that all of R', R2, R', R4 and R5 do not represent hy- drogen; R6 is optionally substituted phenyl oran optionally substituted five- or six-membered saturated or unsaturatcd hcterocyclic group; and R is hydrogen, optionally substituted alkyl, optionally substituted alkoxycarbonyl, optionally substituted alkanoyl, or -CO-NR"R12 (wherein R" and R12 are each optionally substituted alkyl or optionally substituted alkoxy).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1862/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BARRIER LAYER FOR ELASTOMERIC ARTICLES"

(51) International classification :C08K 5/01
(31) Priority Document No :PCT/US2004/035353
(32) Priority Date :22/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/038351
Filing Date :24/10/2005
(87) International Publication No :WO 2006/047509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SOCIETE DE TECHNOLOGIE MICHELIN
(72)**Name of Inventor :**
1)BRIAN R. BERGMAN

No of Pages : 27
No of Claims : 57

(57) Abstract :
A composition well suited to forming gas barrier layers in elastomeric articles is described. The barrier layer may be incorporated into, for instance, inflatable articles that are intended to contain a gas, such as air, under pressure. For example, in one embodiment, the barrier layer may be incorporated into a tire for preventing oxygen or other gaseous components from migrating through the tire. In general, the barrier layer is made from an elastomer that is combined with permeability reducing particles, such as a silicate, and a lerpene hydrocarbon resin having a relatively high glass transition temperature. The terpene hydrocarbon resin can improve the processabilily of the composition and, in one embodiment, can even serve to improve the permeability characteristics of the barrier layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1863/DELNP/2007 A
(43) Publication Date : 27/04/2007

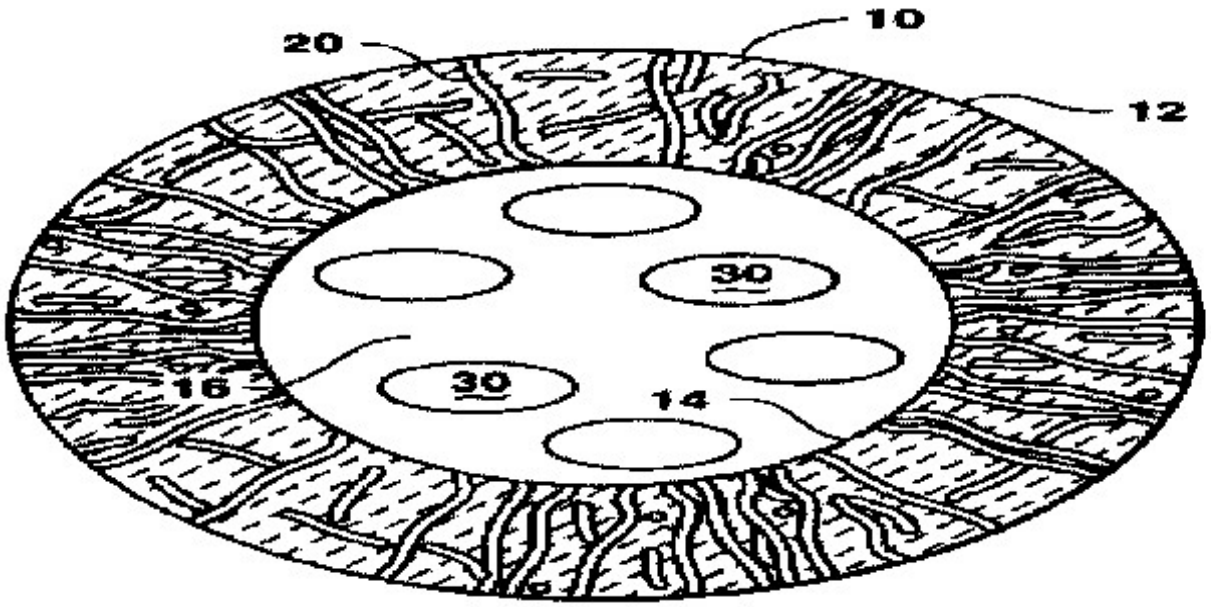
(54) Title of the invention : HOLLOW GLASS MICROSPHERES FOR HYDROGEN STORAGE

(51) International classification :C01B 3/00
(31) Priority Document No :10/946,464
(32) Priority Date :21/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/033677
Filing Date :21/09/2005
(87) International Publication No :WO 2007/011381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WICKS, GEORGE G.
3)HEUNG, LEUNG K.

No of Pages : 18
No of Claims : 9

(57) Abstract :
A hollow glass microsphere is provided having a diameter range of between 1 to 140 microns, a density of between 0.05 to 0.50 gm/cc, a porouswall structure having wall openings defining an average pore size of between 10 to 1000 angstroms, and which contains therein a hydrogen storage material. The porous-wall structure facilitates the introduction of a hydrogen storage material into the interior of the hollow glass microsphere. Thereafter, a barrier coating may be applied and/or the microspheres are processed to alter or reduce the effective pore size. In this manner, the hollow glass microsphere can provide a membrane for the selective transport of hydrogen through the porous walls of the O microsphere, the small pore size preventing gaseous or liquid contaminants from entering the interior of the hollow glass microsphere.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007
(21) Application No.1864/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYSTAL STRUCTURE OF UMP KINASE AND USES THEREOF"

(51) International classification :C12N 9/12
(31) Priority Document No :60/601,765
(32) Priority Date :16/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2005/003187
Filing Date :15/08/2005
(87) International Publication No :WO 2006/018618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DOIG, PETER
3)EYERMANN, CHARLES,J.
4)PAUPTIT, RICHARD
5)TUCKER,JULIE

No of Pages : 324
No of Claims : 24

(57) Abstract :
The present invention relates crystals of UMP kinase and computer-assisted methods for screening, identifying, and designing inhibitors and allosteric modulators of UMP kinase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1866/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL FORMULATION FOR L-TRYPTOPHANE COMPRISING CARBIDOPA/BENSERAZIDE"

(51) International classification :A61K 31/405
(31) Priority Document No :10 2004 039 196.3
(32) Priority Date :12/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2005/001428
Filing Date :12/08/2005
(87) International Publication No :WO 2006/015590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAMPRAD, JOACHIM, DR.

No of Pages : 11
No of Claims : 6

(57) Abstract :
The present invention relates to the use of L-tryptophan and a peripheral degradation inhibitor of L-tryptophan for the manufacture of a medicament for prevention or therapy of pain, depressions, sleeping disorders and other serotonin dependent diseases of the CNS, wherein L-tryptophan is present in a retarded and the peripheral degradation inhibitor is present in a non-retarded formulation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1883/DELNP/2007 A
(43) Publication Date : 27/04/2007

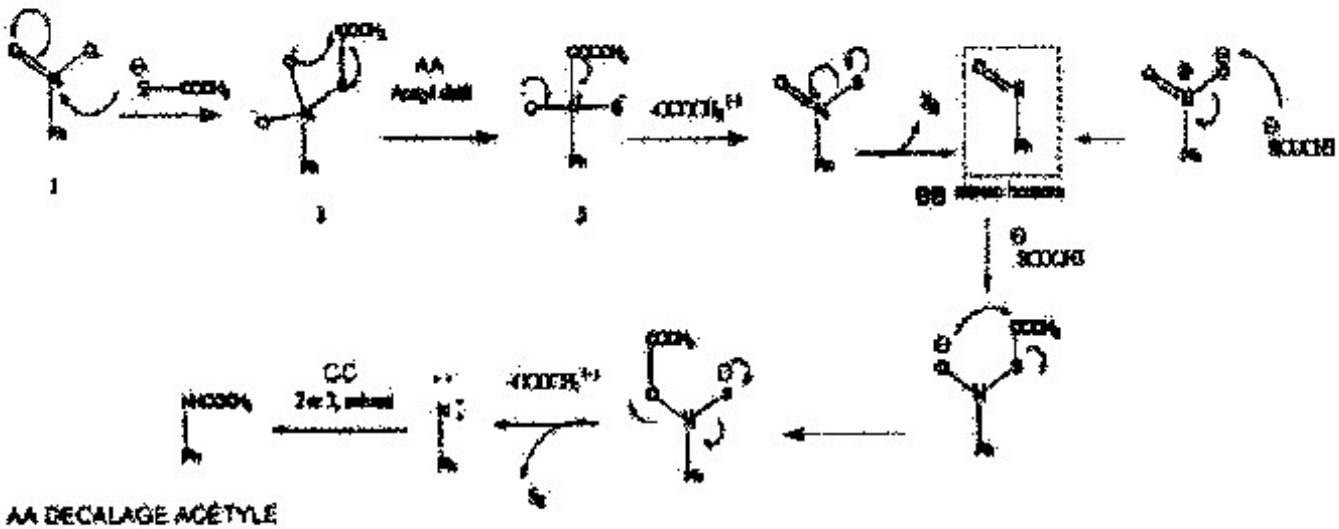
(54) Title of the invention : ONE-POT REDUCTIVE ACETAMIDATION OF ARYL NITRO COMPOUNDS

(51) International classification	:C07C 233/05
(31) Priority Document No	:60/603,317
(32) Priority Date	:19/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/029611
Filing Date	:18/08/2005
(87) International Publication No	:WO 2006/023763
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BHATTACHARYA, APURBA
2)SUAREZ, VICTOR

No of Pages : 21
No of Claims : 20

(57) Abstract :
The present invention provides a method for the reductive acetamidation of an aryl nitro compound by reacting a substituted acid with an aryl nitro compound and adding a catalytic amount of a base with the substituted acid and the aryl nitro compound to form an acetamidation aryl nitro compound. The acetamidation aryl nitro compound is then purified



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2007

(21) Application No.1884/DELNP/2007 A
(43) Publication Date : 27/04/2007

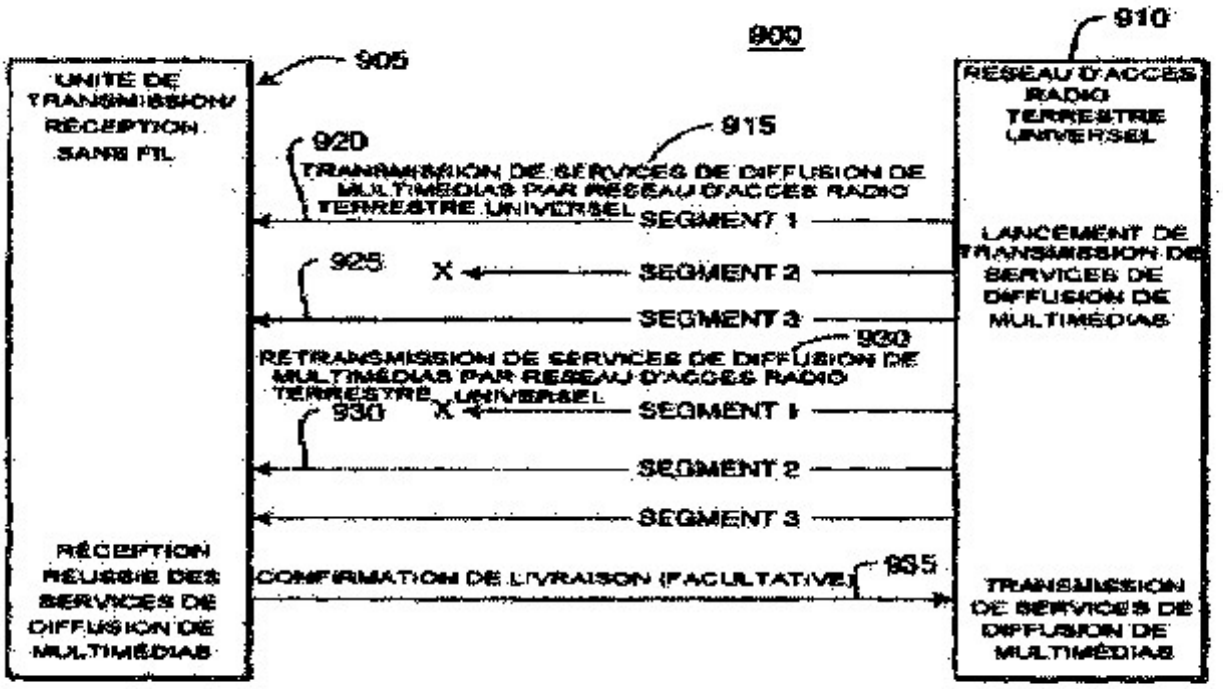
(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING THE DISTRIBUTION OF MULTIMEDIA BROADCAST SERVICES

(51) International classification :H04B 7/212
(31) Priority Document No :60/438,569
(32) Priority Date :06/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/041035
Filing Date :23/12/2003
(87) International Publication No :WO 2004/064270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2685/DELNP/2005
Filed on :17/06/2005

(71)**Name of Applicant :**
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No of Pages : 32
No of Claims : 3

(57) Abstract :
A wireless multi-cell communication system and method of controlling the distribution of multimedia broadcast services (MBMS). The system includes at least one network, e.g., a Universal Terrestrial Radio Access Network (UTRAN), which distributes the MBMS to one or more wireless receive/transmit units (WTRUs). In one embodiment, the MBMS are activated and deactivated based on whether periodic cell updates are provided for a particular cell. In another embodiment, MBMS transmission is terminated when receipt of the MBMS are confirmed. In yet another embodiment, the MBMS are segmented to reduce the resources used by the network and/or the WTRUs during MBMS distribution.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1886/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMBINATION THERAPIES EMPLOYING VITAMIN B6 RELATED COMPOUND AND ACE INHIBITORS AND USES THEREOF FOR THE TREATMENT OF DIABETIC DISORDERS"

(51) International classification :A61K 31/675
(31) Priority Document No :60/599,866
(32) Priority Date :10/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/001238
Filing Date :10/08/2005
(87) International Publication No :WO 2006/015489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZETTLER, MARJORIE

No of Pages : 29
No of Claims : 27

(57) Abstract :
The present invention provides the use of an angiotensin-converting enzyme (ACE) inhibitor (e.g. benazepril, captopril, enalapril, enalaprilat, fosinopril, lisinopril, moexipril, perindopril, quinapril, ramipril, and/or trandolapril) in combination with a vitamin B6 related compound (e.g.pyridoxal, pyridoxal-5'phosphate, pyridoxamine, a 3-acylated analogue of pyridoxal, a 3-acylated analogue of pyridoxal-4,5-aminal, and/or a pyridoxine phosphate analogue) for the treatment of diabetes and diabetic related disorders including hypertension, nephropathy, insulin sensitivity, insulinemia, hyperglycemia, hyperlipidemia, LDL and HDL levels, HbAlc levels, endothelial function, vascular function, peripheral vascular disease, atherothrombosis, atherosclerosis, nephropathy, and retinopathy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007
(21) Application No.1888/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TRANSMITTER, METHOD FOR GENERATING A PLURALITY OF LONG PREAMBLES AND COMMUNICATION DEVICE"

(51) International classification :H04J 11/00
(31) Priority Document No :60/601,332
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2005/000275
Filing Date :13/08/2005
(87) International Publication No :WO 2006/016858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HO,CHIN,KEONG
4)LIANG, YING CHANG
5)WU,YAN
6)LEI, ZHONGDING

No of Pages : 33
No of Claims : 11

(57) Abstract :
A transmitter is described which has determination unit for determining a plurality of symbols (301) such that each symbol (301) comprises a tail component (302) and the plurality is determined in such a way that the tail components (302) are substantially equal and a tone generation unit for arranging the plurality of symbols (301) to form a plurality of long preambles (300) such that the plurality of long preambles (300) are tone-interleaved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1890/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR DETERMINING A RESIDUAL FREQUENCY OFFSET, COMMUNICATION SYSTEM, METHOD FOR TRANSMITTING A MESSAGE, TRANSMITTER, METHOD FOR PROCESSING A MESSAGE AND RECEIVER"

(51) International classification :H04L 7/04
(31) Priority Document No :60/601,332
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2005/000274
Filing Date :13/08/2005
(87) International Publication No :WO 2006/016857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)WU,YAN
6)LEI, ZHONGDING

No of Pages : 37
No of Claims : 14

(57) Abstract :
A method of determining a residual frequency offset between a transmitter and a receiver in a transmission of data via a communication channel, is described, wherein the message is transmitted from the transmitter to the receiver via the communication channel and the message comprises at least one short preamble (201), at least one long preamble (202) and user data (302). The at least one long preamble (202) comprises residual frequency offset determination information based on which the residual frequency offset is determined.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1891/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR DETERMINING A FREQUENCY OFFSET"

(51) International classification :H04L 1/00
(31) Priority Document No :60/601,331
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2005/000273
Filing Date :13/08/2005
(87) International Publication No :WO 2006/016856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HO,CHIN,KEONG

No of Pages : 29
No of Claims : 6

(57) Abstract :
A method for determining a frequency offset from a plurality of signal values is described wherein first correlation coefficients are determined from the signal values and second correlation coefficients are determined from the first correlation coefficients. The second correlation coefficients are linearly combined and the frequency offset is determined as the phase of the linear combination.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1893/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A CONTAINER'

(51) International classification :A47K 13/24
(31) Priority Document No :0423515.6
(32) Priority Date :22/10/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003996
Filing Date :18/10/2005
(87) International Publication No :WO 2006/043042
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GARCIN CHRISTOPHER BRYSON

No of Pages : 22
No of Claims : 9

(57) Abstract :
A container comprising a body (I), a lid (5) for the body (I), and a locking arrangement for securing the lid (5) to the body (I): the locking arrangement comprising a handle (23) which fits around at least a part of the periphery of the lid (5), and at least one locking device which connects the handle (23) to the lid (5) such that the lid (5) is movable by the handle (23), which is such that the locking device locks when the handle (23) is lowered with respect to the lid (5), and which is such that the lifting of the handle (23) away from the lid (5) causes the locking device (4) to unlock.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1894/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR FILTERING ELECTRONIC MESSAGES"

(51) International classification	:H04L 29/02
(31) Priority Document No	:60/609,434
(32) Priority Date	:14/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2005/001368
Filing Date	:07/09/2005
(87) International Publication No	:WO 2006/029503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 26
No of Claims : 85

(57) Abstract :
A method for filtering an incoming electronic message sent by a sender and addressed to a user. The method includes providing a first temporary identifier, receiving the incoming electronic message from the sender, processing the incoming electronic message to detect the presence of the first temporary identifier therein, and upon detection of the first temporary identifier, allowing a delivery of the incoming electronic message to the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1895/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR REMEDIATION OF CONTAMINATION"

(51) International classification :C02F 3/32
(31) Priority Document No :10/918,257
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027732
Filing Date :05/08/2005
(87) International Publication No :WO 2006/020485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 50
No of Claims : 12

(57) Abstract :
An apparatus, system and method for removing and treating contaminated materials on a bottom of a body of water and introducing growth packets to revitalize the treated bottom of the body of water. The structure may comprise a vessel with an open face. The vessel may be lowered down to the bottom of the body of water with the face facing down. As a result, the vessel and the bottom form an isolated space. The structure may comprise at least one agitating device(s) for stirring up the materials inside the vessel so as to form a mixture containing the sediment materials which in turn contain the contaminants. Multiple at least one pipe(s) may be coupled to the vessel for transporting the mixture out of the vessel for processing (filtering, treating with chemicals, etc.) so as to neutralize or eliminate the contaminants in the mixture. Then, the treated mixture can be returned to the inside of the vessel via the at least one pipe(s).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1896/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS WITH MULTI-TUBE ROTARY EVAPORATOR HAVING MOVABLE BALLS

(51) International classification	:B01D 1/00
(31) Priority Document No	:20-2004-0024030
(32) Priority Date	:23/08/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/002771
Filing Date	:23/08/2005
(87) International Publication No	:WO 2006/022507
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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No of Pages : 11
No of Claims : 5

(57) Abstract :
An evaporating apparatus having a multi-tube evaporator is disclosed, A disclosed evaporating apparatus comprises an outer body; a steam recompression device for recompressing steam emerged from the outer body; a rotary evaporator comprising a plurality of evaporating tubes, a mesh net structure enclosing a virtual outer surface of the rotary evaporator, and a plurality of cleaning balls within the mesh net structure, wherein the rotary evaporator is disposed in the outer body; a rotary heat exchanger for heating materials using heat of condensate water discharged from the rotary evaporator; a material circulation pump for recycling concentrated residue collected in the bottom of the outer body; an ejecting pipe for ejecting the materials heated by the rotary heat exchanger and the concentrated residue recycled by the material circulation pump onto a surface of the rotary evaporator; and a heater for supplementing heat energy of the steam.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1897/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CONCRETE EXPANSION JOINT FORMING DEVICE"

(51) International classification :E04B 1/68
(31) Priority Document No :2004904549
(32) Priority Date :13/08/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001218
Filing Date :12/08/2005
(87) International Publication No :WO 2006/015451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 12

(57) Abstract :
In one aspect of the present invention there is provided an expansion joint strip support module 12 comprising an expansion joint strip locating portion 24 adapted to locate an expansion joint strip 20 and one or more support means 26 and 28 integral with and arranged to support the expansion joint strip locating portion. In a further aspect of the present invention there is provided an expansion joint crack forming device comprising: an elongate base strip 14 being adapted to extend along a proposed expansion joint; and a crack forming projection 84 connected to the base strip 14 and designed to form a cavity in a concrete slab which is to be formed on top of the base strip 14, the crack forming projection 84 being positioned to promote cracking of the concrete slab along the proposed expansion joint.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1904/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF CONTROLLING A REVERSIBLE ELECTRIC MACHINE"

(51) International classification :F02N 11/08
(31) Priority Document No :0410092
(32) Priority Date :23/09/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/002356
Filing Date :22/09/2005
(87) International Publication No :WO 2006/032796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 14

(57) Abstract :
The invention relates to a method of preparing a reversible electric machine with a phase for starting a heat engine of a vehicle that is equipped with an automatic start/stop system, whereby said machine comprises a rotor which is connected to the heat engine. According to the invention, the method comprises the following steps consisting in detecting an action prior to a heat engine start command and applying a magnetising electric current to the rotor of the machine upon detection of said action. The invention is suitable for motor vehicles which are equipped with an automatic start/stop system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007
(21) Application No.1916/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TELEMETRY USING 'ALWAYS-ON' COMMUNICATION CONNECTTION SYSTEM AND METHOD

(51) International classification :H04M 11/00
(31) Priority Document No :10/939,714
(32) Priority Date :13/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/016619
Filing Date :12/05/2005
(87) International Publication No :WO 2006/031262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MR. GORDON SMYTHE

No of Pages : 40
No of Claims : 17

(57) Abstract :
A telemetry system includes at least one telemetry communication device for handling security event information available to the telemetry communication device. The system also includes a central host device, and an "always on" network, such as the Internet, communicatively connected to the telemetry communication device and the central host device, for communications between the telemetry communication device and the central host device. Encryption key information is exchanged between the central host device and the telemetry communication device, via a secure path, such as a cellular telephone call between the devices wherein identity and authentication can be ensured by Calling Line Identity information, or other secure exchange. Telemetry information is communicated by the telemetry communication device and the central host device over the "always on" network, in encrypted format according to the particular encryption keys exchanged. The central host device also communicates the telemetry information to a monitor service, over the "always on" network and in encrypted format after secure exchange of encryption keys between the central host device and the monitor service. The system can also include a back-up path for communications of telemetry information in the event that the "always on" network is unavailable for the communications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007
(21) Application No.1919/DELNP/2007 A
(43) Publication Date : 27/04/2007

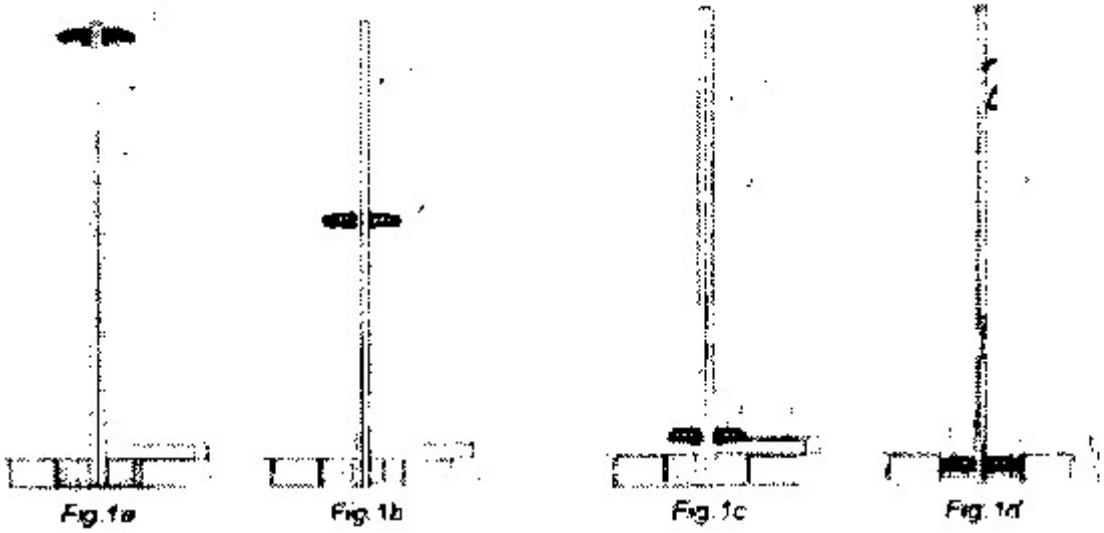
(54) Title of the invention : OBSERVATION TOWER

(51) International classification :E04H 12/00
(31) Priority Document No :0418879.3
(32) Priority Date :24/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002243
Filing Date :08/06/2005
(87) International Publication No :WO 2006/021735
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 16

(57) Abstract :
The present invention relates to an observation tower, in particular an observation tower having a moveable observation enclosure. An embodiment of the observation tower comprises an upright support member (2), and an observation enclosure (3) that can move up and down the support member, wherein the observation enclosure has an annular profile, and in particular a toroid exterior profile.


Fig. 1a Fig. 1b Fig. 1c Fig. 1d

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1921/DELNP/2007 A
(43) Publication Date : 27/04/2007

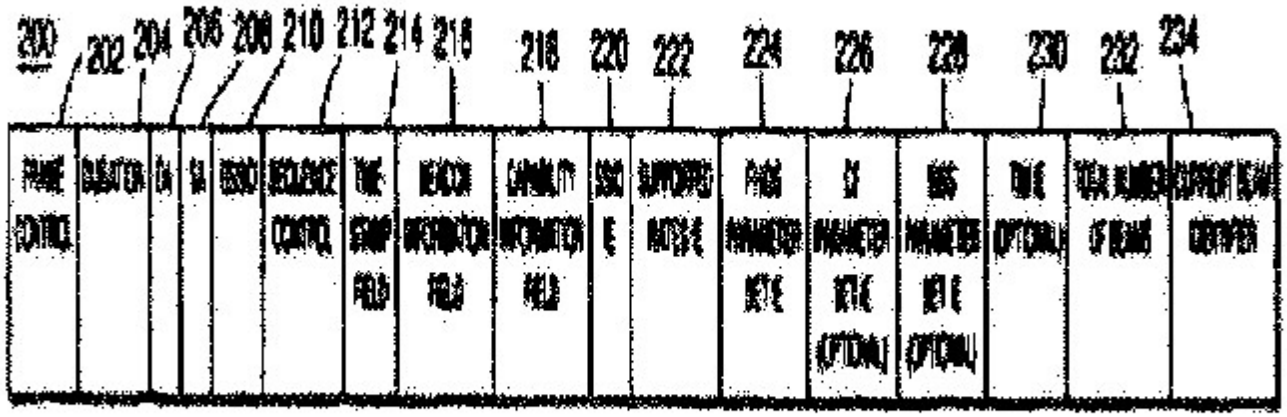
(54) Title of the invention : IMPLEMENTING A SMART ANTENNA IN A WIRELESS LOCAL AREA NETWORK

(51) International classification :H04B 17/00
(31) Priority Document No :60/608,776
(32) Priority Date :10/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031641
Filing Date :07/09/2005
(87) International Publication No :WO 2006/031495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 56
No of Claims : 56

(57) Abstract :
A method for implementing a smart antenna in establishing association between a station (STA) and an access point (AP) in a wireless local area network begins by transmitting a beacon frame by the AP on one antenna beam. The beacon frame is received at the STA, which measures the signal quality of the beacon frame. The AP switches to a different antenna beam and repeats the method until the beacon frame has been transmitted on all antenna beams. The STA associates to the AP that transmits the beacon frame with the highest signal quality on one of its antenna beams. A similar method may be used in which the STA sends a probe request frame to the AP, which then responds with probe response frames sent on multiple antenna beams.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007
(21) Application No.1923/DELNP/2007 A
(43) Publication Date : 27/04/2007

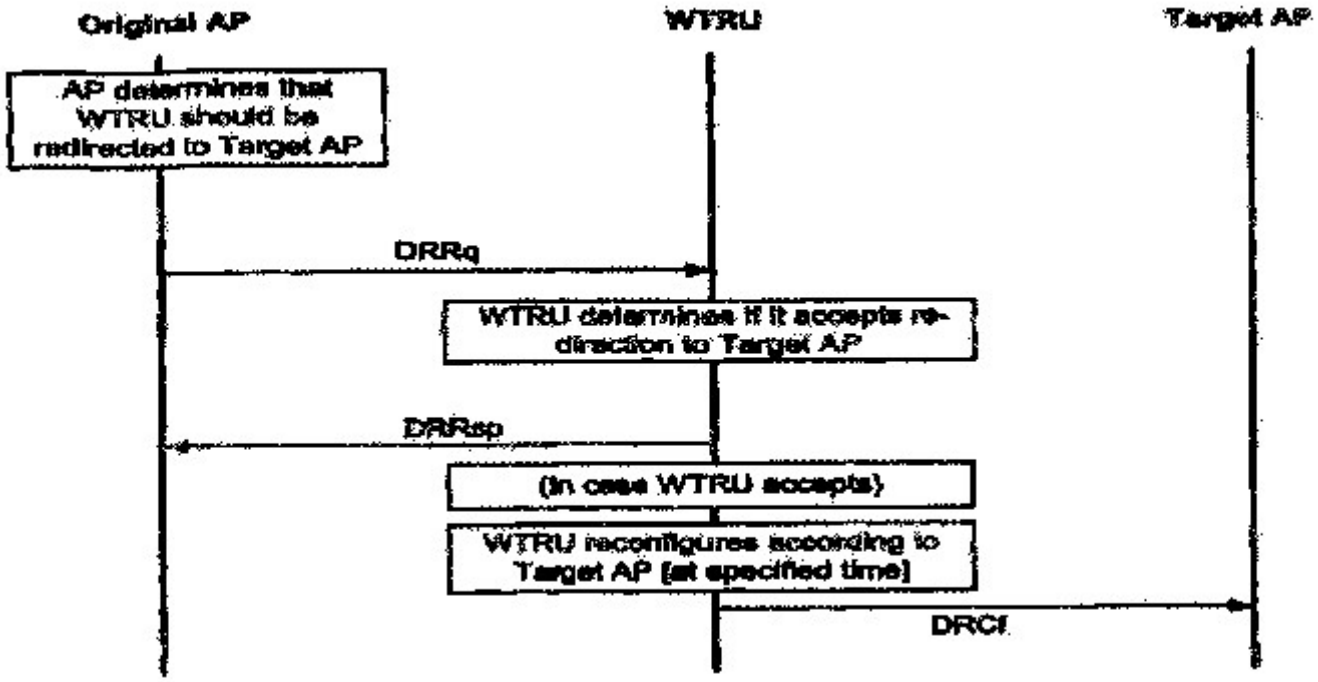
(54) Title of the invention : WIRELESS COMMUNICATION METHODS AND COMPONENTS THAT IMPLEMENT HANDOFF IN WIRELESS LOCAL AREA NETWORKS

(51) International classification :H04Q 7/00
(31) Priority Document No :60/608,768
(32) Priority Date :10/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/031975
Filing Date :08/09/2005
(87) International Publication No :WO 2006/031588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 45
No of Claims : 37

(57) Abstract :
This invention relates to wireless local area networks, and particularly to the IEEE 802.11 family of standards. It consists of a method and apparatus that can be implemented in access points (APs) and subscriber wireless transmit/receive units (WTRUs), in order to allow an AP to initiate re-association of a WTRU to itself or a different AP. The invention improves the robustness of the network by enabling more efficient load balancing, congestion control, and roaming, without compromising the user experience.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2007

(21) Application No.1931/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ALKALINE ELECTROCHEMICAL CELL"

(51) International classification :H01M 4/24
(31) Priority Document No :10/954,389
(32) Priority Date :30/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/035069
Filing Date :29/09/2005
(87) International Publication No :WO 2006/039425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 31

(57) Abstract :
An alkaline electrochemical cell capable of providing optimum discharge efficiencies at both a high tech drain rate and a low drain rate is disclosed. In one embodiment, the ratio of the anode's electrochemical capacity to the cathode's electrochemical capacity is between 1. 33: 1 and 1. 40: 1 and the surface area of the anode to cathode interface is maximized.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.1957/DEL/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COLOR CATHODE-RAY TUBE

(51) International classification :H01J29/94
(31) Priority Document No :JP2005-299080
(32) Priority Date :13/10/2005
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 45
No of Claims : 15

(57) Abstract :
A shadow mask includes a perforated region in which a plurality of electron beam passage apertures are formed, a non-perforated region on the periphery of the perforated region, and a skirt portion bent to an electron gun side with respect to the non-perforated region. The curved surgaces on an x-axis and a y-axis of the perforated region are convex to a panel side. The perforated region includes a curved surface that is convex to the panel side and a curved surface that is convex to the electron gun side on a periphery of the perforated region. Furthermore, the perforated region has a curved surface that is convex to the panel side and a curved surface that is convex to the electron gun side in a region surrounded by the periphery, the x-axis adn the y-axis. Because of this, the color displacement caused by doming can be reduced while a shadow mask is used which is made of an inexpensive iron material and in which the increase in the dirrerence in elevation in the z-axis direction between a center portion and a diagonal of theperforated region is suppressed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2005
(21) Application No.1973/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FABRICS HAVING A TOPICALLY APPLIED SILVER-BASED FINISH WITH A CROSS-LINKED BINDER SYSTEM FOR IMPROVED WASH DURABILITY

(51) International classification :B32B5/02
(31) Priority Document No :10/306, 968
(32) Priority Date :29/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 2004/050962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JASON L. KREIDER
2)ROBERT J. GOULET

No of Pages : 18
No of Claims : 12

(57) Abstract :
Improvements in the wash durability and discoloration levels for fabrics having topically applied silver-ion treatments (such as ion-exchange compounds, like zirconium phosphates, glasses and/or zeolites) are provided. Such solid compounds are generally susceptible to discoloration and, due to the solid nature thereof, are typically easy to remove from topical surface applications. The inventive treatment requires the presence of a specific polyurethane binder, either as a silver-ion overcoat or as a component of a dye bath mixture admixed with the silver-ion antimicrobial compound. In addition, specific metal halide additives (preferably substantially free from sodium ions) are utilized to combat the discolorations typical of such silver-ion formulations. As a result, wash durability, discoloration levels, or both, can be improved to the extent that after a substantial number of standard launderings and dryings, the inventive treatment does not wear away in any appreciable amount and the color of the treatment remains substantially the same as when first applied. The particular treatment method as well as the treated fabrics are also encompassed within this invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2004

(21) Application No.1983/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR BIOLOGICAL PURIFICATION OF WATER USING A CARRIER MATERIAL

(51) International classification :CO2F3/ 10
(31) Priority Document No :0200459-6
(32) Priority Date :18/02/2002
(33) Name of priority country :Sweden
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LOFQVIST ANDERS
2)WELANDER THOMAS

No of Pages : 11
No of Claims : 4

(57) Abstract :
Method for biological purification of water such as wastewater using a carrier material, wherein the water is treated in a reactor containing carriers for biofilm growth . These cariers are kept in movement in the water and are designed so that they have well defined passages or compartments providing a surface for biofilm growth, which is protected against collision with the surfaces of other carriers. The carriers have a width or diameter greater than 20 mm. the protected area is larger than 1000 m/m carrier element volune, dthe length of the passages or the depth of the compartments in the car rier elements as a mean value is smaller than 6mm or smaller than 3 mm. respectively, and the ratio between the passage lengths or com. partment depths and the longest dimension of the inlet openings to the passages or compartments, respectively is smaller than 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2004
(21) Application No.1989/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SELFORGANIZING HIERARCHICAL WIRELESS NETWORK FOR SURVEILLANCE AND CONTROL

(51) International classification :H04L
(31) Priority Document No :60/347,569
(32) Priority Date :10/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 03/061175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JASON HILL
3)ARATI MANJESHWAR
4)ANDREAS HENSEL
5)MIKAEL ISRAELSSON
6)JOHANNES KARLSSON

No of Pages : 24
No of Claims : 50

(57) Abstract :
The present invention relates to a wireless network of sensors and actuator for surveillance and control, and a method of operation for the network.The network may include two physical portions or layers. The first physical layer may connect a an number of relatively more complex devices to form a wireless backbone network. The second physical layer may connect a large number of rlatively less complex low ower devices with each other and with the backbone nodes. Such an arrangement of two separate physical layes may impose less severe energy constraints upon the network.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2004
(21) Application No.1990/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CASTING ROLL AND PROCESS FOR PRODUCING A CASTING ROLL

(51) International classification :B22D11/06
(31) Priority Document No :A 47/2002
(32) Priority Date :11/01/2002
(33) Name of priority country :Austria
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 03/057390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GERALD ECKERSTORFER
3)THOMAS REITER
4)JEAN-MICHEL DAMASSE

No of Pages : 20
No of Claims : 37

(57) Abstract :
The invention relates to a casting roll for the continuous casting of thin metal strips, in particular steel strips in a double-roll or roll-in installation. Said roll comprises a roll core (1) with an external casing (4) and an annular roll jacket (2) with an internal casing (5), said jacket surrounding the core and being shrunk onto the latter. To prevent the migratory motion of the roll jacket in relation to the roll core, the surface of at least one of the opposing casings (4, 5) that form a shrinkage connection has protuberances and indentations, which are oriented at least partially in the direction of the casting roll axis (8) and extend radially for at least 2 mu m.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2005

(21) Application No.1995/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HYDROXYETHYLAMINE DERIVATIVES FOR THE TREATMENT OF ALZHEIMER'S DISEASE

(51) International classification :CO7 D 207/26
(31) Priority Document No :0228410.7
(32) Priority Date :05/12/2002
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO2004/050619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 115
No of Claims : 8

(57) Abstract :
The present invention relates to novel hydroxyethylamine compounds of formula (I): (I) having Asp2 (-secretase, BACE1 or Memapsin) inhibitory activity, processes for their preparation, to compositions containing them and to their use in the treatment of diseases characterised by elevated - amyloid levels or - amyloid deposits, particularly Alzheimer's disease.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2005

(21) Application No.2033/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "EFFERVESCENT TWO COMPONENT BICARBONATE AND ACID CONTAINING DENTIFRICE

(51) International classification :A61K 7/16
(31) Priority Document No :08/909,582
(32) Priority Date :12/08/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2328/DEL/98
Filed on :10/08/1998

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3)DAVID VISCIO
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No of Pages : 21
No of Claims : 13

(57) Abstract :
The present invention relates to a two component dentifrice composition, having a first component containing an alkali metal bicarbonate salt and a second component containing an acid and more particularly to such a composition which exhibits a novel tingling mouth effect and enhanced removal of plaque growth

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2004

(21) Application No.2034/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : USER INTERFACE AND METHOD OF VIEWING UNIFIED COMMUNICATIONS EVENTS ON A MOBILE DEVICE

(51) International classification	:H04M 1/57
(31) Priority Document No	:60/342,130
(32) Priority Date	:26/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA02/02030
Filing Date	:23/12/2002
(87) International Publication No	:WO 03/056789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 26
No of Claims : 26

(57) Abstract :
A user interface and method for viewing communications events on a mobile device which includes a user interface, a communications event handler, and a communications event database is disclosed herein.The communications event handler interfaces with the database and the user interface to provide a user of the mobile device with a communications event history associated with the correspondent of an incoming communications event. Additionally the communications event handler interfaces with the database and the user interface to provide a user of the mobile device with a communications event history for a specified correspondent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2006

(21) Application No.2063/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTEGRATING PASSIVE COMPONENTS ON SPACER IN STACKED DIES"

(51) International classification :H01L 23/00
(31) Priority Document No :10/744,194
(32) Priority Date :22/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/043027
Filing Date :20/12/2004
(87) International Publication No :WO 2005/064673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 24

(57) Abstract :
An embodiment of the present invention is a technique to integrate passive components in a die assembly. A capacitor, inductor, or resistor is integrated on a spacer between upper and lower dies in stacked dies. Conductors are attached to the capacitor, inductor or resistor to connect the capacitor, inductor, or resistor to at least one of the upper and lower dies.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2004
(21) Application No.2133/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DIPHENIC ACID

(51) International classification :C07C
(31) Priority Document No :IB02/05612
(32) Priority Date :23/12/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :IB02/05612
Filing Date :23/12/2002
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 9
No of Claims : 10

(57) Abstract :
The present invention provides a process for the preparation of diphenic acid from phenanthrene which comprises heating phenanthrene and glacial acetic acid, adding drop-wise a pre-determined amount of 30% hydrogen peroxide, heating the resulting mixture after completion of drop wise addition of hydrogen peroxide, distilling the resulting mixture under reduced pressure to make the volume half, cooling the mixture till diphenic acid crystalises out, filtering the cooled mixture and boiling the residue after adding 10% solution of sodium carbonate and activated charcoal, filtering and discarding the residue; acidifying the filtrate with hydrogen chloride; cooling the resultant mixture till more diphenic acid crystallises out; repeating filtration till pure diphenic acid is obtained.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2004

(21) Application No.2134/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR MAKING BIOPREFORM MONOCOTYLEDONOUS CAUDEX PLANT STEM, BIOPREFORM OBTAINED THEREBY AND USE THEREOF

(51) International classification	:C07K
(31) Priority Document No	:10/334,673
(32) Priority Date	:31/12/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:IB02/05418
Filing Date	:16/12/2002
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 23

(57) Abstract :
A method of making biopreform from the stem of monocotyledonous caudex plant, that is suitable for liquid infiltration and gaseous transportation of materials, is disclosed. Wood from caudex stem of trees such as coconut (Cocos nucifera), palmyra palm (Borassus flabellifer), date palm (Phoenics dactylifera), is used as a precursor material which is transformed under simple pyrolitic conditions under self-generated ambient atmosphere to biopreform having microstructural features typical of a monocotyledonous caudex tree. The biopreform is capable of liquid infiltration and gaseous transportation processing of materials in an appreciably shorter processing period, because of its preservation of the structural and anatomical features of the parent plants with high precision.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2003
(21) Application No.214/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE RECOVERY OF PURE NICKEL SULPHATE FROM THE SPENT NICKEL STRIPPER SOLUTION'

(51) International classification :C01G 53/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 7

(57) Abstract :
A process for the recovery of pure nickel sulfate from the spent nickel stripper solution which comprises the following steps; (d) treating the nickel stripper solution with sulphuric acid, (e) isolating the nickel sulphate salt crystallized form from step (a) and roasting it in a furnace at a temperature in the range of 300 to 600 °C for a period in the range of 5- 30 minutes to get nickel oxide, (f) treating the nickel oxide obtained in step (b) with sulphuric acid medium and active charcoal, (g) Isolating the nickel sulphate in crystallised form the solution.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2006

(21) Application No.2171/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROXIMITY DETECTOR"

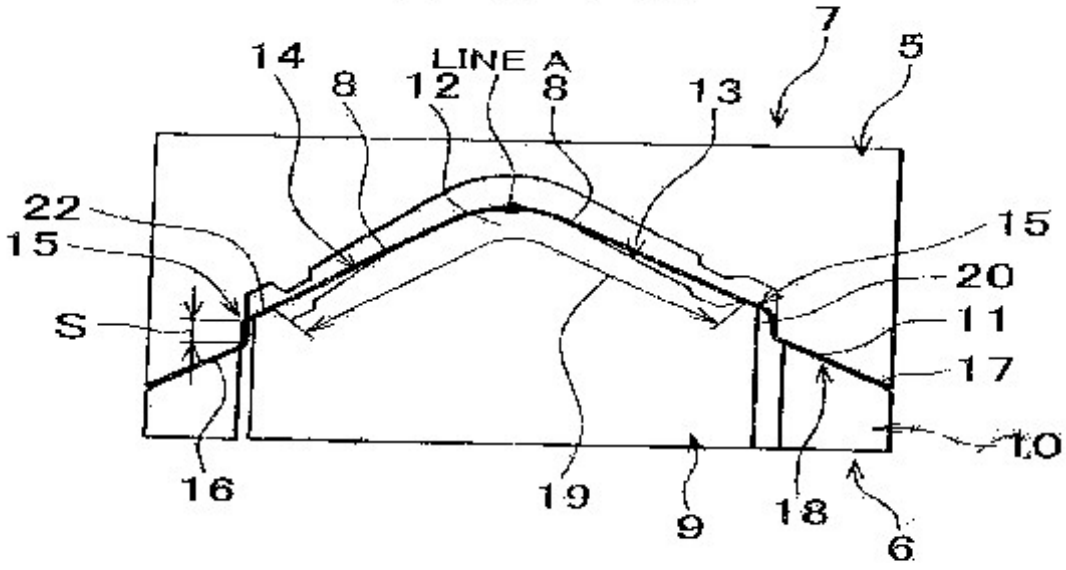
(51) International classification	:G01B 11/02
(31) Priority Document No	:20035142
(32) Priority Date	:19/11/2003
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2004/000347
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/050130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TORMAD NJOLSTAD

No of Pages : 21
No of Claims : 12

(57) Abstract :
An addendum shape portion (20) of a panel material (11) is drawn by a drawing portion (15) of a press forming die (7) by an amount equal to or less than the limit to which the panel material (11) can be drawn, whereby a to-be-product portion (19) of the panel material (11) is roughly conformed to a forming face (8) of a punch (9). In this state, the to-be-product portion (19) of the panel material (11) is stretched or drawn. Accordingly, the cross section of the to-be-product portion (19) is uniformly changed at the minimum level, which makes it possible to produce, by press forming, a fender panel (1) made of aluminum base alloy, which has a great plane dimension L and high quality. As a result, flexibility in the design of panel parts, which are formed by pressing the panel material (11) into shapes, is increased. Selected drawing:

FIG. 6



Of Anand And Anand Advocates
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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2004

(21) Application No.2186/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS OF MAKING SILICON-SILICON CARBIDE CERAMIC USING BIOPREFORM, SILICON-SILICON CARBIDE CERAMIC OBTAINED THEREBY

(51) International classification	:C04 B 35/52
(31) Priority Document No	:10/334,674
(32) Priority Date	:31/12/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:IB02/05534
Filing Date	:16/12/2002
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 21
No of Claims : 11

(57) Abstract :
The present invention relates to a process of making silicon-silicon carbide ceramic using biopreform derived from monocotyledonous caudex plant stem. The present invention also provides a silicon - silicon carbide ceramic made using a biopreform derived from monocotyledonous caudex plant stem.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2006

(21) Application No.2203/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A COLLECT-TYPE SPLICE AND DEAD END FOR USE WITH AN ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE."

(51) International classification	:H01R
(31) Priority Document No	:10/690,839
(32) Priority Date	:22/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/035199
Filing Date	:22/10/2004
(87) International Publication No	:WO/2005/041358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.
(72)**Name of Inventor :**
1)BRYANT, David

No of Pages : 23
No of Claims : 11

(57) Abstract :
This invention relates to collet-type fittings 201 for use in collet-type splices and collet-type dead ends and methods for splicing together two aluminum conductor composite core reinforced cables (ACCC) or terminating one ACCC cable. The collet-type fittings 201 comprise a collet 202 coincident with a collet housing 204 to hold the composite cores. The composite cores can be stripped of the aluminum conductor to provide a bond between the collet 202 and the composite core. After inserting the composite core into the collet 202, a compression element 206 compresses the collet 202. The collet 202 holds the composite core with frictional forces and the collet 202 further compresses and strengthens the hold on the composite core if the composite core pulls the collet 202 further into the collet housing 204.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2006

(21) Application No.2211/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HEATNG CUSHION AND DEVICE COMPRISING SUCH A CUSHION"

(51) International classification :A61F 7/02
(31) Priority Document No :03024751.4
(32) Priority Date :29/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/011332
Filing Date :11/10/2004
(87) International Publication No :WO 2005/046540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 40
No of Claims : 31

(57) Abstract :
The inventive heating cushion consists of a system of blocs (1) which comprise a thermal material, are separated by interstices (8) containing a deformable thermal material (10), are connected by joints provided with elastic solid bodies which are fixed to the blocs and form said deformable thermal material and/or elastic membranes (7) which are fixed to the blocs (1) and are tensioned for compressing a deformable body arranged in the interstices (8) and/or the joints (6) which are permeable to a fluid contained in the interstices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006

(21) Application No.2212/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHOTOCURABLE PERFLUOROPOLYETHERS FOR USE AS NOVEL MATERIALS IN MICROFLUIDIC DEVICES"

(51) International classification :C08G
(31) Priority Document No :60/505,384
(32) Priority Date :23/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/31274
Filing Date :23/09/2004
(87) International Publication No :WO 2005/030822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)DAM MICHAEL VAN

No of Pages : 90
No of Claims : 171

(57) Abstract :
A functionalized photocurable perfluoropolycther is used as a material for fabricating a solvent-resitant microfluidic device. Such solvent resistant microfluidic devices can be used to control the flow of small amounts of a fluid, such as an organic solvent, and to perform microscale chemical reaclions that are not amenable to other polymer-based microfluidic devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2007

(21) Application No.2212/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PERFORMING MESSAGE AND TRANSFORMATION ADAPTER FUNCTIONS IN A NETWORK ELEMENT ON BEHALF OF AN APPLICATION"

(51) International classification	:G06F 15/173
(31) Priority Document No	:10/991,792
(32) Priority Date	:17/11/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/040861
Filing Date	:10/11/2005
(87) International Publication No	:WO 2006/055406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)QUINGQUING LI
3)JUZAR KOTHAMBAWALA
4)PARLEY VAN OLESON
5)WAI YIP TUNG
6)SUNIL POTTI

No of Pages : 87
No of Claims : 24

(57) Abstract :
A method is disclosed for performing message and transformation adapter functions in a network element on behalf of an application. According to one aspect, the network element determines an application layer message that is collectively contained in payload portions of data packets (202). The application layer message conforms to an application layer protocol, such as Hypertext Transfer Protocol (HTTP) (204). The network element determines the application layer protocol to which the application layer message conforms. Based on the application layer protocol, an adapter is selected from among a plurality of adapters that are accessible to the network element (206). The application layer message is provided to the selected adapter, which converts the application layer message into a "canonical" message that is not specific to any particular application layer protocol (208).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006

(21) Application No.2213/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TUNEABLE FREQUENCY TRANSLATOR'

(51) International classification :H03H 9/64
(31) Priority Document No :10/693,251
(32) Priority Date :24/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035113
Filing Date :21/10/2004
(87) International Publication No :WO 2005/043757
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KNECHT Thomas
2)MICHEL, Stephane
3)REESER, Glen

No of Pages : 26
No of Claims : 47

(57) Abstract :
A tuneable frequency translator is disclosed having electrical circuitry mounted to a circuit board. The circuitry is designed to provide a phase-locked loop with a resonator. Compliant material is positioned between the resonator and the circuit board. Operably coupled to the resonator is at least one passive device that is short-circuited by an electrically conductive lead. The resonant frequency of the frequency translator can be changed by severing the electrically conductive lead, and thus activating the associated passive device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2214/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CATALYTIC AIR CATHADE FOR AIR- METAL BATTERIES"

(51) International classification :H01M 4/86
(31) Priority Document No :09/238,008
(32) Priority Date :26/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/01687
Filing Date :25/01/2000
(87) International Publication No :WO 2000/04405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOU CHOU-LUI,

No of Pages : 44
No of Claims : 59

(57) Abstract :
An air cathode (10) for use in an electrochemical cell or battery having an air permeable and water impermeable layer (12), an electrically conductive middle layer (18) and a catalytic layer (22) comprising a mixture of carbon particles, paniculate materials, having a high surface area, metal hydroxides, and hydrophobic particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2215/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FLEXIBLE AXLE HAVING A TRANSVERSE STIFFNESS WHICH IS INCREASED BY AT LEAST ONE SPRING DISH-FORMING PART, SPRING DISH AND CORRESPONDING VEHICLE"

(51) International classification :B60B 33/04
(31) Priority Document No :0312645
(32) Priority Date :29/10/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/002784
Filing Date :28/10/2004
(87) International Publication No :WO 2005/042274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VENEAU, Jean
3)THIRIEL Jean-Marc

No of Pages : 20
No of Claims : 16

(57) Abstract :
The invention relates to a flexible axle which is intended for a motor vehicle. The inventive axle comprises a cross-member (1) which connects two longitudinal arms (2), each of said arms being solidly connected to at least one cup part (3'). Moreover, the ax!e is equipped with means for positioning and/or supporting (33) at least one suspension spring. The invention is characterised in that the aforementioned cross-member (1) is connected to each longitudinal arm (1) by means of at least one cup (3) comprising stiffening means (31) which are intended to increase the transverse stiffness of the axle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2216/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR INTELLIGENT SEARCHING OF CRUDE OIL PROPERTIES AND KNOWLEDGE"

(51) International classification :G06F 17/30
(31) Priority Document No :10/703,218
(32) Priority Date :06/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033510
Filing Date :12/10/2004
(87) International Publication No :WO/2005/048135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 10

(57) Abstract :
method and system for accessing crude refinement related information stored in a database for assessing and optimizing crude refinement are provided. A fuzzy search engine searches a database storing records of crude refinement related data, each record having at least one field. The fuzzy search engine receives at least one search request, respective search requests including search criteria including at least one search parameter specifying a field of the at least one field and a search criteria type corresponding to each search parameter specifying a target value and a relationship to the target value. The fuzzy search engine further includes are algorithm for computing for each respective search parameter a degree of membership value for individual records in accordance with at least one continuous varying function describing a degree of meeting the search criteria type corresponding to the respective search parameter by data stored in the field specified by the respective search parameter. The fuzzy search engine further includes an algorithm for computing a closeness value for each individual record in accordance with a function combining the degree of membership value for each respective search parameter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2217/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMMERSION LITHOGRAPHY TECHNIQUE AND PRODUCT USING A PROTECTION LAYER COVERING THE RESIST

(51) International classification :G03F 7/09
(31) Priority Document No :04290429.2
(32) Priority Date :17/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/001511
Filing Date :15/02/2005
(87) International Publication No :WO 2005/078525
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 10

(57) Abstract :
In an immersion lithography method, the photoresist layer (20) is provided with a shield layer (30) to protect it from degradation caused by contact with the immersion liquid. The shield layer (30) is transparent at the exposure wavelength and is substantially impervious to (and, preferably, insoluble in) the immersion liquid. The shield layer (30) can be formed of a material which can be removed using the same developer as is used to develop the photoresist layer (20) after exposure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2219/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SULFUR COMPOUNDS FOR ENHACING COFFEE AROMA AND RESULTANT PRODUCTS CONTAINING SAME"

(51) International classification :A23L 1/234
(31) Priority Document No :03024173.1
(32) Priority Date :20/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/011556
Filing Date :14/10/2004
(87) International Publication No :WO 2005/039313
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LIARDON, RÃ©my
3)POISSON, LUIGI

No of Pages : 19
No of Claims : 11

(57) Abstract :
A coaxial cable compression connector for interconnecting braided coaxial cable to a trunk line equipment port is provided, wherein the connector is connected to a trunk line equipment port, a segment of cable is inserted within the connector, and the cable is caused to be radially compressed within the connector so as to provide an inexpensive, reliable and permanent connection between the braided coaxial cable and the connector without the usage of an adapter or a swivel joint.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2006
(21) Application No.2220/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MODERATING THE EFFECT OF ENDOTOXINS"

(51) International classification :A61K 35/72
(31) Priority Document No :03023015.5
(32) Priority Date :13/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/011470
Filing Date :13/10/2004
(87) International Publication No :WO/2005/039609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BERGONZELLI, GABRIELA

No of Pages : 14
No of Claims : 10

(57) Abstract :
The present invention relates to the use of an oral composition comprising yeast extract, in the manufacture of an oral composition to treat the effects of infection by pathogenic bacteria such as Clostridium difficile. Such effects may include the failure of the integrity of the gut epithelial cells and diarrhoea as well as other COX-2 mediated effects.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2003

(21) Application No.2224/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DIAMINE DERIVATIVES"

(71)**Name of Applicant :**
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(51) International classification :C07D 401/12
(31) Priority Document No :2001-187105
(32) Priority Date :20/06/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP02/06141
Filing Date :20/06/2002
(87) International Publication No :WO 03/000680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

No of Pages : 944

No of Claims : 59

(57) Abstract :
Compounds represented by the following general formula (1), salts thereof, solvates of the same or N−oxides of the same: $Q^1-Q^2-T^0-N(R^1)-Q^3-N(R^2)-T^1-Q^4$ (1) wherein R^1 and R^2 represent each hydrogen, etc.; Q^1 represents optionally substituted, saturated or unsaturated 5− or 6−membered hydrocarbyl, etc.; Q^2 represents a single bond, etc.; Q^3 represents the following group; (wherein Q^5 represents C_{1-8} alkylene, etc.); and T^0 and T^1 represent each carbonyl, etc. These compounds are useful as preventives and/or remedies for brain infarction, cerebral embolism, myocardial infarction, angina, pulmonary infarction, pulmonary embolism, Buerger's disease, bottom venous thrombosis, disseminated intravascular coagulation, thrombosis following artificial valve/joint replacement, thrombosis and reocclusion following circulation reconstruction, systemic inflammatory responsive syndrome (SIRS), multiple organ dysfunction (MODS), thrombosis in extracorporeal circulation or blood coagulation in collecting blood.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2005
(21) Application No.2226/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PARTICLES

(51) International classification :G01N 33/543
(31) Priority Document No :0228914.8
(32) Priority Date :11/12/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/005390
Filing Date :11/12/2003
(87) International Publication No :WO 2004/053490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)FINNE, ERLING SIGURD

No of Pages : 49
No of Claims : 31

(57) Abstract :
A coated magnetic particle comprising an optionally porous magnetic polymer particle of a matrix polymer, said polymer particle having on a surface and/or in the pores thereof superparamagnetic crystals, said coated particle having a coat formed of a coating polymer, wherein said coated magnetic particle is essentially non-autofluorescent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2005
(21) Application No.2255/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A THERMOPLASTIC ELASTOMER COMPOSITION"

(51) International classification :C08F 110/06
(31) Priority Document No :60/037,323
(32) Priority Date :07/02/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :317/DEL/98
Filed on :09/02/1998

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No of Pages : 30
No of Claims : 7

(57) Abstract :
Polymeric compositions of matter are described comprising olefin polymer chains having Mn of about 400 to 75,000, a ratio of vinyl groups to total olefin groups according to the formula (1) vinyl groups > olefin groups [comonomer mole percentage + 0.1]a x 10ax b where, a = -0.24 and b = 0.8, and where the total number of vinyl groups per 1000 carbon atoms is greater than or equal to 8000-Mn. The invention includes a method for preparing these polymeric products comprising contacting one or more olefin comonomers with a catalyst system containing a transition metal catalyst compound and an alumoxane wherein the aluminum to transition metal ratio is from 10:1 to less than or equal to 220:1 (Al:Me). The process conditions of the invention permit predictable macromer characteristics of both molecular weight and vinyl unsaturation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2003

(21) Application No.2291/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CHEMICAL COMPOUNDS"

(51) International classification :C07D 471/16
(31) Priority Document No :0117395.4
(32) Priority Date :17/07/2001
(33) Name of priority country :U.K.
(86) International Application No :PCT/US02/22394
Filing Date :15/07/2002
(87) International Publication No :WO 03/008414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 33
No of Claims : 25

(57) Abstract :
The present invention relates to tricyclic pyridines compounds of formula (I) including stereoisomers, prodrugs and pharmaceutically acceptable salts or solvates thereof Please insert formula (I) here: to processes for their preparation, to pharmaceutical compositions containing them and to their use in the treatment of conditions mediated by corticotropin-releasing factor (CRF).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2006

(21) Application No.2295/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED ROTARY SAMPLE COLLECTOR.

(51) International classification :G01N 1/20
(31) Priority Document No :2003905774
(32) Priority Date :21/10/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2004/004441
Filing Date :21/10/2004
(87) International Publication No :WO 2005/062702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 13

(57) Abstract :
The invention concerns a gearwheel (1) with a gear rim (2) and an insert (3) whose external diameter (d3) is greater than half of the external diameter (dl) of the gearwheel (1), wherein the insert (3) is surrounded by injection molding by means of a cone mold during the manufacture of the gearwheel. In particular, the gear rim (2), including gear teeth on the external circumference, is formed at the same time during the injection molding process.

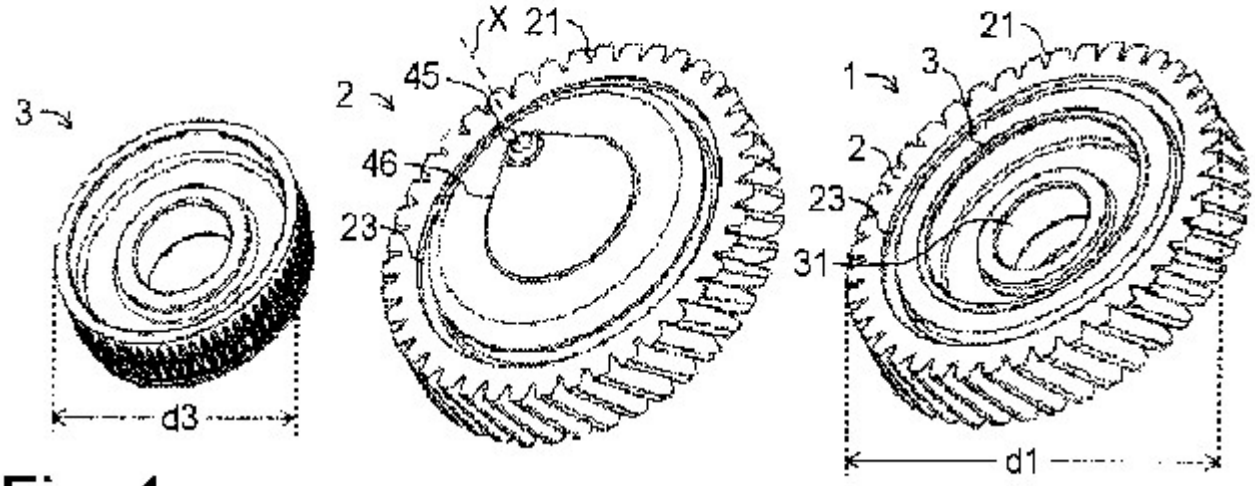


Fig. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2006

(21) Application No.2298/DELNP/2006 A
(43) Publication Date : 27/04/2007

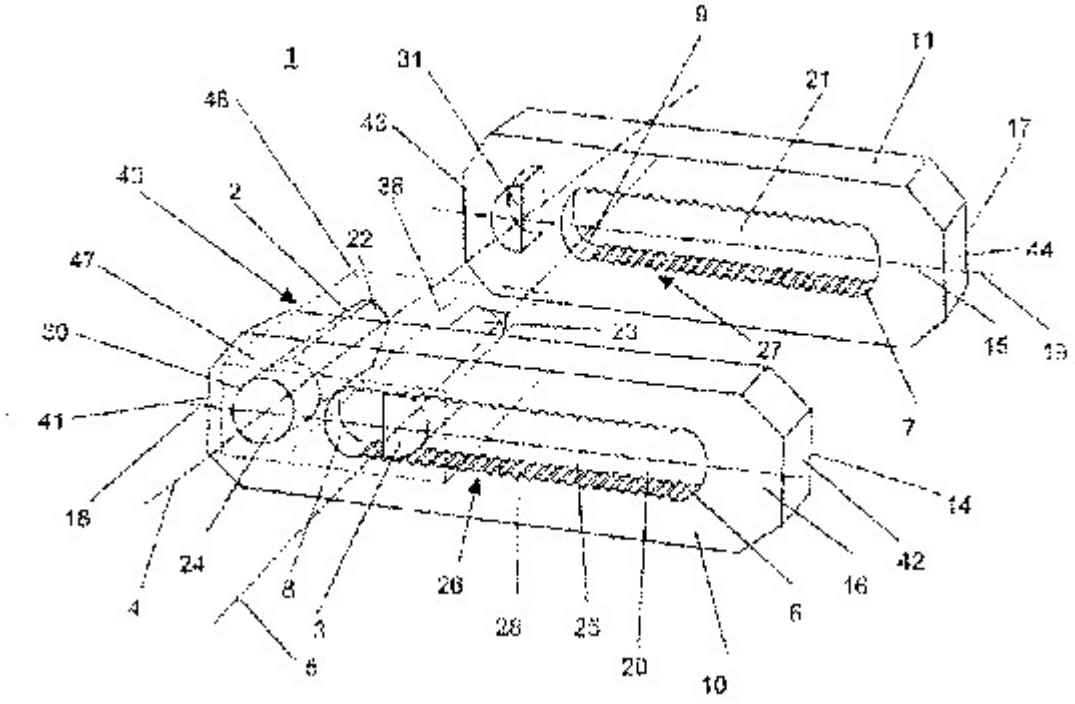
(54) Title of the invention : "INTERSPINAL IMPLANT"

(51) International classification	:A61B 17/70
(31) Priority Document No	:PCT/CH03/000706
(32) Priority Date	:30/10/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2003/00706
Filing Date	:30/10/2003
(87) International Publication No	:WO 2005/041792
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ARMIN STUDER

No of Pages : 15
No of Claims : 16

(57) Abstract :
The invention relates to an intervertebral implant (1), comprising A) an intermediate piece (40) which can he intro-duced into the intervertebral space, said intermediate piece having a central axis (38). a first end (47), cutting the central axis (38) and a second end (48), cutting said central ax is (38) and B) two longitudinal pieces (10; 11). each having a longitudinal axis (18; 19). perpendicular to the central axis (38) of the intermediate piece (37) and an apposition face (14; 15). oriented perpendicular to the central axis (38) of the intermediate piece (37) and provided for support on two spinous processes of two adjacent vertebral bodies, whereby C) each longitudinal piece (10; 11) may he joined to a respective end (14; 15) of the intermediate piece (40), such that the apposition faces (14; 15) oppose each other and D) the intermediate piece (40) may he distracted perpendicular to the central axis (38) thereof along the longitudinal axes (18:19) of both longitudinal pieces (10: 11).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2005
(21) Application No.2303/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR QUANTITATIVE DETERMINATION OF THE PHASE OF A RADIATION WAVE FIELD"

(51) International classification :G01J 9/00
(31) Priority Document No :PP 6900
(32) Priority Date :02/11/1998
(33) Name of priority country :Australia
(86) International Application No :PCT/AU99/00949
Filing Date :02/11/1998
(87) International Publication No :WO 00/26622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00284/DEL
Filed on :09/04/2001

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1)NUGENT, KEITH
2)PAGANIN, DAVID
3)BARTY, ANTON

No of Pages : 47
No of Claims : 66

(57) Abstract :
A method and apparatus for quantitative determination of the phase of a radiation wave field is disclosed. A representative measure of the rate of change of intensity of the radiation wave field over a selected surface extending generally across the wave field is transformed to produce a first integral transform representation. A first filter is applied to the first integral transform representation corresponding to the inversion of a first differential operator reflected in the measure of rate of change of intensity to produce a first modified integral transform representation. An inverse of the first integral transform is applied to the first modified integral transform representation to produce an untransformed representation. The untransformed representation is corrected based on a measure of intensity over said selected surface and again transformed to produce a second integral transform representation. A second filter is applied to the second integral transform representation corresponding to the inversion of a second differential operator reflected in the corrected untransformed representation to produce a second modified integral transform representation. An inverse of the second integral transform is applied to the second modified integral transform representation to produce a measure of phase of the radiation wave field across the selected plane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2006
(21) Application No.2317/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GAS INJECTION AMOUNT DETERMINING METHOD IN ISOTOPE GAS ANALYSIS, AND ISOTOPE GAS ANALYZING AND MEASURING METHOD AND APPARATUS"

(51) International classification :A61B 5/083
(31) Priority Document No :2003-373093
(32) Priority Date :31/10/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/016451
Filing Date :29/10/2004
(87) International Publication No :WO 2005/041769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ZASU YASUSHI
5)TANI MASAYUKI
6)HAMAO TAMOTSU

No of Pages : 38
No of Claims : 9

(57) Abstract :
As previous processing of measurement in which gas to be measured containing, as gas components, carbon dioxide 13C02 and carbon dioxide 12C02, is introduced into a cell, and in which the intensities of transmitted lights having wavelengths suitable for measurement of the respective gas components, are measured and then data-processed to measure the concentrations of the gas components, the air having a predetermined volume Va is sucked by a gas injection device 21, a gas exhaust valve V6 of a cell 11 is closed and the air stored in the gas injection device 21 is transferred to the cell 11 filled with the air at an atmospheric pressure, thereby to pressurize the cell inside. The pressure thus pressurized is measured as P. The cell volume Vc is subtracted from the product obtained by multiplying the sum. VO of the volume Va and the cell volume Vc, by the ratio P0/P in which PO is the target pressure of the gas to be measured at which a calibration curve has been prepared for an isotope gas analysis and measurement, thus determining the one-time gas injection amount of the gas injection device 21. Thus, measured concentration variations based on changes in atmospheric pressure can be corrected.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2006
(21) Application No.2322/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESSES FOR THE PREPARATION OF CEPHEM DERIVATIVES."

(51) International classification :C07D 501/22
(31) Priority Document No :10/2003-0076359
(32) Priority Date :30/10/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002770
Filing Date :30/10/2004
(87) International Publication No :WO/2005/042543 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LEE KI BONG
5)LEE IN KYU

No of Pages : 27
No of Claims : 18

(57) Abstract :
Provided is a process for preparing a compound of formula 1 or its salt, which includes reacting a compound of formula 2 with a compound of formula 3 in the presence of a base.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2005
(21) Application No.2338/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SOFTWARE FOR DIE-STAMPING MODELLING"

(51) International classification :G06F 17/50
(31) Priority Document No :02/15157
(32) Priority Date :02/12/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR2003/003564
Filing Date :02/12/2003
(87) International Publication No :WO 2004/053740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EL KHALDI, FOUAD
3)AHOUANGONOU, CHRISTIAN
4)VIOSSAT, PIERRE
5)BOROT,CAROLINE

No of Pages : 14
No of Claims : 10

(57) Abstract :
The invention concerns a method for digital simulation of a die-stamping process comprising the following steps: recording at least one metamodel consisting of a permanent collection of digital representations of elementary components of die-stamping tools, each of said elementary components being defined in the form of finished elements, and comprising digital static attributes; recording a digital model for deforming a blank used in the process to be simulated; selecting a subassembly of said permanent collection, by temporarily recording said elementary components representing a particular die-stamping tool corresponding to the simulation concerned, said subassembly constituting a specific collection in the form of digitized finished elements of the specific collection, parameterizing said digitized finished elements of the specific collection, and the corresponding attributes based on the characteristics of the process to be simulated; recording the digital data representing the relative movements of the components of said specific collection, based on operating cycles of the die-stamping process to be simulated; recalculating the digital models for deforming the blank based on the recorded digitized data in the parameterized specific collection, of the digital model of the blank, and of the specific displacements; generating a digital or visual representation of deformations of the blank by applying said recalculated digital model.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.24/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SELECTIVE HYDROGENATION PROCESS AND CATALYST"

(51) International classification	:C07C 5/03
(31) Priority Document No	:10/969,613
(32) Priority Date	:20/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/025606
Filing Date	:19/07/2005
(87) International Publication No	:WO 2006/044005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)YONG J. RYU

No of Pages : 18
No of Claims : 21

(57) Abstract :
A supported catalyst for selective hydrugciuiion ofacetylenes comprising3-15 wt. r Ni promoted with 0.005 -0.2 Pd on a support. The catalyst is prepared by depositing nickel promoted with palladium on a support, containing one or more optional elements from cupper, silver. Group 1A (Li. Nil. K, Kb. C's. l-'n and Ciroup 1 IA (Be, Mg, Ca, Sr. Ba. Raland B(n, d.) of the periodic table of elements and characteri.cd as: Table (I).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.2407/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR ENHANCING STRESS TOLERANCE IN PLANTS AND METHODS THEREOF"

(51) International classification :C12N 15/82
(31) Priority Document No :60/506,717
(32) Priority Date :29/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/031856
Filing Date :29/09/2004
(87) International Publication No :WO 2005/033318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FERNANDES MARY,

No of Pages : 170
No of Claims : 20

(57) Abstract :
Increased tolerance to abiotic stress in a plant is provided by introducing DNA expressing a cold shock protein, e.g. bacterial cold shock protein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.2408/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH DATA RATE INTERFACE."

(51) International classification :H04L 29/06
(31) Priority Document No :60/515,948
(32) Priority Date :29/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036167
Filing Date :29/10/2004
(87) International Publication No :WO 2005/043862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WILEY GEORGE A.
4)SHEKHAR SHASHANK

No of Pages : 263
No of Claims : 70

(57) Abstract :
A data Interface for transferring digital data between a host and a client over a communication path using packet structures linked together to form a communication protocol for communicating a pre-selected set of digital control and presentation data. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more types of data packets, with at least one residing in the host device and being coupled to the client through the communications path. The interface provides a cost-effective, low power, bi-directional, high-speed data transfer mechanism over a short-range "serial" type data link, which lends itself to implementation with miniature connectors and thin flexible cables which are especially useful in connecting display elements such as wearable micro-displays to portable computers and wireless communication devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2003

(21) Application No.245/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS OF MAKING Al-Al

(51) International classification	:C01F 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DEBABRATA BASU
3)SOMESHWAR DATTA
4)ANOOP KUMAR MUKHOPADHYAY

No of Pages : 14

No of Claims : 7

(57) Abstract :
This invention provides a process of making AI-Al2O3 composites usetui in engineering applications, wherein partially oxidized object(s) are subjected to microwaving in the presence of air, resulting in the generation of AI2o3 phases in the aluminium matrix due to microwave heating. Percentage of alumina phase loading in the aluminium matrix can be tailored as a function of microwave exposure time. Thus, there is provided a process of making AI-AI2O3 composites useful in engineering applications, which is simpler and cost-effective than the hitherto known prior art.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2005
(21) Application No.2485/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "N-(SUBDTITUTED ARYLMETHY)-4-(DISUBSTITUTED METHEY) PIPERIDINES AND PIPERZINES"

(51) International classification :CO7D
(31) Priority Document No :60/434,718
(32) Priority Date :18/12/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/039046
Filing Date :08/12/2003
(87) International Publication No :WO 2004/060865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DING, PING

No of Pages : 104
No of Claims : 77

(57) Abstract :
It has now been found that certain novel N-(substituted aryl)-4-(disubstituted methyl)piperidine and pyridine derivatives have provided unexpected insecticidal activity. These compounds are represented by formula (I): wherein m, n, q, r, and s are independently selected from 0 or 1; and p is 0, 1, 2, or 3; A is CH or N; and B, D, E, R, R^1, R^2, R^3, R^4, R^5, R^6, R^7 and R^8 are fully described herein. In addition, compositions comprising an insecticidally effective amount of at least one compound of formula I, and optionally, an effective amount of at least one of a second compound, with at least one insecticidally compatible carrier are also disclosed; along with methods of controlling insects comprising applying said compositions to a locus where insects are present or are expected to be present.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.25/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CONDUCTIVE MATERIAL COMPRISING AN ME-DLC HARD MATERIAL COATING"

(51) International classification :C23C 16/26
(31) Priority Document No :1166/04
(32) Priority Date :09/07/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH05/000333
Filing Date :15/06/2005
(87) International Publication No :WO 2006/005200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 20

(57) Abstract :
The invention relates to a conductive material consisting of an alloy that contains copper, for use as a plug-in or clip connection. Said material comprises a cover layer that is deposited on at least some sections of the contact surface, said layer consisting at least of a support layer and an adhesive layer. The anti-friction layer has a carbon content greater or less than 40 and less than or equal to 70 atomic percent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2003
(21) Application No.251/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MICROBIOLOGICAL PROCESS FOR THE PRODUCTION OF 6-HYDROXYNICOTNIC ACID

(51) International classification	:C12P 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 13
No of Claims : 9

(57) Abstract :
The present invention provides a new strain of Pseudomonas sp. strain R1JI2N having high nicotinic acid hydroxylase activity and capable of converting uicotinic acid to 6-hydroxynicotinic acid, the improvement which comprises the use of whole cell nicotinic acid hydroxylase which is obtained by culturing the microorganism in a nutrient medium containing glucose, yeast extract, peptone, mineral salts, and nicotinic acid or nicotinamide inducer

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.26/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RECORDING MEDIUM, RECORDING APPARATUS AND METHOD, DATA PROCESSING APPARATUS AND METHOD AND DATA OUTPUTTING APPARATUS"

(51) International classification :G10K 15/00
(31) Priority Document No :2004-207025
(32) Priority Date :14/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/012074
Filing Date :30/06/2005
(87) International Publication No :WO 2006/006418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASAYOSHI MIURA
3)TOSHIRO TERAUCHI
4)SUSUMU YABE

No of Pages : 29
No of Claims : 13

(57) Abstract :
Disclosed is an apparatus for reproducing main data under an optimum reproduction environment. The reproducing apparatus includes a readout unit (20) for reading out predetermined main data and spatial characteristic data, made up of the information on characteristics of a space in an environment different from the environment under which the main data is to be reproduced, from a recording medium (1) on which the main data and the spatial characteristic data have been recorded. The reproducing apparatus also includes a processing unit (25) for performing predetermined processing for reproduction of the main data, based on the spatial characteristic data read out by the readout unit (20).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2005

(21) Application No.2640/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUCTION CLEANER

(51) International classification :A47 L 9/00
(31) Priority Document No :0228153.3
(32) Priority Date :03/12/2002
(33) Name of priority country :U.K.
(86) International Application No : PCT/GB2003/005189
Filing Date :NA
(87) International Publication No :WO 2004/049887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PROUD REUBEN
3)IVARSSON, BENGT, IVAR, ANDERS

No of Pages : 11
No of Claims : 10

(57) Abstract :
A suction cleaner of the cylinder type comprising a main unit (10) including a source of suction and a dust separating/collecting means; a flexible hose; a wand (17); and a cleaning head (19); wherein the main unit (10) is able to be stood on its end and there is releasable cath means providing for the wand (17) with cleaning head (19) attached to be releasably connected to the main unit (10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2005
(21) Application No.2696/DELNP-2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : VACUUM VAPOR-DEPOSITION APPARATUS AND METHOD OF PRODUCING VAPOR-DEPOSITED FILM

(51) International classification :C23C 14/56
(31) Priority Document No :2002-376933
(32) Priority Date :26/12/2002
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 2004/059032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ARAI KUNIMASA
6)KONAGAI HIROYUKI

No of Pages : 38
No of Claims : 10

(57) Abstract :
This invention relates to a vacuum vapor-deposition apparatus for forming vapor-deposited films on a base film, thereby to produce vapor-deposited films, and also to a method of producing vapor-deposited film. In the vacuum vapor-deposition apparatus, the synchronizing means (18)equalizes the circumference velocity vl of the coating roll (14) and the circumference velocity v2 of the takeup guide roll (15). Hence, vl=v2. Therefore, the takeup quide roll (15) never rubs the vapor-deposited layer provided on the surface of the film. This eliminates the possibility that the vapor-deposited layer has scratches. The vapor-deposited layer can therefore possess desisred properties.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.27/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CROWN SIZER"

(51) International classification :A47G 1/14
(31) Priority Document No :VI2004A000168
(32) Priority Date :09/07/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP05/007172
Filing Date :02/07/2005
(87) International Publication No :WO 2006/005467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARIO MAINETTI

No of Pages : 21
No of Claims : 18

(57) Abstract :
The finding relatesto an crown sizer for application on objects to be identified, in particular on hangers and the like, of the type that is assembled by inserting il over the hook of said hangers and then positioned coaxially with a pawl, protruding from the arched structure of the hanger and that composes Ihc reinforcing base of the hook. Such crown sizer is cllaracterised in that il foresees internally one or more elastic protrusions which, in operational stage, pcnclratc into the pawl of the hook or into the body of the arched structure in order lo form a clip attachment of said crown si7.er.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003

(21) Application No.274/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SIMPLE PROCESS OBTAINING β- AESCIN FROM INDIAN HORSE CHESTNUT(AESCULUS INDICA)

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BIKRAM SINGH

No of Pages : 17
No of Claims : 12

(57) Abstract :
The present invention relates to development of a simplified process for purification of p-aescin from Indian horse chestnut (Aesculus indica) by aqueous alcohol extraction, solvent - solvent partition, treatment with base followed by passing the organic layer through acidic alumina in 2.0-3.0% yield of purity minimum 90%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003
(21) Application No.275/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A STEREOSELECTIVE CHEMOENZYMATIC PROCESS FOR THE PREPARATION OF OPTICALLY ECRICHED PHENYLGLYCIDATES AS PRECURSORS OF TAXOL SIDE CHAIN

(51) International classification :C07C 45/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SUBHASH CHANDRA TANEJA
4)SURRINDER KOUL
5)RATAN LAL SHARMA
6)GHULAM NABI QAZI

No of Pages : 18
No of Claims : 14

(57) Abstract :
The present invention relates to a novel and efficient chemoenzymatic process of preparation of optically active trans alkyl phenylglycidates. The invention particularly discloses a novel process for the chemoenzymatic synthesis of two enantiomers of trans alkyl phenylglycidate

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2005
(21) Application No.2758/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTRONIC DISTANCING ALERT SYSTEM AND A PROCESS FOR GENERATING PHASE SYNCHRONISM

(51) International classification	:GO8B 13/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 2004/047036
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 19
No of Claims : 35

(57) Abstract :
One describes an electronic distancing alert system comprising: (i) a transmitting unit (10) positioned on a first body and comprising an encoder (13) associated with a signal modulating and transmitting circuit (14); and (ii) a receiving unit (20) positioned on a second body and comprising a signal receiving and demodulating circuit (24) associated with a decoder (23); the encoder (13) and the signal modulating and transmitting circuit (14) generating and transmitting an identifying code associated with a carrier wave, the identifying code being received by the receiving and demodulating circuit (24) and recognized by the decoder (23), which actuates a triggering circuit (27) upon distancing between the first body and the second body and absence of reception of the idendtifying code, the encoder (13) generating a plurality of identifying codes combinable with a plurality of different generation frequencies, which are transmitted and received in different fractions of time and in phase synchronism between the transmitting unit (10) and the receiving unit (20). It is also described a process of generating phase synchronism between a transmitting unit (10) and a receiving unit (20) of an electronic distancing alert system, the process comprising the following steps: A) positioning the transmitting unit (10) and the receiving unit (20) connected and close to each other ,B) closing a key (CHI) for a determined period of time;C) actuating a memory circuit (25); D)opening the key (CHI).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003

(21) Application No.277/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR EXTRACTION OF AVOCADO (PERSEA AMERICANA) OIL

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SAKINA KHATOON

No of Pages : 21
No of Claims : 4

(57) Abstract :
The present invention relates to a process for extraction of avocado oil. The invention is aimed at extracting avocado oil without deteriorating oil quality. The fruit is native to Central America. Avocado plant thrive its best in the sub-tropical and tropical region. The fruit is grown in the southern part of India.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003
(21) Application No.278/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCING HARD FERRITE FROM PLASMA HEAT AFFECTED BLUE DUST IRON ORE

(51) International classification :H01F 1/113
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BISHNU CHARANARABINDA MOHANTY
3)JAYARAM LAXMAN GUMASTE
4)BHABANI SANKAR ACHARYA
5)SWAPAN KUMAR MUKHERJEE
6)NARMADESHWAR PRASAD

No of Pages : 10
No of Claims : 12

(57) Abstract :
Magnetic hard ferrite with relatively high coercivity and energy product has been prepared from blue dust iron ore being improved in purity by plasma heat affection. The powdery blue dust ore containing 0.9-1.2 % SiO2, 0.2-0.6 % A12O3, 0.01-0.06% S and 0.01-0.04% P (all in wt%) was allowed to pass through the flame of an arc plasma operating at the following arc condition: Voltage 40-70 DC, Current 100-350A. Argon was used as the plasma forming gas and its flow rate was maintained at 3-4 litres per minute. While argon was introduced into the arc zone through the axial hole of the vertically disposed graphite cathode, blue dust was let in to the plasma flame by gravity flow through an alumina tube, the upper end of which was provided with a funnel. The temperature of the plasma arc was in the range 10,000-15,000Â°C. A number of experiments were performed using a charge of 250-500g blue dust iron ore into the plasma reactor at three levels 5,12 and 21 kW of power input into the reactor. Best recovery of blue dust after plasma heat affection was found to be 80% (wt.) at the power input of 5 kW. The plasma heat treated powder was leached with HF and then wet mixed with BaCO3 in the weight ratio 6:1 in a vibro energy mill to reduce the particle size to 0.2-0.3 micron. The mix was then partially dried, compacted to pellets under a uniaxial pressure of 5-10 x 106 kg/m2 completely dried and sintered at 1150-1300°C for 1 hour. The dried pellets were magnetised in the variable field of a DC electromagnet of 1.5 Tesla strength. The magnetic energy product (BH)max for the pellets were determined and was found in the range 1.9-2.84 KTA-1.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003
(21) Application No.279/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCING IRON CARBIDE FROM IRON ORE SLIME IN THERMAL PLASMA

(51) International classification	:C01B 31/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 15
No of Claims : 8

(57) Abstract :
A process has been developed to prepare iron carbide (Fe3C) with 97 wt% purity from iron ore slime. DC extended arc thermal plasma was employed to carry out the reduction and carburization reaction in the temperature range 1200-1600Â°C. The process takes 10-20 minutes time to complete the reaction in kg scale of operation which is significantly less compared to few hours taken by conventional fluidized bed process. From x-ray diffraction it was identified that the compound phase impurities present in the product were FeC, Fe2C, FesC2 (maxm. 2 wt% in total) and Fe2O3 (maxm. 1 wt%). Chemical analysis showed the critical elements to exist in the following range : C 6-9 wt%, S

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007
(21) Application No.28/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR DETERMINING THE ROTATION FREQUENCY OF AN OPTICAL RECORDING MEDIUM"

(51) International classification :G11B 19/28
(31) Priority Document No :04018061.4
(32) Priority Date :30/07/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/053408
Filing Date :15/07/2005
(87) International Publication No :WO 2006/010716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 11
No of Claims : 6

(57) Abstract :
The present invention relates to a method for determining the rotation frequency (f) of an optical recording medium (6) driven at a constant linear velocity (v), and to an apparatus (4) for reading from and/or writing to optical recording media (6) using this method. According to the invention, the method includes the steps of: - determining (1) the number (N) of tracks relative to a reference position on the optical recording medium (6) based on the current subcode or sector information; and - calculating (3) an approximate value for the rotation frequency (f) from the determined number (N) of tracks.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003
(21) Application No.280/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL PROCESS FOR TOTAL TIME AND SULFIDE FREE UNHAIRING IN SKINS OR HIDES USING ANIMAL AND /OR PLANT ENZYMES

(51) International classification	:C14B 1/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 21

(57) Abstract :
The present invention relates to a novel process for total lime and sulfide free unhairing in skins/hides using animal and/or herbal (plant) enzymes said process comprising presoaking skin or hide in water for 2 - 6 hours, pasting enzyme solution of animal or plant origin on the flesh or grain side of the skins/hides and left for 10 - 24 h at a temperature ranging from 10°C to 60°C, removing the soaking liquor, transferring the hides/skins to a bath of water containing 1 to 15% of enzyme for unhairing with or without intermittent shaking maintaining the pH of the bath liquor at 4.5 - 10.0 and the skins/hides are left in this bath for 12 -24 h at ambient temperature and then unhaired for further processing. The total elimination of lime and sulfide in the unhairing process leads to reduced TDS (total dissolved solids), BOD (biological oxygen demand) and COD (chemical oxygen demand) in the effluent without affecting the collagen of the skin/hide or the grain pattern.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2005

(21) Application No.2808/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN APARATUS FOR TRANSPORT OF PARTICULATE MATERIAL"

(51) International classification :B29C 31/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2777/DEL/1996
Filed on :11/12/1996

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No of Pages : 21
No of Claims : 3

(57) Abstract :
A system for transporting particulate material uses a combination of non-mechanical valves and pneumatic and gravity transport to reduce breakage of particulate material. This system is particularly useful for the conveyance of catalyst particles where a lift conduit raises the particles from a low elevation to a relatively higher elevation such as in a moving-bed process for catalytic reforming. A particular advantage of the arrangement is the elimination of pneumatic conveyance through elbows to reduce pressure drop and eliminate churning of catalyst particles. The elbows are replaced with an impactless flow diverter that uses gravity assisted conveyance to eliminate or minimize the attrition resulting from pneumatic conveyance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2000
(21) Application No.281/DEL/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF A PERFORATED ADDITIVE LINER FOR REDUCING GUN WEAR"

(51) International classification	:F4 2 B5/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 5

(57) Abstract :
This invention relates to a process for the preparation of a perforated additive liner for use with combustible cartridge cases for reducing gun wear. According to the process a talc-wax mixture is prepared by mixing powdered talc (hydrated magnesium silicate), wax mixture and stearyl alcohol. The talc-wax mixture is coated on gauge cloth and the additive liner is perforated.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003

(21) Application No.281/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE DEHULLING OF NIGER (GUIZOTIA ABYSSINICA, CASS) SEEDS"

(51) International classification	:A23N 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 3

(57) Abstract :
A process for dehulling the Niger seed which comprises the steps of cleaning, grading, de-stoning and cooking the seeds in at optimum concentration. The hulls were separated by isopycnic method and drying to obtain dehulled seeds rich in oil and protein. The dehulled seeds were expeller pressed to obtain light coloured oil and cake. The defatted meal prepared from cake has high protein and low in fiber. The physicochemical and fattyacid composition of the oil is not changed. The flour has retained all the essential amino acids and the nutritional characteristics were improved in the dehulled flour. The process inactivates the trypsin inhibitor activity to not detectable level. 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2003
(21) Application No.283/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE RECOVERY OF METAL VALUES FROM MONGANESE NODULE AND NICKEL SULFIDE CONCERTRATE MIXTURE.

(51) International classification	:C22B 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 7
No of Claims : 3

(57) Abstract :
This invention particularly relates to a process for the recovery of nickel, copper, cobalt, manganese and other metals as their chlorides from deep-sea manganese nodule and nickel from nickel sulflde concentrate through leaching in hydrochloric acid medium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2004
(21) Application No.2934/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CERAMIC MIXTURE HAVING NEGATIVE TEMPERATURE CO-EFFICIENT, A THERMISTOR CONTAINING THE CERAMIC MIXTURE AND A PROCESS FOR PREPARING THEREOF

(51) International classification	:H01 B1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14
No of Claims : 39

(57) Abstract :
A ceramic mixture composition having negative temperature coefficient of resistance (NTC), the said composition comprising about 95.0 wt. % of tetragonal form of Mn3O4and about 5.0 wt. % of La2O3, the said ceramic mixture is mixed with steric acid and wax, compacted and provided with two electrodes disposed from each other to form a thermistor having resistance of the order of mega ohm at a temperature of 25°C and the resistance of the thermistor drops by almost 40% with every 20°C rise in temperature and stabilizes to 250Â± 50 ohms at a temperature range of 330°C Â± 6%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2004
(21) Application No.2937/DELNP/2004 A
(43) Publication Date : 27/04/2007

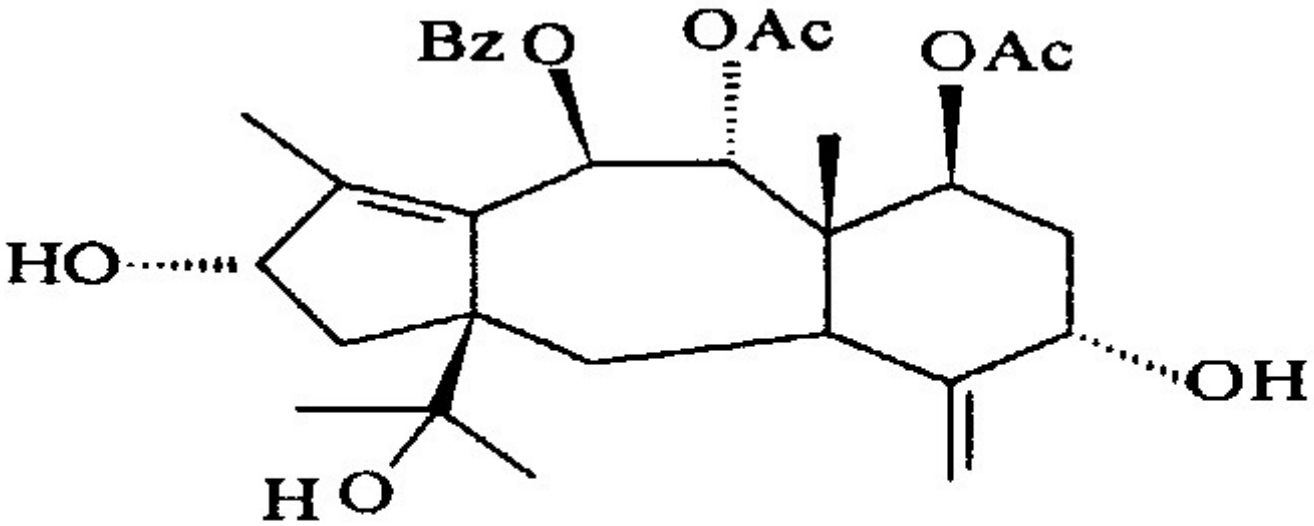
(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING BREVIFOLIOL FOR USE IN CHEMOTHERAPEUTIC TREATMENT OF HUMAN BEINGS

(51) International classification	:A61K 31/235
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	PCT/IB2002/005399
Filing Date	:16/12/2002
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)SUNIL KUMAR CHATTOPADHYAY
6)SACHIN SRIVASTAVA
7)ARVIND SING NEGI

No of Pages : 14
No of Claims : 11

(57) Abstract :
The present invention relates to the bioactivity of taxanes isolated from the leaves of Himalayan Yew tree Taxus wallichiana against human cancer cell lines grown in-vitro and subsequent identification of brevifoliol [1] as anticancer agent useful in the treatment of various types of cancer in humans.



(1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2004

(21) Application No.2939/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A HERBAL SOFT DRINK

(51) International classification :A23L 2/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB02/05555
Filing Date :20/12/2002
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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10)KAKKAR POONAM
11)ANAND MOHINI

No of Pages : 18

No of Claims : 19

(57) Abstract :
The invention provides a novel herbal soft drink comprising decoction of plants selected from Phyllanthus sps., Glycyrrhiza glabra, Vitis vinifera, Withania somnifera, Boerhaavia diffusa, Tinospora cordifolia, Elettaria cardamomum and Cinnomomum sps. for the protection of liver disorders in particular along with more antioxidant, immunoenhancing, gastrointestinal compatibility, diuretic, nervine relaxant and cardio-tonic properties and a process for preparing the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2005
(21) Application No.2984/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MACROLIDES

(51) International classification :CO7 H 17/00
(31) Priority Document No :PA200201957
(32) Priority Date :20/12/2002
(33) Name of priority country :Denmark
(86) International Application No :PCT/GB2003/005659
Filing Date :22/12/2003
(87) International Publication No :WO2004/056843
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 118
No of Claims : 10

(57) Abstract :
The application provides antibiotic 10-substituted 10-desmethyl macrolides. In a preferred embodiment the macrolides have an erythromycin basic structure according the formula, wherein the variable substituents have the meaning indicated in the description.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2003

(21) Application No.303/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF SWEET PRESERVES FROM FRUITS AND VEGETABLES"

(51) International classification	:A23B 7/005
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 5

(57) Abstract :
A method for stabilizing rabeprazole with low viscosity hydroxypropylcellulose and antioxidant, and pharmaceutical compositions thereof is disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2004
(21) Application No.3179/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS FOR PULSING A METERED STREAM OF PARTICULAR MATERIAL IN A CARRIER MEANS AND METHOD THEREOF

(51) International classification :B05B 12/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2003/016373
Filing Date :23/05/2003
(87) International Publication No :WO 2003/101622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)STOELZEL CLAUS PETER
8)LANKHOF JOHN PETER

No of Pages : 16
No of Claims : 4

(57) Abstract :
The present invention is a method of and an apparatus for creating a pulsed stream of particles in a carrier means, such as air. A pre-metered stream of particles is accumulated in a pulsing chamber of a pulsing means by interrupting the stream of particles by a separator means, which interrupts the flow for a certain portion of the pulse period. The accumulated particles are the removed from the pulsing means by suction, such as by using ejector ejectors.The invention is further directed to a kit or pack of individual absorbent articles which can be produced using the method and the apparatus.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2005
(21) Application No.3183/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AMPLITUDE MASK, AND APPARATUS AND METHOD OF MANUFACTURING LONG PERIOD GRATING FILTER USING THE SAME"

(51) International classification :G02B 5/18
(31) Priority Document No :97-66751
(32) Priority Date :08/12/1997
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :06/06/2000
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JANG, JOO-NYUNG

No of Pages : 9
No of Claims : 5

(57) Abstract :
An amplitude mask, and an apparatus and method for manufacturing a long period grating filter using the same, are provided. When a long period grating is manufactured by selectively passing laser light to an optical fiber, the amplitude mask periodically passes laser light to the optical fiber. The amplitude mask includes two masks (300) having periodically alternating pass areas (308) for passing the laser light and nonpass areas for preventing passing of the laser light, wherein the two masks (300) are continuously rotated in opposite directions. The period of the pass areas (308) thus continuously changes. In this mask, two masks (300) each having a predetermined period are rotated in opposite directions, to thus provide an amplitude mask period depending on the angle of rotation ( ). Thus, the period of the amplitude mask can be continuously changed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.32/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHENYL-SUBSTITUTED [1,2]-OXAZINE-3,5-DIONE AND DIHYDROPYRONE DERIVATIVES"

(51) International classification :C07D 265/02
(31) Priority Document No :10 2004 032 421.2
(32) Priority Date :05/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/006740
Filing Date :22/06/2005
(87) International Publication No :WO 2006/002810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)MARK WILHELM DREWES
7)DIETER FEUCHT
8)JORG KONZE
9)PETER LOSEL
10)OLGA MALSAM
11)KARL-HEINZ KUCK
12)ULRIKE WACHENDORFF-NEUMANN
13)ALFRED ANGERMANN
14)WALTRAUD HEMPEL
15)MARTIN JEFFREY HILLS
16)HEINZ, KEHNE
17)ERICH SANWALD
18)CHRISTIAN AULER
19)THOMAS AULER

No of Pages : 122
No of Claims : 17

(57) Abstract :
The present invention relates to new phenyl-substituted [l,2]-oxazine-3,5-dione derivatives and dihydropyrone derivatives of the formula (I) in which A, B, U, V, W, X, Y and Z have the definition indicated above, to a number of processes for preparing them and to their use as microbicides and/or pesticides and/or herbicides.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2005

(21) Application No.3239/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOUND OF GENERAL FORMULA (I) OR ONE ITS SALTS WITH A BASE OR AN ACID"

(51) International classification : C07D 487/08
(31) Priority Document No :00/10121
(32) Priority Date :01/08/2000
(33) Name of priority country :France
(86) International Application No :PCT/FR01/02418
Filing Date :28/07/2001
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :00268/DELNP/2003
Filed on :28/02/2003

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2)JOZSEF ASZODI
3)DAVID ALAN ROWLANDS
4)CLAUDE FROMENTIN

No of Pages : 142
No of Claims : 15

(57) Abstract :
The invention relates to new heterocyclic compounds, their preparation and their use as medicaments, in particular as anti-bacterial agents

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.33/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MEDIUM TO DISPARATE MEDIUM HOPPING MESH NETWORK"

(51) International classification :H04L 29/04
(31) Priority Document No :60/585,557
(32) Priority Date :02/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/004168
Filing Date :01/07/2005
(87) International Publication No :WO 2006/123201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PETER EL CHOW KWAN
3)SOORYA KULOOR

No of Pages : 27
No of Claims : 27

(57) Abstract :
A hopping mesh network is described that employs two or more disparate media to connect multiple intelligent devices into a network capable of passing high-speed data. Each intelligent device is able to select the most appropriate media based on the data to be used to transmit the media, and may switch data between disparate media as necessary during the transmission of the data. Each media is configured to contain multiple channels which are also used by the intelligent devices to transmit data on the network. A generic, protocol-neutral wrapper can also be sused in the hopping mesh network to allaw transmission of multiple protocols without the need for conversion between protocols.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2004
(21) Application No.3364/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR OPTIMIZING POWER RESOURCES IN WIRELESS DEVICES"

(51) International classification :H04Q 7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2003/013234
Filing Date :29/04/2003
(87) International Publication No :WO 2003/094406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 11

(57) Abstract :
A method and system is disclosed for a device to quickly determine if data is being sent to it. If no data is being sent to the device, the device may return to a sleep mode so as to conserve energy. The present invention includes organizing and transmitting, one at a time, all device destination identifiers (14). If a message listing (10) search indicates that no message is being sent for a device, the device can continue with any other activity that needs servicing, or if no other activity is pending, it may shut down to conserve power until the next wake up period arrives. If the search returns a positive indication, q the count value (12) when the identifier is found can be used to determine the location of the pointer (16) to the message.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.338/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING DILTIAZEM USING A HETEROGENEOUS TRIFUNTIONAL CATALYST

(51) International classification	:A61K 31/55
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)MADHI SATEESH
4)MANNEPALLI LAKSHMI KANTAM

No of Pages : 14
No of Claims : 18

(57) Abstract :
The present invention comprises a simplified synthesis of (+)-diltiazem through IE-PdOsW wherein IE is ion-exchanger, catalyzed three-component coupling reaction and Fe3+-exchanged clay catalyzed ring opening of sulfite with 2-aminothiopheno! Followed by cyclization as key steps.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.339/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING PYRIDINIUM FLUOROCHROMATE (VI)

(51) International classification	:C07D 401/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)JAYASHREE NATH

No of Pages : 9
No of Claims : 10

(57) Abstract :
The present invention relates to a novel, economic and environmentally clean process for pyridinium salt of fluorotrioxo-chromate (VI), PFC, having the chemical formula C5H5NH[CrO3F], by direct reaction of stoichiometric amounts of hydrofluoric acid, chromium trioxide and pyridine demonstrating approximately 100% atom economy.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/01/2003

(21) Application No.34/DEL/2003 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE MANUFACTURE OF A NOVEL CERMET ANODE USEFUL FOR ECO-FRIENDLY ELECTROLYTIC EXTRACTION OF METALS FROM FUSED SALTS

(51) International classification	:C25C 1/00	(71)**Name of Applicant :** **1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** Address of Applicant :RAFI MARG, NEW DELHI-110 001,INDIA Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)CHANASSERY OUSO AUGUSTIN**
Filing Date	:NA	**2)LAWRENCE JOHN BERCHMANS**
(87) International Publication No	:NA	**3)MEENAKSHI SUNDARAM RAGHAVAN**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 7

(57) Abstract :

In the present invention there is provided a process for the manufacture of a novel cermet anode useful for eco-friendly electrolytic extraction of metals, such as aluminum, from fused salts. The process provides a novel cermet anode which consists of compositions of mixed oxides of transition and rare earth metals in combination with metal powders, without any binders, and is amenable to high-pressure compacting and high temperature sintering methods. The novel cermet anode manufactured by the process of the present invention is thermally stable at 1000Â° C, is chemically inert and non-consumable in a cryolite melt and does not contaminate the cathode product, has low and high anodic over voltages for oxygen and fluorine evolution, respectively, and is dense and resistant to oxidation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.34/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE MULTIPLE SHEET DETECTOR APPARATUS AND METHOD"

(51) International classification	:G06F 17/60
(31) Priority Document No	:60/585,303
(32) Priority Date	:01/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023154
Filing Date	:30/06/2005
(87) International Publication No	:WO 2006/007513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)EDWARD L. LASKOWSKI

No of Pages : 88
No of Claims : 85

(57) Abstract :
A detector for a deposit accepting apparatus of an automated banking machine or for another sheeting handling system is provided. The detector includes an ultrasonic transmitter driven by a driving signal operative to cause the ultrasonic transmitter to transmit an ultrasonic sound signal through a sheet pathway of the detector. The detector also includes an ultrasonic receiver operative to generate a receiver signal responsive to the ultrasonic sound signal. The detector further includes first and second correlation filters. The first and second correlation filters are operative to generate first and second outputs responsive to the receiver signal. At least one processor is operative responsive to the first and second outputs of the correlation filters to determine information associated with changes in phase of the ultrasonic sound signal and to distinguish between single and multiple sheets in the pathway responsive to the information associated with changes in phase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2006

(21) Application No.3404/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TIME SYNCHRONIZING DEVICE AND PROCESS AND ASSOCIATED PRODUCTS"

(51) International classification :H04J 3/06
(31) Priority Document No :04447003.7
(32) Priority Date :09/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/050002
Filing Date :03/01/2005
(87) International Publication No :WO 2005/069521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DIRK VAN DE POEL

No of Pages : 24
No of Claims : 11

(57) Abstract :
The present invention concerns a time synchronizing device (1) and process, and a local gateway comprising that device. The time synchronizing device synchronizes a router arranged between two communication networks. It comprises intercepting means (13) of a message (MSG) coming from an apparatus of a source network for that message, having a specific time clock, and directed to a target network for that message, preparing means (14) of a time request (RQ) able to be executed in that apparatus so as to cause synchronizing data (SYNC) based on that specific clock to be obtained from that apparatus and to be transmitted back to the synchronizing device, sending means (15) of the time request to the apparatus, forwarding means (16) of the intercepted message to the target network after the preparing means have prepared the time request, receiving means (11) of the synchronizing data, and exploiting means (12) of those data to synchronize a local time clock (CLO) used by the router with respect to that specific time clock. Application to home networks.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2006
(21) Application No.3405/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PREGABALIN COMPOSITION"

(51) International classification :A61K 31/197
(31) Priority Document No :03029117.3
(32) Priority Date :18/12/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/004029
Filing Date :06/12/2004
(87) International Publication No :WO 2005/063229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 15

(57) Abstract :
A chemically and physically stable, orally administrable aqueous pharmaceutical composition containing pregabalin is described. The liquid composition includes at least one preservative, at least one taste-masking agent, and an optional viscosity control agent. The liquid pharmaceutical composition has a pH of at least 5.5 but not greater than 7.0.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2006

(21) Application No.3406/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTI-CD52 ANTIBODY TREATMENT FOR DIABETES"

(51) International classification :A61K 39/395
(31) Priority Document No :60/532,059
(32) Priority Date :22/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/043142
Filing Date :22/12/2004
(87) International Publication No :WO 2005/062893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 9
No of Claims : 6

(57) Abstract :
The present invention provides for the prevention and/or treatment of Type 1diabetes mellitus with CD52 specific antibodies, e.g. CAMPATM-1H.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2006

(21) Application No.3407/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REGENERATIVE REMOVAL OF TRACE CARBON MONOXIDE"

(51) International classification :C07C 7/13
(31) Priority Document No :10/741,739
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042305
Filing Date :16/12/2004
(87) International Publication No :WO 2005/061421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HENRY RASTELLI

No of Pages : 31
No of Claims : 12

(57) Abstract :
By the present invention, a process is provided to use a modified clinoptilolite adsorbent suitable for the separation of carbon monoxide from hydrogen and hydrocarbon streams without adsorbing hydrocarbons such as paraffins and olefins. In typical applications in platforming units within refineries, these hydrogen streams contain from 5 to 20 parts per million of carbon monoxide. In other applications the level of carbon monoxide may be higher. The separation of carbon monoxide from the hydrogen stream is achieved by using a clinoptilolite molecular sieve that has been ion-exchanged with at least one cation selected from lithium, sodium, potassium, calcium, barium, and magnesium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2006

(21) Application No.3408/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF INTERFERING RNA IN THE PRODUCTION OF TRANSGENIC ANIMALS"

(51) International classification :C12N 15/09
(31) Priority Document No :60/523,938
(32) Priority Date :21/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/039191
Filing Date :22/11/2004
(87) International Publication No :WO 2005/081714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 151
No of Claims : 47

(57) Abstract :
The invention provides cells and animals, as well as methods of producing cells and animals, that express at least one interfering RNA molecule to regulate the expression of a specific gene or family of genes. The invention further provides novel iRNA molecules, as well as DMA templates for producing iRNA molecules.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.342/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NOVEL HETEROBIFUNCTIONAL CROSSLINKING REAGENTS SUITABLE FOR ATTACHING BIOMOLECULES ON TO THE UNMODIFIED GLASS SURFACES

(51) International classification	:G01N 33/547
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PRADEEP KUMAR

No of Pages : 11
No of Claims : 8

(57) Abstract :
The present invention relates to novel heterobifunctional crosslinking reagents suitable for attaching biomolecules on to the unmodified glass surfaces. The invention also relates to their use as crosslinking reagents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003

(21) Application No.343/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR MAKING CRUST LEATHER FOR TRANSFER COAT FINISHING

(51) International classification	:C14C 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SAMAYAVARAM RAMALINGAM
4)PERIASWAMY MUTHULINGAM
5)NATESAN SAMIVELU
6)THIRUMALACHARI RAMASAMI
7)KOPPARTY JAGANNATH RAO

No of Pages : 11
No of Claims : 8

(57) Abstract :
A process for making crust for transfer coat finishing is disclosed whereby tanned leather is treated with selected amino resins either individually or in combination with selected condensation product of phenol and phenyl sulfones in the wet processing of leather, which is subsequently subjected to wet buffing operation to ensure preparation of suitable surface for transfer coat finishing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2002
(21) Application No.344/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF PREBIOTIC BREAD SPREAD

(51) International classification :A23D 7/015
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARIYARATH THONDRE SANGEETHA
3)MYSORE NAGARAJA RAO RAMESH

No of Pages : 10
No of Claims : 3

(57) Abstract :
The present invention relates to a process for the preparation of prebiotic bread spread. The process uses FOS produced using extracellular fructosyl transferase from Aspergillus oryzae CFR 202. The process involves optimization of parameters to obtain desirable product. The product contains 50% FOS with functional properties including prebiotic attributes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.346/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ANTIOXIDANTS FROM GARCINIA

(51) International classification	:C09K 15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BHABANI SANKAR JENA
3)MANDYAM CHAKRAVARATHY VARADARAJ

No of Pages : 10
No of Claims : 3

(57) Abstract :
The present invention relates to a process for the preparation of antioxidants from Garcinia. Overproduction of oxidants in certain conditions can cause an imbalance, leading to oxidative damage to large biomolecules such as lipids, DMA, and proteins. The consequences of such extensive damages are involved in the development of various degenerative disease states like atherosclerosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.347/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CHICKEN NUGGETS

(51) International classification	:A23B 4/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)VINOD KUMAR MODI
2)NARASIMHA RAO DITTAKAVI

No of Pages : 21
No of Claims : 4

(57) Abstract :
Chicken nuggets were prepared by shaping the meat dough made by mixing cooked smoked chicken meat, uncooked smoked meat, common salt, binders, fat, garam masala. Chicken nuggets were packed in polyethylene pouches and stored under frozen condition. The chicken nuggets showed improved quality characteristics and retained quality during frozen storage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003
(21) Application No.348/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PRODUCTION OF ALKANESULFONIC ACID

(51) International classification	:C07C 303/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KOTTAPALLI KOTESWARA RAO
3)KOOSAM MEHENDAR

No of Pages : 9
No of Claims : 13

(57) Abstract :
The present invention relates to a process for the production of alkanesulfonic acid. More particularly, the present invention relates to a process for the production of alkanesulfonic acid from alkyl mercaptan effluents generated in chemical industries The process of the invention comprises the oxidation of the entire alkyl mercaptan generated as an effluent in the chemical industries to serve two concomitant purposes: (1) complete removal of obnoxious odour, and (2) value addition by the production of alkanesulfonic acids selectively in quantitative yields.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2002

(21) Application No.349/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF BINDER FORMULATION USEFUL FOR THE PREPARATION OF AGGLOMERATED FLAVOURED TEA.

(51) International classification	:A23L 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)KADIMI UDAYA SANKAR
4)BALARAMAN MANOHAR

No of Pages : 13
No of Claims : 5

(57) Abstract :
The present invention relates to a process for the preparation of binder formulation useful for the preparation of agglomerated flavoured tea.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2003

(21) Application No.349/DEL/2003 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "A BACTERIAL STRAIN MTCC 5098 AND A METHOD OF REDUCING TOTAL DISSOLVED SOLIDS (TDS) FROM PULP AND PAPER WASTEWATER EFFLUENTS USING THE SAID STRAIN."

(51) International classification	:B01D 61/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MS. DEEPA KACHROO
3)MS. POONAM SHARMA

No of Pages : 19

No of Claims : 11

(57) Abstract :
The present invention relates to a bacterial strain of accession number MTCC 5098 useful for reducing the Total dissolved solids (TDS) levels from pulp and paper waste water effluents, and a process for the preparation of inoculum of the strain and also, a method of reducing Total dissolved solids (TDS) from pulp and paper waste water effluents using the said strain.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2002
(21) Application No.35/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "UTILIZATION UNUSED IO BLOCK FOR CORE LOGIC FUNCTIONS"

(51) International classification :**H03K19/177**
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAUSHIK RAJESH

No of Pages : 21
No of Claims : 16

(57) Abstract :
This invention provides a method and an improved FPGA apparatus for enabling the selective deployment of unused flip-flops or other circuit elements in IO cells and unused decoders or other circuit elements in Look Up Tables (LUT), for core logic functions, comprising disconnecting means for selectively disconnecting unused circuit elements from the IO pad circuitry or from said LUT circuitry, and connecting means for selectively connecting said disconnected circuit elements either to the connection matrix of the core logic or between themselves to provide independently configured functions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2003
(21) Application No.35/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN ECO-FRIENDLY ELECTROLYTIC PROCESS FOR THE PRODUCTION OF ALUMINUM"

(51) International classification	:C25C 3/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LAWRENCE JOHN BERCHMANS
3)MEENAKSHI SUNDARAM RAGHAVAN

No of Pages : 13
No of Claims : 11

(57) Abstract :
The present invention relates to an eco-friendly electrolytic process for the production of aluminum from fused salts such as alumina dissolved in cryolite melt. This eco-friendly electrolytic process for the production of aluminum involves single step electrolysis of alumina to give aluminum metal and pure oxygen gas, which can be concentrated and sold as a valuable co-product along with the primary product, that is aluminum metal. Presently aluminum is produced using consumable carbon anodes. Hitherto during the production of aluminum from alumina, green house gases such as carbon dioxide and carbon monoxide are evolved. The present invention mitigates this, by the use of cermet anode at which only pure oxygen is evolved. Thus the process is eco-friendly not only by the elimination of CO2 and CO during the electrolysis but also enhances the environmental hygiene by the addition of pure oxygen gas. The electrolysis can be carried out in closed electrolysers to give higher space time yield. The process of the invention enables the production of aluminum metal by a green process. The purity of the product is of the order of 99.4% at an average current efficiency of 85% and an energy consumption of 13.4 KwH per Kg of aluminum.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.35/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DIRECTIONAL DRIVE"

(51) International classification	:B65H 20/02
(31) Priority Document No	:A1133/2004
(32) Priority Date	:05/07/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2005/006837
Filing Date	:24/06/2005
(87) International Publication No	:WO 2006/002835
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)FRIEDRICH MOSER
3)WERNER RAB

No of Pages : 12
No of Claims : 8

(57) Abstract :
Directional drives are used, for example, upstream of strip coilers in rolling mills, so that the strip can be wound in a predetermined way, in that a desired strip tension and a lateral deviation of the strip can be set or regulated by means of a second roller 5 advanceable toward a first roller 6. The directional drive 1 according to the invention, then, has a particularly simple construction and can be activated with great accuracy, since the rockers 2, 3, in which the advanceable roller 5 is mounted, are arranged, mounted pivotably on a frame 12 separately from one another, and can thus be pivoted completely independently of one another.

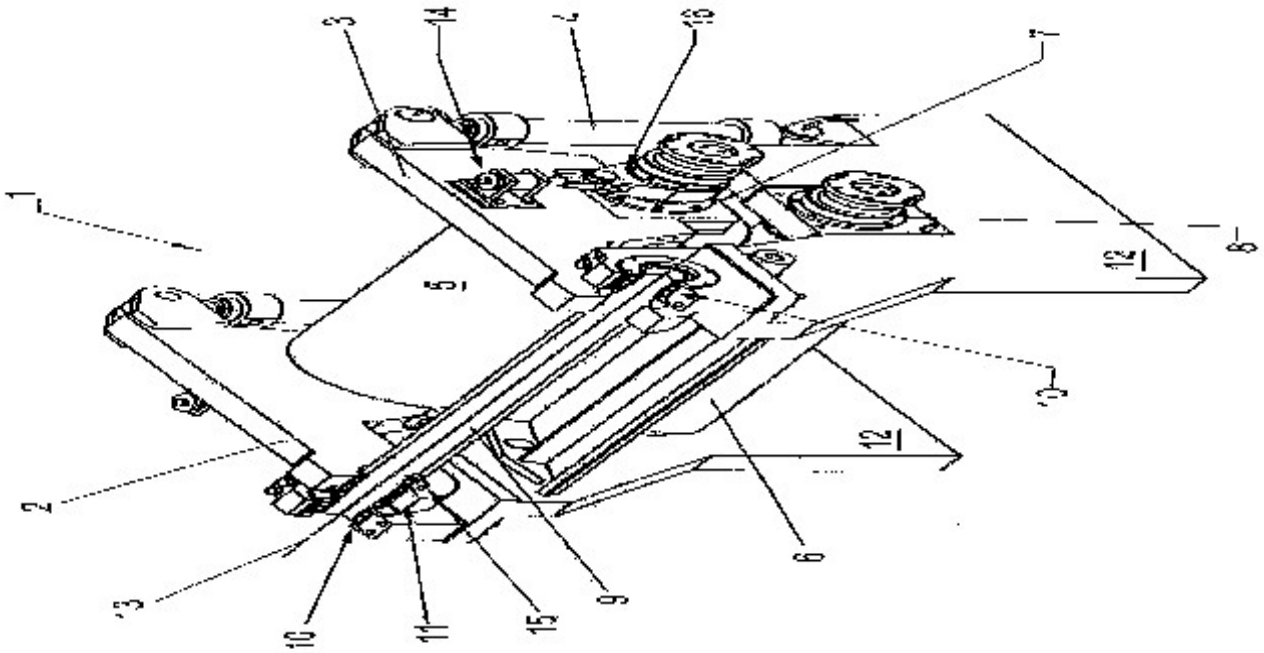


Fig. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2003

(21) Application No.350/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN AEROBIC OF REMOVING TOTAL DISSOLVED SOLIDS (TDS) FROM TANNERY WASTEWATERS"

(51) International classification	:C02F 1/40
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 20

No of Claims : 16

(57) Abstract :
The present invention relates to a bacterial strain of accession No MTCC 5097 useful for reducing the Total dissolved solids (TDS) levels from both raw as well as electrofloated tannery effluents, a process of preparing inoculum of the strain for reducing the Total dissolved solids (TDS) levels from both raw as well as electrofloated tannery effluents and an aerobic method of reducing Total Dissolved Solids (TDS) from Tannery effluents using the said strain.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2002
(21) Application No.353/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF ALUMINUM NITRIDE POWDER

(51) International classification	:C01B 21/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)HIMADRI SEKHAR MAITI

No of Pages : 16
No of Claims : 7

(57) Abstract :
The invention provides a process for synthesis of aluminum nitride powder by a novei means of nitriding a shell of aluminum bearing species on the core of carbon particles at overpressures of nitrogen. The process is accomplished by depositing aluminum salt on nano-sized carbon particles followed by calcination of the aluminum salt and subsequent nitridation and decarbonisation of the product. It produces highly pure aluminium nitride material in the form of whiskers and particulates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2002

(21) Application No.354/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR DIFFUSION SOLDERING

(51) International classification	:B23K 31/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)ENG. SILVANA SOMMADOSSI

No of Pages : 9
No of Claims : 8

(57) Abstract :
This invention relates to a process of diffusion soldering which uses a metallic paste composition as an interlayer between the metals to be joined. This allows joining a wide spectrum of metals and / or metallic components of different size and shape in an environment friendly manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2002

(21) Application No.355/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL METALLIC PASTE COMPOSITION USEFUL AS AN INTERLAYER IN DIFFUSION SOLDERING.

(51) International classification :C22C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 4

(57) Abstract :
This invention relates to a novel metallic paste composition useful as an interlayer in diffusion soldering. The novel metallic paste composition consists of a first metallic element which is in liquid state at room temperature, a second metallic element in powder form which can form an intermetallic compound with atleast one of the metals to be joined and a third metallic element in powder form which can form an intermetallic compound with the metal with which the second metallic element powder does not form an intermetallic compound. This enables fabrication of metal joints for a wide spectrum of metals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.36/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PRESSURE-MEDIUM CYLINER WITH PRESSURE INTENSIFICATION"

(51) International classification :F15B 11/032
(31) Priority Document No :A 1123/2004
(32) Priority Date :02/07/2004
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2005/006476
Filing Date :16/06/2005
(87) International Publication No :WO 2006/002772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 15

(57) Abstract :
For many applications, high adjustment forces are required for pressure-medium cylinders. The dynamics of said cylinders are often impaired as a result of large piston cross-sections and cylinder volumes and/or the pressure medium has to be supplied at very high pressure. The invention relates to a pressure-medium cylinder offering short reaction times, high adjustment forces and a compact structure. This is achieved by virtue of the fact that two independently controllable cylinders (5,8) are arranged in the pressure-medium cylinder (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2005

(21) Application No.3630/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYNTHESIS OF QUETIAPINE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF"

(51) International classification :C07D 281/16
(31) Priority Document No :60/448,934
(32) Priority Date :22/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005448
Filing Date :23/02/2004
(87) International Publication No :WO 2004/076431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 32

(57) Abstract :
Provided are a novel synthesis of quetiapine, quetiapine made by such process and its acid addition salts, and pharmaceutical composition comprising quetiapine so mad, or its acid addition salts.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.369/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE EXTRACTION OF ZINC FROM SIKKIM ZINC CONCENTRATE USING THIOBACILLUS FERROOXIDANS

(51) International classification	:C12P 1/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GAUTAM ROY CHAUDHURY
4)CHANDRA KANTA PANI
5)LIPIKA PATNAIK

No of Pages : 8
No of Claims : 7

(57) Abstract :
A process for recovery of zinc and other minor metals from zinc concentrate was invented. The dissolution process takes place at room temperature, atmospheric pressure and lixivant containing 9K" medium along with acidophilic microorganisms. The zinc dissolution kinetics was faster compared to copper. Due to dissolution of pyrite, the acid consumption was less.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.37/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MOULDS WITH HIGH LIGHT DISPERSION AND HIGH LIGHT TRANSMISSION"

(51) International classification :C08K 3/36
(31) Priority Document No :102004036249.1
(32) Priority Date :26/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/007789
Filing Date :18/07/2005
(87) International Publication No :WO 2006/010518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RUDIGER GORNY
3)MARCO ROELOFS
4)JURGEN ROHNER
5)PETER SCHWARZ

No of Pages : 30
No of Claims : 10

(57) Abstract :
The invention relates to a composition consisting of a transparent thermoplastic, particularly polycarbonate, and a combination of silicon dioxide-based inorganic particles and acrylate-based polymer particles having a core-shell morphology. The invention also relates to molded bodies made from said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.371/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF LONG DECAY LUMINESCENT POWDER

(51) International classification	:C01F 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HARISH CHANDER
3)DIVI HARANATH
4)PRADEEP KUMAR GHOSH

No of Pages : 10
No of Claims : 14

(57) Abstract :
Phosphor powder with the basic composition comprising alkaline earth metal aluminate, an activator such as Eu and a co activator has been disclosed. The said phosphor has been synthesized by use of alkaline earth metal salt along with single phase alumina, an activator and a co-activator. The after glow decay was found to be more than 150 hours. The process uses a reducing agent in the form of carbon or an organic compound of carbon.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.372/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE EXTRACTION OF AROMATICS FROM PETROLEUM STREAMS.

(51) International classification	:C10G 21/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)BHAGAT RAM NAUTIYAL
4)DHARAM PAUL
5)BACHAN SINGH RAWAT
6)MADHUKAR ONKARNATH GARG
7)ALOK K SAXENA
8)PRADEEP KUMAR
9)GURU PRASAD

No of Pages : 13
No of Claims : 11

(57) Abstract :
The invention particularly relates to the extraction of aromatics from heavy naphtha, kerosene and gas oil range petroleum fractions with the aid of a suitable polar organic solvent and re-extracting the extract phase with a C6-C7 paraffinic solvent

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2006

(21) Application No.3741/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FIXING DEVICE FOR CLAMPING THE ENDS OF A SURGICAL CABLE USED FOR FIXING BONE PARTS

(51) International classification :A61B 17/04
(31) Priority Document No :04075278.4
(32) Priority Date :30/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/000935
Filing Date :27/01/2005
(87) International Publication No :WO 2005/074826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MARISSEN, ROELOF
2)NIELABA, LEONARD JOSEF ARNOLD
3)THEUNISSEN, WILLIBRORDUS MARIA EGIDIUS

No of Pages : 25
No of Claims : 20

(57) Abstract :
Fixing device, comprising a surgical cable (22) having a first and a second free end and at least three fixing plates (2, 4, 6) positioned in a stack as a top plate (6), a middle plate (4) and a bottom plate (2), leaving a gap (24, 26) between two adjacent plates, each fixing plate having a ring (14, 16, 18) surrounding a central hole (8, 10, 12), the rings having an inner edge adjacent to the hole and an outer edge along a circumference of the fixing plate, wherein the holes in the stacked position at least partly overlap each other thus forming a central hole in the stack, and wherein at least one working end of the cable follows a specified continuous trajectory containing sections running through the hole, around the outer edges and underneath, over and between the rings of the plates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.375/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF LITHIUM METAPHOSPHATE

(51) International classification	:C01B 25/445
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)THIAGARAJAN VASUDEVAN
3)RAMAIYER GANGADHARAN
4)M. RAGHAVAN

No of Pages : 12
No of Claims : 10

(57) Abstract :
The present invention provides a process for the preparation of lithium metaphosphate comprising reacting a lithium source and a phosphorous source in solid state to obtain lithium metaphosphate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2003
(21) Application No.375/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION USEFUL AS ANTI PEPTIC ULCER

(51) International classification :A61K 35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SAKDEB BANERJEE
4)SUCHANDRA GOSWAMI
5)SAMIR BHATTACHARYA
6)SUCHANDRA SETT

No of Pages : 20
No of Claims : 27

(57) Abstract :
The present invention relates to the use of the extract of Wood fordia fruticosa for the treatment of ulcer and related diseases

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/1998

(21) Application No.3756/DEL/1998 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TONICARD COMPOSITION"

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. JUGAL KISHORE
2)OM PRAKASH JAIN
3)DR. BEENA THOMAS

No of Pages : 14
No of Claims : 8

(57) Abstract :
This invention relates to Tonicard composition in Homoeopathy for use in palpitation, anxiety state, pain in the chest and to tone the heart muscles as a heart tonic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2006
(21) Application No.3793/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BAR-LIKE COSMETIC DELIVERING CONTAINER"

(51) International classification :A45D 40/00
(31) Priority Document No :2004-55534
(32) Priority Date :27/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002430
Filing Date :17/02/2005
(87) International Publication No :WO 2005/082202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FUMIKI HARANO
2)YOSHIYUKI MURATA

No of Pages : 12
No of Claims : 4

(57) Abstract :
The invention provides a container for feeding a stick-type cosmetic material, whose inside is made airtight, and which is capable of suppressing undesirable movement of the cosmetic material caused by negative pressure and preventing lipstick from contacting the inner surface of the cylindrical cover. The container for feeding a stick-type cosmetic material extends and retracts the cosmetic material by rotating the cylindrical holding member and the outer cylinder relative to each other. In the container, a hermetically-covering cylindrical member which fits to the outer cylinder is provided to the cylindrical cover to thereby seal the inside of the container. The container for feeding a stick-type cosmetic material thus configured prevents negative pressure from arising only in the cylindrical holding member when the cylindrical cover is removed to release the hermetically-covering cylindrical member, thus preventing lipstick from being lifted and suppressing undesirable movement of lipstick. The cylindrical cover and the outer cylinder are fitted to each other by the hermetically-covering cylindrical member. Therefore, when the cylindrical cover and the outer cylinder are rotated relative to each other, lipstick does not slide in the container and thus the lipstick does not contact the roof of the cylindrical cover.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.38/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYMER PRODUCTION AT SUPERCRITICAL CONDITIONS"

(51) International classification :G07F 17/00
(31) Priority Document No :60/586,465
(32) Priority Date :08/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024240
Filing Date :08/07/2005
(87) International Publication No :WO 2006/025949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PATRICK BRANT
2)FRANCIS C. RIX
3)GABOR KISS
4)ROBERT P. REYNOLDS

No of Pages : 169
No of Claims : 76

(57) Abstract :
This invention relates to a process to polymerize olefins comprising contacting, in a polymerization system, olefins having three or more carbon atoms with a catalyst compound, activator, optionally comonomer, and optionally diluent or solvent, at a temperature above the cloud point temperature of the polymerization system and a pressure no lower than 1 OMPa below the cloud point pressure of the polymerization system, where the polymerization system comprises any comonomer present, any diluent or solvent present, the polymer product, where the olefins having three or more carbon atoms are present at 40 weight % or more, wherein the metallocene catalyst compound is represented by the formula:

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2004

(21) Application No.3801/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN ANTIMICROBIAL AGENT"

(51) International classification :C07H 15/14
(31) Priority Document No :PS 2475
(32) Priority Date :22/05/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU03/000620
Filing Date :22/05/2003
(87) International Publication No :WO 2003/097657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GIFFITH UNIVERSITY
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1)VON ITZSTEIN, LAURENCE MARK
2)DAVIS, CHRISTOPHER BONNER
3)THOMSON, ROBIN JOY

No of Pages : 42
No of Claims : 23

(57) Abstract :
The present invention relates to novel thioglycosides of D-galactofuranose that have an antimicrobial action, methods for their synthesis, pharmaceutical compositions containing them and methods for the treatment of patients suffering microbial infection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.3803/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR TREATMENT OF HIV OR MALARIA USING COMBINATIONS OF CHLOROQUINE AND PROTEASE INHIBITORS"

(51) International classification :A61K
(31) Priority Document No :60/449,517
(32) Priority Date :21/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005122
Filing Date :20/02/2004
(87) International Publication No :WO 2005/027855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ANDREA SAVARINO

No of Pages : 34
No of Claims : 58

(57) Abstract :
The present invention relates to a drug combination capable of conferring therapeutic benefits in the treatment of both AIDS and malaria. In particular, it relates to a drug combination including at least one quinolinic antimalarial compound such as chloroquine or hydroxychloroquine, and at least one inhibitor of the Human Immunodeficiency Virus (HTV) protease enzyme. This drug combination is capable of inhibiting the replication of both HIV and Plasrnodium sp. It also relates to the direct antimalarial Effects of the HIV Pis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.3805/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR THE MANUFACTURE OF A PHARMACEUTICAL COMPOSITION IN THE FORM OF TABLETS CONTAINING A FIBRATE AND TABLETS OBTAINED ACCORDING TO THE METHOD'

(51) International classification :A61K
(31) Priority Document No :03/02520
(32) Priority Date :28/02/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/050090
Filing Date :27/02/2004
(87) International Publication No :WO 2004/078108
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JEROME BESSE

No of Pages : 50
No of Claims : 23

(57) Abstract :
A method for the manufacture of a pharmaceutical composition containing the active ingredient fenofibrate or one of its derivatives, optionally in combination with a second active ingredient, in the form of tablets, characterized in that it comprises a compression step of the active ingredient and percipients by means of a dry method of granulation

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.3809/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR GENERATING CODES IN A COMMUNICATION SYSTEM"

(51) International classification :
(31) Priority Document No :2001/8275
(32) Priority Date :13/02/2001
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR02/00203
Filing Date :26/08/2005
(87) International Publication No :WO 02/065647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/00975/DEL
Filed on :01/10/2002

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1)KIM, MIN-GOO
2)JANG, JAE-SUNG

No of Pages : 18
No of Claims : 8

(57) Abstract :
A QCTC (Quasi-Complementary Turbo code) generating apparatus having: a turbo encoder for generating an information symbol sequence and a plurality symbol sequences by encoding the information symbol sequence; a channel inter leaver for individually interleaving the symbol sequences, generating new parity symbol sequences by multiplexing the symbols of parity symbol sequences; and a QCTC generator for generating a sub-code with a given code rate by recursively selecting a predetermined number of symbols from the concatenated symbol sequence at a given starting position.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.3810/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTERLEAVER AND INTERLEAVING METHOD IN A COMMUNICATION SYSTEM"

(51) International classification :H03M 13/27
(31) Priority Document No :6890/2002
(32) Priority Date :06/02/2002
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR03/00261
Filing Date :06/02/2003
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1579/DELNP/2003
Filed on :01/10/2003

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1)HA, SANG-HYUCK
2)KIM, MIN-GOO

No of Pages : 22
No of Claims : 7

(57) Abstract :
P-BRO interleaver and a method for optimizing parameters according to an inter leaver size for the P-BRO inter leaver. The P-BRO interleaver sequentially, by columns, arranges an input data stream of size N in a matrix having 2m rows and (J-l) columns, and R rows in a Jth column, P-BRO interleaves the arranged data, and reads the interleaved data by rows.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2004

(21) Application No.3814/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CALCITONIN GENE RELATED PEPTIDE RECEPTOR ANTAGONISTS"

(51) International classification :C07D 487/14
(31) Priority Document No :60/386,138
(32) Priority Date :05/06/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/16576
Filing Date :27/05/2003
(87) International Publication No :WO 03/104236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)GENE M. DUBOWCHIK
7)XIAOJUN HAN
8)GEORGE N. KARAGEORGE
9)GUANGLIN LUO
10)JOHN E. MACOR
11)GRAHAM POINDEXTER
12)SHIKA VIG

No of Pages : 307
No of Claims : 36

(57) Abstract :
The presnt invention ... relates to compounds of Formula (I), as antagonists of calcitonin gene-related peptide receptors ("CGRP-receptor"), pharmaceutical compositions comprising them, methods for identifying them, methods of treatment using them and their use in therapy for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing associated with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD), and other conditions the treatment of which can be effected by the antagonism of CGRP-receptors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3821/DELNP/2006 A
(43) Publication Date : 27/04/2007

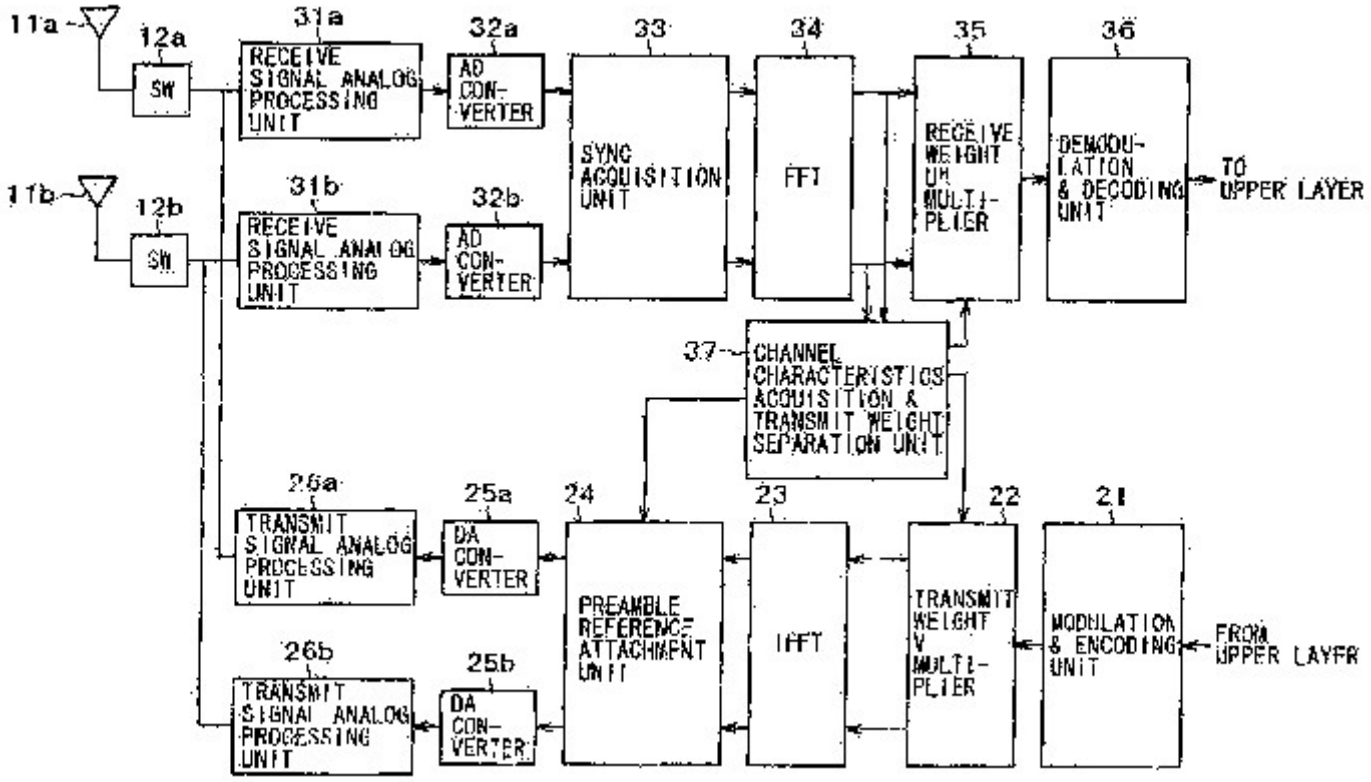
(54) Title of the invention : "SYSTEM, METHOD, APPARATUS AND COMPUTER PROGRAM FOR WIRELESS COMMUNICATION"

(51) International classification	:H04L 1/06
(31) Priority Document No	:P2004-140485
(32) Priority Date	:10/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/007746
Filing Date	:18/04/2005
(87) International Publication No	:WO2005/109721
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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No of Pages : 50
No of Claims : 11

(57) Abstract :
The disclosed invention implements SVD-MIMO communication efficiently with a less number of high-load calcuÂlation required for singular value decomposition (SVD) processing for a channel matrix. A receiver derives a channel matrix H from a reference signal from a transmitter and acquires downlink transmit weights V and receive weights UH by SVD of the channel matrix H. The receiver transmits a reference signal weighted with U* to the transmitter, where U* is a conjugate matrix for U as uplink transmit weights. The transmitter receives the reference signal weighted with U* and separates the signal into downlink transmit weights V and a diagonal matrix D, based on unitary matrix properties.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.3822/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR STORING INFORMATION IN DNA

(51) International classification :G06N 3/12
(31) Priority Document No :10/812839
(32) Priority Date :31/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB04/000975
Filing Date :31/03/2004
(87) International Publication No :WO 2004/088585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)AMOL P.BHONDEKAR
4)RAKESH KUMAR
5)RAM PRAKASH BAJPAI

No of Pages : 16
No of Claims : 21

(57) Abstract :
DNA is a natural molecular level storage device. Molecular storage devices use each molecule or part of it for storing a character. Thus it is possible to store information million of times than presently used storage devices. For example a JPEG image (i.e. flag of India) having file size of 1981 Bytes can be encrypted using 7924 DNA bases which occupies about 2694.16 nanometers. In other words flag of India can be encrypted 8.07x105 times in human genome which comprises 6.4x109 DNA bases and occupy a tiny volume of about 0.02 Âμm3. A method for storing information in DNA has been developed which includes software and a set of schemes to encrypt, store and decrypt information in terms of DNA bases. The main advantages of the present method over exiting art is that it addresses complete set of extended ASCII characters set and thereby, encryption of all kind of digital information (text, image, audio etc.). First of all, information is encrypted along with carefully designed sequences known as header and tail primers at both the ends of actual encrypted information. This encrypted sequence is then synthesized and mixed up with the enormous complex denatured DNA strands of genomic DNA of human or other organism.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3822/DELNP/2006 A
(43) Publication Date : 27/04/2007

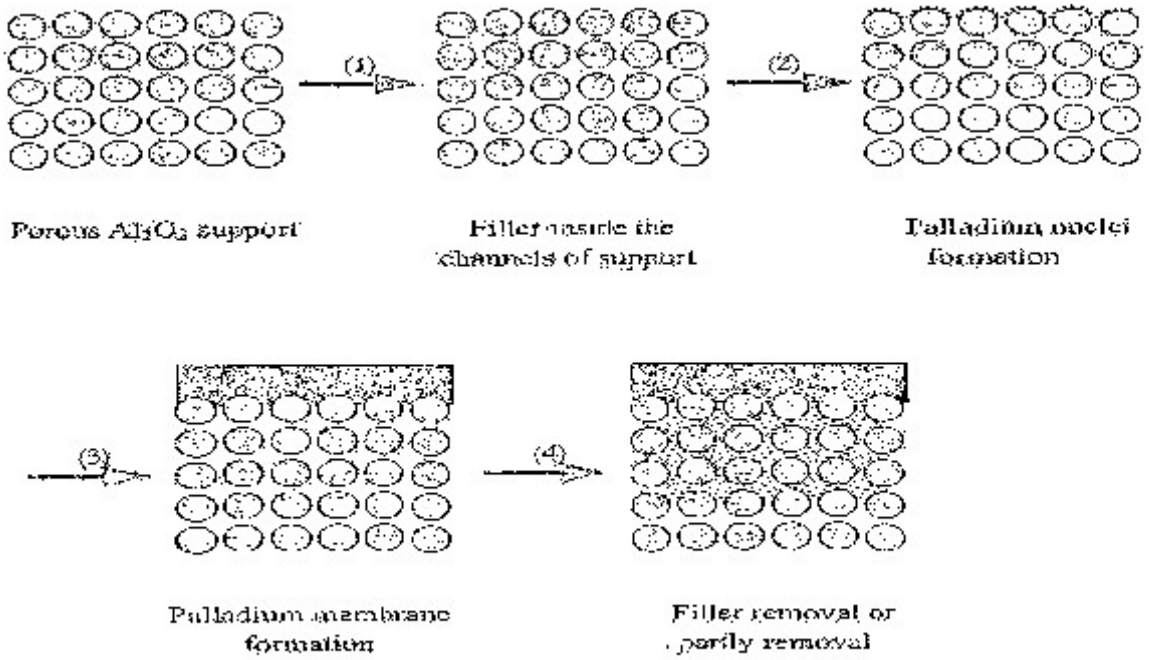
(54) Title of the invention : "A METAL PALLADIUM COMPOSITE MEMBRANE OR ALLOY PALLADIUM COMPOSITE MEMBRANE AND THEIR PREPARATION METHODS"

(51) International classification	:B01D 71/02
(31) Priority Document No	:200410021025.6
(32) Priority Date	:09/01/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/GB2005/000041
Filing Date	:07/01/2005
(87) International Publication No	:WO 2005/065806
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)WENZHAO LI
4)HENGYONG XU
5)LIXIANG YUAN

No of Pages : 19
No of Claims : 16

(57) Abstract :
The present invention relates to a metal palladium composite membrane or an alloy palladium composite membrane in which essentially the metal palladium membrane or alloy palladium membrane exists substantially on the outer surface of the porous substrate support, with little or no presence in the pore channels of the support, and to process for its preparation. The process comprises the steps of treating the porous substrate with a pore filler before plating it with a palladium solution to form the composite membrane.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3823/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH TEMPERATURE EXTERIOR BUILDING PRODUCTS"

(51) International classification	:B32B 27/30
(31) Priority Document No	:60/535,889
(32) Priority Date	:12/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000963
Filing Date	:12/01/2005
(87) International Publication No	:WO 2005/070670
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ROBERT E. DETTERMAN

No of Pages : 19
No of Claims : 37

(57) Abstract :
High temperature weather resistant exterior building product articles are disclosed. Articles, such as siding, siding trim, decking, fencing and roofing products are made with a CPVC layer and optionally an insulating layer attached to the CPVC layer. The products have a heat distortion temperature greater than 180Â°F and preferably greater than 205Â°F. The articles can be made in dark colors and have sufficient temperature resistance to withstand direct sunlight in warm climates as well as reflective heat.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3824/DELNP/2006 A
(43) Publication Date : 27/04/2007

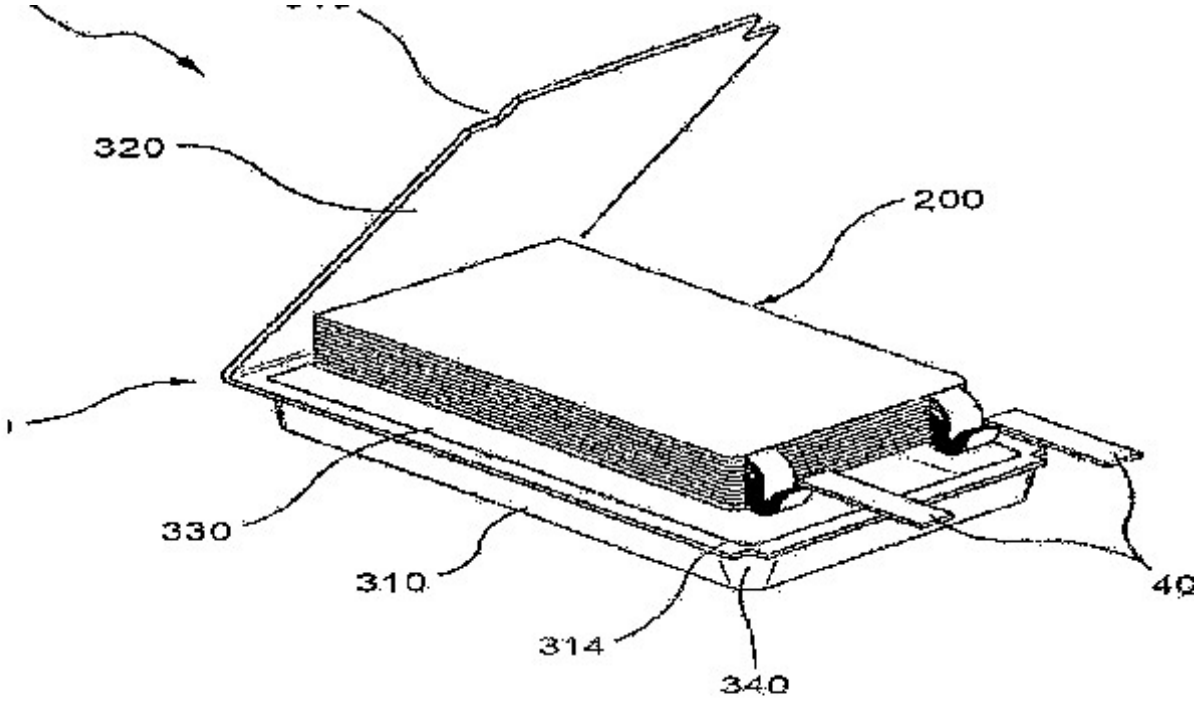
(54) Title of the invention : "BATTERY HAVING SPECIFIC PACKAGE STRUCTURE"

(51) International classification :H01M 2/02
(31) Priority Document No :10-2004-0006104
(32) Priority Date :30/01/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003312
Filing Date :16/12/2004
(87) International Publication No :WO 2005/074054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HYANG MOK LEE
3)OH YOUNG HYUN
4)CHANG BUM AHN
5)SUNG-MIN HWANG

No of Pages : 28
No of Claims : 11

(57) Abstract :
The present invention provides a battery having a structure for increasing the power storage capacity and output thereof. In accordance with the present invention, in a battery comprising an electrode assembly including anode plates, cathode plates and separators; and a battery case, both side bonding portions of which are folded toward adjacent sides thereof, for accommodating the electrode assembly and a designated amount of electrolyte, and scaling the electrode assembly such that two electrode terminals connected to corresponding electrode taps of the anode and cathode plates of the electrode assembly are exposed to the outside, an upper bonding portion of the battery case is folded toward the upper end of the battery case, and/or common portions of the upper bonding portion and both side portions of the battery case are cut off, and/or inner corners corresponding to the upper bonding portion have larger radiuses of curvature, and/or receipt portions for the electrode assembly are respectively formed in upper and lower bodies of the battery case. The battery having the above has high power storage capacity and output at the same size of the battery ckage, and high sealing capacity and safety.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3825/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PURIFICATION OF ANTIBODIES"

(51) International classification :B01D 15/08
(31) Priority Document No :0400501-3
(32) Priority Date :27/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000293
Filing Date :25/02/2005
(87) International Publication No :WO 2005/082483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BO-LENNART JOHANSSON
3)HANS J. JOHANSSON
4)JEAN-LUC MALOISEL
5)NICOLAS THEVENIN

No of Pages : 37
No of Claims : 25

(57) Abstract :
The present invention relates to a process for the purification of antibodies from one or more impurities in a liquid, which process comprises contacting said liquid with a first chromatography resin comprised of a support to which multi-modal ligands have been immobilised to adsorb the antibodies to the resin, wherein each multi-modal ligand comprises at least one cation-exchangÂing group and at least one aromatic or heteroaromatic ring system; adding an eluent to release the antibodies from the resin; and contacting the eluate so obtained with a second chromatography resin. Tn one embodiment, the ring-forming atoms of the aromatic or heteroaromatic entity are selected from the group con-sisting of C, S and O, and the cation exchanging group is a weak cation exchanger.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3826/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NEAR INFRARED RADIATION CURABLE POWDER COATING COMPOSITION HAVING ENHANCED FLOW CHARACTERISTICS"

(51) International classification :C09D 163/00
(31) Priority Document No :60/544,093
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004747
Filing Date :09/02/2005
(87) International Publication No :WO2005/078030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OWEN H. DECKER
2)CHARLES N. MYER

No of Pages : 12
No of Claims : 10

(57) Abstract :
A powder coating composition comprising an intimate mixture of: (a) at least one film forming NIR radiation curable resin; (b) l .0 to 20.0 wt.%, based on total weight of the powder coating composition, of at least one NIR reflecting pigment; and (c) at least one curing agent in an effective amount to cure said powder coating composition; wherein components (a), (b) and (c) are not reacted prior to being mixed together and whereby the powder coating composition is cured by NIR radiation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3827/DELNP/2006 A
(43) Publication Date : 27/04/2007

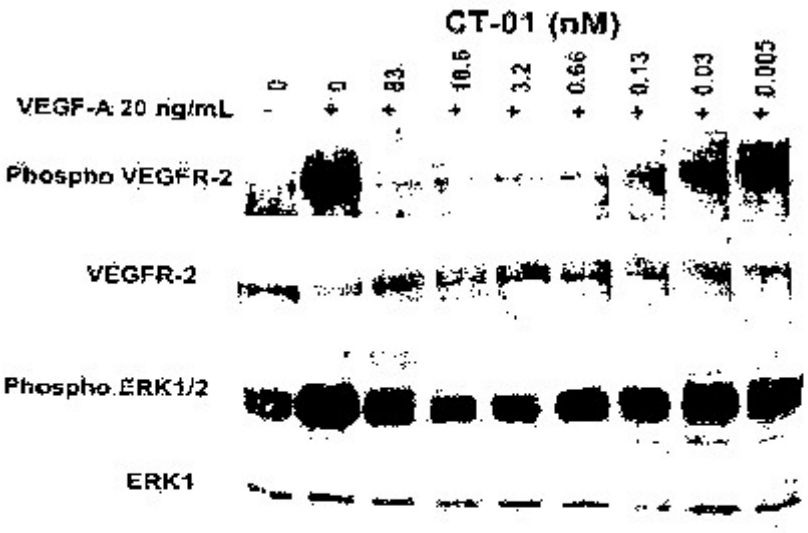
(54) Title of the invention : INHIBITORS OF TYPE 2 VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTORS

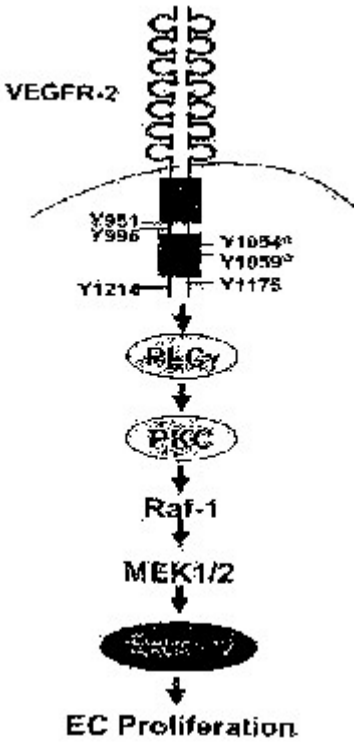
(51) International classification :A61K 38/00
(31) Priority Document No :60/527,886
(32) Priority Date :05/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/040885
Filing Date :06/12/2004
(87) International Publication No :WO 2005/056764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MARTIN C. WRIGHT
4)AL HARRIS
5)AI CHING LIM
6)JOCHIM GOKEMEIJER

No of Pages : 135
No of Claims : 80

(57) Abstract :
The present disclosure relates to novel vascular endothelial growth factor receptor (VEGFR)-binding polypeptides and methods for using these polypeptides to inhibit biological activities mediated by vascular endothelial growth factors (VEGFs). The present disclosure also provides various improvements relating to single domain binding polypeptides.





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3828/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS FOR THE PRODUCTION OF SILDENAFIL BASE AND CITRATE SALT"

(51) International classification :A61K 31/519
(31) Priority Document No :60/534,527
(32) Priority Date :05/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000207
Filing Date :05/01/2005
(87) International Publication No :WO2005/067936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JUDITH ARONHIME
3)SHALOM SHABAT

No of Pages : 19
No of Claims : 34

(57) Abstract :
Provided are processes for the preparation of sildenafil base and the citrate salt sildenafil. Also provided are silde-nafil citrate water adduct and a method of preparing pharmaceutical compositions comprising combining the sildenafil citrate and/or sildenafil citrate water adduct with at least one pharmaceutically-acceptable excipient.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3829/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITIONS OF ETHYLENE/VINYL ACETATE COPOLYMERS FOR HEAT-SEALABLE EASY OPENING PACKAGING"

(51) International classification	:B65D 75/58
(31) Priority Document No	:60/540,216
(32) Priority Date	:29/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003337
Filing Date	:28/01/2005
(87) International Publication No	:WO 2005/073106
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)STEPHEN R. TANNY

No of Pages : 34
No of Claims : 14

(57) Abstract :
Disclosed are compositions comprising ethylene/vinyl acetate copolymers, tackifying resins and optionally poly-olefins (for example, polyethylenc and pol ypropy lene) ihat provide strong, tight hermetic heat seals with an easily peelable opening feature to fluoropolymers such as polychlorotrifluoroethylene. Also disclosed are multilayer structures and packages comprising these compositions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3830/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PRODUCTION OF BISPHENOL A WITH REDUCED ISOMER FORMATION"

(51) International classification :C07C 37/20
(31) Priority Document No :10 2004 005 724.9
(32) Priority Date :05/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000615
Filing Date :22/01/2005
(87) International Publication No :WO 2005/075396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ULRICH BLASCHKE
3)STEFAN WESTERNACHER

No of Pages : 12
No of Claims : 7

(57) Abstract :
The invention relates to a method for producing bisphenol A, according to which phenol and acetone are brought up to temperatures of between 48 and 54 °C prior to the reaction.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3831/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF TRANSMITTING IEEE 1394 DATA OVER A WIRELESS LINK AND APPARATUS IMPLEMENTING THE METHOD"

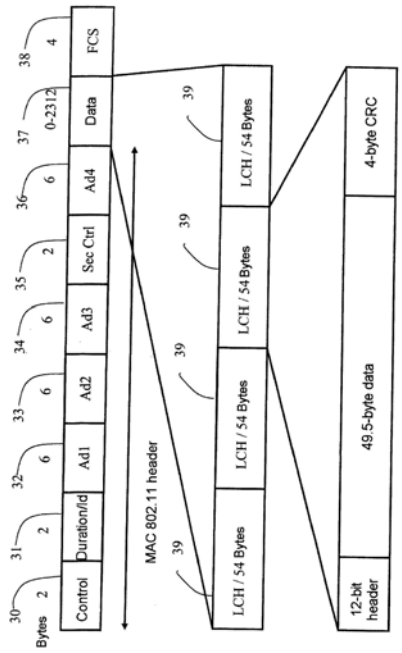
(51) International classification :H04L 12/28
(31) Priority Document No :04/00071
(32) Priority Date :06/01/2004
(33) Name of priority country :France
(86) International Application No :PCT/EP2005/050025
Filing Date :04/01/2005
(87) International Publication No :WO 2005/069547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LUDOVIC JEANNE

No of Pages : 22
No of Claims : 9

(57) Abstract :
The invention relates to a method of transmitting data over a wireless link, comprising the insertion of the data into packets according to a format corresponding to at least certain layers of a first protocol for data transmission over a wireless network, as well as the use of these packets to form a frame in accordance with a second protocol for data transmission over a wireless network, different from the first protocol, and the transmission over the wireless network according to the second protocol. The invention also relates to the apparatus implementing the method.

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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3832/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TIME-HOPPING SYSTEM AND TECHNIQUES FOR WIRELESS COMMUNICATIONS"

(51) International classification	:H04B 7/26
(31) Priority Document No	:10/754,789
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000401
Filing Date	:07/01/2005
(87) International Publication No	:WO 2005/071906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)AMOL RAJKOTIA
4)SANJIV NANDA

No of Pages : 32
No of Claims : 24

(57) Abstract :
Systems and techniques are disclosed relat ing to wireless communications. The systems and techniques involve wireless communications wherein a process, module or communications terminal schedules communications over a frame having a plurality of time slots. The process, module or communications terminal may be used to assign inforrna lion to be transmitted between two terminals to a block of the time slots within a frame, and reordering the time slot asÂsignments within the frame using a permutation function, the permutation function being a function of frame count.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3833/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TURNTBLE DEVICE FOR SPIN-COATING"

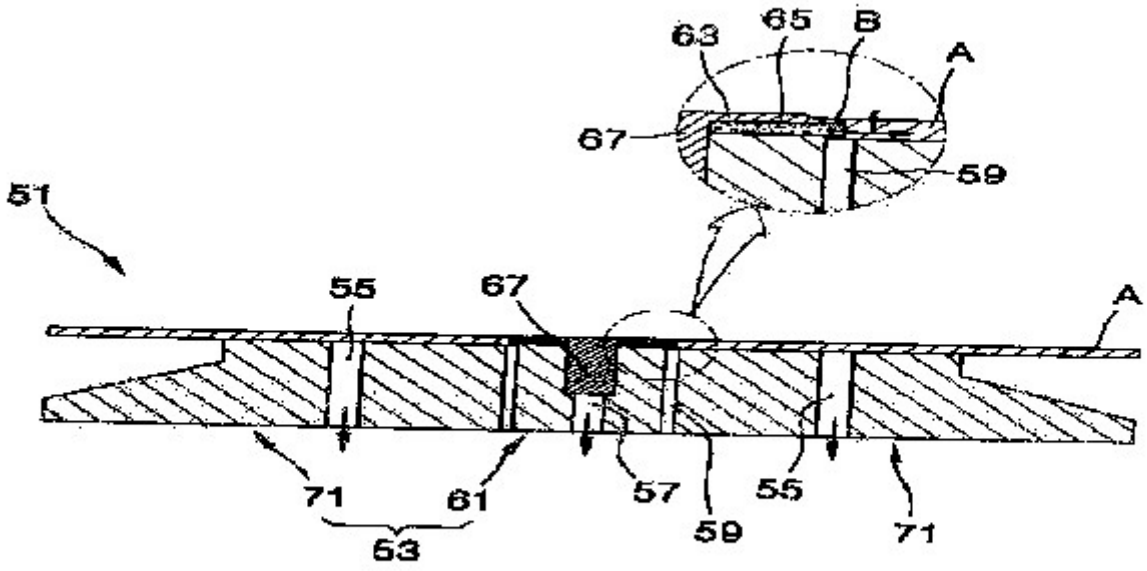
(51) International classification :G11B 7/26
(31) Priority Document No :10-2004-0075490
(32) Priority Date :21/09/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/002969
Filing Date :08/09/2005
(87) International Publication No :WO 2006/033528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HONG, YOUNGJUN

No of Pages : 19

No of Claims : 10

(57) Abstract :
Provided is a turntable device for spin-coating a substrate having a central hole formed in the central portion thereof with an external coating material due to a centrifugal force by rotating the substrate. The turntable device includes: a support unit having a flat surface that has at least one vacuum hole which supply vacuum force to the substrate for fixedly supporting the substrate on the horizontal surface; an elastic body disposed at the center of the support unit to be inserted into the central hole of the substrate that is fixedly supported on the surface of the support unit, and closing the central hole by being elastically deformed due to an external force; and a pressing member disposed on the elastic body and pressing the elastic body to deform the elastic body elastically. Since an additional element for closing the central hole of the substrate during spin-coating is not required, the apparatus is simple, the coating process is simple, and the central portion of the substrate is prevented from being contaminated after the spin-coating.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3834/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CUTTING TOOL ADJUSTMENT SYSTEM"

(51) International classification :B23Q 17/22
(31) Priority Document No :0413986.1
(32) Priority Date :23/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002272
Filing Date :09/06/2005
(87) International Publication No :WO 2006/000746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BASSETT, ROGER

No of Pages : 22
No of Claims : 35

(57) Abstract :
A cutting tool adjustment system comprising a body in the form of a cartridge (10) adjustably carrying a cutting tool (10a), adjustment means (17; 23; 29; 39) mechanically adjustably engageabe with the body for positionally adjusting a cutting edge of the cutting tool (10a). and means (19, 20; 30, 31; 34, 35) electronically engagea+e with the body aid including power supply means for powering display means (21; 28; 36) for indicating the adjustment of the cutting edge position.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3835/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "2,6-DISUBSTITUTED PIPERIDINES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY"

(51) International classification :A61K 31/445
(31) Priority Document No :60/537,732
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000770
Filing Date :14/01/2005
(87) International Publication No :WO 2005/070133
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)ZHOU, CHANGYOU
4)GOBLE, STEPHEN, D.
5)PASTERNAK, ALEXANDER

No of Pages : 65
No of Claims : 33

(57) Abstract :
The present invention is further directed to compounds of formula (I): wherein R1, R2, R , R4, R\ R6, R7, R8, R9, R'Â°, R16, R17, R18, R19, R20, R21 and R22 are as defined herein) which are modulators of chemokine receptor activity and are useful in the prevention or treatment of certain inflammatory and immunoregulatory disorders and diseases, allergic diseases, atopic conditions including allergic rhinitis, dermatitis, conjunctivitis, and asthma, as well as autoimmune pathologies such as rheumatoid arthritis and atherosclerosis. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which chemokine receptors are involved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3836/DELNP/2006 A
(43) Publication Date : 27/04/2007

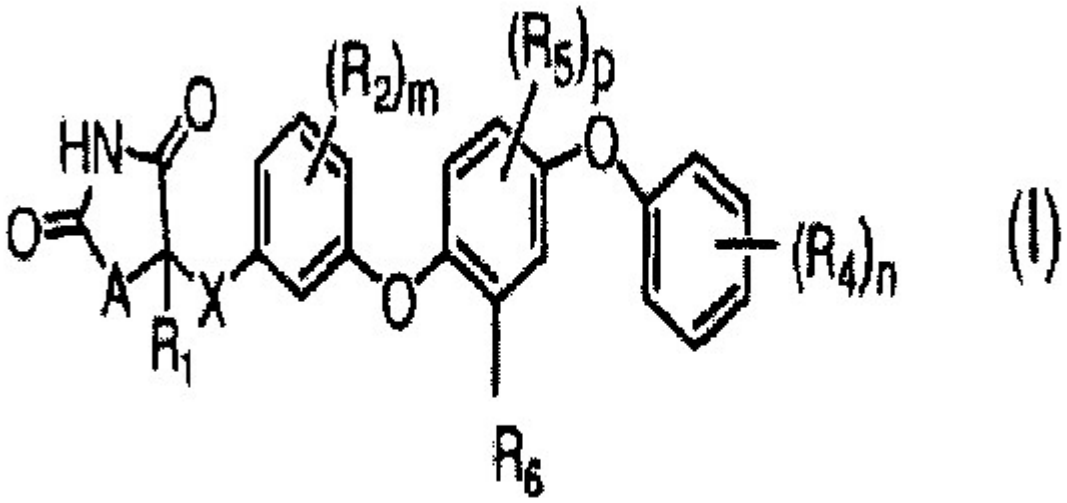
(54) Title of the invention : "ANTIDIABETIC OXAZOLIDINEDIONES AND THIAZOLIDINEDIONES"

(51) International classification	:C07D 263/44
(31) Priority Document No	:60/537,630
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001344
Filing Date	:18/01/2005
(87) International Publication No	:WO 2005/070905
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)ZHANG, YONG

No of Pages : 50
No of Claims : 15

(57) Abstract :
Phenoxyphenyl and phenoxybenzyl oxazolidine-2,4-diones and thiazolidine-2,4-diones of formula (I) are agonists or partial agonists of PPAR gamma and are useful in the treatment and control of hyperglycemia that is symptomatic of type II diabetes, as well as dyslipidemia, hyperlipidemia, hypercholesterolemia, hypertriglyceridemia, and obesity that are often associated with type 2 diabetes.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2004

(21) Application No.3837/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHARMACEUTICAL SALTS OF REBOXETINE"

(51) International classification :C07D 265/30
(31) Priority Document No :02077366.9
(32) Priority Date :17/06/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP03/05261
Filing Date :04/06/2003
(87) International Publication No :WO 03/106441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ANNALISA AIROLDI
3)ALESSANDRO MARTINI

No of Pages : 15
No of Claims : 11

(57) Abstract :
The present invention relates to novel crystalline, water-soluble salts of the 2S.3S enantiomer of reboxetine, which are the fumarate and succinate salts thereof, to a process for their preparation, to their utility in therapy and to pharmaceutical compositions containing them

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3837/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD PROVIDING ENHANCED FEATURES FOR STREAMING VIDEO-ON-DEMAND"

(51) International classification :H04N 7/173
(31) Priority Document No :10/727,857
(32) Priority Date :04/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/002082
Filing Date :06/06/2004
(87) International Publication No :WO2005/055604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LUO,YING
4)CHENG, IGNATIUS
5)KOAT, PETER

No of Pages : 32
No of Claims : 15

(57) Abstract :
The present invention provides a system and method for providing enhanced features for streaming video-on-demand systems. The system comprises a media server and a client player, wherein a user can select a desired video for transmission from the media server to the client player for subsequent display for the user via the client player. The system comprises a mechanism that enables a user to interactively select a desired new starting point for the display of the selected video signal. The mechanism is provided by a first and second series of searchable index frames, wherein the first series is generated by the media server during transmission of the selected video signal and the second series is generated by the client player during receipt of the selected video signal. Upon receipt by the client player of the desired new starting point, the first or second series are accessed in order to identify a required searchable index frame that best represents the desired new starting point. Display of the video by the client player subsequently commences from the required searchable index frame.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2005

(21) Application No.3838/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TRAY APPARATUS, COLUMN WITH SAME AND METHOD OF ASSEMBLING AND USING"

(51) International classification :B01F 3/04
(31) Priority Document No :60/445,253
(32) Priority Date :06/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003201
Filing Date :05/02/2004
(87) International Publication No :WO 2004/071636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ELENA TACCHINI

No of Pages : 35
No of Claims : 38

(57) Abstract :
A vapor-liquid contact tray apparatus having a tray with a fluid infeed section and a fluid travel section together with a supported downcomer which is in fluid communication with the fluid travel section of the tray. A redirecting baffle is positioned at an inlet opening of the downcomer and push valves are provided in the fluid travel section of the tray. The push valves are preferably arranged in one or more zones of high concentration of push valves relative to one or more bubbling aperture zones with a lower concentration of push valves or no push valves. The redirecting baffle is provided in the downcomer and extends above the tray to capture fluid flowing horizontally off of the tray (e.g., exiting from a weirless or weir interface) and into a preferably concave upper portion of the redirecting baffle for controlling and redirecting the high momentum flow into and through the downcomer. A plurality of redirecting baffles are featured in one embodiment together with apertured straight sections extending down into the downcomer as in down to the half way mark of downcomer depth or further down including out of the bottom of downcomer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3838/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF OPERATING SYSTEMS COMPRISING COMMUNICATION SERVICES

(51) International classification :H04M 3/42
(31) Priority Document No :0400292-9
(32) Priority Date :11/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000171
Filing Date :10/02/2005
(87) International Publication No :WO2005/079047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 6

(57) Abstract :
A method of operatively handling data systems that include communications services, particularly telephone and data services, wherein a computer system (1) is adapted to execute a service in accordance with a data program and also adapted to process log data, wherein said computer system includes databases (10-12, 13, 14, 18) of which at least one database (13, 14) is caused to contain a predetermined number of transactions of which each transaction has the form of parts of a data program, and wherein said computer/system is caused to fetch one or more transactions from said database or said databases, said transactions together forming a data program for executing said service or said processing function. The invention is characterized in that an interface (20) between an administrative part (2) of the data system (1) and an all-embracing part (15) of the data system, and also an interface between an operative part (3) of the data system and the all-embracing part (15) of the data system wherein said interfaces are mutually the same; in that the all-embracing part (15) has an executing environment such that execution in the all-embracing system and instructions from the all-embracing system to other parts (2, 3) of the data system takes place through the agency of said transaction.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3839/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF ESTABILISHING COOPERATIVE SERVICES IN A COMPUTER SYSTEM"

(51) International classification :H04M 3/42
(31) Priority Document No :0400292-9
(32) Priority Date :11/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000172
Filing Date :10/02/2005
(87) International Publication No :WO 2005/079048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 11
No of Claims : 7

(57) Abstract :
The present invention relates to a method of achieving co-acting services in a data system that, includes telephone services and/or data services, wherein the data system includes a first computer system (1) and at least one further, a second, computer system (2), wherein the computer systems each include a computer (10;11) having associated memories, wherein the first and the second computer system respectively are each connected to at least one communications database (3; 4) that includes communications services, particularly telephone and data services, stored as transaction references, i.e. references to transactions, wherein said computer systems are adapted to execute communications services in accordance with a data program, wherein at least a transaction database (5; 6) connected to each computer (10; 11) is caused to contain a pre-determined number of transactions which are identified by said transaction references where each transaction is in the form of parts of a data program and wherein respective computer systems are caused to fetch one or more transactions from said transactions database (5;6) or databases, said transactions together forming a data programme for executing said services. The invention is characterized in that said transactions include instructions relating to said services and also to further services that shall be executed by the data system, in that fetching of transactions for execution in the data system is initiated in response to a call (6) incoming to the system from a telephone or from an external computer to which a communications service is tied in the communications database (3; 4), in that the call includes an information part (7) in the form of an identification (8) of the called party (ID) and an indication (9) of the type of call concerned, and in that the first (1) and the second (2) computer systems are caused to have an execution environment such that essentially all execution and instructions from one computer system (1) to the remaining computer systems (2) in said system will be caused to take place through the agency of said transactions, and in that certain transaction references identify transactions which, upon execution, cause the service concerned to be transferred to a computer system (2) other than the call receiving computer system (1) for execution in the beforementioned computer system (2) and in that the information part (7) is transferred together with the transfer of said service.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.384/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CATHODE MATERIALS FOR HIGH ENERGY DENSITY RECHARGEABLE LITHIUM BATTERIES

(51) International classification	:H01M 4/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 14

(57) Abstract :
The present invention provides a process for making high energy density lithium rechargeable battery cathodes based on self-assembled monolayer. The cathode materials of the invention are prepared by immersing conducting substrates such as gold, silver, copper, and the like, in a milimolar solution of an organic disulfide. Thereby a self-assembled monolayer of an organic disulfides on a conducting substrate can be obtained capable of delivering high energy and power density after coupling with a material Lithium electrode anode in an electrolyte solution using Lithium salts and specific solvents and co-solvents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3840/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TRANSMISSION OF ASSET INFORMATION IN STREAMING SERVICES"

(51) International classification :H04L 29/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2004/000358
Filing Date :12/02/2004
(87) International Publication No :WO2005/088930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 34
No of Claims : 24

(57) Abstract :
This invention relates to a method, a computer program, a computer program product, devices, a system and a session description protocol for transferring data (101, 106) and information on associated data asset information, comprising the steps of providing (307) session description information (110) that at least partially contains said information on said data asset information, wherein said session description information (110) obeys a first protocol, transferring (309) said session description information (110) to a destination instance (301) based on a second protocol (107, 109, 102), and transferring (313) said data (101, 106) between a source instance (305) and said destination instance (301) within a transfer session and based on a third protocol (102). Said first, second (107, 109, 102) and third (102) protocols are preferably the Session Description, Real-time Streaming and Real-time Transport Protocol in a 3G Packet-Switched Streaming Services context.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3841/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DISPLAYING A WEB PAGE IN A BROWSER WINDOW AND A METHOD FOR HANDLING A WEB PAGE

(51) International classification :G06F 17/30
(31) Priority Document No :20040086
(32) Priority Date :22/01/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/050010
Filing Date :21/01/2005
(87) International Publication No :WO2005/071567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAKELA, MIKKO

No of Pages : 23
No of Claims : 26

(57) Abstract :
In the method for displaying a web page, a web page received from a server and comprising a frameset is displayed in the browser window of a terminal in such a manner that the frameset is converted into a different format. In the method, the frameset is converted into a table (T), in which case each frame (F1, F2) is converted into a corresponding cell (TD1, TD2) of the table (T). The formed table (T) is then displayed in said browser window (D2). The invention also relates to a conversion method, as well as to a converting unit and a computer software for implementing this conversion method. In addition, the invention relates to a system, as well as to a terminal (MS).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2004

(21) Application No.3842/DELNP/2004 A
(43) Publication Date : 27/04/2007

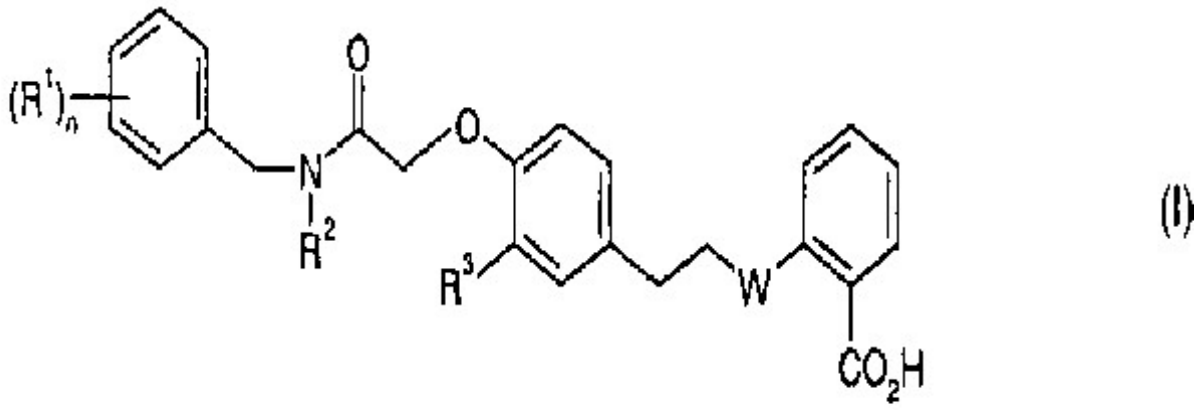
(54) Title of the invention : "ORTHO-SUBSTITUTED BENZOIC ACID DERIVATIVES FOR THE TREATMENT OF INSULIN RESISTANCE"

(51) International classification	:A61K 31/19
(31) Priority Document No	:0201936-2
(32) Priority Date	:20/06/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/GB2003/002591
Filing Date	:17/06/2003
(87) International Publication No	:WO 2004/000294
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 52
No of Claims : 20

(57) Abstract :
The present invention provides a compound of formula (I), wherein n is 0, 1 or 2; R1l represents halo, a C1-4alkyl group which is optionally substituted by one or more fluoro, a C1-4alkoxy group which is optionally substituted by one or more fluoro and wherein when n is 2 the substituents R1 may be the same or different; R2 represents an unbranched C2-7alkyl group; R3 represents H or OCH3; and W represents O or S and pharmaceutically acceptable salts and prodrugs thereof, to processes for preparing such compounds, to their utility in treating clinical conditions associated with insulin resistance, to methods for their therapcutic use and to pharmaceutical compositions containing them.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006

(21) Application No.3842/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPROVED CYTOKINE DESIGN"

(51) International classification :C07K14/705
(31) Priority Document No :0328261.3
(32) Priority Date :05/12/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2004/0004335
Filing Date :06/12/2004
(87) International Publication No :WO 2005/056596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 86
No of Claims : 62

(57) Abstract :
The present invention relates to novel methods for thc design of proleins, in particular, cytokines. These methods know the stabilisation of such cytokines, as well as modification of their selectivity/specificity for their cognate receptors. The invention also relates to various modified proteins that have been designed by the methods of the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3843/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTILAYER PRODUCT MADE OUT OF A SUBSTRATE AND ON EITHER SIDE AT LEAST ONE COVER LAYER; PROCESS FOR THE MAUFACTURE OF A MULTILAYER PRODUCT AND PAINTED MULTILAYER PRODUCT AND PROCESS FOR PAINTING A MULTILAYER PRODUCT"

(51) International classification :B32B 5/28
(31) Priority Document No :10/757,079
(32) Priority Date :14/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000052
Filing Date :03/01/2005
(87) International Publication No :WO 2005/070664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 17

(57) Abstract :
Multilayer product made out of a substrate and at each side at least one cover layer, completely or partly covering substrate, the substrate being a fibre reinforced thermoplastic product with randomly distributed fibres and with a density of lee than 1.2 grams per cm3, preferably less than 1.0 grams per cm3 and the cover layer being a long or continuous fibre reinforced thermoplastic plastic film with the fibres being orientated approximately parallel to one another.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2004
(21) Application No.3844/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BENZOIC ACID DERIVATIVES AS MODULATORS OF PPAR ALPHA AND GAMMA"

(51) International classification :A61K 31/19
(31) Priority Document No :0201937-0
(32) Priority Date :20/06/2002
(33) Name of priority country :Sweden
(86) International Application No :PCT/GB2003/002598
Filing Date :17/06/2003
(87) International Publication No :WO 2004/000295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 94
No of Claims : 14

(57) Abstract :
Abstract: A compound of formula (I) wherein R1 represents aryl optionally substituted by a heterocyclic group or a hetero-cyclic group optionally substituted by aryl wherein each aryl or heterocyclic group is optionally substituted; the group -(CH2)m,-T-(CH2)n-U -(CH2)P- is attached at either the 3 or 4 position in the phenyl ring as indicated by the numbers in formula (I) and represents a group selected from one or more of the following: O(CH2)2, CKCH2), NC(O)NR4(CH2)2 , CH2S(O2)NR5(CH2)2, CH2N(R6)C(O)CH2, (CH2NCR6fOXCH2)2 , C(0)NR7 CH2 , C(O)NR'(CH2)2 , and CH2N(R')C(O)CH2O; V represents O, S, NR", or a single bond;q represents 1, 2 or 3 ; W represents O, S, N(R')C(O) , NR10,or a single bond;R2 represents halo, a C M alkyl group which is optionally substituted by one or more fluoro, a C n alkoxy group which is optionally substituted by one or more fluoro, a C1-4 acyl group, aryl, an aryl C1-4 alkyl group, CN or NO2 ; r represents 0, 1, 2 or 3 ; R3 represents halo, a C 1-4 alkyl group which is optionally substituted by one or more fluoro, a C \-4 alkoxy group which is optionally substituted by one or more fluoro, a C1-4 acyl group, aryl, an aryl C M alkyl group, or CN ; s represents 0, 1, 2 or 3 ; and R4, R5, R6 , R7, R8 , R9 and R10 independently represent H, a C MO alkyl group, aryl or an aryl C1-4 alkyl group or when m is 0 and T represents a group N(R')C(O) or a group (R5)NS(O2) then R1 and R* or R'and R3 together with the nitrogen atom to which they are attached represent a heteroaryl group; with provisos and pharmacculically acceptable salts thereof, processes for preparing such compounds, their utility in treating clinical conditions associated with insulin resistance, methods for their therapeutic use and pharmaceutical compositions containing them.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3846/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WIPER AND THE PREPARING METHOD THEREOF"

(51) International classification :A61F 13/40
(31) Priority Document No :200310121777.5
(32) Priority Date :23/12/2003
(33) Name of priority country :China
(86) International Application No :PCT/CH2004/001453
Filing Date :14/12/2004
(87) International Publication No :WO 2005/060905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 47
No of Claims : 22

(57) Abstract :
A wiper, comprising a rod, a wiping body provided at one end of the rod and an outer packing, characterized in that said outer packing is a tube-like container having both ends closed permanently; the tube-like container is provided with an easy break-off mark at at least one place between both ends of the tube wall; and the rod is of elasticity

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2006
(21) Application No.3847/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A DRIP-TYPE DUSTING INSTALLATION HAVING DISCHARGE FUNCTION"

(51) International classification :B01D 46/00
(31) Priority Document No :200420052932.2
(32) Priority Date :16/08/2004
(33) Name of priority country :China
(86) International Application No :PCT/CN2005/000514
Filing Date :18/04/2005
(87) International Publication No :WO 2006/017964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 6

(57) Abstract :
A dry-type dust catcher with function of release, comprises rough dust-cleaning apparatus [1], fine dust-cleaning apparatus [2], valves and pipelines, characterized in that release pipe [5] is set between the rough dust-cleaning apparatus and the fine dust-cleaning apparatus to implement the release in case the fine dust-cleaning apparatus is in malfunction. Releasing from this location will fully utilize the residual ability of said catcher in catching dust to the maximum and reduce the environmental pollution. In order to maintain the pressure of the source of the air with dust to be removed basically invariable in the state of the release, pressure control element [4] can be connected to the release pipe in series. Merits of the present invention are: 1. said dust catcher can be fully utilized and the release amount of dust is smaller even if the release is carried out; 2. when said dust catcher is used in catching gas dust from a blast furnace, the pressure at the top of the furnace can be maintained basically invariable so as to make the furnace be in a normal operation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.385/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A FORMULATION FOR FRUIT DRINK CONTAINING AN ANTIOXIDANT

(51) International classification	:A23L 2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14
No of Claims : 10

(57) Abstract :
This invention relates to a process for preparation formulation for fruit drink containing an antioxidant. The process, in particular, describes the method of formulation for fruit drink using a membrane processing unit, incorporation of an antioxidant and subsequent carbonation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2006
(21) Application No.3856/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR IMPROVING ENZYMATIC DEGUMMING OF VEGETABLE OILS AND REDUCING FOULING OF DOWNSTREAM PROCESSING EQUIPMENT "

(51) International classification :C11B 1/02
(31) Priority Document No :60/531,192
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042780
Filing Date :17/12/2004
(87) International Publication No :WO 2005/063950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)THOMAS L. BERKSHIRE

No of Pages : 22
No of Claims : 18

(57) Abstract :
A process controls enzymatic degumming characteristics which cause fouling of post-reactor equipment of industrial scale processing of edible oils An anti-fouling agenl including an organic or mineral acid is added after the reactor and before any post-reaclor equipment such as heal exchangers and centrifuges Typically the anti-fouling agent is added at greater than about 100 ppm of the oil, and typically the pHof the aqueous phase of the oil is between about 3 5 and 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2006

(21) Application No.3857/DELNP/2006 A
(43) Publication Date : 27/04/2007

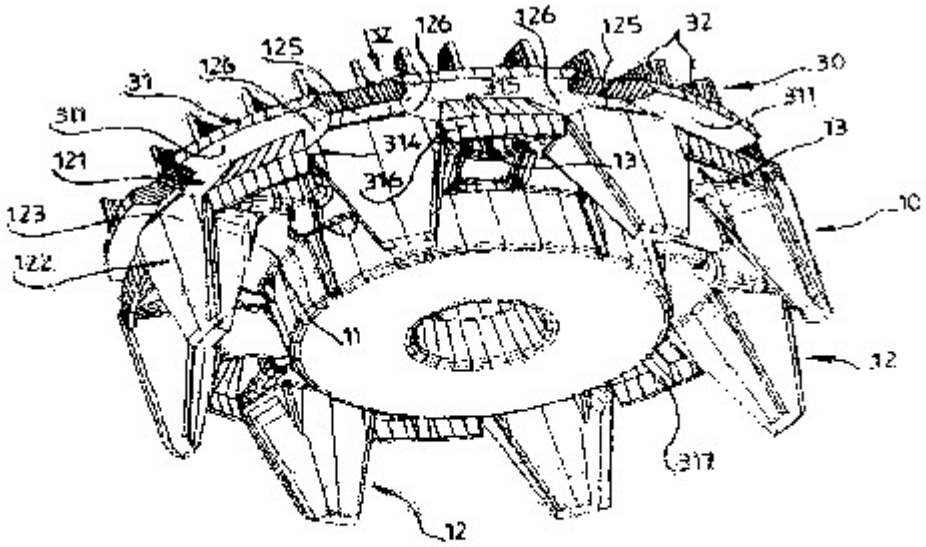
(54) Title of the invention : "ROTOR ASSEMBLY, IN WHICH AT LEAST ONE INTER-CLAW SPACE IS SEALED BY THE FAN"

(51) International classification	:H02K 1/22
(31) Priority Document No	:0402030
(32) Priority Date	:27/02/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000434
Filing Date	:24/02/2005
(87) International Publication No	:WO 2005/091465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 24
No of Claims : 18

(57) Abstract :
The invention relates to a rotor assembly which is mounted such as to rotate around an axis of rotation (X X') and which comprises two magnet wheels with claws (10). The aforementioned magnet wheels arc separated by an axial space and arc disposed opposite one another. Moreover, each wheel (10) comprises an end shield (11) which is essentially perpendicular to the aforementioned axis (X-X) and claws (12) extend axially from said end shield (11) towards the other wheel (10). The claws (12) of one wheel (10) are solidly connected to the end shield (11) by respective bases (121) winch are separated from one another by peripheral spaces (13). The inventive assembly comprises at least one fan (30) which is positioned on an axial face of the end shield (11) of one of the wheels (10) opposite the other wheel (10), such that the fan (30) axially seals at least part of one of the peripheral spaces (13).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2006

(21) Application No.3858/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A FIBRE MAT AND A METHOD OF MANUFACTURING A FIBRE MAT "

(51) International classification :D04H 13/00
(31) Priority Document No :PA 2004 00095
(32) Priority Date :26/01/2004
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2005/000019
Filing Date :14/01/2005
(87) International Publication No :WO 2005/071152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TORBEN KROGSDAL JACOBSEN
3)RAYMOND JOHNSEN

No of Pages : 32
No of Claims : 28

(57) Abstract :
The invention relates to a method of manufacturing a fibre mat adapted for use in the manufacture of a fibre-reinforced device, said fibre mat comprising at least two essentially longitudinally extending and parallel batches of fibres. Novel aspects of the method according to the invention involves that the method comprises that the batches are joined by holder means that span above or below each batch, whereby the holder means impart an influence to each batch which is essentially symmetrical about an axis situated longitudinally between the batches. A symmetrical influence about an axis longitudinally between the batches accomplishes that influence from one side is matched by influence from an opposite side. Hereby it is prevented that the batch will undulate. Simultaneously the batches are clearly separated, whereby resin is more easily conducted longitudinally of the batches.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2006

(21) Application No.3859/DELNP/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF INSERTING A WAVE WINDING INTO A STATOR OF A POLYPHASE ROTATING ELECTRICAL MACHINE, AND ITS ASSOCIATED STATOR "

(51) International classification :H02K 15/06
(31) Priority Document No :0401824
(32) Priority Date :24/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000433
Filing Date :24/02/2005
(87) International Publication No :WO 2005/091474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 41

No of Claims : 18

(57) Abstract :

The invention relates to a method of inserting an undulating winding into an alternator stator. The inventive method comprises the following steps consisting in: 1/ shaping each phase winding (70) into a succession of crenels (71) comprising two lateral branches (711) which are each intended to be attached at a position for reception in a slot; 2/ positioning the windings (70) on an insertion tool (80); and 3/ inserting the turns (73) into the slots of the stator in the reverse order to the winding order. According to the invention, the windings (70) are wound around the insertion tool (80) simultaneously, and the turns (73) that succeed one another in a determined winding order belong alternatively to different windings (70).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.386/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR EXTRACTION OF COPPER, NICKEL AND COBALT FROM COMPLEX SULPHIDE CONCENTRATE

(51) International classification	:C22B 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)VINAY KUMAR
4)ARCHNA AGRAWAL
5)PREMCHAND

No of Pages : 13
No of Claims : 4

(57) Abstract :
The present invention relates to a process for the extraction of copper, nickel and cobalt from complex sulphide concentrate. This invention particularly relates to the extraction of copper, nickel and cobalt from a complex sulphide concentrate by ammoniacal leaching under pressure and thereby dissolving the vamable metal as their amine complexes and producing ammonium sulphate which can be used as fertiliser. The novelty of the present invention is requirement of low pressure and temperature coupled with recycling of lixiviant(ammonia) or producing ammonium sulphate for use as fertiliser. Ammonia leaching requires less stringent material of construction for autoclave as compared to acid system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2006
(21) Application No.3862/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COLORANT COMPATIBLE SYNTHETIC THICKENER FOR PAINT"

(51) International classification :C09D 7/00
(31) Priority Document No :60/534,873
(32) Priority Date :08/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000787
Filing Date :07/01/2005
(87) International Publication No :WO 2005/068564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ANGIE H. MA
4)TUYEN T. NGUYEN
5)JEFFRY K. POLITIS

No of Pages : 36
No of Claims : 73

(57) Abstract :
A synthetic polymer has a water-soluble or water-swellable polymer backbone and terminal groups and/or intermediate groups of blocks of hydrophobes of alkyl- or aryl compounds containing a polymerizable cyclic monomer or a polymerizable double bond (or alkene) group or derivatives thereof. The blocks of hydrophobes are composed two or more units of the same or different hydrophobes. These synthetic polymers are used as rheology modifiers, especially in latex paints.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2006
(21) Application No.3863/DELNP/2006 A
(43) Publication Date : 27/04/2007

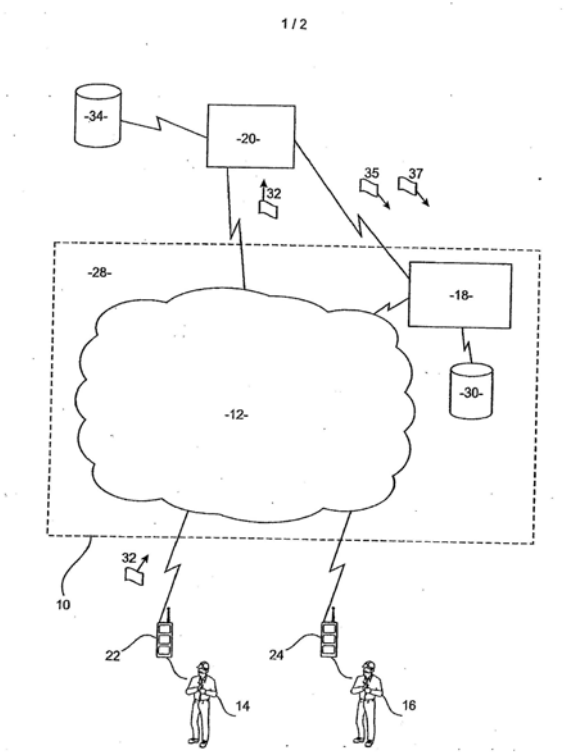
(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING PAYMENT VIA A COMMUNICATIONS NETWORK USING VALUE ACCREDITED TO A CUSTOMER OF THE COMMUNICATIONS NETWORK

(51) International classification :G07F 19/00
(31) Priority Document No :200307551-2
(32) Priority Date :18/12/2003
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2004/000088
Filing Date :14/04/2004
(87) International Publication No :WO 2005/059851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 35
No of Claims : 79

(57) Abstract :
A system for facilitating payment (10) via a Communications network (12) using value accredited to a customer (14) of the Communications network (12), the system comprising a first Communications device (22) owned and/or operated by the customer (14); a recipient (16); a billing system (18) associated with the Communications network (12), both the customer (14) and the recipient (16) having at least one account (30) recorded with the billing system (18); and a payments facilitator (20), wherein, when the payments facilitator (20) receives a Communications message (32) from the customer (14) identifying the recipient (16) and the amount to be paid to the recipient (16), the Communications message (32) being sent by means of the first Communications device (22), the payments facilitator (20) operates to command the billing system (18) to debit the amount to be paid to the recipient (16) from the customer's (14) at least one account (30) and thereafter, operates to command the billing system (18) to credit the amount to be paid to the recipient (16) to the recipient's (16) at least one account (30). Ideally, the command to the billing system (18) to debit the amount to be paid takes the form of a command representative of the customer (14) having made a caii on a line having a tariff rate closest to the amount to be paid to the recipient (16). In determining the tariff rate closest to the amount to be paid to the recipient (16), the payments facilitator (20) may refer to a tariff look-up table (34) comprising details of all tariff rates presently set by an operator (28) of the Communications network (12).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2005
(21) Application No.3867/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COVALENT TETHERING OF FUNCTIONAL GROUPS TO PROTEINS

(51) International classification :C12N
(31) Priority Document No :60/444,094
(32) Priority Date :31/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/002607
Filing Date :30/01/2004
(87) International Publication No :WO 2004/072232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MCDOUGALL, MARK
6)ZIMPRICH, CHAD

No of Pages : 132
No of Claims : 109

(57) Abstract :
A mutant hydrolase optionally fused to a protein of interest is provided. The mutant hydrolase is capable of forming a bond with a substrate for the corresponding nonmutant (wild-type) hydrolase which is more stable than the bond formed between the wild-type hydrolase and the substrate. Substrates for hydrolases comprising one or more functional groups are also provided, as well as methods of using the mutant hydrolase and the substrates of the invention. Also provided a fusion protein capable of forming a stable bond with a substrate and cells which express the fusion protein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.387/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PROVIDING PROTECTIVE ENCAPSULATION OF SUPERCONDUCTOR DEVICES

(51) International classification	:B32B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 17
No of Claims : 12

(57) Abstract :
A process for providing protective encapsulation of high-Tc superconductor devices is disclosed. This process consists of two steps. In the first step, a coating by conventional spin coating technique of uniform layer of photoresist on top of the superconductor device is carried out. The spun coated photoresist layer is hardened by annealing it at 80-100°C for 30 minutes. In the second step, the superconductor device is encapsulated inside a copper enclosure in pure Helium gas atmosphere. Electrical contacts are taken through vacuum tight feed throughs. There is no change in superconducting properties of the device during this process of coating of photoresist layer and encapsulation in the copper enclosure. In the present process of protection, high-Tc device does not come in direct contact with moisture during thermal cycling from room temperature to low temperature such as liquid nitrogen temperature. The encapsulated superconductor device shows excellent stability of device characteristics over a long period of 36 months even after repeated thermal cyclings between liquid nitrogen temperature and room temperature.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.387/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED LOW FAT INSTANT MIX FORMULATION FOR BLACK GRAM VADA

(51) International classification	:A21D 2/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 35
No of Claims : 14

(57) Abstract :
An improved low fat instant mix formulation for vada', a black gram based fried snack, has been developed by blending medium coarse semolina obtained after dry milling and sieving of black gram dhal, with steamed fine wheat semolina, skim milk powder, powdered sugar, expanded rice flour, sodium chloride, sodium bicarbonate citric acid and asafoteda. The instant mix is made into a thick batter with required amount of water, followed by shaping and deep fat frying in refined vegetable oil at 175-180Â° C for 7-8 minutes to obtain golden yellow colored crisp product with lower fat content and improved texture and sensory quality.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2005
(21) Application No.3870/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS AND METHOD FOR DISTRIBUTING SIGNALS BY DOWN-CONVERTING TO VACANT CHANNELS

(51) International classification :H04N 7/10
(31) Priority Document No :60/453,763
(32) Priority Date :11/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/007270
Filing Date :09/03/2004
(87) International Publication No :WO 2004/082282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)LOCKRIDGE, TERRY, WAYNE
7)BOWYER, ANDREW, ERIC

No of Pages : 24
No of Claims : 30

(57) Abstract :
A gateway apparatus (20) is capable of distributing signals such as audio, video, and/or data signals in a household and/or business dwelling using the existing coaxial cable infrastructure, and the signal distribution is controlled using the coaxial cable infrastructure as a back channel. According to an exemplary embodiment, the gateway apparatus (20) includes signal processing elements (21, 24, 25, 26) for receiving signals from a broadcast source and processing the received signals to generate processed analog signals. A back channel demodulator (27) receives a request signal from a client device (30) via a coaxial cable connecting the gateway apparatus (20) and the client device (30). The processed analog signals are provided to the client device (30) via the coaxial cable responsive to the request signal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.388/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCTION OF LOW FOAMING SCOURING POWDER COMPOSITION USEFUL FOR CLEANING CONCRETE SURFACES

(51) International classification	:C11D 3/382
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14
No of Claims : 15

(57) Abstract :
The present invention provides a low foaming scouring powder composition, said composition comprising fly ash as an abrasive agent ranges between 40 and 75 %, an surfactant ranges between 3 and 6 %, an alkali metal carbonate ranges between 10 and 20 %, an alkali metal bicarbonate ranges between 3 and 15 %, an alkali halide ranges between 1 and 10 %, clay ranges between 5 to 50 % and optionally traces of perfumes and colors and a process for preparing the above said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.388/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BETALIAN FROM BEETROOT

(51) International classification	:A23L 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 3

(57) Abstract :
The present invention relates to An improved process for the preparation of Betalain from beetroot. The present invention more particularly relates to concentration and purification of betalains involving aqueous two-phase extraction,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2005

(21) Application No.3882/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POWDERED OVERBASED AMORPHOUS ALKALINE EARTH METAL SALTS AND PROCESSES FOR MAKING"

(51) International classification :C07C 51/41
(31) Priority Document No :10/379,048
(32) Priority Date :04/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/027622
Filing Date :04/09/2003
(87) International Publication No :WO 2004/078694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 51
No of Claims : 46

(57) Abstract :
Powdered overbased amorphous alkaline earth salts are made which consist essentially of isolated solid agglomerated micelles of amorphous alkaline earth metal salts complexed with an amorphous alkaline earth metal carboxyiate of a fatty acid. The process for making the powder involves precipitating and isolating the solid particles from liquid overbased alkaline earth metal compositions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2005
(21) Application No.3886/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR PROVIDING MOBILE CALLER INFORMATION TO A SPECIAL NUMBER SERVICE STATION"

(51) International classification :H04Q
(31) Priority Document No :10/402,739
(32) Priority Date :29/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/007682
Filing Date :11/03/2004
(87) International Publication No :WO 2004/095852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 15

(57) Abstract :
A system for providing particular information relating to a caller placing a call from a mobile calling instrument to a special number service station in a telecommunication network includes: (a) an information store for storing a body of information including the particular information identified as relating to the caller; and (b) an interface unit communicatingly coupled at least with the information store and the special number service station. The interface unit responds to a query identifying the calling instrument from the special number service station by retrieving the particular information from the information store and communicating the particular information to the special number service station.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2005
(21) Application No.3889/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR CALCULATING SOFT DECISION VALUE INPUT TO CHANNEL DECODER IN A DATA COMMUNICATION SYSTEM"

(51) International classification :H04L 25/06
(31) Priority Document No :57622/2001
(32) Priority Date :18/09/2001
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR02/01740
Filing Date :17/09/2002
(87) International Publication No :WO 03/026243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :00759/DELNP/2003
Filed on :19/05/2003

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No of Pages : 24
No of Claims : 4

(57) Abstract :
A 64-ary QAM (Quadrature Amplitude Modulation) demodulation apparatus and method for receiving an input signal Rk(Xk,Yk) comprised of a kth quadrature-phase signal Yk and a kth in-phase signal Xk, and generating soft decision values A(sk 5), A(sk 4), A(sk3), A(sk2), A(sk,1) and A(sko) for the input signal Rk(Xk, Yk are disclosed. A first soft decision value generator receives the quadrature-phase signal Yk of the received signal Rk and a distance value 2a between six demodulated symbols on the same axis. A second soft decision value generator receives the in-phase signal Xk of the received signal Rk and the distance value 2a between the six demodulated symbols on the same axis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.389/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF OLEFIN SULFONATES

(51) International classification :C07C 303/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 12

(57) Abstract :
The present invention relates to a process for the preparation of olefin sulfonates. The invention is particularly related to the production of such sulfonates from unsaturated hydrocarbons by reacting them with bisulfite in the presence of a free radical initiator and solvent reaction media. More particularly this invention relates to the preparation of alkane sulfonates using the addition of bisulfite ions to olefins present in the distillates from thermal cracking operations such as coker or visbreaking.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.389/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : " A PROCESS FOR THE PREPARATION OF PRESERVED WHITE ONION PASTE"

(51) International classification :
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHYAMRAO GURURAO KULKARNI
3)ASWATHANARAYANA USHADEVI

No of Pages : 15
No of Claims : 5

(57) Abstract :
The present invention relates to a process for the preparation of preserved white onion paste and products thereof. Onion is one of the important vegetable of India. Onions are used widely in various traditional food preparations in different parts of the country

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2005

(21) Application No.3895/DELNP/2005 A
(43) Publication Date : 27/04/2007

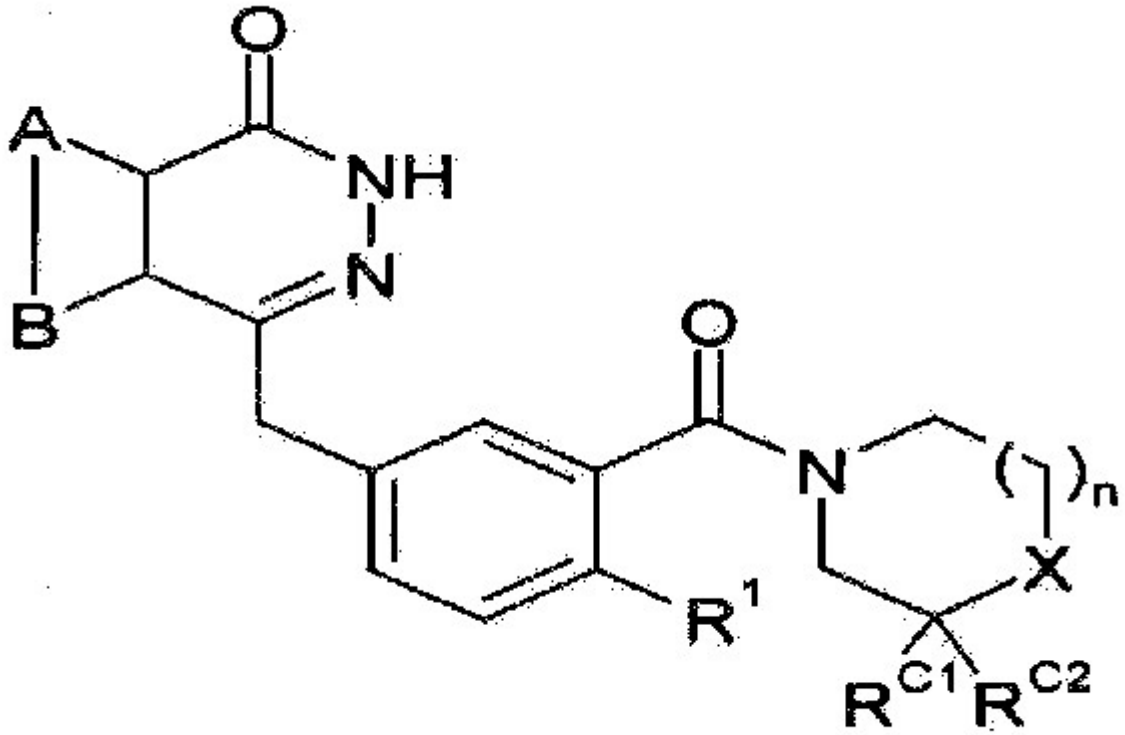
(54) Title of the invention : PHTHALAZINONE DERIVATIVES

(51) International classification :C07D 237/32
(31) Priority Document No :60/454,995
(32) Priority Date :14/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2004/001059
Filing Date :12/03/2004
(87) International Publication No :WO 2004/080976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)MENEAR, KEITH ALLAN
8)KERRIGAN, FRANK
9)ASHWORTH, ALAN

No of Pages : 96
No of Claims : 21

(57) Abstract :
Compounds of the formula (I): wherein A and B together represent an optionally substituted, fused aromatic ring; X can be NRX or CRXRY; if X = NRX then n is 1 or 2 and if X = CRXRY then n is 1; Rx is selected from the group consisting of H, optionally substituted C1-20 alkyl, C5-20 aryl, C3-20 heterocyclyl, amido, thioamido, ester, acyl, and sulfonyl groups; RY is selected from H, hydroxy, amino; or Rx and RY may together form a spiro-C3-7 cycloalkyl or heterocyclyl group; RC1 and RC2 are both hydrogen, or when X is CRXRY, RC1, RC2, Rx and RY, together with the carbon atoms to which they are attached, may form an optionally substituted fused aromatic ring; and R1 is selected from H and halo.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.390/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF HIGH-OCTANE GASOLINE FROM STRAIGHT RUN LIGHT NAPHTHA ON PT CONTAINING HZSM-5 MOLECULAR SIEVE CATALYST

(51) International classification	:C10G 69/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SURINDER MOHAN DHIR
3)LALJI DIXIT
4)SNEH CHOPRA

No of Pages : 16
No of Claims : 2

(57) Abstract :
The present invention relates to a process for the production of high-octane gasoline from straight run light naphtha on Pt containing HZSM-5 molecular sieve catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.390/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF PURE PHYCOCYANIN CONCENTRATE

(51) International classification	:C07K 1/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)KARUMANCHI SRISHYLA MALLIKARJUNA SRINIVASA RAGHAVARAO

No of Pages : 15
No of Claims : 4

(57) Abstract :
The present invention relates to an improved process for the preparaion of pure phycocyanin concentrate. The present invention more particularly relates to an improved process for the concentration and purification of phycocyanin obtained from blue-green algae employing aqueous two-phase extraction

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2004

(21) Application No.3904/DELNP/2004 A
(43) Publication Date : 27/04/2007

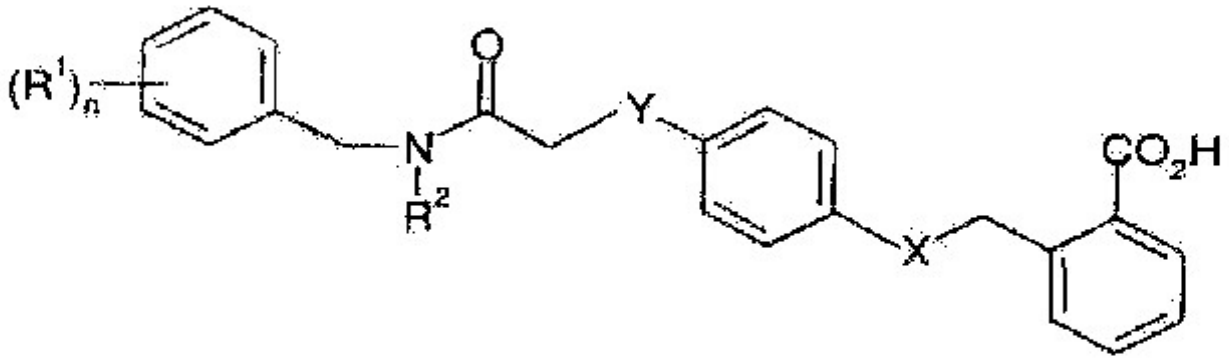
(54) Title of the invention : "ORTHO-SUBSTITUTED BENZOIC ACID DERIVATIVES FOR THE TREATMENT OF INSULIN RESISTANCE"

(51) International classification	:C07C 235/34
(31) Priority Document No	:0201935-4
(32) Priority Date	:20/06/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/GB2003/002584
Filing Date	:17/06/2003
(87) International Publication No	:WO 2004/000790
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LANNA LI

No of Pages : 56
No of Claims : 18

(57) Abstract :
The present invention provides a compound of formula (I), wherein n is 0, 1 or 2 and R1 represents halo, a C1-4alkyl group which is optionally substituted by one or more fluoro, a C1-4alkoxy group which is optionally substituted by one or more fluoro and wherein when n is 2 the substituents R1 may be the same or different; R2 represents a C2-8alkyl group which is optionally interrupted by oxygen; Y is absent or represents methylene; and X is O or S; and pharmaceutically acceptable salts and prodrugs thereof, to processes for preparing such compounds, to their utility in treating clinical conditions associated with insulin resistance, to methods for their therapeutic use and to pharmaceutical compositions containing them.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2004

(21) Application No.3906/DELNP/2004 A
(43) Publication Date : 27/04/2007

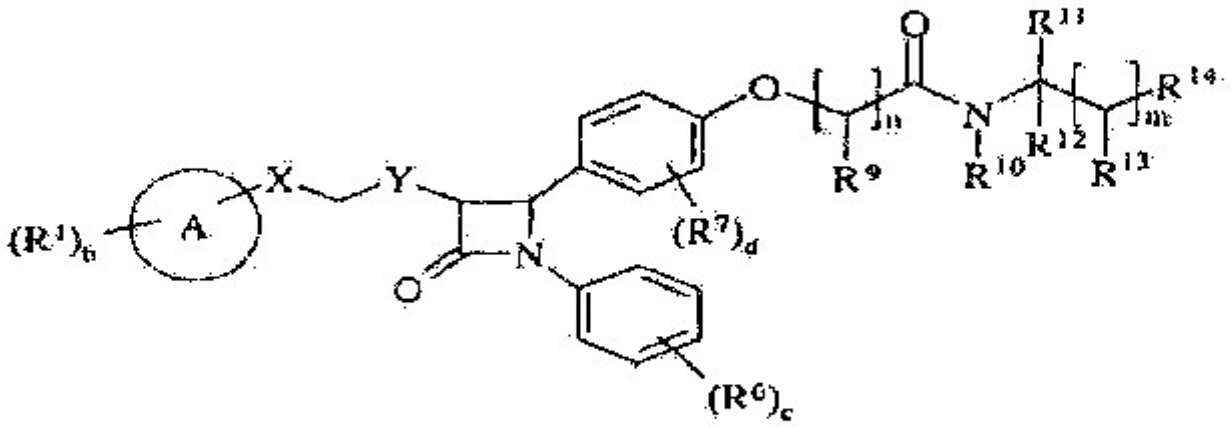
(54) Title of the invention : "DIPHENYLAZETIDINONE DERIVATIVES FOR TREATING DISORDERS OF THE LIPID METABOLISM"

(51) International classification :C07D 205/08
(31) Priority Document No :0215579.4
(32) Priority Date :05/07/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/002811
Filing Date :01/07/2003
(87) International Publication No :WO 2004/005247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TORE SKJARET
6)MALIN ANITA LEMURELL

No of Pages : 129
No of Claims : 36

(57) Abstract :
Compounds of formula (1): (wherein variable groups are as defined within) pharmaceutically aeceptable salts, sol-vales, solvates of such salts and prodrugs thereof and their use as cholesterol absorption inhibitors for the treatment of hyperlipidaemia are described. Processes for their manufacture and pharmaceutical compositions containing them are also described.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2005
(21) Application No.3906/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS AND COMPOSITIONS FOR THE TREATMENTAND PREVENTION FO STAPHYLOCOCCUS AND OTHER BACTERIAL INFECTIONS"

(51) International classification :A61K
(31) Priority Document No :10/358,448
(32) Priority Date :03/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/002679
Filing Date :30/01/2004
(87) International Publication No :WO 2005/009396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 63
No of Claims : 16

(57) Abstract :
The invention features methods and compositions for treatment or prevention of infection by, or disease caused by infection with, certain species of bacteria, including in particular bacteria in which a RAP-type and/or TRAP-type molecule plays a role in pathogenesis. This includes Staphytococcus species.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3917/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR DETECTING PRP USING A MOLECULE CONTAINING AT LEAST ONE POSITIVE CHARGE AND/OR AT LEAST ONE OSIDIC BOND AND A LIGAND OTHER THAN A PROTEINIC LEGAND"

(51) International classification :C12Q 1/37
(31) Priority Document No :0400492
(32) Priority Date :20/01/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000118
Filing Date :19/01/2005
(87) International Publication No :WO 2005/080590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)ALY MOUSSA
8)HERVE PERRON
9)FREDERIC RONZON

No of Pages : 62
No of Claims : 17

(57) Abstract :
The invention relates to a method tor detecting PrP in a biological human or animal sample that may contain 1YP. the inventive method is characterised in that it uses a molecule containing at least one positive charge and/or at least one osidic bond and a ligand other than a proteinic ligand selected from macrocyclic ligands and glycosaminoglycanes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3918/DELNP/2006 A
(43) Publication Date : 27/04/2007

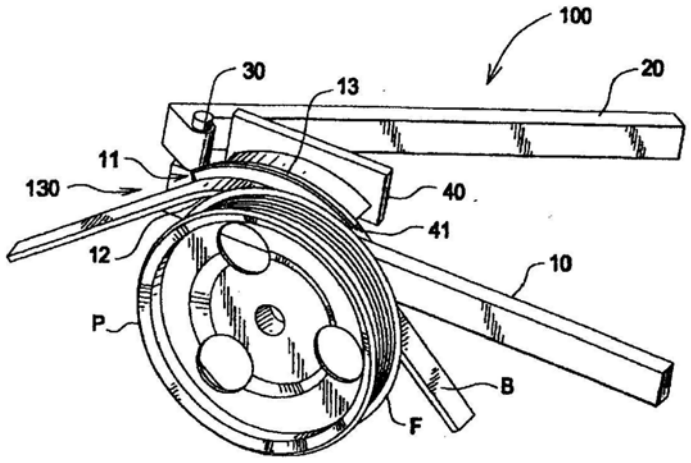
(54) Title of the invention : BELT INSTALLATION TOOL

(51) International classification	:F16H 7/24
(31) Priority Document No	:10/767,311
(32) Priority Date	:29/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000997
Filing Date	:13/01/2005
(87) International Publication No	:WO 2005/073596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 11
No of Claims : 7

(57) Abstract :
A belt installation tool (100) for installing a belt without rotating the pulley (P) or the tool about a pulley axis of rotation. The tool comprises a ramp (11) that engages a pulley flange (F). The ramp (11) comprises a connecting member for connecting the ramp (l 1) to the flange (F). After the ramp is connected to a pulley flange a belt is loosely engaged with the ramp. A first lever arm (10) connected to the ramp is used to pry the ramp and belt outward by pivoting about the first connecting member until a second connecting member is engaged with the pulley flange. The ramp further comprises a member for laterally nrging the belt. Once the ramp is fixed on the pulley flange a second lever arm (20), connected at a pivot point, urges the belt laterally onto the pulley. The second lever arm (20) is moveable in a direction normal to the movement of the first lever arm, thereby laterally nrging the belt onto a pulley.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2005
(21) Application No.3919/DELNP/2005 A
(43) Publication Date : 27/04/2007

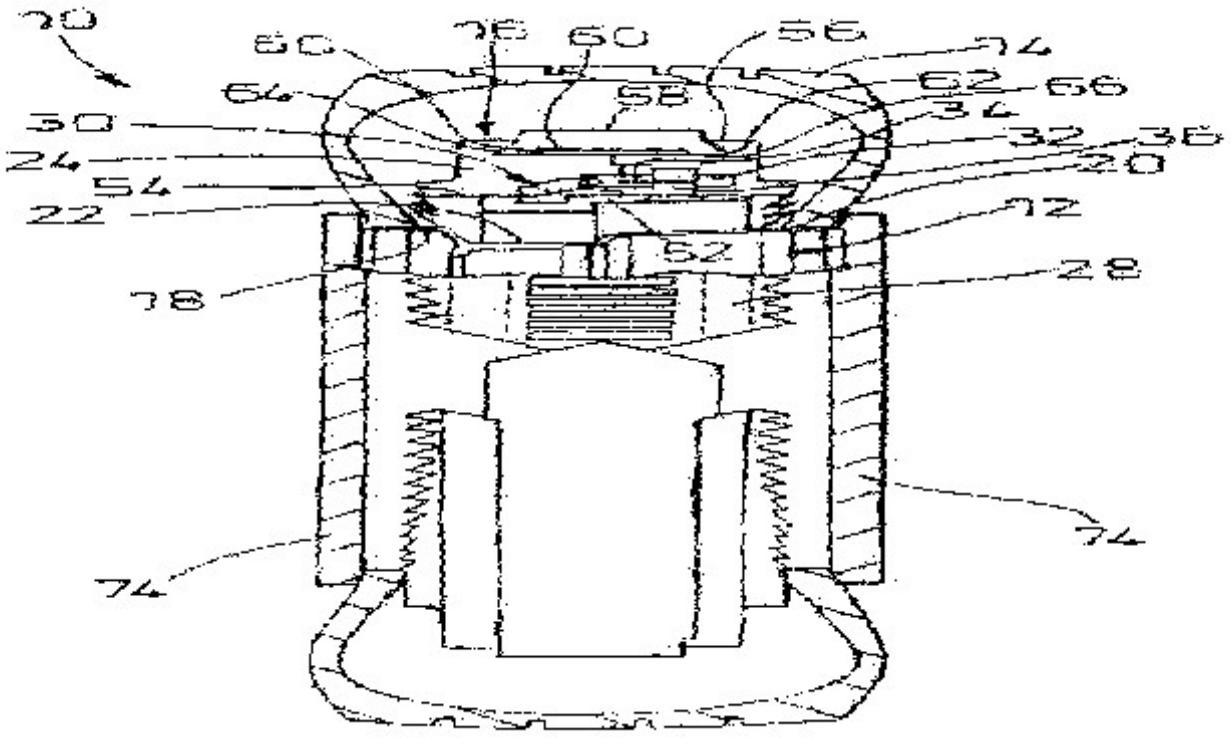
(54) Title of the invention : "A WHEEL UNIT"

(51) International classification :B60C 17/04
(31) Priority Document No :0302515.2
(32) Priority Date :04/02/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/000428
Filing Date :04/02/2004
(87) International Publication No :WO 2004/069564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 16

(57) Abstract :
A wheel unit (l2) comprises a wheel) rim (12), a pneumatic tyre (14) receivable on the wheel rim (12} and a runflai assembly (16) adapted to be seated on the wheel rim (12) to dose off a well (22) provided in the wheel rim (12'). The runflai assembly (16i includes an annular support body (24) which is radially expandable to an expanded condition and contraction means (28,30) adapted to be operated via an opening (78) formed in the wheel rim (12). The contraction means (2S, 3D), when activated, is operable on the support body (24) to cause the support body (24) to be contracted to a radially contracted condition. The contraction mean is accessible through the opening (78) 10 cause the support body (24) to be radially contracted to seat the runflai assembly (16) on the wheel rim (12) to close off the well (22). The support body (24), when in its contracted condition, has a diameter greater than that of the wheel rim (12)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3919/DELNP/2006 A
(43) Publication Date : 27/04/2007

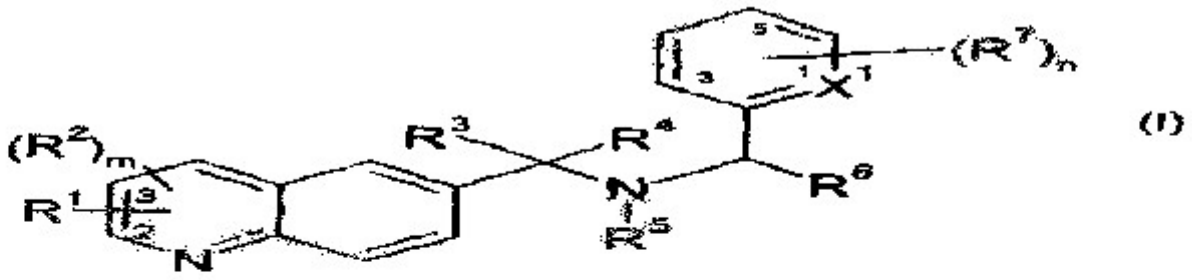
(54) Title of the invention : SUBSTITUTED QUINOLINE COMPOUNDS

(51) International classification :A61K 31/47
(31) Priority Document No :60/541,678
(32) Priority Date :04/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000167
Filing Date :24/01/2005
(87) International Publication No :WO 2005/080373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RALPH PELTON ROBINSON
6)DEREKK LAWRENCE TICKNER

No of Pages : 157
No of Claims : 28

(57) Abstract :
This invention relates to MTP/Apo B secretion inhibitors of Formula (0 wherein R1-R7, X1, m and n are as defined in the specification, as well as pharmaceutical compositions comprising the compounds, and methods of use of the compounds and compositions. The compounds of the invention are useful in treating obesity and associated diseases, conditions or disorders.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.392/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCTION OF CAROTENOID RICH SPINILINA

(51) International classification	:A23L 1/325
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 21
No of Claims : 4

(57) Abstract :
Present invention relates to a process for preparation of carotenoid rich Spirulina. The colour reduced, carotenoid rich Spirulina finds application in food products as a nutritional supplement at higher proportions. The unprocessed biomass otherwise imparts undesirable dark colour to the food products thereby limiting its application. The pigments extracted during this process can be concentrated and further finds application as food or cosmetic colourants.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3920/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOUNDS FOR TARGETING"

(51) International classification :C12N 15/02
(31) Priority Document No :60/534,307
(32) Priority Date :05/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2005/000007
Filing Date :05/01/2005
(87) International Publication No :WO 2005/066348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)RAKESH VERMAN

No of Pages : 82
No of Claims : 52

(57) Abstract :
The invention provides a compound comprising a target specific portion and an effector portion wherein the target specific portion comprises or consists of a monoclonal antibody having specificity for oncofoetal fibronectin, or a fragment or variant thereof which retains the antigen binding specificity of the parent monoclonal antibody and the effector portion comprises or consists of interleukin-12, or a functional fragment or variant thereof, characterised in the monoclonal antibody having specificity for oncofoetal fibronectin binds to a region of oncofoetal fibronectin other than the ED-B region. The invention further provides nucleic acids encoding the compounds of the invention, and the use of such compounds in medicine, e.g. in the treatment of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3921/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITIONS COMPRISING HIV PROTEASE INHIBITOR AND CYTOCHROME P450 ENZYME ACTIVITY INHIBITOR"

(51) International classification :A61K 31/426
(31) Priority Document No :60/540,746
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000110
Filing Date :17/01/2005
(87) International Publication No :WO 2005/082364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EVAN BURR SMITH

No of Pages : 47
No of Claims : 14

(57) Abstract :
The present invention relates to methods for improving the pharmacokinetics of certain compounds useful as in-hibitors of the HIV protease enzyme by inhibiting the enzyme activity of cytochrome P450. The present invention also relates to compositions comprising certain compounds useful as inhibitors of the HIV protease enzyme and at least one agent that inhibits the enzyme activity of cytochrome P450.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3922/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESSES FOR PREPARING N-ACETYLCOLCHINOL & INTERMEDIATES USED IN SUCH PROCESSES"

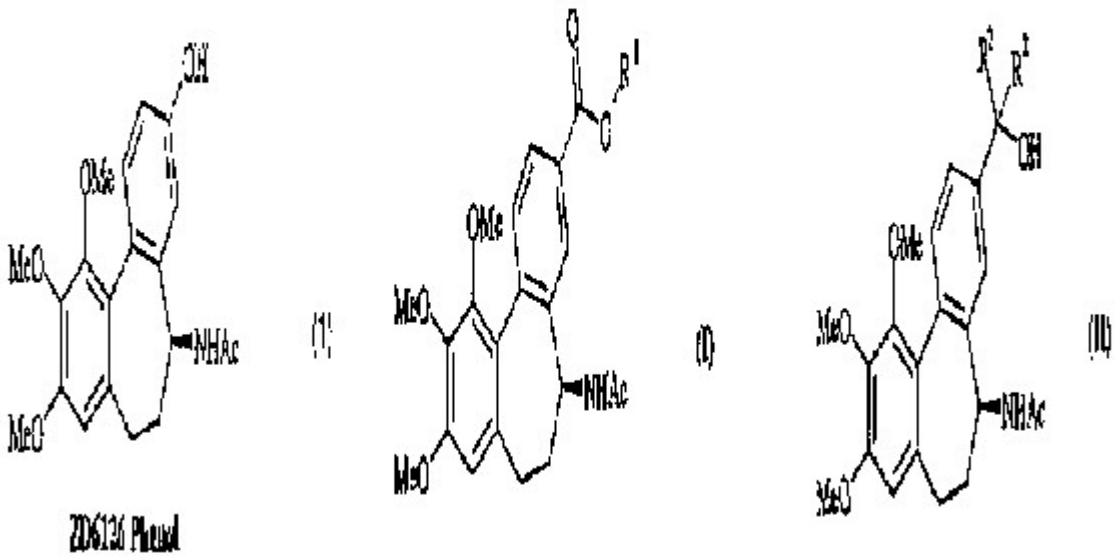
(51) International classification :C07D 231/12
(31) Priority Document No :0329771.0
(32) Priority Date :23/12/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/005389
Filing Date :21/12/2004
(87) International Publication No :WO 2005/061436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 29

No of Claims : 29

(57) Abstract :
A process for the preparation of ZD6126 Phenol (1) from allocolchicine or an ester derivative thereof of formula (I), or from a ZD6126 Alcohol of the Formula (11) wherein R1 and R2 are as defined in the description. Also claimed are intermediates, processes for their preparation and the use of the intermediates in the manufacture of ZD6126 Phenol.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3923/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITION COMPRISING ETHYLENE COPOLYMERS AND POLYOLEFIN"

(51) International classification :C08L 23/08
(31) Priority Document No :60/535,107
(32) Priority Date :08/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000686
Filing Date :06/01/2005
(87) International Publication No :WO 2005/071009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STEPHEN R. TANNY

No of Pages : 35
No of Claims : 15

(57) Abstract :
Disclosed are compositions of ethylene/(meth)acrylate copolymers, polyolefins (e.g., polyethylene and polypropylene), optional tackifier resins and optional fillers that provide very strong, tight hermetic heat seals yet are easily peelable. These compositions are useful as an adhesive layer in multilayer structures that are useful as packaging lidding films. Also disclosed are packages that comprise these multilayer structures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3924/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TREATMENT OF PSYCHOSES WITH QUETIAPINE ANTIPSYCHOTIC"

(51) International classification :A61K 31/554
(31) Priority Document No :60/540,618
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2005/000094
Filing Date :27/01/2005
(87) International Publication No :WO 2005/072742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRIAN AULT
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5)WAYNE MACFADDEN
6)MARGARET MINKWITZ
7)JAMIE MULLEN
8)ELLIS WILSON

No of Pages : 11
No of Claims : 23

(57) Abstract :
The present invention provides methods for treating depression symptoms associated with bipolar disorder.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3925/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF RIBOSE IN RECOVERY FROM ANAESTHESIA"

(51) International classification :A61K 31/70
(31) Priority Document No :60/536,460
(32) Priority Date :14/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001435
Filing Date :14/01/2005
(87) International Publication No :WO 2005/067548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JOHN A. ST. CYR
2)DAVID A. PERKOWSKI

No of Pages : 27
No of Claims : 11

(57) Abstract :
D-Ribose is administered before and after general anaesthesia to reduce the time to recover from the effects of general anaesthesia. Preferably, pyrogen-free D-Ribose is administered intravenously during general anaesthesia and the interval post-anaesthesia before oral administration can be resumed. D-Glucose may be co-administered to reduce the effect of hypoglycemia that may be seen with D-Ribose administration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3926/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CONTROL SYSTEM FOR UNIFORM MOVEMENT OF MULTIPLE ROLLER SHADES"

(51) International classification :E06B 9/68
(31) Priority Document No :10/774,919
(32) Priority Date :09/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003740
Filing Date :04/02/2005
(87) International Publication No :WO 2005/078229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LAWRENCE R. CARMEN, JR.
2)DAVID J. DOLAN
3)MARK A. WALKER

No of Pages : 26
No of Claims : 20

(57) Abstract :
A system for controlling a roller shade having a roller tube windingly receiving a shade fabric varies roller tube rotational speed for constant linear shade speed. The desired linear shade speed, roller tube diameter and shade fabric thickness and length are stored in a memory for use by a microprocessor. Preferably, the roller tube rotational speed is varied by the microprocessor depending on shade position determined by signals from Hall effect sensors. The microprocessor maintains a counter number that is increased or decreased depending on direction of rotation. Based on the counter number, the microprocessor determines shade position and a corrected rotational speed for the desired linear shade speed. Preferably, the microprocessor controls roller tube rotational speed using a pulse width modulated signal. The system may be used to control first and second roller shades having roller tubes of differing diameters or shade fabrics of varying thicknesses.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3927/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MIXING ELEMENT AND STATIC FLUID MIXER USING THE SAME"

(51) International classification :B01F 5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2004/001631
Filing Date :16/02/2004
(87) International Publication No :WO 2005/077506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HISAO KOJIMA

No of Pages : 63
No of Claims : 21

(57) Abstract :
A mixing element, which is produced at low cost, has high mixture agitation effectiveness, and is easily made large, and a static fluid mixer using the mixing element are provided. Further, a gas-liquid treatment apparatus with high treatment ability is provided. A mixing element 1 includes: a cylindrical passage tube 2 through which fluid flows; a plurality of spiral rightward rotation type first blades 3 formed of a perforated object, which are provided in the passage tube 2; a first inner cylindrical tube 5 shaped like a cylinder and disposed inside the blades 3; a plurality of spiral rightward rotation type blades 6 provided in the inner cylindrical tube 5; and an opening 9 formed in the axial center portion of the blades 6. A static fluid mixer is formed by using at least one mixing element 1 mentioned above.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.393/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PORTABLE HUMIDITY GENERATOR

(51) International classification :G05D 22/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HARI KISHAN
2)BHIKHAM SINGH
3)SHIV DUTT SHARMA
4)OM PRAKASH

No of Pages : 19
No of Claims : 12

(57) Abstract :
A portable humidity generator which utilizes a source of nitrogen or air is described. It is based on the two-pressure technique. The carrier gas stream at an elevated pressure is supplied to a saturator which is expanded to a lower pressure into a test chamber. The ratio of the two absolute pressures provides relative humidity in the range of 5-95% with a stability of Â±1%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3938/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS AND APPARATUS FOR COOLING POLYMER IN A REACTOR"

(51) International classification :C08G 63/183
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/000144
Filing Date :06/01/2004
(87) International Publication No :WO 2005/068063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GIUSEPPINA REGINA BOVERI
3)PAUL ALVIN SECHRIST

No of Pages : 21
No of Claims : 12

(57) Abstract :
A process and apparatus is disclosed for heating or cooling polymer solids in a dispensing section (72) of a solid-state polycondensation reactor (34). Gas (38) is delivered to the dispensing section of the reactor in which it cools polymer solids in the dispensing section by direct heat exchange. Part of the gas is withdrawn at a point (92) proximate to the dispensing section of the reactor and purges polymer solids of impurities. The gas withdrawn from the reactive section of the reactor is oxidized of impurities and dried and then combined with the gas withdrawn proximate to the dispensing section of the reactor. To achieve uniform heating or cooling of the polymer solids in the dispensing section, a preferred ratio of mass flow rate of gas to the mass flow rate of solids is recommended.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.394/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PRODUCTION OF ORYZANOL ENRICHED FRACTION FROM RICE BRAN OIL SOAPSTOCK

(51) International classification	:C11B 3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)GOPAL CHANNAIAH
7)APPU RAO GOPALA RAO APPU RAO
8)VISHWESHWARIAH PRAKASH

No of Pages : 11
No of Claims : 7

(57) Abstract :
The present invention relates to an improved process for the production of oryzanol enriched fraction from rice bran oil soapstock; the present invention particularly relates to saponification, dehydration and leaching of rice bran oil soapstock for production of oryzanol enriched fraction.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3940/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLEXIBLE WALL HAVING FIRE RESISTANT PROPERTIES

(51) International classification :A62C 2/10
(31) Priority Document No :04100280.9
(32) Priority Date :27/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/050101
Filing Date :11/01/2005
(87) International Publication No :WO 2005/075024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOLDBERG, SIMON

No of Pages : 18
No of Claims : 10

(57) Abstract :
The invention concerns a fire-resistant flexible wall, comprising a first surface facing towards the fire, and an insulating material layer provided between a basalt fabric layer and a second surface opposite the first surface. The wall may comprise a second basalt fabric layer provided between the insulating material layer and the second surface. The wall may further comprise a continuous metal layer. Each layer plays a specific role (mechanical or fire resistance, thermal insulation, smoke shield or gas shield) and enables walls of large dimensions and high efficiency to be produced.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3941/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MECHANISM TO ALLOW USE OF TYPED EMERGENCY CALLS

(51) International classification :H04M 11/04
(31) Priority Document No :10/751,840
(32) Priority Date :05/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/003979
Filing Date :03/12/2004
(87) International Publication No :WO 2005/072048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAATU, JUHO

No of Pages : 25
No of Claims : 21

(57) Abstract :
A method and device are disclosed for accessing an emergency call number in a terminal. A signal sends a first identity to a smart card in the terminal, if access is sought to an emergency number readable by terminals that support calls for types of emergencies. If access is instead or additionally sought to at least one emergency number readable by substantially any terminal compatible with third generation specifications, then a second identity is sent to the smart card. Subsequently, the emergency number or numbers are received from the smart card. This smart card functions in a terminal configured to only send the second identity, and it also functions in a terminal configured to send both identities.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2004
(21) Application No.3942/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP) RECEPTOR (VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE"

(51) International classification :A61K
(31) Priority Document No :60/395,738
(32) Priority Date :12/07/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/021761
Filing Date :11/07/2003
(87) International Publication No :WO 2004/006839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)WEI WANG

No of Pages : 54
No of Claims : 53

(57) Abstract :
This invention provides novel peptides that function in vivo as agonists of the VPAC2 receptor. These insulin secretagogue polypeptides are shown to lower blood glucose in vivo more than controls upon glucose challenge. The polypeptides of this invention are also stable in formulation and have long half-lives. The peptides of the present invention provide a new therapy for patients with decreased endogenous insulin secretion, in particular type 2 diabetics. In particular, the invention is a polypeptide selected from a specific group of VPAC2-related polypeptides, or functional equivalents thereof. The invention is also directed to a method of treating a metabolic disease in a mammal comprising administering a therapeutically effective amount of the insulin secretagogue peptides to said mammal. Also disclosed are methods of making the peptides, both recombinant and synthetic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3942/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROBING METHOD FOR A MULTI-STATION NETWORK

(51) International classification :H04L 12/00
(31) Priority Document No :60/531,308
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/004111
Filing Date :14/12/2004
(87) International Publication No :WO 2005/062528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RODMAN, PAUL JONATHAN

No of Pages : 45
No of Claims : 15

(57) Abstract :
The invention relates to a method of operating a communication network, the network comprising a plurality of stations which are able to transmit data to and receive data from one another. The method comprises defining a first probing channel for the transmission of probe signals to other stations. Other stations which receive the first probe signals from a probing station indicate to the probing station their availability as destination or intermediate stations. A neighbor table comprising details of these other available stations is maintained at each station. Also, second probe signals are sent and received from stations in the neighbor table and a gradient table comprising data related to the cost of communicating with each neighbor station is maintained at each station, thereby to allow each station to select a predetermined number of intermediate stations for onward transmission of data from an originating station to a destination station at minimum cost.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3943/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DATA TRANSPORT PROTOCOL FOR A MULTI-STATION NETWORK

(51) International classification :H04L 12/28
(31) Priority Document No :60/531,309
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/004109
Filing Date :14/12/2004
(87) International Publication No :WO 2005/062536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 59
No of Claims : 14

(57) Abstract :
The invention relates to a method of operating a communication network, the network comprising a plurality of stations which are able to transmit data to and receive data from one another so that a message comprising a plurality of data packets is sent from an originating station to a destination station via at least one opportunistically selected intermediate station. The method makes use of probe signals transmitted from each station on a selected probing channel to which other stations respond to indicate their availability as destination or intermediate stations. A Request to Send message is sent, with a Clear to Send message returned by an available station. The station with data to send opportunistically selects an available station and the selected station uses a Packet Acknowledge message to confirm successful reception of the transmitted data packet. An End-to-End Acknowledge message is sent by the originating station, directly or indirectly, to confirm receipt of said data packets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3944/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND ARRANGEMENT FOR IMPLEMENTING MINIMUM ACTIVITY DURING DISCONTINOUS TRANSMISSION

(51) International classification :H04Q 7/30
(31) Priority Document No :PCT/FI2004/000049
(32) Priority Date :30/01/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000049
Filing Date :30/01/2004
(87) International Publication No :WO 2005/074309
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOKINEN HARRI

No of Pages : 17
No of Claims : 7

(57) Abstract :
A method and a device are considered for implementing minimum activity during discontinuous transmission in a telecommunication connection used to carry a service. The service is allowed to involve transmitting upper-level scheduled silence-breaking transmissions at predetermined regular intervals during otherwise silent periods. There is determined (407, 408, 409) a maximum length of a silent period that is longer than the predetermined regular intervals between upper-level scheduled silence-breaking transmissions. A Layer 2 entity of a protocol stack observes (411) the occurrence of silent periods and transmits (412) a dummy block over the telecommunication connection if the length of an observed silent period reaches said maximum length without an upper-level scheduled silence-breaking transmission having been transmitted.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3945/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REFLECTOR ANTENNA RADOME WITH BLACKLOBE SUPPRESSOR RING AND METHOD OF MANUFACTURING"

(51) International classification :H01Q 1/42
(31) Priority Document No :10/708,393
(32) Priority Date :27/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000284
Filing Date :03/02/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROY CAMPBELL
3)DAVID SUTHERLAND

No of Pages : 20
No of Claims : 18

(57) Abstract :
A radome adapted to reduce backlobes of an associated reflector antenna via application of a conductive ring with an inward facing edge about the periphery of the radome. The conductive ring may be appiied extending around the radome periphery to an inside and or outside surface of the radome. The conductive ring may be formed upon the radome by metalising, electrodaging, over molding or the like. Further, the conductive ring may be a metal, metallic foii, conductive foam or the like which is coupled to the radome. An absorber in the form of a ring or a surface coating appiied to the radome and or the distal end of the reflector may also be added between the radome and the reflector.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3949/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PACKAGING FOR PULVERULENT MATERIAL"

(51) International classification	:B65D 51/24
(31) Priority Document No	:04075365.9
(32) Priority Date	:05/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/NL2005/000089
Filing Date	:07/02/2005
(87) International Publication No	:WO 2005/075314
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

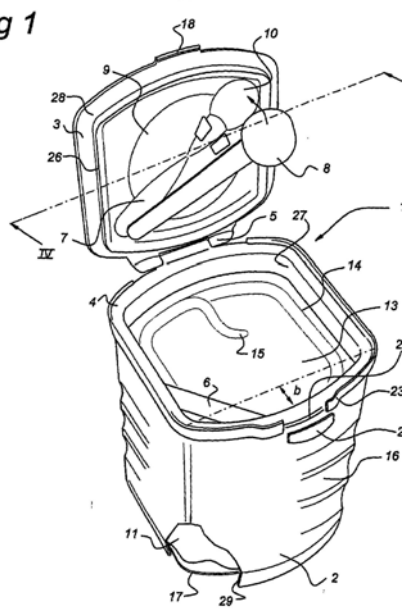
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No of Pages : 20
No of Claims : 20

(57) Abstract :
Packaging and method for the production thereof. A packaging for pulverulent material is proposed consisting of a container part (2), made up of a laminate consisting of paper (board) (20), metal foil (21) and plastic material (22). The powder is filled into such a container (2) and a seal (13) consisting of a plastic film that is fixed to the container wall by heat sealing is applied on top of the powder. A small gap remains between the film (13) and the lid (3) to be placed on the container (in the closed state). A scoop (8) is fitted in this gap. After first use, the scoop is snapped into a fixing (7) in the lid. The lid (3) is provided with an elevation (9,10) for accommodating the scoop in the lid.

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Fig 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.395/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF NATURAL COLOUR STABILIZED COUGH SYRUP MIXTURE

(51) International classification :A61K 35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)GOKARE ASWATHANARAYANA RAVISHANKAR

No of Pages : 12
No of Claims : 3

(57) Abstract :
The present invention particularly relates to an improved formulation with natural pigment - anthocyanin and betalaines for cough syrup. This formulation has use as an anti - asthmatic and anti-spasmodic for human use. Commercial syrup samples are pale-pink in color imparted due to synthetic dyes (carmine and sun set yellow FCF)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/02/2005
(21) Application No.395/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BRANCHED ALCOHOL-BASED PERSONAL CARE COMPOSITIONS"

(51) International classification :A61K 7/48
(31) Priority Document No :60/408,826
(32) Priority Date :07/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/028236
Filing Date :08/09/2003
(87) International Publication No :WO 2004/022029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VINSON, PHILIP
2)STIDHAM, ROBERT, EMERSON
3)CONNOR, DANIEL, STEDMAN
4)HEFFNER, JACK, CLINTON
5)CRIPE, THOMAS, ANTHONY
6)SCHEIBEL, JEFFREY, JOHN
7)KOTT, KEVIN, LEE

No of Pages : 20
No of Claims : 20

(57) Abstract :
Personal care compositions and methods for using them are provided. More particularly, the present invention relates to branched alcohol-based (alcohol and /or its derivatives) personal care compositions and methods employing same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3950/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BILLET SUPPORT SYSTEM FOR INDUCTION HEATING"

(51) International classification :H05B 6/10
(31) Priority Document No :60/538,132
(32) Priority Date :21/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001734
Filing Date :20/01/2005
(87) International Publication No :WO 2005/072215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CORDIER, JEAN-PIERRE, J.A.
2)DOYON, GARY, A
3)HOOPER, JOHN, H.
4)FISHMAN, OLEG, S.

No of Pages : 15
No of Claims : 21

(57) Abstract :
An apparatus and process are provided for supporting a billet inside an induction coil while the billet is being heated by electric induction. Two or more rails of a heat resistant ceramic material provide a curvilinear surface on which the billet can slide into and out of the coil and sit on during the heating process. Rail position adjustment means may be provided for moving the rails to accommodate billets of various sizes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3951/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TRANSMITTER PREDISTORTION CIRCUIT AND METHOD THEREFOR "

(51) International classification :H03D 3/24
(31) Priority Document No :10/766,768
(32) Priority Date :27/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002316
Filing Date :24/01/2005
(87) International Publication No :WO 2005/074121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MCCALLISTER, RONALD, D

No of Pages : 107
No of Claims : 28

(57) Abstract :
A digital communications transmitter (100) includes a digital linear-and-nonlinear predistortion section (200,1800, 2800) to compensate for linear and nonlinear distortion introduced by transmitter-analog components (120). A direct-digital-down-conversion section (300) generates a complex digital return-data stream (254) from the analog components (120) without introducing quadrature imbalance. A relatively low resolution exhibited by the return-data stream (254) is effectively increased through arithmetic processing. Distortion introduced by an analog-to-digital converter (304) may be compensated using a variety of adaptive techniques. Linear distortion is compensated using adaptive techniques with an equalizer (246) positioned in the forward-data stream (112). Nonlinear distortion is then compensated using adaptive techniques with a plurality of equalizers (226) that filter a plurality of orthogonal, higher-ordered-basis functions (214) generated from the forward-data stream (112). The filtered-basis functions are combined together and subtracted from the forward-data stream (112).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006

(21) Application No.3952/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DIE ENCAPSULATION USING A POROUS CARRIER

(51) International classification :H01L 21/44
(31) Priority Document No :10/774,977
(32) Priority Date :09/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001529
Filing Date :12/01/2005
(87) International Publication No :WO 2005/076794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AMRINE, CRAIG, S.
3)LISH, KEVIN, R.

No of Pages : 16
No of Claims : 35

(57) Abstract :
A process for encapsulating an integrated circuit die (403) using a porous carrier (101). In one example, an adhesive structure (e.g. tape) is applied to a porous carrier. Integrated circuit die is then placed on the adhesive structure. The integrated circuit die is then encapsulated to form an encapsulated structure (505). The carrier is then subjected to a solvent that passes through the carrier to reduce the adhesive strength of the adhesive structure for removal of the carrier from the encapsulated structure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.3953/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR INDICATING SERVICE SET INDENTIFIERS TO PROBE FOR

(51) International classification :H04Q 7/00
(31) Priority Document No :60/534,840
(32) Priority Date :06/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/004144
Filing Date :15/12/2004
(87) International Publication No :WO 2005/076639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ERONEN, PASI

No of Pages : 16
No of Claims : 29

(57) Abstract :
A method for use by a WLAN terminal in determining which of at least some SSIDs on a preferred SSID list hosted by the WLAN terminal are available at one or another accessible WLAN access point, based on sending probe messages to accessible WLAN access points, each probe message indicating a respective SSID, but sending such a probe message for an SSID on the list only if a respective indicator included in the list indicates that the WLAN terminal is to probe for the SSID.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3954/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF SENDING A PACKET THROUGH A NODE"

(51) International classification :H04L 12/28
(31) Priority Document No :10/707,916
(32) Priority Date :23/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001744
Filing Date :21/01/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RAMFELT, LARS

No of Pages : 30
No of Claims : 19

(57) Abstract :
The method is for sending information through a node and includes providing a node that has a first access port, a second access port, a first uplink and a second uplink. A first packet is sent via the first access port to the node. When the node is in a leaf mode, the node creates a tag inside the first packet. The tag contains a first port number corresponding to the first access port. When the node is in a branch node, the node adds the first port number to the tag and sends the packet in the first uplink and the second uplink. A second packet, received via the second access port, is sent via the first uplink of the node. The node receives the second packet. The node removes a second port number that corresponds to the second access port from the tag. The node sends the second packet via the second access port to another node or customer lower down in the node tree.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3955/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR VALVE ACTUATION

(51) International classification :F01L 13/00
(31) Priority Document No :60/532889
(32) Priority Date :30/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042476
Filing Date :16/12/2004
(87) International Publication No :WO 2005/065213 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 27
No of Claims : 17

(57) Abstract :
The present invention is directed to a system and method for actuating an engine valve. In one embodiment, the present invention is a system for providing exhaust gas recirculation (EGR) in an engine having at least one engine valve, the system comprising: means for imparting a valve train motion; a first valve actuation subsystem for transferring motion from the motion imparting means to the engine valve, the first valve actuation subsystem capable of providing valve actuation for at least a portion of a main exhaust event during a first engine operating condition, and a full main exhaust event during a second engine operating condition; and a second valve actuation subsystem for transferring motion from the motion imparting means to the engine valve, the second valve actuation subsystem capable of providing valve actuation for an exhaust gas recirculation event during the first engine operating condition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3956/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF REDUCING SERUM PROINSULIN LEVELS IN TYPE 2 DIABETICS"

(51) International classification	:A61K 38/28
(31) Priority Document No	:60/535,945
(32) Priority Date	:12/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000596
Filing Date	:10/01/2005
(87) International Publication No	:WO 2005/067964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ANDREAS PFUETZNER
3)HASAGER BOSS

No of Pages : 12
No of Claims : 21

(57) Abstract :
Methods are provided for reducing serum proinsulin levels, lessening post-prandial pancreatic stress, and reducing risk factors for atherosclerosis in subjects with diabetes mellitus, type 2. The method includes administration of insulin in a manner that mimics the meal-related first phase insulin response, using a dose sufficient to reduce serum levels of proinsulin. In some embodiments of the method insulin administration is commenced early in the course of the disease. Mimicking first phase kinetics, peak serum insulin levels can be reached within about 18 minutes of administration. In increasingly preferred embodiments peak serum insulin levels can be reached within about 15, 12, or 10 minutes of administration. Serum insulin levels return to baseline within about two hours of administration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3957/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SATELLITE/HANDS-FREE INTERLOCK SYSTEMS AND/OR COMPANION DEVICES FOR RADIOTERMINALS AND RELATED METHODS"

(51) International classification :H04B 7/185
(31) Priority Document No :60/560,221
(32) Priority Date :07/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011407
Filing Date :06/04/2005
(87) International Publication No :WO 2005/101692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PETER D. KARABINIS

No of Pages : 54
No of Claims : 77

(57) Abstract :
A radioterminal may include a transceiver, a hand-held interface coupled to the transceiver, and an interlock coupled to the transceiver. The transceiver may be configured to transmit and receive wireless communications, and the transceiver may be further configured to transmit high power communications at a high maximum power and/or EIRP and to transmit low power communications at a low maximum power and/or EIRP. The interlock may be configured to prevent the transceiver from transmitting high power communications at a power and/or EIRP that exceeds a threshold when the hand-held interface is activated. Related methods are also discussed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3958/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TRICYCLIC BENZAZEPINE DERIVATIVES AND THEIR USE"

(51) International classification :C07D 498/04
(31) Priority Document No :102004001871.5
(32) Priority Date :14/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014871
Filing Date :31/12/2004
(87) International Publication No :WO 2005/068472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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10)PETER KOLKHOF
11)PETER ELLINGHAUS
12)OLAF WEBER

No of Pages : 129
No of Claims : 12

(57) Abstract :
The present application relates to novel tricyclic benzazepine derivatives, processes for their preparation, their use for the treatment and/or prophylaxis of diseases, and their use for producing medicaments for the treatment and/or prophylaxis of diseases, preferably for the treatment and/or prevention of cardiovascular disorders, especially of dyslipidaemias, arteriosclerosis, restenosis and ischaemias.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3959/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTENNA DEVICE AND PORTABLE RADIO COMMUNICATION DEVICE COMPRISING SUCH AN ANTENNA DEVICE"

(51) International classification :H01Q 1/24
(31) Priority Document No :0400203-6
(32) Priority Date :02/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000115
Filing Date :01/02/2005
(87) International Publication No :WO 2005/074070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 12

(57) Abstract :
An antenna device for a portable radio communication device operable in at least a first and a second frequency band, and comprising a first electrically conductive planar radiating element (10) having a feeding portion (12) connectable to a feed device (RF) of the radio communication device, and a second electrically conductive planar radiating element (20) having a grounding portion connectable to ground. A controllable switch (30) is arranged between the first and second radiating elements for selectively interconnecting and disconnecting the radiating elements, wherein the state of the switch being controlled by means of a control voltage input (VSwitch). A first filter (16) is arranged between the feeding portion and the control voltage input, wherein the first filter is arranged to block radio frequency signals. By providing a high pass filter (32) between the first and second generally planar radiating elements provided above a ground plane, quad-band operation is provided with high efficiency in a physically small antenna device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.396/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A HIGH EFFICIENCY DOMESTIC OIL PRESSURE STOVE (OFFSET BURNER TYPE)

(51) International classification	:F23G 5/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 13
No of Claims : 8

(57) Abstract :
The present stove may be use in house-holds, restaurants, road side tea shops and hospitals using kerosene as a fuel. These stoves are either used regularly in village houses or kept as stand-by arrangement. They are popular in rural masses and are also used in urban and semi-urban areas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3960/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CIRCUIT ARRANGEMENT FOR DEGAUSSING A PICTURE TUBE, AND RESPECTIVE PICTURE DISPLAY DEVICE"

(51) International classification	:H04N 9/29
(31) Priority Document No	:102004004216.0
(32) Priority Date	:27/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000739
Filing Date	:26/01/2005
(87) International Publication No	:WO 2005/071975
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PETER HALUPCZOK

No of Pages : 14
No of Claims : 9

(57) Abstract :
The circuit arrangement for degaussing a picture tube comprises a degaussing coil (ES), a single PTC element (T) and a switch (R), the degaussing coil (ES), the single PTC element (T) and the switch (R) being connected in series For a degaussing, the degaussing coil (ES) is activated by means of the switch (R) for a defined time interval such that the switch-off takes place at an ampere-turns product of greater than 5.

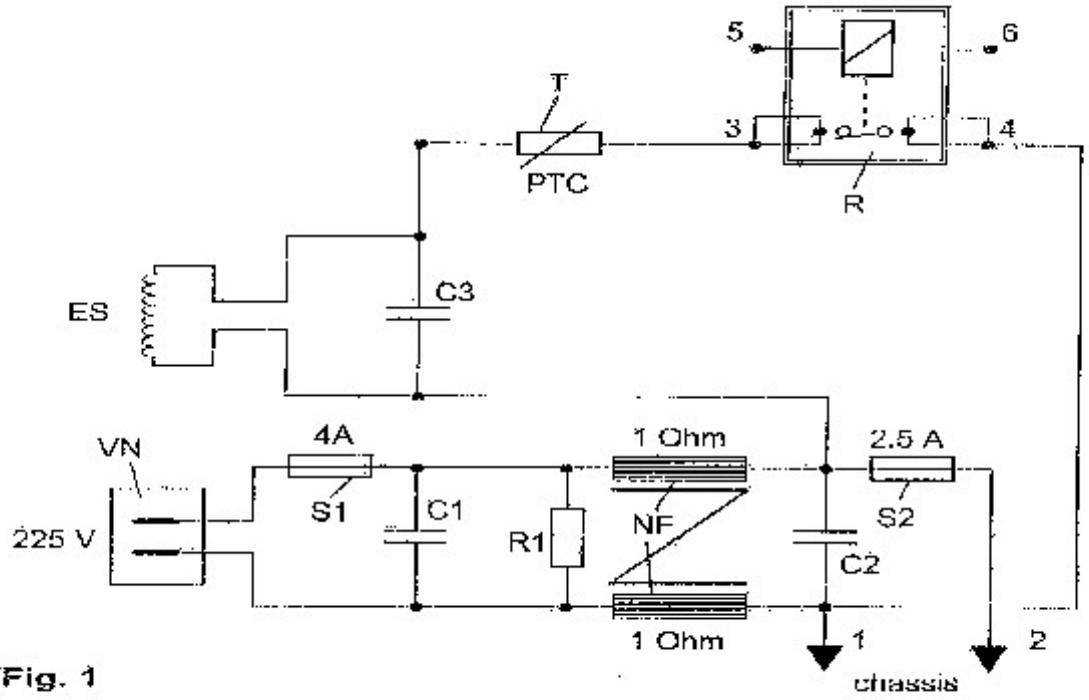


Fig. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3961/DELNP/2006 A
(43) Publication Date : 27/04/2007

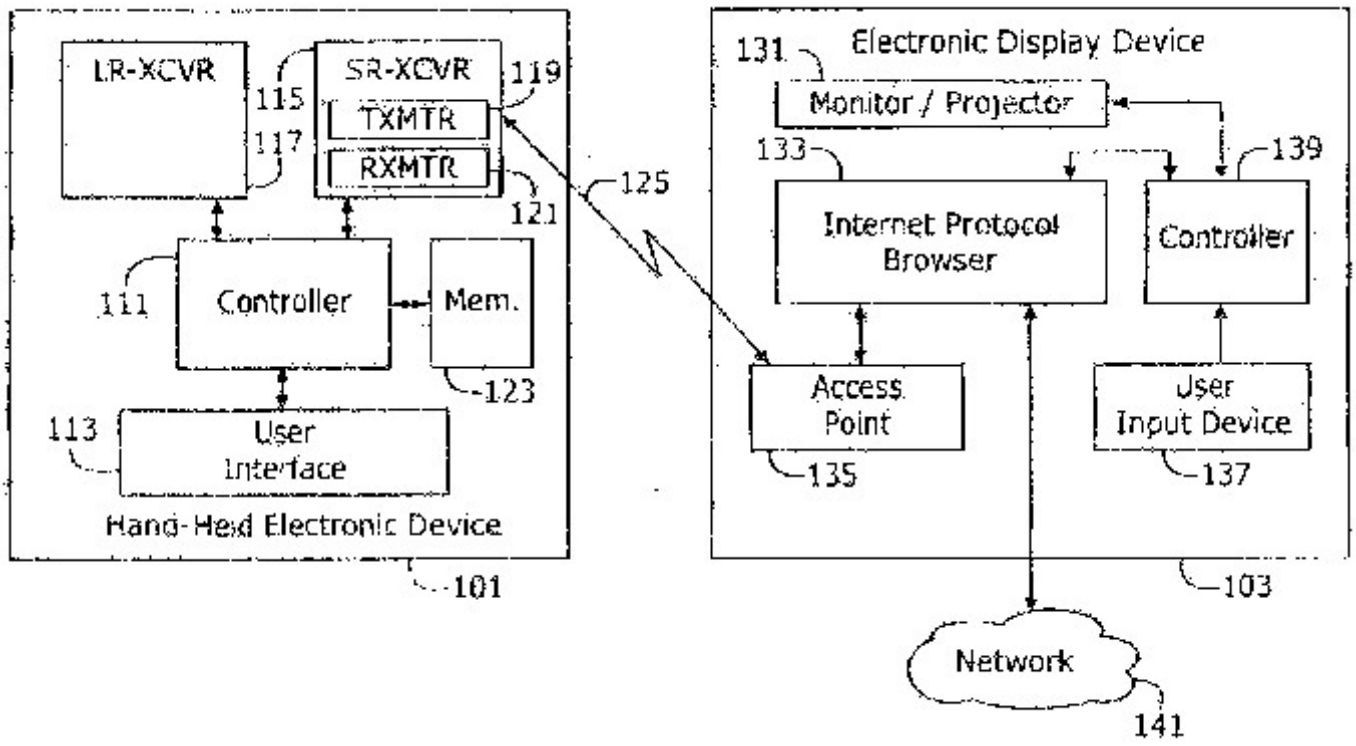
(54) Title of the invention : "HAND-HELD ELECTRONIC DEVICES CONFIGURED TO PROVIDE IMAGE DATA"

(51) International classification :H04N 1/00
(31) Priority Document No :10/809,179
(32) Priority Date :25/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036884
Filing Date :08/11/2004
(87) International Publication No :WO 2005/104521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WILLIAM O. CAMP, JR.

No of Pages : 33
No of Claims : 30

(57) Abstract :
A hand held electronic device may include memory, a transmitter, and a controller. The memory may be configured to store image data within the hand-held electronic device, and the transmitter may be configured to provide a wireless link with a remote electronic display. The controller may be coupled to the memory and to the transmitter. Moreover, the controller may be configured to provide the image data in an Internet protocol format, and the transmitter may be configured to transmit the image data over the wireless link in the Internet protocol format. Related display devices and methods are also discussed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3962/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE CATALYTIC HYDRODEALKYLATION OF ALKYLAROMATIC HYDROCARBONS"

(51) International classification :C10G 47/18
(31) Priority Document No :MI 2004 A000077
(32) Priority Date :22/01/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2004/014165
Filing Date :13/12/2004
(87) International Publication No :WO 2005/071045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VITTORIO ARCA
2)ANGELO BOSCOLO BOSCOLETTO

No of Pages : 27
No of Claims : 14

(57) Abstract :
Process for the catalytic hydrodealkylation alone of hydrocarbons, comprising C8-C13 alkylaromatic compounds, optionally mixed with C4-C9 aliphatic and cycloaliphatic products, which comprises treating said hydrocarbon compositions, in con tinuous and in the presence of hydrogen, with a catalyst consisting of a ZSM-5 zeolite, as such or in a bound form, wherein Ihe Si/Al molar ratio in the ZSM 5 ranges from 5 to 35, modified with at least one metal selected from those belonging to groups IIB, VIB, VIII, at a temperature ranging from 400 to 650Â°C, a pressure ranging from 2 to 4 MPa and a H2/charge molar ratio ranging from 3 to 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3963/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VALVE OPERATION DEVICE FOR INTERNAL COMBUSTION ENGINE"

(51) International classification :F01L 13/00
(31) Priority Document No :2004-012498
(32) Priority Date :20/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/001033
Filing Date :20/01/2005
(87) International Publication No :WO 2005/068789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KAZUYA TANABE
2)YUTAKA INOMOTO
3)TAKASHI TSUTSUMIZAKI

No of Pages : 89
No of Claims : 6

(57) Abstract :
A valve characteristic varying mechanism M of a valve operation device 40 changes an overlap period and a non-overlap period to thereby control an internal EGR rate. The valve characteristic varyingmechanismM comprises a control mechanism M3 for swinging an intake link mechanism connected to an intake cam 53 and an exhaust link mechanism connected to an exhaust cam 54 about a camshaft 50, and a driving mechanism for driving the control mechanism M3. The control mechanism M3 connects the driving mechanism with the respective link mechanisms so that a retarded amount in an opening time of an intake valve 22 by the intake link mechanism is greater than an advanced amount of a closing time of an exhaust valve 23 by the exhaust link mechanism when assuming the same driving amount by the driving mechanism in a direction where the internal EGR rate increases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3964/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MUSCARINIC ACETYLCHOLINE RECEPTOR ANTAGONISTS"

(51) International classification :A61K 31/497
(31) Priority Document No :60/536,092
(32) Priority Date :13/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001333
Filing Date :13/01/2005
(87) International Publication No :WO 2005/067537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DRAMANE IBRAHIM LAINE
2)MICHAEL R. PALOVICH
3)ALEXANDER G. PRESTON
4)ANTHONY WILLIAM JAMES COOPER

No of Pages : 87
No of Claims : 12

(57) Abstract :
Muscarinic Acetylcholine Receptor Antagonists and methods of using them are provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3965/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HAND-HELD ELECTRONICALLY CONTROLLED INJECTION DEVICE FOR INJECTING LIQUID MEDICATIONS"

(51) International classification :A61M 5/20
(31) Priority Document No :04100647.9
(32) Priority Date :18/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/050711
Filing Date :17/02/2005
(87) International Publication No :WO 2005/077441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARES TRADING S.A.
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(72)**Name of Inventor :**
1)VINCENT PONGPAIROCHANA
2)TIMOTHY JOHN MACLEAN A
3)ROBERT PRASSER
4)GERHARD LAUCHARD
5)WERNER WURMBAUER
6)GERHARD KOGLER

No of Pages : 54
No of Claims : 32

(57) Abstract :
There is described a hand-held, electronically con-trolled injection device (1) for injecting preset doses of liquid medications, having a housing (2) for receiving a cartridge (4) containing the liquid medication and having a contact surface (16) for contacting a patient's skin; and actuator means (41) for moving the cartridge (4) within the housing (2) to and from the contact surface (16).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3966/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SEMICONDUCTOR LIGHT EMITTING DEVICES INCLUDING FLEXIBLE FILM HAVING THEREIN AN OPTICAL ELEMENT, AND METHODS OF ASSEMBLING SAME "

(51) International classification :H01L 33/00
(31) Priority Document No :10/811,598
(32) Priority Date :29/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001714
Filing Date :19/01/2005
(87) International Publication No :WO 2005/104252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GERALD H. NEGLEY

No of Pages : 25
No of Claims : 46

(57) Abstract :
Semiconductor light emitting devices include a substrate having a face, a flexible film that includes therein an optical element, on the face, and a semiconductor light emitting element between the substrate and the flexible film and configured to emit light through the optical element. The face can include a cavity therein, and the semiconductor light emitting element may be in the cavity. The flexible film extends onto the face beyond the cavity, and the optical element overlies the cavity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.3967/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTERIOR OCULAR SEGMENT RELATED CELL SHEETS, THREE-DIMENSIONAL STRUCTURES AND PROCESSES FOR PRODUCING THE SAME."

(51) International classification :C12N 5/06
(31) Priority Document No :PCT/JP03/001248
(32) Priority Date :06/02/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/001248
Filing Date :06/02/2003
(87) International Publication No :WO 2004/070023
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMATO MASAYUKI
2)OKANO TERUO

No of Pages : 31
No of Claims : 16

(57) Abstract :
An anterior ocular segment related cell sheet or three-dimensional structure that have only a few structural defects as they have been recovered retaining the intercellular desmosome structure and the basement membrane-like protein between cell and substrate. The anterior ocular segment related cell sheet or three-dimensional structure is produced by a process comprising the steps of cultivating cells on a cell culture support comprising a substrate having its surface covered with a temperature responsive polymer having an upper or lower critical dissolution temperature of 0-80°C with respect to water, optionally stratifying the layer of cultured cells by the usual method, and thereafter, (1) adjusting the temperature of the culture solution to either above the upper critical dissolution temperature or below the lower critical dissolution temperature, and further optionally (2) bringing the cultured anterior ocular segment related cell sheet or three-dimensional structure into close contact with a polymer membrane, and (3) detaching the sheet or three-dimensional structure together with the polymer membrane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3967/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DIFFERENT UTILIZATION OF SATELLITE FREQUENCY BANDS BY A SPACE-BASED NETWORK AND AN ANCILLARY TERRESTRIAL NETWORK "

(51) International classification :H04B 7/185
(31) Priority Document No :60/561,325
(32) Priority Date :12/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012100
Filing Date :08/04/2005
(87) International Publication No :WO 2005/101693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ATC TECHNOLOGIES, LLC.
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(72)**Name of Inventor :**
1)PETER D. KARABINIS

No of Pages : 33
No of Claims : 60

(57) Abstract :
A radioterminal communications system includes an ancillary terrestrial component configured to receive from at least some of a plurality of radioterminals using frequencies from a first satellite frequency band (e.g., an L-band) and to transmit to at least some of the plurality of radioterminals using frequencies from a second satellite frequency band (e.g., an S-band). The system further includes a space-based component configured to communicate with the plurality of radioterminals using at least some of the frequencies from the first satellite frequency band and/or at least some of the frequencies from the second satellite frequency band.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.3968/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CORNEAL EPITHELIUM FORMING CELL SHEETS, PROCESSES FOR PRODUCING THE SAME AND METHODS OF USING THE SAME."

(51) International classification :A61L 27/38
(31) Priority Document No :2003-068899
(32) Priority Date :06/02/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/001274
Filing Date :06/02/2004
(87) International Publication No :WO 2004/069295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)NISHIDA KOHJI
3)YAMATO MASAYUKI

No of Pages : 41
No of Claims : 26

(57) Abstract :
The present invention has as its objective providing acorneal epithelium forming cell sheet that will adhere well to an anterior segment tissue. To attain this objective, a corneal epithelium forming cell sheet is produced by a process comprising the steps of cultivating under specified conditions corneal epithelium forming cells on a cell culture support comprising a substrate having its surface covered with a temperature responsive polymer of which the hydrating force varies in a temperature range of 0-80Â°C, optionally stratifying the layer of cultured cells, and thereafter, (1) adjusting the temperature of the culture solution to either above an upper critical dissolution temperature or below a lower critical dissolution temperature, (2) bringing the cultured corneal epithelium forming cells into close contact with a carrier, and (3) detaching the sheet together with the carrier under specified conditions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3968/DELNP/2006 A
(43) Publication Date : 27/04/2007

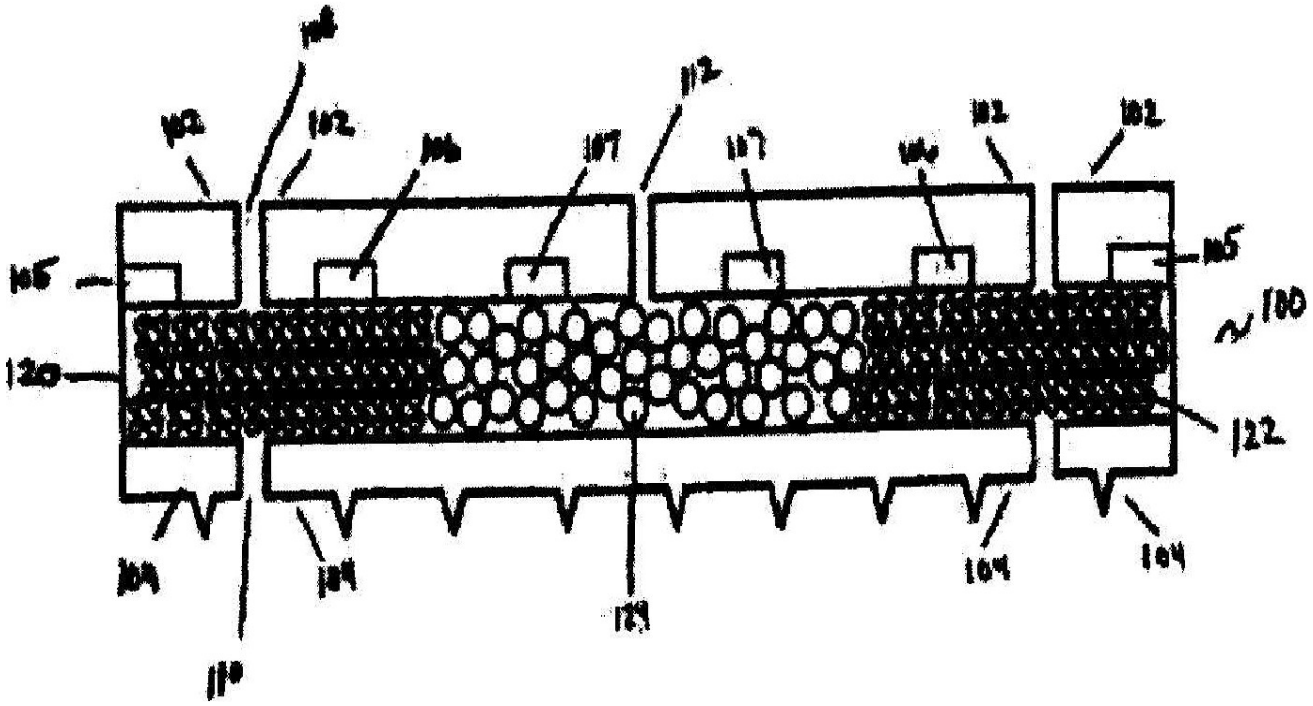
(54) Title of the invention : SORPTION METHOD, DEVICE, AND SYSTEM

(51) International classification	:B01D 15/00
(31) Priority Document No	:10/730,278
(32) Priority Date	:09/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041264
Filing Date	:08/12/2004
(87) International Publication No	:WO 2005/081722
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GALBRAITH STEPHEN DOUGLAS

No of Pages : 140
No of Claims : 337

(57) Abstract :
The invention relates to a method of separating components of a fluid mixture comprising the steps of providing a fluid, providing a sorbent structure (120), sorbing a first component of the fluid, desorbing the first component, and electrokinetically biasing the first component in a direction other than the vector of the fluid mixture.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3969/DELNP/2006 A
(43) Publication Date : 27/04/2007

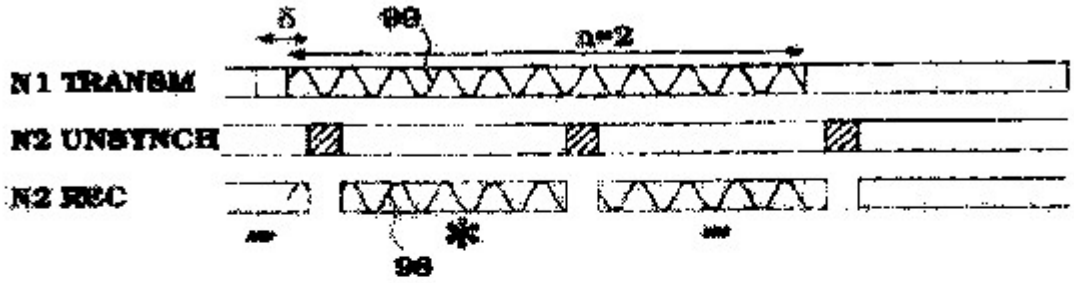
(54) Title of the invention : WIRELESS MULTICARRIER SYSTEM WITH SUBCARRIERS RESERVED FOR COMMUNICATION BETWEEN UNSYNCHRONIZED NODES

(51) International classification	:H04L 27/26
(31) Priority Document No	:03104617.0
(32) Priority Date	:10/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2004/053193
Filing Date	:01/12/2004
(87) International Publication No	:WO 2005/060194
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NYSTROM, JOHAN
2)FRENGER, PAL
3)DAHLMAN, ERIK

No of Pages : 41
No of Claims : 31

(57) Abstract :
In a system applying orthogonal frequency division multiplexing, OFDM, a number of carriers are reserved for communication between unsynchronised nodes (Nl, N2). At least one such reserved carrier is assigned to each base station. A sinusoidal signal is transmitted on this reserved carrier during a time period at least equal to two consecutive OFDM symbols. The unsynchronised receiver detects the sinusoidal signal during one of two consecutive OFDM symbol time periods. The existence, the frequency and the signal power of the signal give information about the existence and Identity of the transmitter. Also, estimates of relative velocities and distances can be deduced. In preferred embodiments, the sinusoidal signal can also be used to transmit further information by using signal modulation or coding that is independent of the absolute signal phase.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.397/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED MEDIUM FOR REGENERATIONOF TRANSGENIC SECONDARY EMBRYOS OF COFFEA CANEPHORA.P.EX.FR

(51) International classification	:A23F 5/00	(71)**Name of Applicant :** **1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH** Address of Applicant :RAFI MARG, NEW DELHI-110 001, INDIA. Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)VINOD KUMAR**
Filing Date	:NA	**2)ERUMATHURUTHIL PADMANABHAN JNDU**
(87) International Publication No	:NA	**3)KANDUKURI VENKATA SATYANARAYANA**
(61) Patent of Addition to Application Number	:NA	**4)GIRIDHAR PARVATAM**
Filing Date	:NA	**5)GOKARE ASWATHANARAYANA RAVISHANKAR**
(62) Divisional to Application Number	:NA	**6)ARUN CHANDRASHEKAR**
Filing Date	:NA	

No of Pages : 19
No of Claims : 2

(57) Abstract :
The present invention relates to an improved culture medium for regeneration of transgenic secondary embryos of Coffea Canephora.P.ex.Fr The invention is aimed at development of improved culture media for regeneration of plants through secondary embryos from transgenic tissue to obtain complete plantlets,.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3970/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SPHINGOMYELIN, INTERMEDIATES THEREOF AND METHODS FOR PREPARATION OF SAME"

(51) International classification :C07F 9/6584
(31) Priority Document No :60/536,507
(32) Priority Date :15/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000043
Filing Date :13/01/2005
(87) International Publication No :WO 2005/068480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HILDESHEIM, JEAN
3)BERLIN, ALISA

No of Pages : 34
No of Claims : 52

(57) Abstract :
The invention concerns novel oxazaphospholanes, cyclic and acyclic, and to their use in the synthesis of sphingomyelin and sphingomyelin analogous as well as to synthetic sphingomyelins obtained therefrom. One group of oxazaphospholane according to the invention has the general formula (1) disclosed herein. Specifically, the invention provides the 2S, 3R stereoisomers of the disclosed oxazaphospholanes and sphingomyelins and synthetic methods for their preparation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3971/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DIAGONALLY TWISTED SOLE

(51) International classification :A43B 7/22
(31) Priority Document No :CH00044/04
(32) Priority Date :13/01/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2005/050103
Filing Date :10/01/2005
(87) International Publication No :WO 2005/067754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUELLER, JUNG-SUK

No of Pages : 10
No of Claims : 7

(57) Abstract :
A diagonally twisted sole 3 is proposed which consists of an undersole 12 and of a midsole bottom 11, the latter being connected to the undersole 12, and various hard inserts 15 being able to be introduced into the undersole 12. Together with a twisted, flexible, rigid or elastic plate 16, the undersole 12 can form an midsole 12, 16 which can consist of several parts. The twisted plate 16 is a flat plate or a plate of different, thicknesses.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.3972/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR MANAGING DISTRIBUTED OBJECTS AS A SINGLE REPRESENTATION"

(51) International classification :G06F 9/40
(31) Priority Document No :10/393,622
(32) Priority Date :21/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005665
Filing Date :25/02/2004
(87) International Publication No :WO 2004/095269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BALEME, PAUL

No of Pages : 32
No of Claims : 37

(57) Abstract :
An architecture and method for managing at least two distinct machines (or objects) in which resources are shared as a single entity (or object) in an agent-based system. The agent-based system comprising a controller, a local agent coupled to the controller, and at least one clustered machine. The at least one clustered machine includes at least two individual agents, the at least two individual agents sharing at least one shared resource/service. The system also includes a virtual non-persistent connection for coupling the at least two individual agents to the local agent. The at least one shared resource/ service is accessed by the local agent through the virtual non-persistent connection using a virtual IP address to enable the at least two individual agents of the at least one clustered machine to be represented as a single object.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3972/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND VISION TEST APPARATUS FOR DETERMINING THE NECESSARY OF A VISION AID DURING DARKNESS AND/OR TWILIGHT, AND A SET OF VISION AIDS"

(51) International classification	:A61B 3/06
(31) Priority Document No	:10 2004 003 688.8
(32) Priority Date	:24/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/014278
Filing Date	:15/12/2004
(87) International Publication No	:WO 2005/070285 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KARATZER TIMO

No of Pages : 20
No of Claims : 25

(57) Abstract :
The invention relates to a method and a vision test apparatus for determining the necessity of a vision aid during darkness and/or twilight as well as a set of vision aids. The defective daylight vision is measured at at least one value of high luminous density of > 10 cd/m and the defective night vision is measured at at least one value of low luminous density of < 10 cd/m2. Thereafter, the difference between the daylight defective vision and the night defective vision is determined and, when a defined value is exceeded, the recommendation for using a vision aid during darkness and/or twilight is outputted.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.3973/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR ACCESS TO A ROAMING MOBILE NODE

(51) International classification :H04L 29/06
(31) Priority Document No :10/401,896
(32) Priority Date :28/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/006041
Filing Date :26/02/2004
(87) International Publication No :WO 2004/095802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CALIFORNIA 95052, USA U.S.A.
(72)**Name of Inventor :**
1)ANDREWS MICHAELL
2)ADRANGI, FARID
3)NARJALA RANJIT

No of Pages : 13
No of Claims : 22

(57) Abstract :
A method, apparatus and system provide reliable access to a mobile node. Requests for care of addresses ("COAs") are intercepted and the mobile node hostnames in the requests are replaced with alternative configured names. These altered requests are then passed down the network stack. Similarly, replies to the COA requests are also intercepted and the alternative configured names may be replaced with the mobile node hostnames. These replies may then be passed up the network stack. A mobile IP registration request extension may be used to create a mapping entry in a Domain Name Services ("DNS") server between the mobile node hostname and the mobile node home address. This mapping entry ensures that the mobile node is consistently reachable via its hostname.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.3973/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF REDIRECTING CLIENT REQUESTS TO WEB SERVICES"

(51) International classification	:H04L 29/06
(31) Priority Document No	:03368111.5
(32) Priority Date	:10/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/052911
Filing Date	:10/11/2004
(87) International Publication No	:WO 2005/060203
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY 10504 USA U.S.A.
(72)**Name of Inventor :**
1)LOUPIA DAVID

No of Pages : 15
No of Claims : 6

(57) Abstract :
Method of redirecting a request for a web service in a data transmission network such a the Internet wherein, in response to a request forwarded by a host (10) of a client to a web service provider, this one provides a Web Service Definition Language (WSDL) file based upon a message exchange protocol such as Simple Object Access Protocol (SOAP) on a transport protocol such as HTTP. This method being comprises the steps of forwarding a first request from the client to an old address of said web service (12) , responding to the client from the web service point associated with the old address by sending back a message wherein the header using said message exchange protocol contains the new address redirection of the requested web service (14), and forwarding a second request from the client to the new address of the web service.

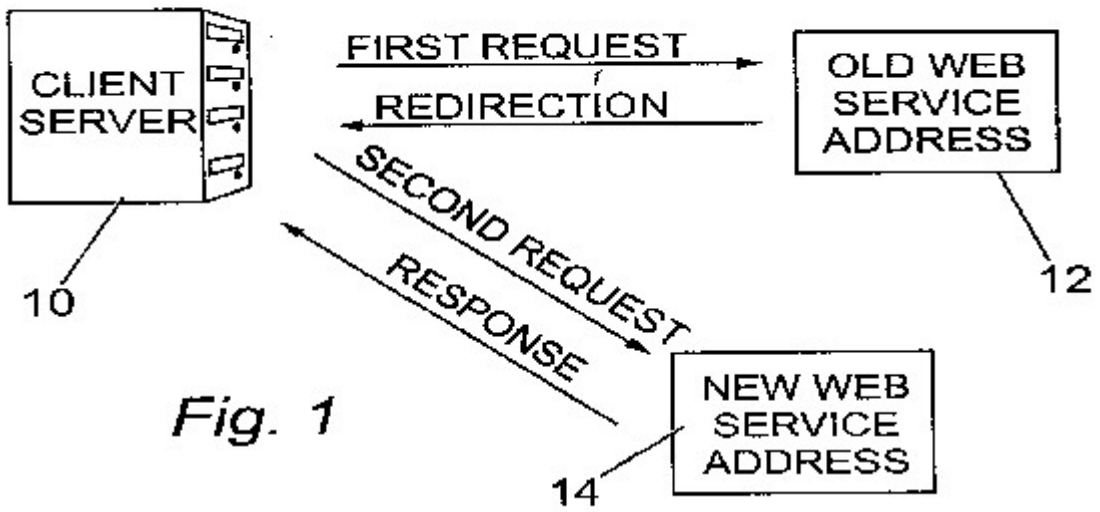


Fig. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3974/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INDEXABLE INSERT"

(51) International classification :B23B 27/22
(31) Priority Document No :2004-006813
(32) Priority Date :14/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/019341
Filing Date :24/12/2004
(87) International Publication No :WO 2005/068117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANADA YASUYUKI
3)FUKAYA TOMOHIRO

No of Pages : 38
No of Claims : 9

(57) Abstract :
A superhard sintered body (1) containing cubic boron nitride is bonded to an apical angle part (5) of a tool body (2) having a polygonal shape, and an edge and a chip breaker are formed on the superhard sintered body (1). A chamfer is formed on the intersection between the upper surface and the side surface of the superhard sintered body (1), the chip breaker has a protrusion (6), and an angle 9 formed by ridges (6b, 6c) on the apex of the protrusion (6) or a tangential line at a point bisecting the ridges (6b, 6c) and a bisector (9a) for the apical angle and the ratio of the distance (L1) between a first intersection (P) between the two ridges (6b, 6c) on the apex of the protrusion (6) and an extreme point (S) of the first ridge (6b) to the distance (L2) between a second intersection (Q) between a straight line passing through the first intersection (L1) and the extreme point (S) and the outer periphery of the tool body (2) and the first intersection (Q) are in prescribed ranges.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2005
(21) Application No.3975/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DYNAMIC SERVICE REGISTRY FOR VIRTUAL MACHINES

(51) International classification :GO6 F 9/455
(31) Priority Document No :10/393,810
(32) Priority Date :21/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 2004/095272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KNAUERHASE ROBERT
2)ROBINSON SCOTT

No of Pages : 23
No of Claims : 21

(57) Abstract :
A traditional registry, such as a global UDDI server, is not designed to accommodate transitory devices, e.g., devices that may frequently attach and detach from a network, often-times without warning, such as virtual machines offering or desiring services that are periodically instantiated and then suspended or destroyed. To accommodate such transitory devices, a dynamic resource/service registry may be implemented that leverages lower-level protocols or state to determine appropriate registry updates to keep the registry state consistent with currently-active virtual machines. For example, a virtual machine monitor (VMM) may track creation and suspension or deletion of a virtual machine (VM), and resources advertised by the VM, where the VMM appropriately adds or removes registry entries for the VM as the state of the VM changes or provides hooks (E.g. notifications) or other instrumentation based on said state or protocols to enable other associated modules or agents (e.g. management modules or the registry to take appropriate actions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.3975/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INKING SYSTEM FOR INTAGLIO PRINTING MACHINE "

(51) International classification :B41F 9/06
(31) Priority Document No :04000771.8
(32) Priority Date :15/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2005/000027
Filing Date :05/01/2005
(87) International Publication No :WO 2005/077656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SCHAEDE JOHANNES GEORG
3)BAERTSCHI DANIEL
4)FINA RAFFAELE

No of Pages : 23
No of Claims : 20

(57) Abstract :
The system for an intaglio printing machine comprises at least a duct (1) for inking the surface of an engraved selective inking cylinder (5) which in turn inks the surface of a plate cylinder (16) of the intaglio printing machine via a chablon roller (17) having reliefs (18) corresponding to engravings (27) to be inked on said plate cylinder (16). Said inking system further comprises a wiping system (8) for wiping the surface of said selective inking cylinder and recuperating the wiped ink in the duct (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006

(21) Application No.3976/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CONTROL APPARATUS FOR USE WITH A COMPUTER OR VIDEO GAME SYSTEM

(51) International classification	:A63F
(31) Priority Document No	:10/733,731
(32) Priority Date	:11/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041396
Filing Date	:09/12/2004
(87) International Publication No	:WO 2005/058434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARGENTAR, ERIC, J.

No of Pages : 49
No of Claims : 19

(57) Abstract :
A control device (10) for controlling a display of a computer system for use with a video game includes a coordinate control unit (12) for providing information related to a vertical and horizontal tilt of the control device (10), a mouse control unit (14) for inputting conventional mouse input information, a game control unit (16) for inputting game control information and a controller (18) for processing the information provided by the coordinate control unit (12), mouse control unit (14) and game control unit (16). The vertical and horizontal point of view of the user in the video game and/or the vertical and horizontal position of a cursor on the display is determined based on the information related to the vertical and horizontal tilt of the control device. The control device (10) is preferably shaped like a firearm to enhance the realism of the video game, but may be shaped like a conventional game pad.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006

(21) Application No.3977/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CROSSLINKED HYALURONIC ACID COMPOSITIONS FOR TISSUE AUGMENTATION "

(51) International classification :A61L 27/52
(31) Priority Document No :10/743,557
(32) Priority Date :22/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/041354
Filing Date :23/12/2003
(87) International Publication No :WO 2005/067994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAMARA B. GOODING
3)KYLE BUI
4)CHARLES H. SHERWOOD

No of Pages : 47
No of Claims : 48

(57) Abstract :
A hyaluronic acid (HA) composition includes crosslinked, water-insoluble, hydrated HA gel particles. The HA includes crosslinks represented by the following structural formula: HA'-U-R2-U- HA'. The variables are defined herein. A method of augmenting tissue in a subject includes inserting a needle into a subject at a location in the subject that is in need of tissue augmentation, wherein the needle is coupled to a syringe loaded with the HA composition, and applying force to the syringe, to deliver the HA composition into the subject. A method of preparing the HA composition, includes forming water-insoluble, dehydrated crosslinked HA particles, separating the water-insoluble, dehydrated particles by average diameter, selecting a subset of particles by average diameter, and hydrating the subset of dehydrated particles with a physiologically compatible aqueous solution. Another method of preparing the crosslinked HA composition includes crosslinking a precursor of the crosslinked HA with a biscarbodiimide in the presence of a pH buffer and dehydrating the crosslinked HA.Also included is a method of augmenting tissue in a subject that is in need of tissue augmentation. A method of stabilizing crosslinked HA includes hydrating water-insoluble, dehydrated crosslinked HA with a physiologically compatible aqueous solution that includes a local anesthetic, wherein the value of storage modulus G' for the stabilized composition is at least about 110% of the value of G' for a non-stabilized composition. Also included is the stabilized HA composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006

(21) Application No.3978/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BIOSENSORS BASED ON DIRECTED ASSEMBLY OF PARTICLES"

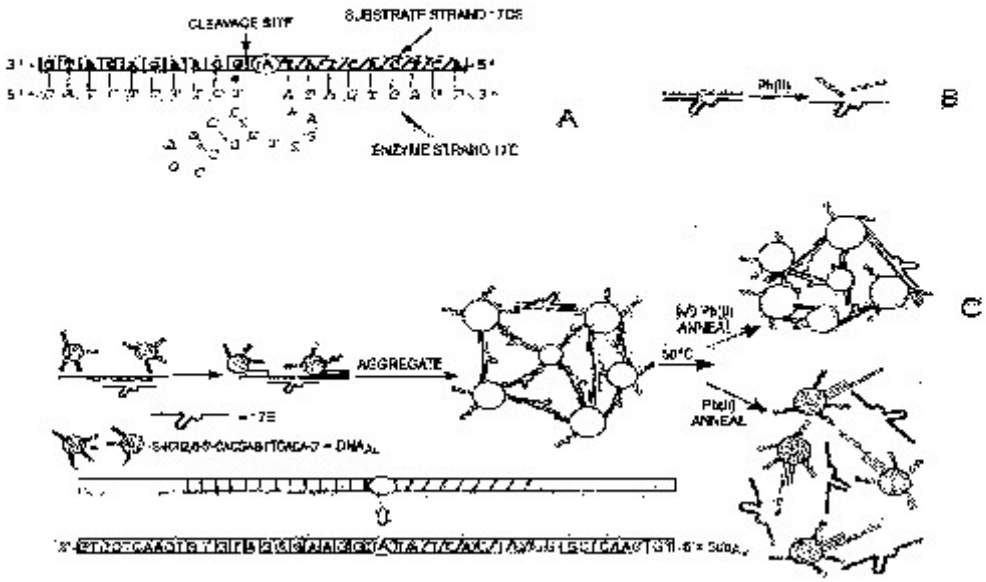
(51) International classification :C12Q 1/68
(31) Priority Document No :10/756,825
(32) Priority Date :13/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001060
Filing Date :12/01/2005
(87) International Publication No :WO 2005/100602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JUEWEN LIU

No of Pages : 63
No of Claims : 41

(57) Abstract :
A sensor system for detecting an effector or cofactor comprises (a) a nucleic acid enzyme; (b) a substrate for the nucleic acid enzyme, comprising a first polynucleotide; (c) a first set of particles comprising a second polynucleotide at least parÂtially complementary to the substrate, where the polynucleotide is attached to the particles at its 3' terminus; and (d) a second set of particles comprising a third polynucleotide at least partially complementary to the substrate, where the polynucleotide is attached to the particles at its 5' terminus.

Title: BIOSENSOR BASED ON DIRECTED ASSEMBLY OF PARTICLES



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006
(21) Application No.3979/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SEMICONDUCTOR DEVICE AND PROCESSING METHOD FOR STARTING THE SAME"

(51) International classification :G06F 9/445
(31) Priority Document No :P2004-019278
(32) Priority Date :28/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/001105
Filing Date :27/01/2005
(87) International Publication No :WO 2005/073850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TADASHI YOSHIDA
3)KAZUHIKO SAKO

No of Pages : 23
No of Claims : 8

(57) Abstract :
A flash memory is made to store a same boot program in a plurality of blocks in it. When a flash memory controller receives an access command for accessing the storage region storing the boot program from a CPU (Step S101), it outputs the read out data to the CPU only when the corresponding block is not faulty according to the determination (Steps S105, S106) made on the basis of the ECC contained in the data read out from the corresponding page and the determination (Step S109) made on the basis of the block information also contained in the data read out from the corresponding page. If, on the other hand it is determined that the block is faulty, the flash memory controller reads out the boot program stored in the next block (Steps S106, S103) and determines once again that the block is faulty or not faulty.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.398/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF METAL ION EXCHANGED CLAY COMPOSITES USEFUL AS SOLID ACID CATALYSTS.

(51) International classification	:C07C 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)MADAN GOPAL PATHAK

No of Pages : 13
No of Claims : 8

(57) Abstract :
A process for the preparation of metal ion exchanged clay composites useful as solid acid catalysts which comprises. refluxing < 2 Âµm fraction of Montmorillonite clay with 0.7 M HC1 for about 4 hours followed by filtration, dialysis and drying at a temperature ranging 50 ± 5°C to obtain a pure electrolyte free solid composite (H+-Montmorillonite) (ii) dispersing the above solid composite in aqueous medium to make about 1% slurry and treating with metal chloride (MCl2) solution where M = Zinc for a period of about 12 hours followed by dialysis to obtain a pure electrolyte free metal cations Mn+ - exchanged acid treated Montmorillonite [Mn+ - Montmorillonite (AT)] composites, (iii) drying the above said composite at a to temperature ranging 50 Â± 5°C obtain the solid products, activating the dried material at a temperature ranging /100 - 200°C for a period of 1-6 hours.,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.398/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF ORYZANOL

(51) International classification	:B01F 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)TYAKAL NANJUNDIAH INDIRA

No of Pages : 16
No of Claims : 9

(57) Abstract :
The present invention relates to an improved process for preparation of oryzanol. In particular the invention describes a process for preparation of pure oryzanol from wet soapstock of rice bran oil"

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2006

(21) Application No.3980/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CASING FOR A CENTRIFUGAL PUMP"

(51) International classification :F01D 1/02
(31) Priority Document No :10/765,683
(32) Priority Date :27/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002207
Filing Date :25/01/2005
(87) International Publication No :WO 2005/073514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 21
No of Claims : 20

(57) Abstract :
A pump casing for a centrifugal pump of the type that is used to process abrasive slurries is disclosed having at least one side or side liner that has a radially extending portion oriented toward the cutwater of the pump casing to localize the abrasive wear caused by the abrasive slurries to the side of the pump casing. The side liner of the pump is configured with a perimeter edge that is non-circular. The pump casing may preferably be configured with an open cutwater configuration or other suitable configuration for localizing wear to the sides of the casing.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2003

(21) Application No.399/DEL/2003 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : A SUGAR-FREE SYRUP COMPOSITION FOR INDIAN TRADITIONAL SWEETS AND A PROCESS FOR PREPARATION THERE OF.

(51) International classification	:A23L 1/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YELLA REDDY SUNKI REDDY

No of Pages : 15

No of Claims : 7

(57) Abstract :
The present invention relates to a synergistic sugar-free syrup composition useful for preparing traditional Indian sweets, said syrup composition comprising 25.0 to 99.99 % by et. sorbitol. 0.01 to 20.0 % by wt. mannitol, up to 70.0 % by wt. water and upto 0.5 gms of an intense sweetener per 500 gms of final syrup and a process for preparing the same

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007
(21) Application No.40/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DETECTION OF TUBERCULOSIS AND INFECTION BY MYCOBACTERIUM TUBERCLULOSIS USING HBHA"

(51) International classification :C12G 1/02
(31) Priority Document No :0407255
(32) Priority Date :30/06/2004
(33) Name of priority country :France
(86) International Application No :PCT/EP2005/077902
Filing Date :30/06/2005
(87) International Publication No :WO 2006/003029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)STEPHANE TEMMERMAN
4)JEAN-MICHEL HOUGARDY
5)SAMMY PLACE
6)CHRISTIAN SERGHERAERT

No of Pages : 73
No of Claims : 42

(57) Abstract :
The present invention concerns methods for in vitro detection of an infection by Mycobacterium tuberculosis in mammals, and methods for in vitro distinction between mammals infected with Mycobacterium tuberculosis in which the disease is declared (active form) and mammals which are infected but asymptomatic for tuberculosis (latent form), and a method for in vitro distinction between mammals presenting an active form of tuberculosis and mammals not infected by M tuberculosis or presenting a latent form of tuberculosis. The present invention also pertains to kits for detection and distinction between infected mammals presenting tuberculosis symptoms and infected mammals with no disease development, and a kit for distinguishing between mammals presenting an active form of tuberculosis and mammals not infected by M. tuberculosis or presenting a latent form of tuberculosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.400/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A MEDIUM FOR CLONAL PROPAGATION OF PANDANUS"

(51) International classification	:C12N 005/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 22
No of Claims : 21

(57) Abstract :
The present invention provides a method of clonal propagation of Pandanus amaryllifolius and further provides a composition for the clonaf propagation of scented Pandanus amaryllifolius. 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2005
(21) Application No.4001/DELNP/2005 A
(43) Publication Date : 27/04/2007

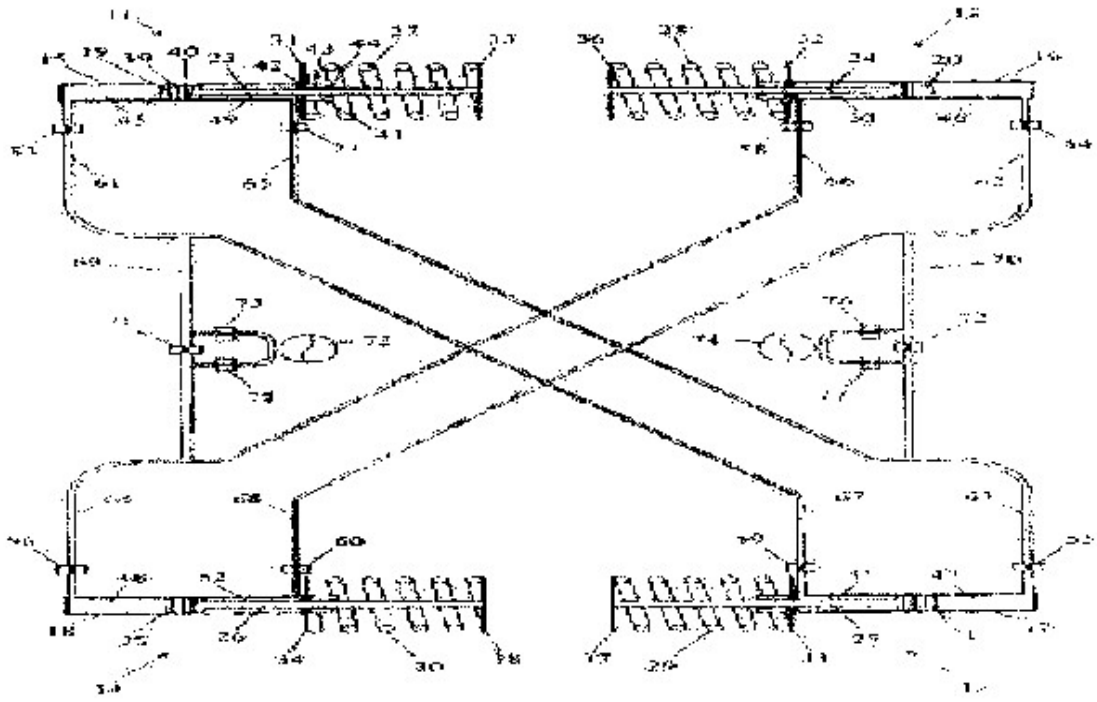
(54) Title of the invention : HYDRAULIC SYSTEM FOR A VEHICLE SUSPENSION

(51) International classification :B60G 21/073
(31) Priority Document No :2003900894
(32) Priority Date :27/02/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/000250
Filing Date :27/02/2004
(87) International Publication No :WO 2004/076211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MONK, RICHARD

No of Pages : 21
No of Claims : 14

(57) Abstract :
A hydraulic system for a vehicle suspension for a vehicle, the vehicle including a vehicle body and at least two forward and two rearward wheel assemblies, the vehicle suspension including front and rear resilient vehicle support means between the vehicle body and the wheel assemblies for resiliently supporting the vehicle above the wheel assemblies, the hydraulic system including: at least two front (11, 12) and two rear (13, 14) wheel rams respectively located between the wheel assemblies and the vehicle body, each ram (11 to 14) including at least a compression chamber (45 to 48) and a rebound chamber (49 to 52); wherein the compression chamber (45, 46) and rebound chamber (49, 50) of each said front wheel ram (11, 12) is in fluid communication with the rebound chamber (47, 48) and compression chamber (51, 52) respectively of a diagonally opposed said rear wheel ram (13, 14) to respectively provide two fluid circuits, each fluid circuit providing a front and back compression volume therein, the front compression volume of each said fluid circuit being in fluid communication with the back compression volume of the other said fluid conduit, and wherein damping means (53 to 56, 71, 72) are provided for damping fluid flow within each compression volume and between the front and back compression volumes such that suspension parameters provided by the hydraulic system, including roll stiffness, roll damping, pitch damping and heave damping, can be independently tuned from each other.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006
(21) Application No.4008/DELNP/2006 A
(43) Publication Date : 27/04/2007

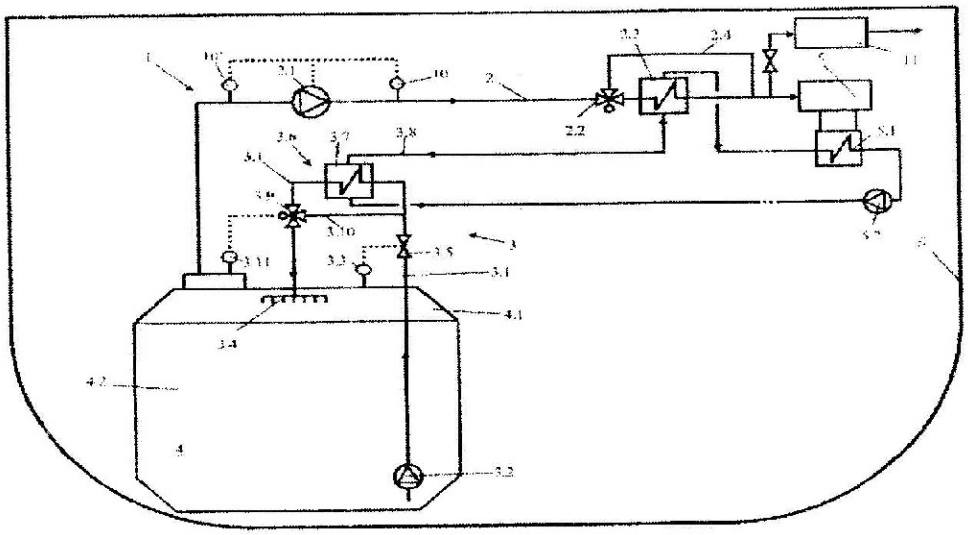
(54) Title of the invention : "GAS SUPPLY ARRANGEMENT OF A MARINE VESSEL AND METHOD OF PROVIDING GAS IN A MARINE VESSEL"

(51) International classification	:B63J 5/00
(31) Priority Document No	:20045081
(32) Priority Date	:17/03/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/050072
Filing Date	:10/03/2005
(87) International Publication No	:WO2005/087586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JOHNNY KACKUR

No of Pages : 12
No of Claims : 7

(57) Abstract :
Gas supply arrangement (1) of a marine vessel (6) being adapted to carry liquefied gas in its gas tank (4) having an ullage space section (4,1) and a liquid phase section (4.2), which arrangement provides the gas for demands of the vessel the arrangement comprising; a gas supply line (2) provided for delivering the gas formed in the gas tank to a consumption device (5); a piping (.3,1) extending front the liquid phase section (4.2) to the ullage space section (4.1) of the gas tank (4) being provided with at least a pump (3,1). for introducing gas into the ullage space section. The piping is provided with a deal transfer unit (3,6) for effecting on the temperature of the introduced gas. Invention relates also to method of providing gas in a marine vessel (6) with liquefied gas tank.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2004
(21) Application No.4014/DELNP/2004 A
(43) Publication Date : 27/04/2007

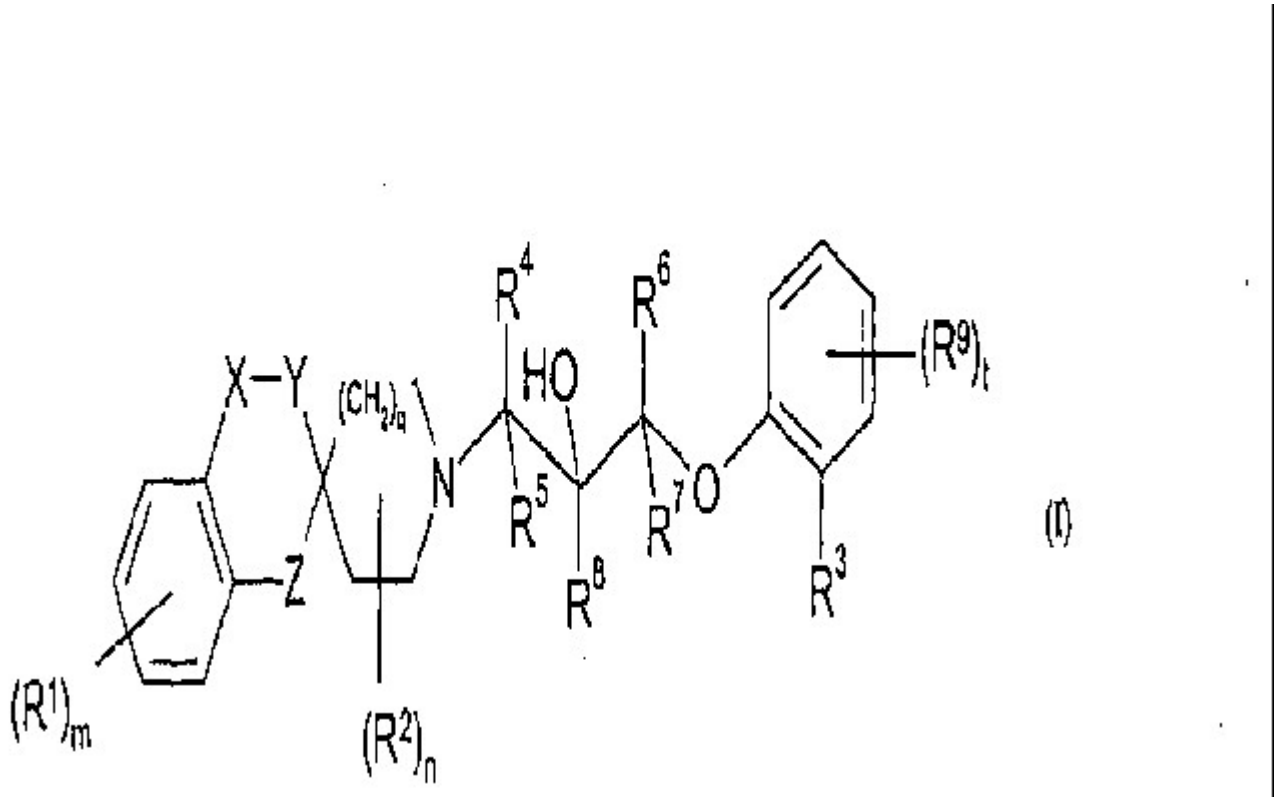
(54) Title of the invention : "NOVEL TRICYCLIC SPIROPIPERIDINES OR SPIROPYRROLIDINES"

(51) International classification :C07D 491/10
(31) Priority Document No :0202133-5
(32) Priority Date :08/07/2002
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2003/001185
Filing Date :07/07/2003
(87) International Publication No :WO 2004/005295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SVETLANA IVANOVA
3)MARGUERITE MENSONIDES-HARSEMA

No of Pages : 275
No of Claims : 22

(57) Abstract :
The invention provides compounds of formula (I) wherein m, R1, n, R2, q, X, Y, Z, R3, R4, R5, R6, R7, R8, and R9are as defined in the specification, processes for their preparation, pharmaceutical compositions containing them and their use in therapy.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4014/DELNP/2006 A
(43) Publication Date : 27/04/2007

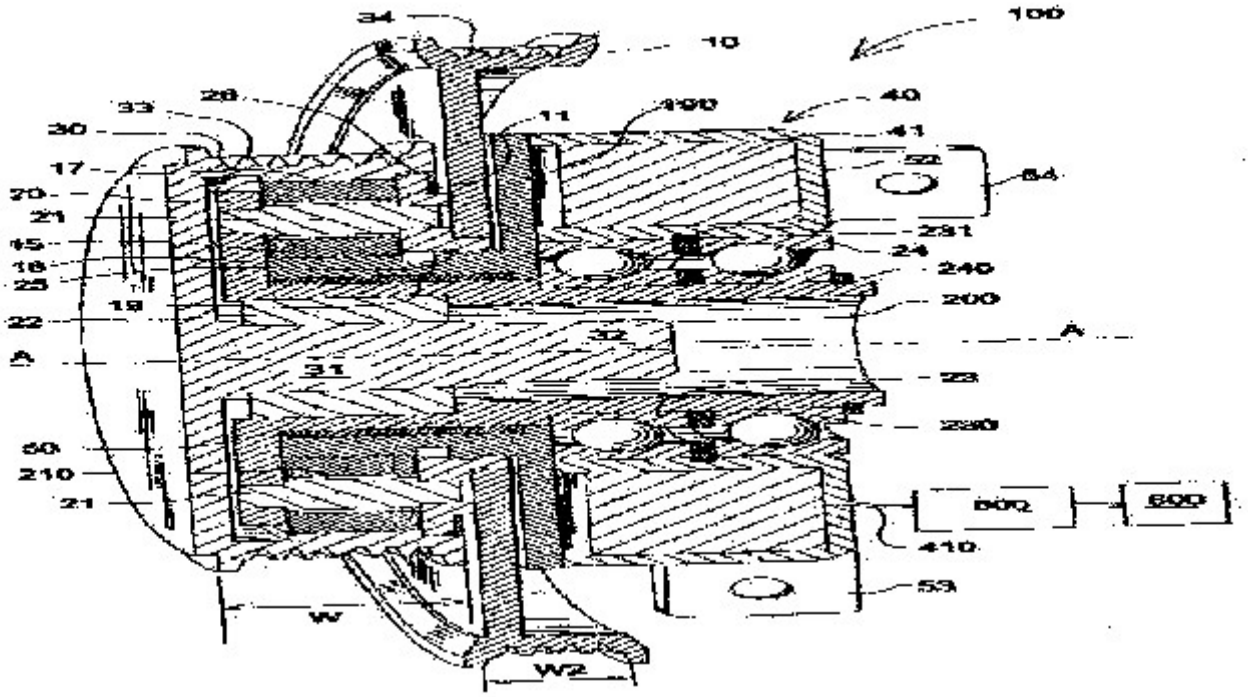
(54) Title of the invention : "TWO SPEED TRANSMISSION AND BELT DRIVE SYSTEM "

(51) International classification	:H02K 7/102
(31) Priority Document No	:10/756,079
(32) Priority Date	:13/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/023002
Filing Date	:16/07/2004
(87) International Publication No	:WO 2005/071819
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ALEXANDER SERKH

No of Pages : 43
No of Claims : 47

(57) Abstract :
A two speed transmission (100) and belt drive system utilizing the transmission (100). The two speed transÂmission (100) comprises a planetary gear train comprising an input pulley (10) connected to an input carrier (20), and a sun gear (18) and a ring gear (17). The input carrier (20) also comÂprises a plurality of planetary gears (15) disposed between the sun gear (18) and the ring gear (17). The sun gear (18) is enÂgaged with an electromagnetic brake member (190). The ring gear (17) is engaged with an output pulley (30). A one-way clutch (22) is disposed between the input (20) carrier and the output shaft (31). The brake member (190) is engaged at enÂgine idle and is disengaged at engine speeds above idle. When the brake member (190) is engaged the sun gear (18) does not rotate, thereby driving the ring gear (17) and output pulley (30) at a greater speed than the input pulley (10).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4015/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF STIMULATING HAIR GROWTH

(51) International classification :A61K 31/501
(31) Priority Document No :60/544,116
(32) Priority Date :12/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000257
Filing Date :01/02/2005
(87) International Publication No :WO 2005/079804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DENNIS ALLEN SMITH

No of Pages : 33
No of Claims : 11

(57) Abstract :
The present invention is directed to the discovery that (3S,4R)-3,4- dihydro-4-(2,3-dihydro-2-methy]-3-oxopyri-dazin-6-y])oxy-3-hydroxy-6-(3-hydroxyphenyl)sulphonyl-2,2,3-trimethy]-2H-benzo[b]pyran may be used to promote hair growth and alleviate alopecia.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006
(21) Application No.4016/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PUSH TO WATCH: A VIDEO PERSON-TO-PERSON STREAMING APPLICATION"

(51) International classification :H04N 7/14
(31) Priority Document No :03257884.1
(32) Priority Date :16/12/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB2004/005229
Filing Date :14/12/2004
(87) International Publication No :WO 2005/060254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 10

(57) Abstract :
Video communication is enabled between users in a mobile communications network on a uni-directional basis enabling video & Video communication is enabled between users in a mobile communications network on a uni-directional basis enabling video & Video communication is enabled between users in a mobile communications network on a uniÂdirectional basis enabling video & grave; chat to occur between users. Preferably the system provides presence information between users enabling simple selection of users with whom to communicate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4017/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MICROSTRUCTURE-BEARING ARTICLES OF HIGH REFRACTIVE INDEX"

(51) International classification :G02B 5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/002049
Filing Date :26/01/2004
(87) International Publication No :WO 2005/083476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)COYLE DENNIS JOSEPH
3)RESUE JAMES ALAN

No of Pages : 17
No of Claims : 10

(57) Abstract :
Blends of oligomeric urelhane multi(meth)acrylate; optionally at least one other monomer selected from the up consisting of acrylic monomers, styrcnic monomers and ethylenically unsaturaicd nitrogen hetcrocycles, preferably a phyol mulli(meth)acrylate; and nanoparticles of an ethylcnically unsaturated. preferably (meth)acrylic-funclionalized, titanium or zirconium compound can be cured by ultraviolet radialion in contact with a pholoiniliator to produce optical resinous articles having high refractive indices, haze ratings of at most 5% and other properties which may be tailored according to the desired use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4018/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEMS FOR MULTI-MODALITY IMAGING "

(51) International classification	:A61B 6/00
(31) Priority Document No	:10/755,804
(32) Priority Date	:12/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043902
Filing Date	:30/12/2004
(87) International Publication No	:WO 2005/070295
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)YAKUBOVSKY LEONID
2)ALTMAN HERNAN

No of Pages : 17
No of Claims : 10

(57) Abstract :
A method of examining a patient is provided. The method includes aligning a patient table 106 with a first examination axis 112, imaging a patient utilizing a first imaging modality 102 while the patient is oriented along the first examination axis, aligning a patient table with a second examination axis 114. the second examination axis being different than the first examination axis, and imaging a patient utilizing a second separate imaging modality 104 while the patient is oriented along the second examination axis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4019/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "STRUCTURALLY REINFORCED RESINOUS ARTICLE AND METHOD OF MAKING"

(51) International classification :B29C 51/16
(31) Priority Document No :60/539,188
(32) Priority Date :26/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000984
Filing Date :13/01/2005
(87) International Publication No :WO 2005/095087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DUNTON THOMAS PAUL
3)MYERS RANDALL TODD

No of Pages : 30
No of Claims : 27

(57) Abstract :
A process for forming a shaped, multilayer article comprises heating a reinforced resinous substrate to a thermoforming temperature to form a heated substrate; contacting a surface of the heated substrate with a surface of shaped surface component, wherein the heated substrate has a sufficient concentration of heated resin at the surface thereof for bonding the heated substrate to the shaped surface component; and thermoforming the heated substrate at a pressure less than or equal to about 500 psi (3447 kPa) to provide a bond at an interface between the surface of the thermoformed substrate and the surface of the shaped surface component.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.402/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTROCHEMICAL PROCESS FOR THE PREPARATION OF COBALTIC METHANE SULPHONATE

(51) International classification	:C07F 9/553
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VELLASAMY DEVADOSS
3)CHIYA AHMED BASHA

No of Pages : 6
No of Claims : 4

(57) Abstract :
The present invention relates to an improved process for the preparation of cobaltic methane sulphonate particularly relates to the development of an electrochemical process for the oxidation of cobaltous [Co2+] to cobaltic [Co3+] in methane sulphonic acid medium

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.402/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CUSTARD APPLE NECTAR

(51) International classification	:A23L 1/064
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)M.R. VIJAYALAKSHMI
4)REVATHY BASKARAN

No of Pages : 7
No of Claims : 4

(57) Abstract :
The present invention relates to a process for the preparation of Custard apple Nectar. Custard apple is a delicious fruit of the tropics, with cream colored sweet pulp of pleasant flavor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2006

(21) Application No.4020/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS OF FORMING A LAYERED ARTICLE"

(51) International classification :B29C 51/14
(31) Priority Document No :60/539,188
(32) Priority Date :26/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001375
Filing Date :14/01/2005
(87) International Publication No :WO 2005/072934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)TEUTSCH ERICH OTTO

No of Pages : 23
No of Claims : 20

(57) Abstract :
A method of forming a layered article, the method comprises thermoforming a substrate sheet to form a shaped substrate, wherein the shaped substrate is a fiber-reinforced plastic material having a void content sufficient to allow a vacuum to be applied through the shaped substrate; pulling a vacuum through the shaped substrate; and pulling a film layer onto a surface of the shaped substrate to form the layered article.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2005
(21) Application No.4024/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DENTAL IMAGE STORAGE AND RETRIEVAL APPARATUS"

(51) International classification :A61C 13/00
(31) Priority Document No :10/371,735
(32) Priority Date :21/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/000171
Filing Date :09/02/2004
(87) International Publication No :WO 2004/073542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 19

(57) Abstract :
A dental image storage and retrieval apparatus is provided. The apparatus includes one or more client computing devices for displaying and processing dental images. The client devices are connected via a network to a dental image file server. The dental images are stored on the file server using a standardized naming format that allows the dentist to browse through the images without loading an intermediate database management program, making the dental images independent of whatever viewing or editing software program is chosen to actually view or edit the dental images.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.403/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCING ALPHA ALUMINA POWDER

(51) International classification	:C01F 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 17
No of Claims : 7

(57) Abstract :
The present invention for a process for producing alpha alumina powder, consists of a starting carbon sol prepared by using a non-ionic lyophilliac agent; depositing an aqueous solution of Al-salt on the fine carbon sol particles; decomposing the salt on heating at a temperature in the range of 350-400Â°C; heat treating the mixture of carbon and pyrolysed product at a temperature ranging from 1200-1500°C under nitrogen atmosphere and then decarbonizing the product. The advantage of the process lies in depositing the starting Al-salt on the nano-sized carbon particles which can also produce spherical porous transient A12O3 . Moreover, use of sophisticated equipment such as atomizer is eliminated to produce the desired shape of transient such as y - A12O3 which is of commercial importance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2004

(21) Application No.4035/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CARVEDILOL PHOSPHATE SALTS AND/OR SOLVATES THEREOF, CORRESPONDING COMPOSITIONS, AND/OR METHODS OF TREATMENT"

(51) International classification	:A61K
(31) Priority Document No	:60/392,175
(32) Priority Date	:27/06/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/020408
Filing Date	:27/06/2003
(87) International Publication No	:WO 2004/002419
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)ANN MARIE LOUVET
6)CHOON K. OH
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8)CHRISTOPHER WERNER

No of Pages : 22
No of Claims : 31

(57) Abstract :
The present invention relates to carvedilol phosphate salts, which include novel crystalline forms of carvedilol dihydrogen phosphate (i.e., dihydrogen phosphate salt of 1-(carbazol-4-yloxy-3-[[2-(o-methoxyphenoxy) ethyl]amino]-2-propanol) and/or carvedilol hydrogen phosphate,etc.), and/or solvates thereof, compositions containing the aforementioned salts and/or solvates, and methods of using the aforementioned salts and/or solvates to treat hypertension, congestive heart failure and angina, etc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.404/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A POWER GRATE FOR PROCESS PLANT LIKE SHAFT KILN

(51) International classification	:F27B 1/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14
No of Claims : 7

(57) Abstract :
The present invention of power grate basically comprises of elliptical shaped segmental plates housed co-centrically inside an inverted stepped frustum cone. Segmental plates contain number of circumferential passages effecting uniform distribution of process air at desired zones along with normal passage for air at the upper zone from header and air box. Novelty in this system is enabling design of higher capacity process plants like the vertical shaft kiln because of incorporation of elliptical segmental grate housed inside an inverted frustum of cone which effects plural openings for both disintegrated process materials and flow of counter-current process air inside the plant along with uniform material travel at the upstream unit. The plural opening effects larger discharge of process material along with maintenance of uniform bed level of materials at up-stream and also results in uniform distribution of process air inside the plant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2004
(21) Application No.4040/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PRODUCTION OF N-[2,6-DIMETHYL-PHENYL]-2-PIPERAZIN-1-YL-ACETAMIDE"

(51) International classification :C07D 295/15
(31) Priority Document No :02077749.6
(32) Priority Date :24/06/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/050241
Filing Date :19/06/2003
(87) International Publication No :WO 2004/000824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IVAN JOSEPH MARIA VERVEST
4)STEFAN MARCEL HERMAN LEURS
5)DIRK DE SMAELE

No of Pages : 9
No of Claims : 7

(57) Abstract :
The present invention relates to a novel process, suitable for industrial exploitation for the production of N- (2,6-dimethyl-phenyl)-2-piperzin-l-yl-acetamide, also known as N-lidocaine, obtained from the reaction of piperazine with N-haloacteyl-2,6-xylidine. The process comprises the consecutive steps a) through f): a) reacting piperazine with N-haloacetyl-2,6-xylidine in a molar ratio between about 1/1 and about 6/1 in an aqueous solvent in which has been dissolved an cquimolar amount of HC1; b) separating the solid formed in step a) from the reaction mixture; c) neutralizing the filtrate; d) extracting the filtrate with a solvent which is not or only to a small extent miscible with the aqueous solvent mentioned in step a); e) crystallizing the N-(2,6-dimethyl -phenyl) 2-piperazin-l-yl-acetamide from the solvent mentioned in step (d) and f) separating the solid obtained in step e) from the solvent mentioned in step d).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2005
(21) Application No.4040/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF A CYAON-ISOBENZOFURAN"

(51) International classification :C07D 307/87
(31) Priority Document No :MI2003 A000479
(32) Priority Date :13/03/2003
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2004/002522
Filing Date :09/03/2004
(87) International Publication No :WO 2004/080988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DALL'ASTA, LEONE
3)DI LERNIA, GIANLUCA

No of Pages : 3
No of Claims : 16

(57) Abstract :
A process for the preparation of citalopram and the pharmaceutically acceptable salts thereof is disclosed by reacting 5-cyanophthalide with a 4- fluorophenyl magnesium halide, reducing the 3-hydroxymethyl-4-(4- fluorobenzoy) benzonitrile with an agent reducing ketones to alcohols, submitting the thus-obtained 3-hydroxymethyl-4-[(4- fluorophenyl)hydroxymethyl)-1,3-dihydro-5-isobenzofurancarbonitrile and treating I, I -bis(4 fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile with a 3-(dimethylamino)propyl halide in the presence of a base.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2005
(21) Application No.4043/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DESK BRAKE"

(51) International classification :F16D65/092
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/002605
Filing Date :12/03/2004
(87) International Publication No :WO 2004/083667 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HEES, DIRK
5)ZENZEN, GUIDO

No of Pages : 25
No of Claims : 10

(57) Abstract :
A disc brake comprises a brake carrier, which is fasten able to the vehicle and is provided with bolts at the leading side and at the trailing side of the brake, which during braking take up the forces acting upon the brake linings. The relative dimensions and arrangements of the bolts (16a, 16b) and of the brake lining are such that, upon introduction of a brake force that is capable of decelerating the vehicle up to a maximum value in the region of O.lg, only tensile forces act upon the brake lining.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2005
(21) Application No.4045/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DISK BRAKE"

(51) International classification :F16D 65/092
(31) Priority Document No :103 12 478.0
(32) Priority Date :20/03/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/002607
Filing Date :12/03/2004
(87) International Publication No :WO 2004/083668
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HEES, DIRK
5)ZENZEN, GUIDO

No of Pages : 13
No of Claims : 10

(57) Abstract :
A disc brake having a brake carrier (10) which may be fastened to the vehicle and to which bolts are fastened, comprises brake pads (32a, 32b), in the supporting plates of which U-shaped recesses (40,40') are formed, which are placed onto the bolts, such that the brake pads are axially movably guided relative to the brake disc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2005
(21) Application No.4048/DELNP/2005 A
(43) Publication Date : 27/04/2007

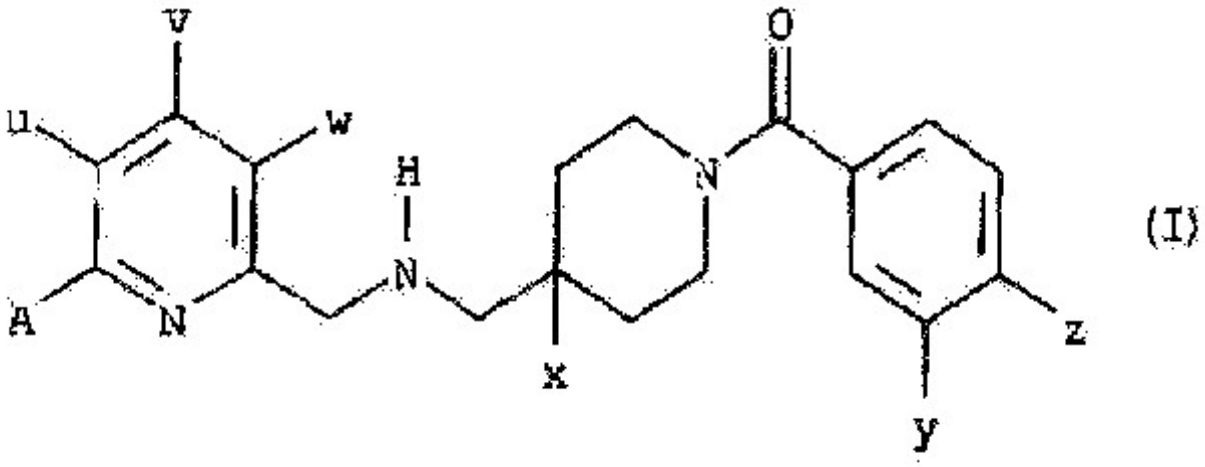
(54) Title of the invention : "USE OF PYRIDIN-2-YLMETHYLAMINE DERIVATIVES FOR THE PRODUCTION OF A MEDICAMENT FOR THE TREATMENT OF CHRONIC PAIN SYMPTOMS OF NEUROPATHOLOGICAL OR PSYCHOGENIC ORIGIN"

(51) International classification :C07D
(31) Priority Document No :03/03099
(32) Priority Date :13/03/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/000630
Filing Date :15/03/2004
(87) International Publication No :WO 2004/083171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 27
No of Claims : 3

(57) Abstract :
The invention relates to the use of a compound of formula (I) and the therapeutically-ac- ceptable salts thereof, more particularly where u = methyl, v and w = H, x = F, y = Cl, z = F, A = H or aminomethyl and the pharrnaceutically-acceptable addition salts with mineral or organic acids, for the production of a medicament for the treatment of chronic pain symptoms of neuropathological or psychogenic origin



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.405/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUTOMATED DEAD WEIGHT FORCE MEASUREMENT MACHINE USEFUL FOR CALIBRATING LOAD CELLS

(51) International classification	:G01G 19/52
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:na
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)MIHIR KUMAR CHAUDHAURI

No of Pages : 27

No of Claims : 11

(57) Abstract :
A low cost accurate dead weight force measurement machine capable of calibrating load cells of 5 & 10 KN capacity has been developed. The system uses a single central pin for stacking the weights and a hydraulic system for loading and unloading of these weights. This results in achieving an almost vibration less system giving stablisation of the machine in the fastest possible time The calibration of the force transducer can be carried out both in tension and compression following any one of the internationally accepted calibration procedure to the highest possible accuracy requirement as per the standard.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.405/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 2-AMINOTHIPHENOL FROM 2-CHLORONITROBENZENE

(51) International classification	:C07C 39/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)MANNEPALLI LAKSHMI KANTAM

No of Pages : 14
No of Claims : 8

(57) Abstract :
The Present invention relates to an improved process for the preparation of 2-aminothiophenol from 2-chloronitrobenzene which comprises introducing an ortho compound together with water into a stirring apparatus under a proiective inert gas, preferably under nitrogen atmosphere, and adding water soluble sulfide or hydrogen sulfide to the said mixture at temperature in the range from 80 to 95 °C within a period of 4-6 hours and after cooling, adding to the said mixture, a water soluble alkali sulfite and an organic solvent selected from the soup constitution of petroleum ether, benzene, toluene, xylene, etc, followed by neutralization of the solution with a mineral acid selected from sulfuric acid, phosphoric acid cr hydrohalous acid, aÃ® pH between 5 to 7, separating the organic phase and concentrating the said phase and adding a base selected for pyridine. triethyl amine, tributyl amine to obtain the desired solid adduct which on warming to temperature between 30 to 50 °C provides the desired product.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2004
(21) Application No.4054/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMIBINATION THERAPY OF SUBSTITUTED OXAZOLIDINONES "

(51) International classification :A61K
(31) Priority Document No :101 29 725.4
(32) Priority Date :20/06/2001
(33) Name of priority country :Germany
(86) International Application No :PCT/EP02/06237
Filing Date :07/06/2002
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :02042/DELNP/2003
Filed on :28/11/2003

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5)JENS POHLMANN
6)SUSANNE ROHRIG
7)KARL -HEINZ SCHLEMMER

No of Pages : 147
No of Claims : 9

(57) Abstract :
The present invention relates to combinations of A) oxazolidinones of the formula (I) with B) other active ingredients, to a process for producing these combinations and to the use thereof as medicaments, in particular for the prophylaxis and/or treatment of thromboembolic disorders.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2002

(21) Application No.406/DEL/2002 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE FRACTIONATION OF HARD MICROCRYSTALLINE WAXES TO PRODUCE DIFFERENT MELTING GRADE WAXES

(51) International classification	:C10G 73/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)HAYAT ULLAH KHAN

No of Pages : 9

No of Claims : 6

(57) Abstract :
The present invention provides an improved process for the fractionation of hard microcrystalline waxes to produce different melting grade waxes which comprises, i) percolating fractionating solvent having a mixture of higher ketene and higher aromatic solvent in a ratio of 1:1 to 10:1 (by weight) through a fixed bed of powdered or flakes of hard wax packed in the percolation column at a temperatures ranging from 20 to 80 °C or successively at a uniform temperature interval selected from 5 Â°C, 10Â°C and 15 Â°C ii) recovering different melting grades waxes by distilling the solvent from the eluants obtained at different fractionating temperatures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.408/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SIMPLE PROCESS FOR CRYSTALLIZATION OF ORYZANOL FROM ORYZANOL ENRICHED FRACTION

(51) International classification	:B01D 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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7)VISHWESHWARAIAH PRAKASH

No of Pages : 12
No of Claims : 7

(57) Abstract :
NA

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.409/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AM IMPROVED PROCESS FOR THE PREPARATION OF ETHYL ACETATE

(51) International classification	:C11C 001/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 13

(57) Abstract :
The present invention particularly relates to the preparation of lower esters of carboxylic acid using reactive distillation technique, which minimizes many of the problems, such as corrosion, waste disposal, generation of undesired side products, etc. The increase in the reaction yield provided by the process disclosed in the present invention can be obtained using a single column in which the heterogeneously catalysed reaction is combined with distillation over the catalyst packing. It substantially reduces the production cost as the purification step of separating the alcohol from the ester is eliminated,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.409/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF DIISOCYANATE CROSS-LINKED LDPE FILMS WITH IMPROVED BARRIER AND GREASE RESISTANCE PROPERTIES

(51) International classification	:C08L 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 22
No of Claims : 11

(57) Abstract :
Reactions of low-density polyethylene with diisocyanates (hexamethylene-diisocyanate and toluenediisocyanate) were studied in non-polar organic solvent in presence of a radical initiator. Based on these reactions a process has been developed for the preparation of cross-linked LDPE-diisocyanates, which were characterized by FTIR. The products were easily cast into films with good clarity and uniform thickness Physico-chemical and thermal properties of the LDPE-diisocyanates cross-linked films showed substantial change in oxygen barrier property (from 14000 to 9000 cc/ m2/d) and significant improvement in grease resistance with two to three folds

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2003
(21) Application No.41/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR DETERMINING REFLECTANCE PROFILE OF MATERIALS

(51) International classification	:G01N 21/47
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 22
No of Claims : 36

(57) Abstract :
The present invention relates to a method for determining the reflectance profile of materials and more particularly, the present invention relates to a method for calculating specular and diffuse reflectance and hence, the emittance of materials at ambient temperatures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.41/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF ROSUVASTATIN INVOLVING A TEMPO-MEDIATED OXIDATION STEP"

(51) International classification :C07D 239/42
(31) Priority Document No :60/587,653
(32) Priority Date :13/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024983
Filing Date :13/07/2005
(87) International Publication No :WO 2006/017357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 30

(57) Abstract :
The present invention provides a process for the preparation of the rosu-vastatin intermediate FPP-CHO and its conversion to rosuvastatin and pharmaceutically acceptable salts thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.410/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ALKANE SULFONATES

(51) International classification	:C11D 1/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 13
No of Claims : 15

(57) Abstract :
The present invention relates to an improved process for the preparation of alkane sulfonates. The present invention is particularly related to the production of such sulfonates from unsaturated hydrocarbons by reacting them with bisulfite in a solvent reaction media. More particularly this invention relates to the preparation of alkane sulfonates using the Addition of bisulfite ions to olefins without using a free radical initiator.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.410/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE ENCAPSULATION OF GARCINIA EXTRACT

(51) International classification :A61K 35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KARUMANCHI SREESAILA MALLIKARJUNA SRINIVASA RAGHAVARAO

No of Pages : 9
No of Claims : 15

(57) Abstract :
The present invention relates to a novel process for the encapsulation extract powder, which comprises (a) collecting the fruits from the species of Garcinia, (b) cutting the rinds of the fruits manually, (c) extracting with de-ionized water at a volume ratio of 1:4 for a period of 15-35 min at 110-130Â°C, (d) filtering the extract using filter cloth, (e) mixing of the Garcinia extract with 5-20 % (w/w) whey protein and (f) spray drying the above mixture to obtain the product in powder form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.411/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A CONTINUOUS BIO-PLATE CASTING MACHINE"

(51) International classification	:F01B 31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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No of Pages : 16

No of Claims : 20

(57) Abstract :
The present invention provides a continuous bio-plate casting machine useful for making articles for variety of purposes, particularly for serving and / or holding food products which comprises, an electric motor (17), a gear box (18), a set of pulleys and belt (19), a drive shaft (20), a bearing housing with bearings (21), top arrestor with bearing (22), support columns with fasteners (23), die frame coupler with keys (24), adjustable die holder (25), antifriction cam follower (26), adjustable punch holder (27), a dies (28), a punches (29), die frames (30), railing cams (31), electric heating coils (32), set of lock nuts (33), a temperature controller with sensor (34), a set of castors (35), electric circuit breaker (36), commutator assembly (37), a hood (38) main frame (39) and a set of couplings (40).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2005
(21) Application No.4119/DELNP/2005 A
(43) Publication Date : 27/04/2007

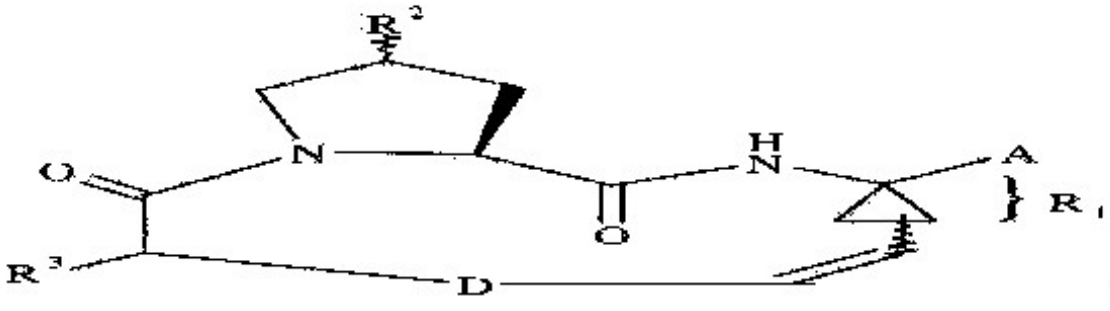
(54) Title of the invention : "PROCESS FOR THE PREPARATION OF MACROCYCLIC COMPOUNDS BY RUTHENIUM COMPLEX CATALYSED METATHESIS REACTION".

(51) International classification :C07 K 1/113
(31) Priority Document No :60/461,879
(32) Priority Date :10/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/003216
Filing Date :26/03/2004
(87) International Publication No :WO 2004/089974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

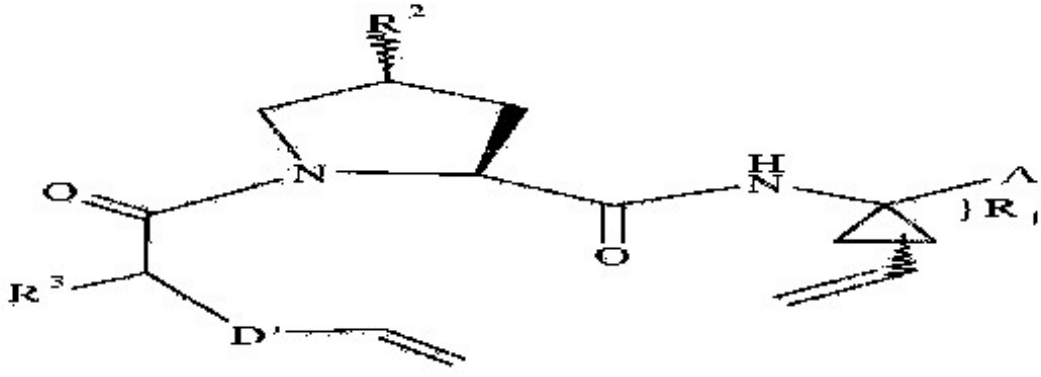
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No of Pages : 30
No of Claims : 9

(57) Abstract :
The invention relates to an improved process for the preparation of a macrocyclic compound of formula I wherein RI, R2, R3, A and D have the meaning given in the claims; by a ring closure metathesis of the corresponding diene of formula III wherein R1, R2, R3, A and D' have the meaning given in the claims; in the presence of a benzylidene ruthenium catalyst, wherein the phenyl group is substituted by a nitro group.



(I)



(III)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002
(21) Application No.413/DEL/2002 A
(43) Publication Date : 27/04/2007

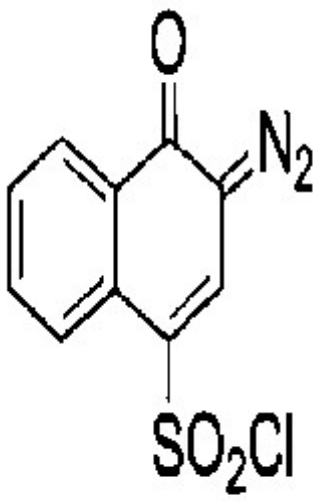
(54) Title of the invention : A NEW PROCESS FOR THE PREPERATION OF DIAZONAPHTHOQUINONESULFONYLCHLORIDES USING DIPHOSGENE AND TRIPHOSGENE

(51) International classification :C07C 303/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

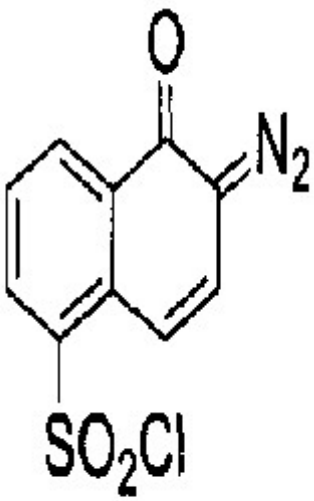
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1)VUMMADI VENKAT REDDY
2)MARUTHI JANAKI RAM REDDY
3)VAIDYA JAYATHIRTHA RAO

No of Pages : 12
No of Claims : 11

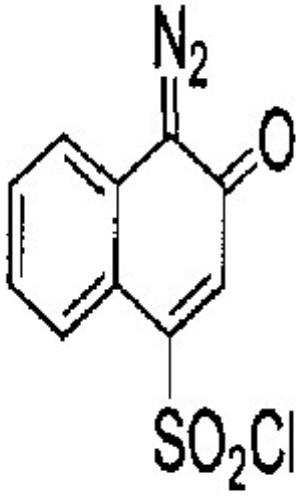
(57) Abstract :
The present invention relates to a process for the preparation of diazonaphthoquinonesulfonylchlorides, useful intermediates in electronic industry and dye industry. This research pertains to a method of preparation of diazonaphthoquinonesulfonylchlorides having formula 1-3 from corresponding diazonaphthoquinonesulfonic acid or its sodium salt, using diphosgene or triphosgene,



1



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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.413/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PRESERVATION OF COCONUT SAP (NEERA)

(51) International classification :A23L 2/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MYSORE NAGARAJARAO RAMESH
3)BASHYAM RAGHAVAN
4)VISHWESHWARAIAH PRAKASH.

No of Pages : 7
No of Claims : 7

(57) Abstract :
This present invention relates to a process for preserving fcoconut sapreera) by collecting the sap, acidifying and storing in containers thereby retaining its natural constituents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.414/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF MARINATED MEAT

(51) International classification :A23L 1/31
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)NARASIMHA RAO DITTAKAVI

No of Pages : 18
No of Claims : 3

(57) Abstract :
Immersion of deboned sheep muscles in marinating solution consisting of citric acid & common salt and marinating muscles under pressure at ambient temperature favored greater uptake of marinade ingredients in a shorter time which in turn resulted in to significant improvement in texture quality of muscles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2005

(21) Application No.4140/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GRAB RAIL FOR MOTORCYCLE

(51) International classification :B62J 1/28
(31) Priority Document No :2003-097321
(32) Priority Date :31/03/2003
(33) Name of priority country :Liechtenstein
(86) International Application No :PCT/JP2004/004367
Filing Date :26/03/2004
(87) International Publication No :WO 2004/087489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 16
No of Claims : 8

(57) Abstract :
A grab rail (G) for a two-wheeled motor vehicle has a rear portion (20), left and right side portions (21, 22) extending from both left and right sides of the rear portion, and installation portions (21b, 22b) projecting from inner sides of the left and right side portions, for installing the rail (G) to side faces of a side cover (C). The rail (G) is formed from the installation portions (21b, 22b) to above a light body (7) so that, in a top view, part of the rail (G) overlaps the lighting body (7). An inner edge (20I) of the rear portion is located behind the rear end of a seat (S) to form a space (K) between, in the top view, the rear end of the seat (S) and the inner edge (20I). Below the seat (S), an external surface (M) of the rail faces both sides, and at the rearmost portion, the rail (G) gradually inclines so as to face upward. An upper face (H) of the rearmost portion is substantially on the line (L) extended from the upper face of the seat (S).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2005
(21) Application No.4142/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ENZYMATIC PROCESS FOR STEREO-SELECTIVE PREPARATION OF CHEMICAL COMPOUNDS IN HYDROFLUOROCARBON SOLVENTS"

(51) International classification :C12P 41/00
(31) Priority Document No :0306267.6
(32) Priority Date :19/03/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/001180
Filing Date :18/03/2004
(87) International Publication No :WO 2004/083444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JASON MICKLEFIELD
3)STUART CORR

No of Pages : 47
No of Claims : 47

(57) Abstract :
A process for preparing a second compound stereo-selectively is described. The process comprises reading a sub-strate comprising at least one first compound with a reagant in the presence of a biological catalyst and a solvent cornprising at least one (hydrolfluoroearbon so as to convert a first compound into the second compound

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2002

(21) Application No.415/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR OBTAINING BOUND-PHENOLIC ACID RICH DIETARY FIBRES

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MR. RAYEE SHYAMA PRASAD RAO

No of Pages : 10
No of Claims : 20

(57) Abstract :
The present invention relates to an improved process of obtaining bound-phenolic acid rich dietary fibre from cereal malts by step-wise increase of about 7-14Â°C in temperature and thereby using in situ amylases only.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.416/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED DEVICE FOR SPRAYING USEFUL IN CRYOGENIC GRINDING SPICES

(51) International classification :B05D5/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)ARUGAKEERTHY CHAKKARAVARTHI

No of Pages : 13
No of Claims : 2

(57) Abstract :
The present invention relates to an improved device for spraying useful in cryogenic grinding of spices. The device circulate liquid nitrogen from a Dewar through a flexible hosing and injector and release liquid nitrogen spray on spices and similar food products just before its being ground or pulverized. The present invention particularly is a device which helps in conditioning of raw material through cryogenic embrittlement and interting prior to grinding or pulverizing, prevention of oxidation and rancidity, increase in shelf life, possibility to fine grind difficult -to- grind spices, and eliminate dust explosion and buildup of product during grinding of spices,,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2006
(21) Application No.4161/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELECTRONIC CIRCUIT

(51) International classification :H03F 1/32
(31) Priority Document No :20040139
(32) Priority Date :30/01/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000058
Filing Date :28/01/2005
(87) International Publication No :WO 2005/074123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OILINKI, TERO
3)KURTTIO, PASI

No of Pages : 22
No of Claims : 16

(57) Abstract :
The invention relates to an electronic circuit for adjusting at least one property an input signal of a non-linear element. A detector detects strength of the inp signal. An analog controller forms at least one control signal as a piecewi: approximation of a non-linear dependency between the at least one property at the strength of the input signal detected by the detector. An adjusting circle adjusts the at least one property of the input signal according to the at least 0l control signal from at least one controller.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.417/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED MEDIUM FOR PRODUCING SPIRULINA BIOMASS RICH IN BIOLOGICALLY AVAILABLY MICRONUTRIENTS, PARTICULARLY RICH IN IRON

(51) International classification	:A23L 001/337
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 20
No of Claims : 8

(57) Abstract :
The invention relates to an improved medium for producing Spirulina biomass rich in biologically available micronutrients, particularly rich in iron. Spirulina are blue-green algae belonging to the phylum: Cyanophyta, class Cyanophyceae, order: Nostocales, family: Oscillatoriaceae, genus: Spirulina or Arthrospira,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2004

(21) Application No.4171/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CORTICOTROPIN RELEASING FACTOR 2 RECEPTOR AGONISTS"

(51) International classification :C07K 14/00
(31) Priority Document No :60/349,117
(32) Priority Date :16/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/01451
Filing Date :16/01/2003
(87) International Publication No :WO 03/062268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1726/DELNP/2004
Filed on :17/06/2004

(71)**Name of Applicant :**
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1)ISFORT, ROBERT, JOSEPH
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No of Pages : 57
No of Claims : 13

(57) Abstract :
Isolated corticotropin releasing factor derivatives, and nucleic acids encoding the same, are effective for treating corticotropin releasing factor 2 receptor modulated disorders such as muscular dystrophy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.418/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A HIGH FIBRE BISCUIT COMPOSITION AND A PROCESS FOR THE PREPARING THE SAME

(51) International classification	:A21D 13/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 29

(57) Abstract :
The invention relates to a high fibre biscuit composition for increasing the dietary fibre content in the biscuit, said biscuit composition comprising 30 to 55 % by wt. of wheat flour, 5 to 40 % by wt. of a fibre source, 0.10 to 0.35 % by wt. of emulsifiers and the rest being food grade additives. flavoring agents and preservatives and a process for preparing the high fibre biscuits.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.419/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED CHICKEN SOAP MIX COMPOSITION AND A PROUDS FOR PREPARING THE SAME.

(51) International classification	:A23L 1/313
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)DITTAKAVI NARASIMHA RAO

No of Pages : 18
No of Claims : 21

(57) Abstract :
Preparation of dehydrated chicken soup mix involves pressure cooking of chicken meat along with ginger, garlic and onion, separation of liquid extract from cooked meat, separation of meat from the bone, blending of cooked meat and extract with starch and spices into a mix, addition of liquid extract to the mix to make it a slurry, drying of slurry into powder form, and mixing of this powder with milk powder, salt, monosodium glutamate (MSG), ascorbic acid, pepper powder and sugar and packed. The product is sensorily highly acceptable and is microbiologically safe.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2005
(21) Application No.419/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A ANTIFOULING COMPOSITION AND A METHOD FOR PRODUCING THE SAME"

(51) International classification :C09D 5/00
(31) Priority Document No :198 28 256.7
(32) Priority Date :25/06/1998
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :841/DEL/99
Filed on :09/06/1999

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2)MICHAEL MAGER
3)KARL-HEINZ KASLER

No of Pages : 23
No of Claims : 11

(57) Abstract :
The present invention relates to antifouling agents containing (A) at least one multifunctional carbosilane and/or carbosiloxane of formula (I) Q[(CH2)mSiR'nX(3.n)]p (I) and/or a partial condensation product thereof, wherein each R1 is independently a C1-C18 alkyl and/or C6-C20aryl, X is OH, C1C4 alkoxy, C6-C20 aryloxy, or C1-C6 acyloxy, n is 0 to 2, m is 2 to 6, p is an integer > 2, and Q is either (i) a linear or cyclic silane or siloxane or (ii) an unsubstituted hydrocarbon or a hydrocarbon in which at least one carbon atom is substituted with at least one member of the group consisting of O, N, S, and P, and optionally (B) one or more alkoxysilanes, (C) an organic solvent and/or water, (D) a catalyst, (E) inorganic nanoparticles, and/or (F) other additives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005

(21) Application No.4196/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVICE

(51) International classification :C12M 3/02
(31) Priority Document No :09/568,254
(32) Priority Date :10/05/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB01/02056
Filing Date :10/05/2001
(87) International Publication No :WO 01/85917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/1217/DEL
Filed on :10/05/2001

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(72)**Name of Inventor :**
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No of Pages : 141
No of Claims : 96

(57) Abstract :
The present invention relates to a device. In more detail, the present invention relates to a device for preparing an undifferentiated cell. In particular, but not exclusively, the present invention relates to a device for preparing an undifferentiated cell from a more committed cell. In a further aspect, the present invention also relates to a method of forming undifferentiated cells. The device can also remotely communicate with the producer/distributor/manufacturer/can centre/lservice centre and the like, for example

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007
(21) Application No.42/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYSTALLINE FORM IV OF LINEZOLID"

(51) International classification :C07D 263/20
(31) Priority Document No :60/584,371
(32) Priority Date :29/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023272
Filing Date :29/06/2005
(87) International Publication No :WO 2006/004922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAMAS KOLTAI
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4)SERGUEI FINE
5)TAMAR NIDDAM

No of Pages : 40
No of Claims : 16

(57) Abstract :
The present invention provides a novel crystalline form of linezolid referred to herein as Form IV as well as methods for the preparation and use of Form TV. The present invention provides pharmaceutical compositions that comprise therapeutically effective amounts of Form TV that can be used to treat patients suffering from grampositive bacterial infections. Various processes for making crystalline linezolid Form [V are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.420/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR EXTRACTION OF CAROTENOIDS

(51) International classification	:C07C 403/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GOVINDASWAMY VIJAYALAKSHMI
2)VASUDEVA VANAJAKSHI

No of Pages : 24
No of Claims : 2

(57) Abstract :
The present invention relates to an effective method of retention of carotenoids in Rhodotorula grctcilis cells and its extraction. There is a considerable interest worldwide in the development of food colourants from natural sources. This is apparently due to strong consumer demand for more natural colourants is associated with their image of being healthy and of good quality. In addition there are a lot of concerns about safety of certain additives and legislation governing the use of synthetic colours.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.421/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING (+)2-(4-CHLOROPHENYL)-3-METHYL BUTANOIC ACID

(51) International classification	:C07B 57/00
(31) Priority Document No	:03/00022
(32) Priority Date	:03/01/2003
(33) Name of priority country	:Ice Land
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)ATTALURI NARASIMHA RAO
6)TELLA RAMESH BABU

No of Pages : 27
No of Claims : 45

(57) Abstract :
The present invention relates to an environmentally benign process for preparation of (+)2-(4-chlorophenyl)-3-methyl butanoic acid (+ CPA) from 2s6 racemic acid, using optically active arylamines like (-) PEA in hydrophilic/hydrophobic organic solvents like butanol, propanol etc. as aqueous mixtures, separating the desired (+) CPA salt, mother liquor by filtration and refining the (+) CPA salt in the same solvent system as used for resolution, recovering the desired acid in high optical purity by extracting with aqueous mineral acid. The mother liquor is concentrated under vacuum and extracted with aqueous mineral acid to obtain undesired (-) CPA which was recovered and recycled after racemization. The aqueous mineral acid layer thus obtained is mixed with corresponding aqueous mineral acid layer obtained from (+) CPA recovery and extracted with aqueous caustic lie solution to recover the optically active amine used for resolution. Thus the method described effectively provides a process for recovery and recycle of the undesired (-) CPA, optically active amine, besides obtaining the desired (+) CPA in high optical purity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005

(21) Application No.4215/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COPPER-BASED ALLOY"

(51) International classification	:C22C
(31) Priority Document No	:496/03
(32) Priority Date	:21/03/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2004/000051
Filing Date	:30/01/2004
(87) International Publication No	:WO 2004/083471
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TRAN, HUNG-QUOC
2)GILLIERON, STEPHANE
3)VINCENT, EMMANUEL

No of Pages : 9
No of Claims : 19

(57) Abstract :
Alloy on the basis of copper, zinc, nickel and manganese having properties of resistance to corrosion, notably to inks and gel-inks. The inventive alloy can have a mono-phased alpha structure and a bi-phased alpha-beta structure and is especially suited to the production of tips and reservoirs for writing implements.

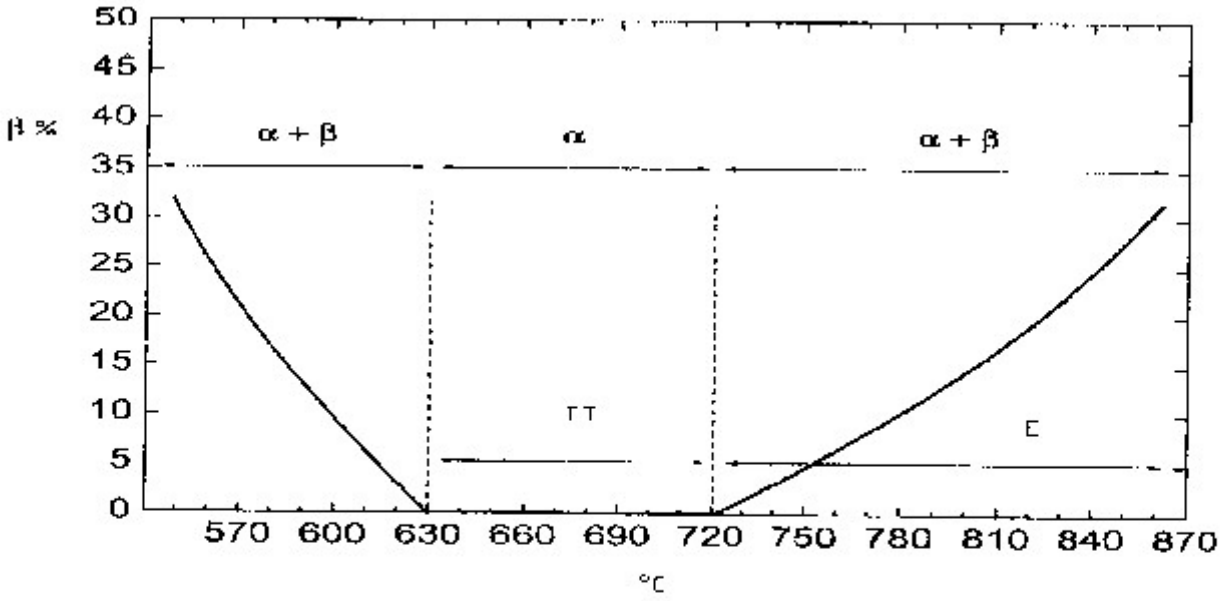


Fig. 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005
(21) Application No.4218/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS AND APPARATUS FOR DELIVERING A MESSAGE TO TWO OR MORE ASSOCIATED WIRELESS COMMUNICATION DEVICES"

(51) International classification :H04Q 7/22
(31) Priority Document No :PCT/CA2003/000421
(32) Priority Date :24/03/2003
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2003/000421
Filing Date :24/03/2003
(87) International Publication No :WO 2004/086784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CARPENTER PAUL M

No of Pages : 35
No of Claims : 19

(57) Abstract :
Methods and apparatus for use in delivering a message, such as a Short Message Service (SMS) message, simultaneously to two or more associated wireless communication devices are described. In one illustrative example, a request to deliver an SMS message to a first wireless communication device identified by a first address is received. In response to the request, the SMS message is delivered to the first wireless communication device as well as to a second wireless communication device identified by a second address different from the first address. In one preferred scenario, the first and the second wireless devices are possessed by the same end user so that SMS messages can be received regardless of which device is being used at any given moment. The method may be executed by a server in the wireless network or, alternatively, by the wireless communication device itself.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.422/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVICE USEFUL FOR MAKING SPHERICAL SHAPED FOOD PRODUCTS

(51) International classification	:A23P 1/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MYSORE NAGARAJARAO RAMESH
2)ARUGAKEERTHY CHAKKARAVARTHI

No of Pages : 10
No of Claims : 3

(57) Abstract :
The present invention is a continuous conveyorized food product forming machine that is capable of forming food products in three dimensional or two dimensional forms on a continuous basis. The forming parts of the machine are easily changeable without completely disassembling the machine. The machine and its method of operation are capable of increasing the production of formed food products and permitting the formation of three dimensional products in a variety of forms. Other objects and features of the invention will be readily apparent to those skilled in the art from the appended drawings and specification illustrating a preferred embodiment

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005
(21) Application No.4220/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A KIT FOR DETERMINING THE AMINO ACID SEQUENCE OF A POLYPEPTIDE"

(51) International classification :G01N 33/68
(31) Priority Document No :60/116502
(32) Priority Date :20/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/00790
Filing Date :12/01/2000
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00588/DEL
Filed on :04/07/2001

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(72)**Name of Inventor :**
1)KEOUGH, THOMAS WOODS
2)YOUNGQUIST, ROBERT SCOTT

No of Pages : 27
No of Claims : 4

(57) Abstract :
The present invention relates to mass spectrometric methods and kits which are particularly useful for sequencing polypeptides. The methods involve determining the ammo acid sequence of a polypeptide, the steps comprising: (a) derivatizing the N-terminus of the polypeptide or the N-termini of one or more peptides of the polypeptide with one or more acidic moieties having a pKas of less than about 2 when coupled with the polypeptide or peptides, to provide one or more denvatized analytes; (b) analyzing one or more denvatized analytes using a mass spectrometric technique to provide a fragmentation pattern: and (c) interpreting the fragmentation pattern.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005

(21) Application No.4226/DELNP/2005 A
(43) Publication Date : 27/04/2007

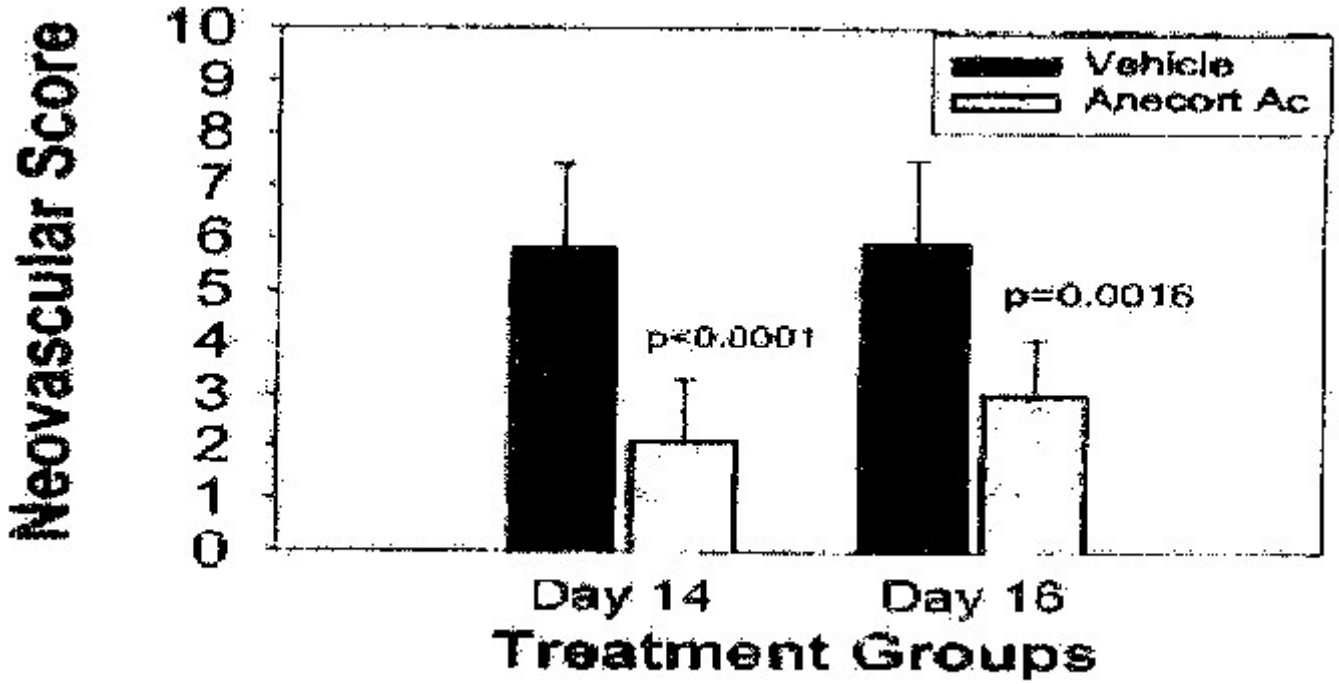
(54) Title of the invention : FORMULATIONS OF GLUCOCORTICOIDS TO TREAT PATHOLOGIC OCULAR ANGIOGENESIS

(51) International classification :A61K 31/56
(31) Priority Document No :60/448,944
(32) Priority Date :20/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003515
Filing Date :05/02/2004
(87) International Publication No :WO 2004/073608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CLARK, ABBOT F.
3)JANI, RAJNI
4)ROBERTSON, STELLA M.

No of Pages : 14
No of Claims : 16

(57) Abstract :
Formulations of glucocorticoids alone and in combination with anecortave acetate are useful for preventing and treating pathologic ocular angiogenesis and associated edema.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005
(21) Application No.4227/DELNP/2005 A
(43) Publication Date : 27/04/2007

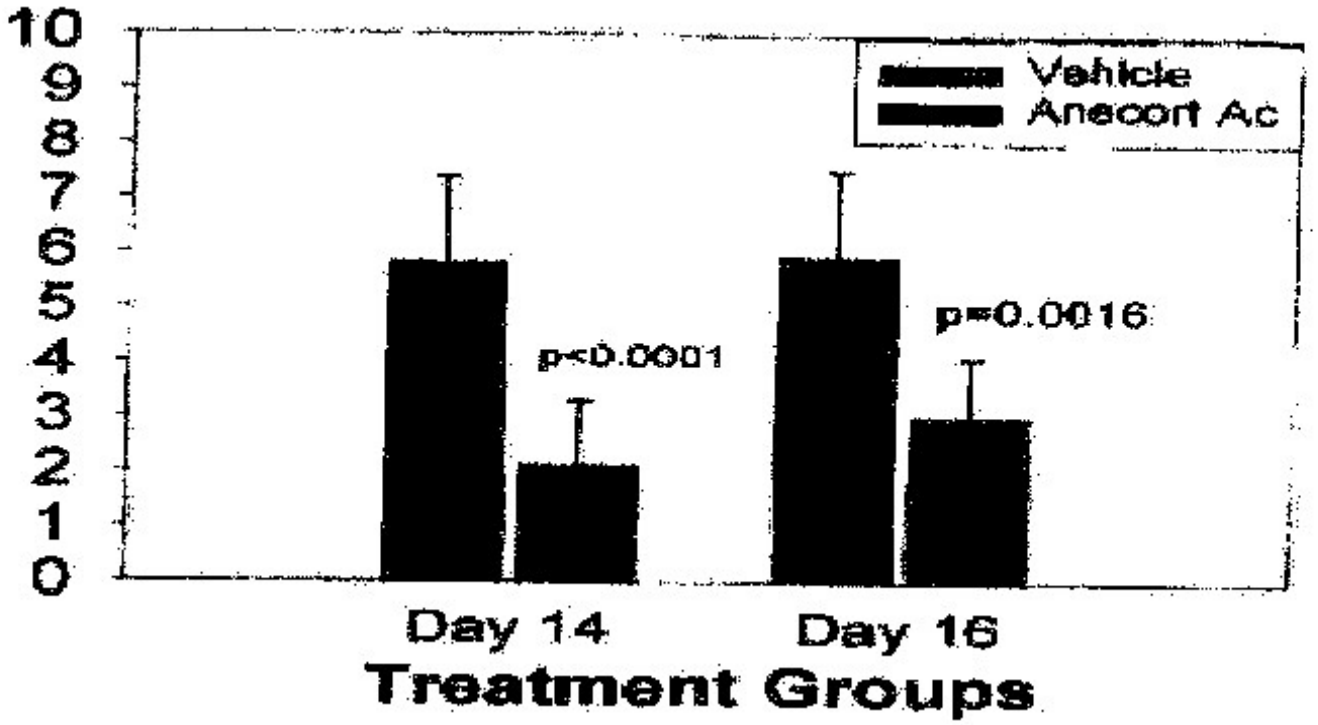
(54) Title of the invention : USE OF STEROIDS TO TREAT PERSONS SUFFERING FROM OCULAR DISORDERS

(51) International classification :A61K
(31) Priority Document No :60/448,943
(32) Priority Date :20/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003138
Filing Date :04/02/2004
(87) International Publication No :WO 2004/073607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 17

(57) Abstract :
Methods and compositions for treating retinal edema and NPDR are disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005

(21) Application No.4228/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPROVEMENTS IN RADIO POSITIONING SYSTEMS"

(51) International classification :G01S 5/10
(31) Priority Document No :9912724.3
(32) Priority Date :01/06/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB00/02104
Filing Date :01/06/2000
(87) International Publication No :WO 00/73813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRICE, JAMES PAUL
2)DUFFETT-SMITH, PETER JAMES
3)HANSEN, PAUL

No of Pages : 19
No of Claims : 14

(57) Abstract :
The invention described relates to a radio positioning system primarily for a mobile telephone network, in which a list of offsets in time, phase, frequency, or derivatives thereof, or their equivalents expressed as offsets in distance or derivatives thereof, of a plurality of transmission source signals, received at a given location, relative to a common reference are generated. Data is acquired from one or more receivers, the positions of which may be known or determined. Such data are offsets in time, phase, frequency, or derivatives thereof, respectively of signals received from the transmission sources relative to a reference source in each receiver or to each other. The acquired data is combined for calculating the list of offsets relative to the common reference.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.423/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF DEHYDRATED MEAT

(51) International classification	:A23L 1/31
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MAHENDRAKAR NAMADEV SUBBANNA
3)NARASIMHA RAO DITTAKAVI
4)RAJAPPA

No of Pages : 17
No of Claims : 3

(57) Abstract :
The process comprising short time maturation of lean meat chunks with salt, spice & dietary acid, cooking, freezing / thawing, flaking & drying under specified conditions produces dehydrated chunks with greater rehydration capacity & improved tenderness

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2005
(21) Application No.4230/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPOSITIONS FOR TREATING PROTEIN DEFICIENCIES

(51) International classification :C 12 N
(31) Priority Document No :60/448,073
(32) Priority Date :18/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/004909
Filing Date :18/02/2004
(87) International Publication No :WO 2004/074450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FAN,JIAN-QIANG

No of Pages : 37
No of Claims : 15

(57) Abstract :
This application provides methods of improving gene therapy by combining gene therapy with active site-specific chaperones (ASSCs). The ASSC increases the stability and efficiency of the protein encoded by the recombinant gene that is administered.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.424/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR PREPARATION OF A READY TO USE DRY ONION MIX COMPOSITION"

(51) International classification	:A23L 1/064
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NAVIN KUMAR RASTOGI
3)SAMKARAMTHADATHIL GANGADHARAN JAYAPRAKASHAN
4)KODANGALA KESHAVA BHAT
5)JAYAPAL HEMAVATHY

No of Pages : 14
No of Claims : 23

(57) Abstract :
A method for the preparation of a dry formulation containing onion using the ingredient such as onion (70-80%) potato (10-15%), corn starch (10-20%) and gum acacia (0.5-1.5%). The process involves: peeling of fresh onion, and passing through the fruit mill, passing the diced onion through a colloid mill for maceration to obtain a paste like consistency, blending with mashed potato, corn starch and gum acacia, dehydration of the blend to a moisture content of 5-8 % in a drum drier using 1.5-2.0 kg/cm steam pressure, and powdering the dried material in a pulveriser to obtain a free flowing powder of 120-200 micron particle size. The product can be used in the preparation such as curried vegetables, as a flavouring and in preparing nutraceuticals. ' 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.425/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ANTIBODIES SPECIFIC TO D-MANNITOL,ITS METHOD OF PREPARATION.

(51) International classification	:C12P 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VENKATESH LAXMINARAYAN HEGDE

No of Pages : 16
No of Claims : 20

(57) Abstract :
The invention relates to method of preparing hapten-carrier conjugate as immunogen possessing mannitol groups or epitopes to raise antibodies specific to D-mannitol. The present invention also relates to use of antibodies to detect D-Mannitol specific human IgE.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2005

(21) Application No.4250/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FAN ARRAY FAN SECTION IN AIR-HANDLING SYSTEMS"

(51) International classification :F24F
(31) Priority Document No :60/456,413
(32) Priority Date :20/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/008578
Filing Date :19/03/2004
(87) International Publication No :WO 2004/085928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LAWRENCE G. HOPKINS

No of Pages : 18
No of Claims : 10

(57) Abstract :
A fan array fan section in an air-handling system comprising includes a plurality of fan units (200) arranged in a fan array and positioned within an air-handling compartment (202). One preferred embodiment may include an array controller (300) programmed to operate the plurality of fan units (200) at substantially peak efficiency. The plurality of fan units (200) may be arranged in a true array configuration, a spaced pattern array configuration, a checker board array configuration, rows slightly offset array configuration, columns slightly offset array configuration, or a staggered array configuration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2005
(21) Application No.4251/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH-STRENGTH HOT-ROLLED STEEL SHEET EXCELLENT IN HOLE EXPANDABILITY AND DUCTILITY AND PRODUCTION METHOD THEREOF"

(51) International classification :C22C 38/00
(31) Priority Document No :2003-79543
(32) Priority Date :24/03/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/017058
Filing Date :26/12/2003
(87) International Publication No :WO 2004/085691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)HIROKAZU TANIGUCHI
3)MASASHI FUKUDA

No of Pages : 19
No of Claims : 6

(57) Abstract :
This invention provides a high-strength hot-rolled steel sheet having strength of at least 980 N/mm2 at a sheet thickness of from about 1.0 to about 6.0 mm and excellent in hole expandability, ductility and ability of phosphate coating, which steel sheet is directed to automotive suspension components that are subjected to pressing. The high-strength hot-rolled steel sheet contains, in terms of a mass%, C: 0.01 to 0.09%, Si: 0.05 to 1.5%, Mn: 0.5 to 3.2%, Al: 0.003 to 1.5%, P: 0.03% or below, S: 0.005% or below, Ti: 0.10 to 0.25%, Nb: 0.01 to 0.05% and the balance consisting of iron and unavoidable impurities; satisfies all of the following formulas to : 0.9 < 48/12 x C/Ti < 1.7 . . . 50,227 x C - 4,479 x Mn > -9,860 . . . 811 x C + 135 x Mn + 602 x Ti + 794 x Nb > 465 . . . , and has strength of at least 980 N/mm2.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.426/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF BESAM SUITABLE FOR THE PREPARATION OF SEW BOONDI AND SIMILAR PRODUCTS.

(51) International classification	:A23L 1/172
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RAMASAMY RAVI
4)NUGGEHALLI SAMPATHAKUMARACHAR SUSHEELAMMA

No of Pages : 14
No of Claims : 4

(57) Abstract :
This invention relates to A process for preparation of besan suitable for the preparation of Sev , boondi and similar products. Fried foods are enjoyed for their special taste and textural qualities. Several cereal and legume based products are well known and among them chickpea or Bengal gram is consumed to a larger extent as several types fried snacks (1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2005
(21) Application No.4261/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WHISTLING VENT WITH BUFFER RESERVOIR."

(51) International classification :G01F 23/00
(31) Priority Document No :10/375,240
(32) Priority Date :27/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/000269
Filing Date :26/02/2004
(87) International Publication No :WO 2004/076984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 8
No of Claims : 9

(57) Abstract :
An accumulating whistling vent for indicating a level of liquid in a tank having a vent line is disclosed. The whistling vent includes a whistle housing reservoir which has mounting tubes extending from either ends. A whistle is housed in the whistle housing reservoir by insertion into one of the mounting tubes. The whistling vent is coupled between the vent lines of the tank such that the tube containing the whistle is closest to the tank. As liquid is introduced into the tank an audible signal is produced by the whistle. Once full, air flowing from the tank through the vent line is replaced by the incoming liquid, thus muting the whistle. Excess liquid is accumulated in the reservoir prior to discharge from the vent line, thereby providing additional time to respond to the change in audible signal. In a preferred embodiment of the invention, a transparent reservoir is used to provide a visual indicator in addition to the change in audible signal. In another preferred embodiment of the invention a fuel filter and brass key chain whistle are used to minimize manufacturing costs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.427/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF COLORANT FROM OLEORESIN

(51) International classification	:A23L 1/064
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)MADENENI MADHAVA NAIDU
4)HALAGUR BOGEGOWDA SOWBHAGYA

No of Pages : 11
No of Claims : 14

(57) Abstract :
The present invention relates to a process for the preparation of colorant with enhanced color value from commercially available pungent free chilli oleoresin by extracting the pungent free oleoresin with any one of alcoholic solvent, mixture of alcoholic solvents, mixture of alcohol-ketonic solvent or aqueous ketonic solvent, separating the oleoresin layer and the solvent layer, pooling the solvent layer obtained and separating the final oleoresin layer, and distilling the final oleoresin layer of step (c) to obtain pungent free oleoresin with enhanced color value.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2005

(21) Application No.4279/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND DEVICE FOR ELECTROCHEMICAL DISINFECTION OF WATER"

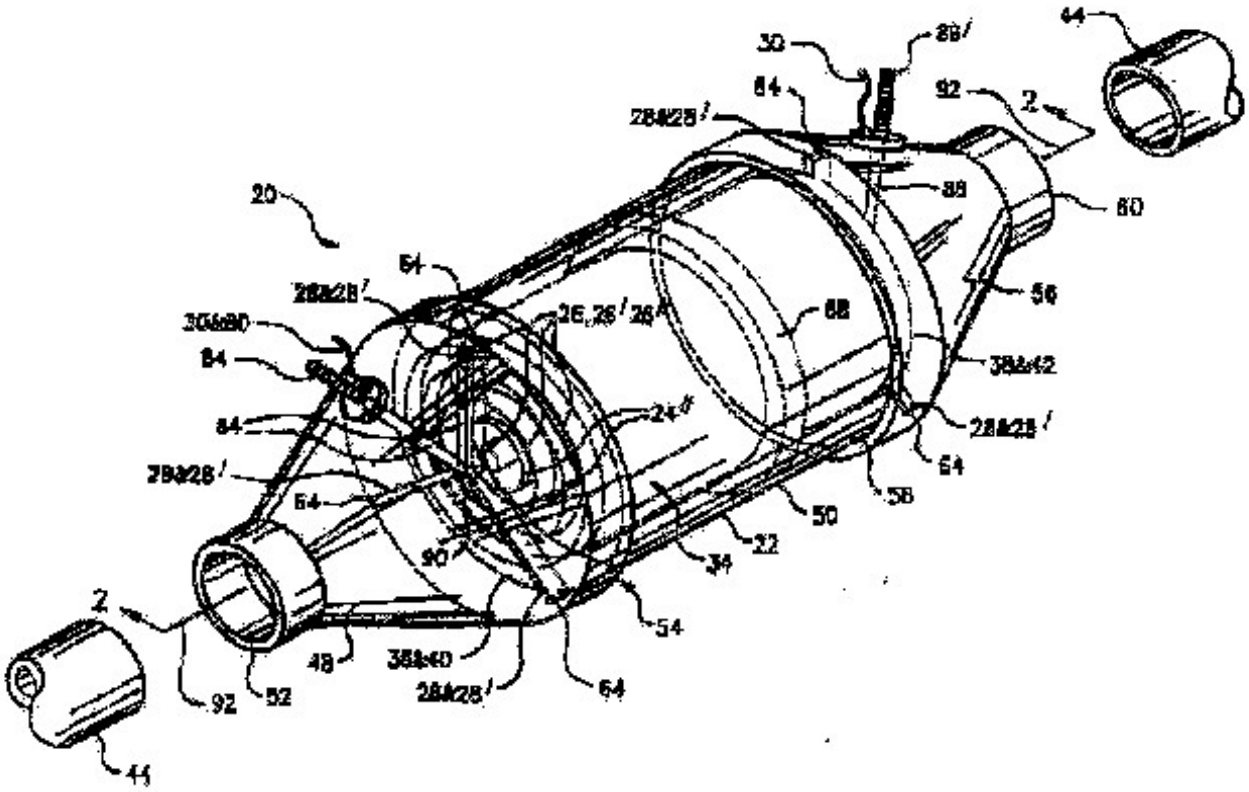
(51) International classification	:C02F 1/46
(31) Priority Document No	:03/02315
(32) Priority Date	:24/02/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/US95/01730
Filing Date	:08/02/1995
(87) International Publication No	:WO 95/21795
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CLAUDE BERNARD
3)DIDIER GINESTET
4)STEPHANE MORALES
5)JEAN-MARIE MORALES

No of Pages : 10

No of Claims : 11

(57) Abstract :
Apparatus (20) having a boosing (22), a first electrode (24), a second electrode (26). securing means (26), current means (30) and methods for treating liquids by electrolytically generating dissolved oxygen within water and electrolytically purifying and/or removing contaminants from the water.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.428/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DECAFFEINATING FUNGUS AND PROCESS OF BIO-DECAFFEINATION OF CAFFEINE CONTAINING SOLUTIONS

(51) International classification	:A23F 5/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)NAIKAN KATTE GANESH KARANTH
4)MANDYAM CHAKRAVARATHY VARADA RAJ

No of Pages : 22
No of Claims : 16

(57) Abstract :
The present invention relates to a simple, safe, and efficient process for the complete bio-decaffeination of caffeine-containing solutions using fungus Pseudomonas alcaligenes CFR 1708, a method of isolating pseudomonas alcaligenes CFR 1708 useful for the bio-decaffeination of caffeine-containing solutions, a Pseudomonas alcaligenes strain of accession number CFR 1708, and a decaffeinated solution obtained by aforementioned process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2005

(21) Application No.4283/DELNP/2005 A
(43) Publication Date : 27/04/2007

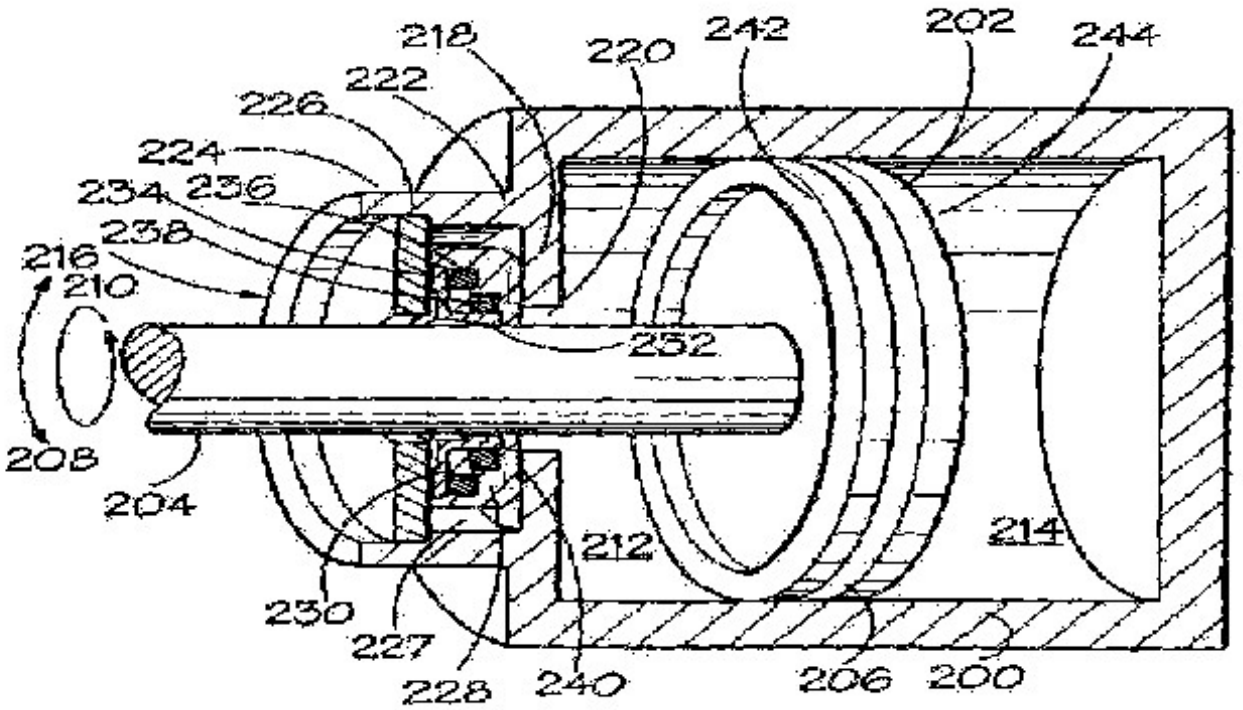
(54) Title of the invention : "TRANSMISSION OF THE TOROIDAL RACE ROLLING TRACTION TYPE"

(51) International classification	:F16H 15/38
(31) Priority Document No	:0308214.6
(32) Priority Date	:09/04/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/001556
Filing Date	:08/04/2004
(87) International Publication No	:WO 2004/090382
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LESLIE KENDRICK ROBINSON

No of Pages : 14
No of Claims : 33

(57) Abstract :
A hydraulic actuator is disclosed which is double-acting and in which a seal is formed, where an elongate piston rod (204) emerges from an end of the actuator's cylinder (200), which allows for angular displacement of the piston rod about a transverse axis. A sealing arrangement is utilised comprising a sea] body (240) through which the piston rod passes, the seal body being located between walls (218, 226) of an inwardly open annular recess (227) and being capable of radial movement in order to accommodate angular displacement of the piston rod. The sea! body carries a sealing band (230) having first and second sealing surfaces respectively resiliently biased against the piston rod and one of the walls of the annular recess, thereby to form a pair of seals which together resist egress of fluid from the end of the cylinder.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.429/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS OF EXTRACTING CHILI (CAPSICUM) OLEORESIN

(51) International classification	:A23L 1/212
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)JARPLA PURA NAIK
5)NANJUNDAIAH KRISHNAMURTHY

No of Pages : 16
No of Claims : 17

(57) Abstract :
'The present invention relates to a process of extraction of chili (Capsicum annum L) oleoresin of improved yield. The invention also provides a process of recovering carotenoid pigment with improved recovery/

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.43/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF AMINO ACIDS USEFUL IN THE PREPARATION OF PEPTIDE RECEPTOR MODULATORS"

(51) International classification :C07F 5/02
(31) Priority Document No :60/584,968
(32) Priority Date :02/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/023363
Filing Date :01/07/2005
(87) International Publication No :WO 2006/014324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 4

(57) Abstract :
Abstract: The present invention provides process useful for the preparation of intermediates which are useful in the preparation of amino acids useful in preparing peptide receptor modulators, for example agonists or partial agonists of such peptide receptors. Such peptide receptor modulators include, for example glucagon like peptide-1 receptor modulators which are useful for the amelioration of the diabetic condition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003

(21) Application No.430/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF SPREAD FROM DECALEPIS HAMILTONII (SWALLOW ROOT)

(51) International classification	:A23L 1/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ATTAR SINGH CHAUHAN
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No of Pages : 29
No of Claims : 2

(57) Abstract :
The present invention relates to a process for the preparation of spread from Decalepis hamiltonii India is a veritable storehouse of medicinal plants. One such plant found in peninsular India and no where else in the world is Decalepis hamiltonii of the family Asclepiadaceae

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2005
(21) Application No.430/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE SYNTHESIS OF 2-AMINO--5-PROTECTED AMINO-3-HYDROXY-1,6-DIPHENYLHEXANE OR A SALT THEREOF-AN INTERMEDIATE FOR ANTIVIRAL DRUGS

(51) International classification	:A61K 31/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)YOGINDER PAL SACHDEVA,
5)YATENDRA KUMAR.

No of Pages : 24
No of Claims : 9

(57) Abstract :
An improved process for preparation of 2-amino-5-protected-amino-3-hydroxy-1,6-diphenylhexana or an acid addition salt thereof which is a useful intermediate for preparing compounds with antiviral activity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.432/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LITCHI(LITCHI CHINENSIS)BEVERAGE

(51) International classification :A23L 1/068
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PRADEEP SINGH NEGI
4)RAMESH SHYAM RAMTEKE
5)WALIAVEETIL EIPE EIPESON

No of Pages : 11
No of Claims : 4

(57) Abstract :
Litchi (Litchi chinensis) is one of the excellent fruits of the Indian SUB continent. The fruit has an outer rough skin and inner translucent edible portion, commonly known as fleshy arils. The fleshy arils of litchi is quite delicate having an aromatic sweet taste but slightly acidic. For preparing litchi beverage there is always a problem of browning during storage at tropical ambient temperature. Generally, the beverage becomes brown within a few months of storage due to the reaction of reducing sugars and amino acids resulting in the formation of complex compounds. In our invention, it has been observed that freezing of litchi fruits before peeling would be helpful to prevent non - enzymatic browning on storage at tropical ambient temperature. The process comprises of washing, packaging of fresh litchi fruits in LDPE bags without peeling and freezing. The frozen litchi fruits are lye peeled with hot lye solution and then neutralized by dipping in some acidulants which may be lime juice, citric acid, amla juice, tartaric acid or combination of them. Neutralized litchi fruits are then subjected for deseeding and pulping. The juice is extracted from the litchi pulp and mixed with sugar syrup containing citric acid to get the litchi beverage. The said beverage may be pasteurized at 85Â°C and hot filled in pre sterilized glass bottles. After, sealing with crown cork the litchi beverage may be stored at tropical ambient temperature with or without the addition of preservatives. The litchi beverage prepared by this process can be stored up to one year without any browning, discolouration or microbial spoilage. The stored litchi beverage has excellent colour, flavour, taste and overall quality.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2006

(21) Application No.4322/DELNP/2006 A
(43) Publication Date : 27/04/2007

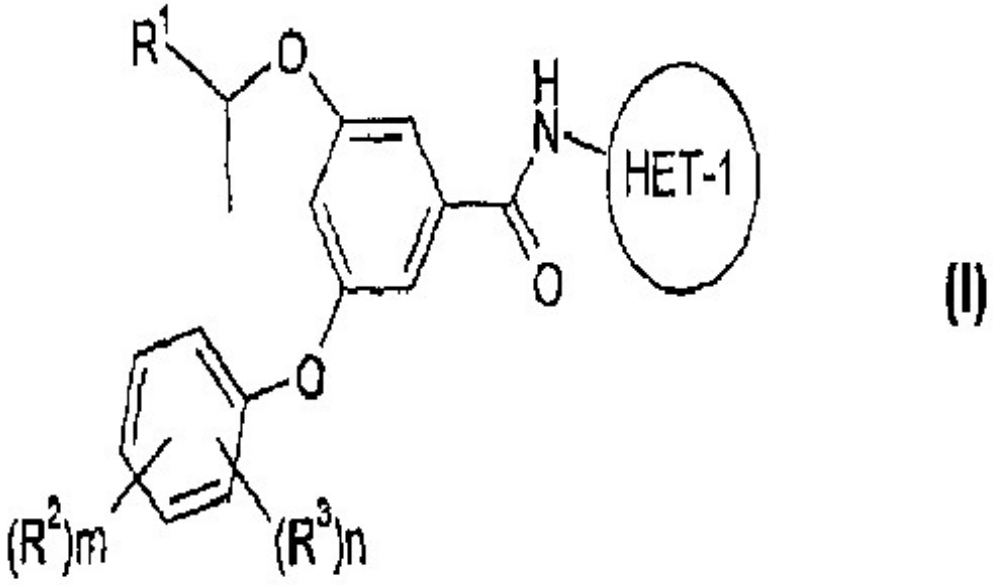
(54) Title of the invention : "BENZAMIDE DERIVATIVES AND THEIR USE AS GLUCOKINASE ACTIVATING AGENTS"

(51) International classification	:C07D 277/46
(31) Priority Document No	:0403593.7
(32) Priority Date	:18/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000545
Filing Date	:15/02/2005
(87) International Publication No	:WO 2005/080359
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 134
No of Claims : 17

(57) Abstract :
Compounds of Formula (I): wherein: R1 is methoxymethyl; R2 is selected from -C(O)NR4R5, -SO2NR4R5, -S(O)PR4 and HET-2; HET-1 is a 5- or 6-membered, optionally substituted C-linked heteroaryl ring; HET-2 is a 4-, 5- or 6-membered, C- or N-linked optionally substituted heterocyclyl ring; R3 is selected from halo, fluoromethyl, difluoromethyl, trifluoromethyl, methyl, methoxy and cyano; R4 is selected from for example hydrogen, optionally substituted (l-4C)alkyl and HET-2; R5 is hydrogen or (l-4C)alkyl; or R4 and R5 together with the nitrogen atom to which they are attached may form a heterocyclyl ring system as defined by HET-3; IfET-3 is for example an optionally substituted N-linked, 4, 5 or 6 membered, saturated or partially unsaturated heterocyclyl ring; p is (independently at each occurrence) 0, 1 or 2; mis 0 orl ; n is 0, 1 or 2; provided that when m is 0, then n is 1 or 2; or a salt, pro-drug or solvate thereof, are described. Their use as GLK activators, pharmaceutical compositions containing them, and processes for their preparation are also described.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2006

(21) Application No.4323/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ALIPHATIC-AROMATIC POLYESTERS, AND ARTICLES MADE THEREFROM"

(51) International classification :C08G 63/688
(31) Priority Document No :10/768,297
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003340
Filing Date :28/01/2005
(87) International Publication No :WO 2005/075538
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 105
No of Claims : 13

(57) Abstract :
Sulfonated aliphatic-aromatic polyester compositions having improved thermal properties, and articles such as films, coatings and laminates, produced from the sulfonated aliphatic-aromatic polyester compositions, are provided. Some of the films are biocompostable. Films made from the sulfonated aliphatic-aromatic copolyesters can be used to make shaped articles, such as sheets, thermoformed containers, and coatings for, for example, films and other substrates. The sulfonated aliphatic-aromatic copolyesters are produced from a mixture of aromatic dicarboxylic acids, aliphatic dicarboxylic acids, certain glycols, and components containing alkali metal or alkaline earth metal sulfonate groups, such as a metal 5-sulfoisophthalic acid derivative.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2006

(21) Application No.4324/DELNP/2006 A
(43) Publication Date : 27/04/2007

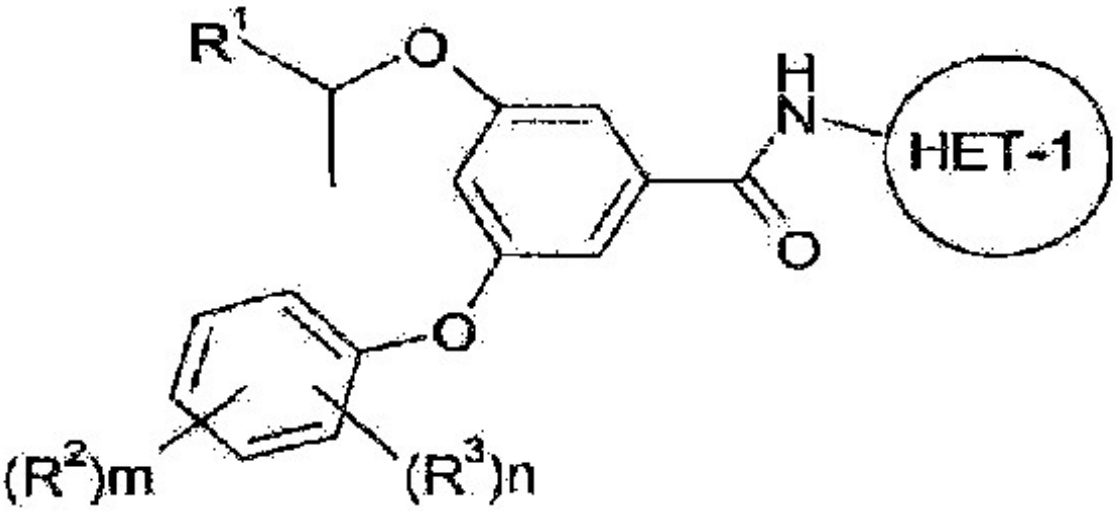
(54) Title of the invention : 'COMPOUNDS"

(51) International classification :C07D 277/46
(31) Priority Document No :0403595.2
(32) Priority Date :18/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000562
Filing Date :15/02/2005
(87) International Publication No :WO 2005/080360
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KURT GORDON PIKE

No of Pages : 113
No of Claims : 17

(57) Abstract :
Compounds of Formula (I) wherein: Rl is methyl; R2 is selected from -C (O) NR4R5, SO2NR4R5, S (O) pR4 and HET-2; IIET-1 is a 5- or 6-membered, optionally substituted C-linked heteroaryl ring; HET-2 is a 4-, 5- or 6-membered, C- or N-linked optionally substituted heterocyclyl ring; R3 is selected from halo, fluoromethyl, difluoromethyl, trifluoromethyl, methyl, methoxy and cyano; R4 is selected from for example hydrogen, optionally substituted (L-4C) alkyl and HET-2; R5 is hydrogen or (1-4C) alkyl; or R4 and R5 together with the nitrogen atom to which they are attached may form a heterocyclyl ring system as defined by IffiT-3; HET-3 is for example an optionally substituted N-linked, 4, 5 or 6 membered, saturated or partially unsaturated heterocyclyl ring; p is (independently at each occurrence) 0, 1 or 2; m is 0 or 1; n is 0, 1 or 2; provided that when m is 0, then n is 1 or 2; or a salt, pro drug or solvate thereof, are described. Their use as GLK activators, pharmaceutical compositions containing them and processes for their preparation are also described.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2005
(21) Application No.4328/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPLANTS COMPRISING FUNCTIONALIZED CARBON SURFACES"

(51) International classification :A61L 31/00
(31) Priority Document No :103 24 415.8
(32) Priority Date :28/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/005785
Filing Date :28/05/2004
(87) International Publication No :WO 2004/105826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MAYER, BERNHARD

No of Pages : 34
No of Claims : 20

(57) Abstract :
The invention relates to a method for producing medical implants comprising limclionalized surfaces by providing at least part of the surface of a medical implant with at least one carbon-containing layer, activating the carbon-containing layer by creating porosity, and functionalizing the activated carbon-containing layer. Also disclosed are functionalized implants that are obtained by means of the inventive method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2005
(21) Application No.4330/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR COATING SUBSTRATES WITH A CARBON-BASED MATERIAL"

(51) International classification :B05D 7/24
(31) Priority Document No :103 22 182.4
(32) Priority Date :16/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/004987
Filing Date :10/05/2004
(87) International Publication No :WO 2004/101177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ASGARI, SOHEIL

No of Pages : 18
No of Claims : 3

(57) Abstract :
The present invention relates to a method for coating substrates with a carbon-based material, comprising the steps of at least partially coating a substrate with a polymer film on at least one outside surface of the substrae and carbonizing the polymer film in an atmosphere that is essentially free of oxygen at temperatures in the range of 200Â°C to 2500Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.434/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF RIPE BANANA POWDER.

(51) International classification	:A23L 1/064
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)JACOB JOHN

No of Pages : 8
No of Claims : 13

(57) Abstract :
The present invention relates to a an easy, quick, and cost effective method of estimating fluoride content in water, said method comprising steps of adding about 5 parts of the calorimetric reagent to about one part of test water sample, adding water to make it upto about 10 times the calorimetric agent, comparing the colour developed by the addition of the reagent with a standard colour chart provided in Fig. 1, and estimating fluoride content in test water; and also, a kit thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2005
(21) Application No.4343/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TEXTILE FABRIC"

(51) International classification :D06M 11/83
(31) Priority Document No :09/557,669
(32) Priority Date :25/04/2000
(33) Name of priority country :U.S.A.
(86) International Application No :09/5557,669
Filing Date :25/04/2000
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/01047/DEL
Filed on :21/10/2002

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No of Pages : 16
No of Claims : 6

(57) Abstract :
The present invention relates to a method and products for combating and preventing nosocomial infections. More particularly, the present invention relates to textile fabrics for use in healthcare facilities and effective for the inactivation of antibiotic resistant strains of bacteria

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.437/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF JAM FROM CUSTARD APPLE

(51) International classification	:A23L 1/064
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SOMASUNDARAM RAJARATHNAM
4)REVATHY BASKARAN

No of Pages : 12
No of Claims : 21

(57) Abstract :
The present invention entails to describe a process to prepare jam from custard apple fruits, overcoming the three characteristic problems of discoloration, development of bitterness and off-flavor and also the custard apple jam thus obtained.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.438/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF THERMOST ABLE ENZYMES OF HIGH TRANSITION TEMPERATURE

(51) International classification	:C12N 9/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)NAIKANKATTE GANESH KARANTH
4)MYSORE ANANTHARAMAIAH KUMAR

No of Pages : 15
No of Claims : 23

(57) Abstract :
A process for the preparation of thermostable enzymes of high Transition temperature (Tm) useful for biological processes of high temperature, said process comprising steps of silanizaton of the activated glass beads by evaporative deposition of Aminopropyl triethoxysilane in acetone, heating the silanated glass beads overnight at about 115Â°C. treating the heated glass beads with glutaraldehyde in phosphate buffer of pH about 6.0 for one hour each, both with and without vacuum, exposing the treated beads to the enzyme at about 300C and for time duration ranging between 3-5 hours with intermittent shaking, reducing the Schiff' s base obtained in preeceding step by treating the beads of step (d) with sodium cyanoborohydride, obtaining thermostable enzyme immobilized on the beads, blocking the unoccupied regions of the glass beads with glycine, and a method of using the thermostable enzymes, and a thermostable enzyme thereof.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2003

(21) Application No.439/DEL/2003 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCTION OF 2-HYDROXY-4-METHOXY BENZALDEHYDE FROM TUBERS OF DECALEPIS HAMILTONII WIGHT & ARN.

(51) International classification	:A01N 65/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GOKARE ASWATHANARAYANA RAVISHANKER

No of Pages : 17

No of Claims : 2

(57) Abstract :
The present invention relates to a process for production of 2-hydroxy 4 methoxy benzaidehyde from tubers of Decalepis hamiltonii Wight & Arn. The invention is aimed at development a process for production of 2-hydroxy 4 methoxy benzaidehyde from tubers of Decalepis hamiltonii Wight & Arn,/

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2002

(21) Application No.44/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SAFETY VALVE AND SAFETY VALVE SYSTEM"

(51) International classification	:F25B 49/00
(31) Priority Document No	:09/767,105
(32) Priority Date	:22/01/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DAVID PALLA
3)ZBIGNIEW HENRY GUGALA

No of Pages : 11
No of Claims : 20

(57) Abstract :
A manifold safety valve assembly is disclosed. The assembly includes a manifold having at least two outlets and a flow director valve disposed between the outlets to direct fluid pressure from an inlet to one or the other of the outlets. Safety valve mechanisms are mounted at each manifold outlet. Each safety valve comprises a body having a main valve fluid passage. A rupture disk normally blocks an upstream location of the valve fluid passage. A pressure relief mechanism normally blocks a relatively downstream portion of the main fluid passage. A secondary fluid passage leads from a main fluid passage at a point between the rupture disk and a pressure relief mechanism to a gauge port.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.44/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SCALE READING APPARATUS"

(51) International classification :G01D 5/245
(31) Priority Document No :0415141.1
(32) Priority Date :06/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002652
Filing Date :06/07/2005
(87) International Publication No :WO 2006/003452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 42
No of Claims : 41

(57) Abstract :
Scale reading apparatus having a scale and readhead moveable relative to one another. The scale has a first incremental scale pattern with a fine pitch and a second incremental scale pattern with a coarse pitch. The readhead has a detector to detect each of the incremental scale patterns. The scale reading apparatus can be used for both slow speed and fast speed measurements. The second incremental scale pattern may be provided in a scale track which has a dual function (e.g. limit track or reference mark) and the readhead may be configured to decode the signal to produce an output suitable for the desired function.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.440/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HIGH MELTING POINT WAX HAVING MELTING POINT OF 68-75 C

(51) International classification	:C11B 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 1

(57) Abstract :
A process for the preparation of wax for use as an industrial product with high melting range is described. The product is an ester containing n-triacontanol, a growth promoter as one of the fatty alcohol. Recovery of oii (60-80%) from the crude wax was achieved using repeated extraction of cold solvent hexane. The separated solid material from miscella is added with chloroform and mixed for complete solubilisation of wax. The solution was filtered to remove insoluble material (including fine particles of hulls) under pressure. The miscella containing chloroform and chloroform solubles is concentrated and further precipitated wax with chilled acetone. Separation of wax was carried out by filtration. The wax has a melting range of max temperature 68-75 C. The product contains long chain fatty acids esterified with long chain alcohol, having n-triacontanol, a growth promoter. 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2005
(21) Application No.4410/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CABLE-ROUTING DEVICE"

(51) International classification :H02G 3/04
(31) Priority Document No :203 05 679.5
(32) Priority Date :07/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2004/000721
Filing Date :02/04/2004
(87) International Publication No :WO 2004/093279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 22
No of Claims : 25

(57) Abstract :
The invention relates to a cable-routing device comprising links that are open at the ends, joined together in pivoting fashion and can be angled relative to each other in at least two directions, said links being arranged one behind the other in the longitudinal direction of the cable-routing device and forming at least one guide channel by means of guide elements located radially outwards, where tensile force-absorbing pivoting joints are located between links joined together in pivoting fashion within the cable-routing device and the links each display corresponding joint elements. In order to provide a cable-routing device that is capable of absorbing high tensile forces and/or thrust, especially in the longitudinal direction, and whose assembly and/or disassembly is facilitated, at least one pivoting joint (6, 7) is designed in such a way that, in order to form and/or disconnect the pivoting joint, the respective links (2) and/or joint elements to be joined to one another and/or disconnected from one another can be joined and/or separated in a direction (8) that encloses an angle relative to the longitudinal axis (9) of the cable-routing device, (fig. 2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2005
(21) Application No.4415/DELNP/2005 A
(43) Publication Date : 27/04/2007

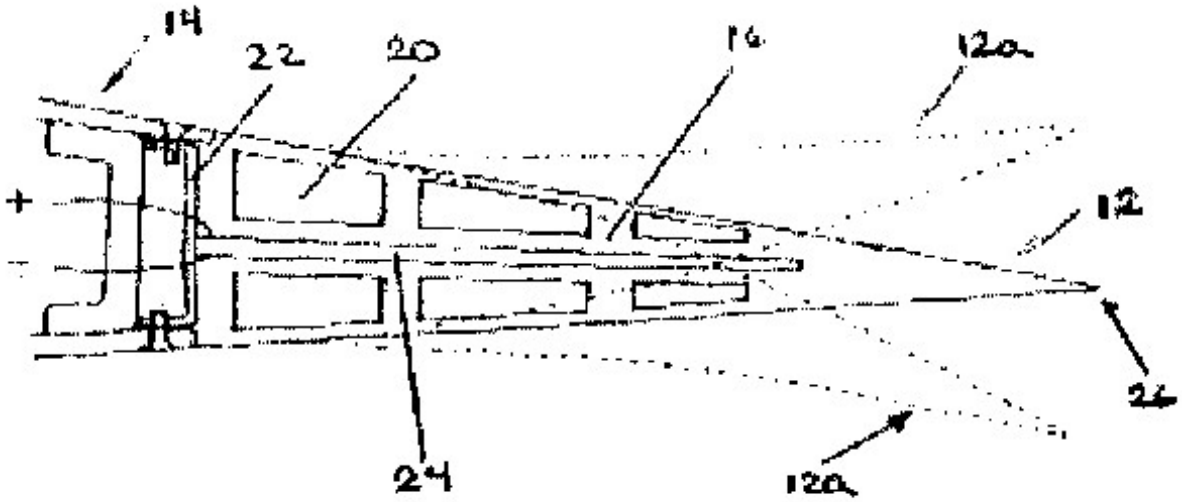
(54) Title of the invention : CONTROL OF POWER, LOADS AND/OR STABILITY OF A HORIZONTAL AXIS WIND TURBINE BY USE OF VARIABLE BLADE GEOMETRY CONTROL

(51) International classification :F03D 1/06
(31) Priority Document No :PA 2003 00491
(32) Priority Date :31/03/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2004/000225
Filing Date :31/03/2004
(87) International Publication No :WO 2004/088130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FUGLSANG, PETER
4)MADSEN, HELGE AAGAARD
5)RASMUSSEN, FLEMMING

No of Pages : 19
No of Claims : 29

(57) Abstract :
The present invention relates to a design concept by which the power, loads and/or stability of a wind turbine may be controlled by typically fast variation of the geometry of the blades using active geometry control (e.g. smart materials or by embedded mechanical actuators), or using passive geometry control (e.g. changes arising from loading and/or deformation of the blade) or by a combination of the two methods. The invention relates in particular to a wind turbine blade, a wind turbine and a method of controlling a wind turbine.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.443/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR EXTRACTION OF BIOACTIVE COMPOUNDS FROM MANGO PEEL

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 9

(57) Abstract :
The present invention relates to a process for the extraction of bioactive compounds from mango peel. This process finds application in mango processing industry and food and nutrition industry,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2005
(21) Application No.4431/DELNP/2005 A
(43) Publication Date : 27/04/2007

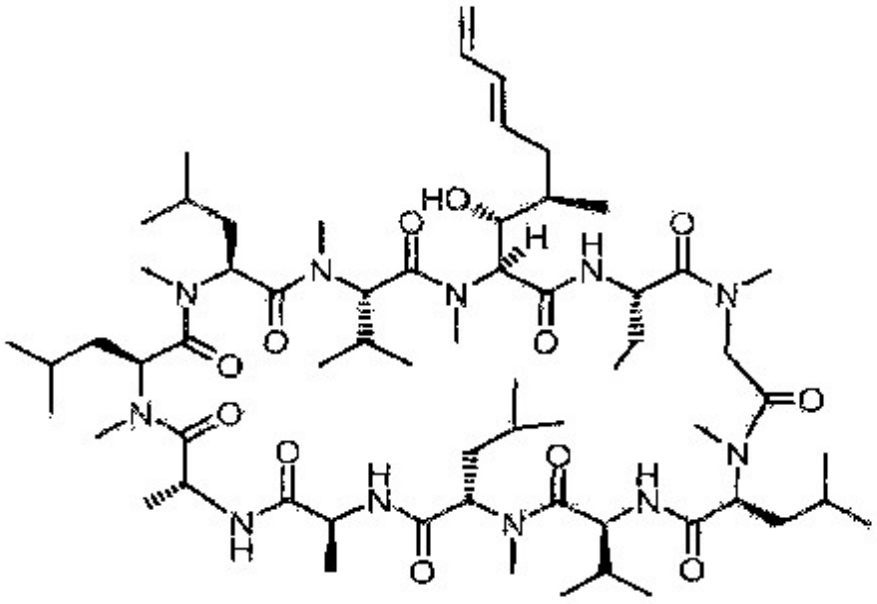
(54) Title of the invention : "PROCESS FOR PREPARATION OF CYCLOSPORIN A ANALOG"

(51) International classification :C07K 7/64
(31) Priority Document No :03007921.4
(32) Priority Date :08/04/2003
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2004/003504
Filing Date :02/04/2004
(87) International Publication No :WO 2004/089960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARK ABEL
3)SEETHARAMAN JAYARAMAN

No of Pages : 59
No of Claims : 28

(57) Abstract :
The invention is concerned with a new process for the preparation of a cyclosporin A analog of formula I comprising a) allylating a protected cyclosporin A aldehyde with a allylmetal reagent and b) converting the compound obtained in step a) to the cyclosporin A analog of formula I.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2005
(21) Application No.4436/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR MAKING A PIPA-POLYOL"

(51) International classification :C08G 18/08
(31) Priority Document No :03010560.5
(32) Priority Date :12/05/2003
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2004/050369
Filing Date :26/03/2004
(87) International Publication No :WO 2004/099281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 10

(57) Abstract :
Process for preparing a polyol comprising particulate material in dispersed form by reacting an MDI-based polyiso-cyanate and a polyol having an equivalent weight of up to 400 the reaction being carried out in a polyol having an equivalent weight of 500 or more wherein the polyol having an equivalent weight of 500 or more is a polyoxyethylene polyoxypropylene polyol having an oxyethylene content of 15-49% by weight calculated on the total oxyalkylene groups present wherein 20-80% of the oxyethylene-groups resides at the end of the polymer chains.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2003
(21) Application No.446/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR PREPARATION OF STABILEZED PINK COLOR LARGE CARDAMOM FROM FRESHLY HARVESTED LARGE CARDAMOM"

(51) International classification	:A23L 1/212
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 16
No of Claims : 28

(57) Abstract :
The present invention relates to a novel composition for stabilizing pink color of fresh large cardamom, said composition comprising aqueous solution of chemicals selected from hydrochloric acid, aluminium chloride, trisodium phosphate, organic acids or combinations thereof at a concentration in the range of 0.05 to 2.0 per cent and a process for stabilizing stabilising pink color of fresh large cardamom using said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2005

(21) Application No.4467/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LOW ENERGY SO2 SCRUBBING PROCESS"

(51) International classification :B01D 53/50
(31) Priority Document No :10/639,678
(32) Priority Date :13/08/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/000955
Filing Date :25/06/2004
(87) International Publication No :WO 2005/016495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HAKKA ,LEO, E.

No of Pages : 35
No of Claims : 31

(57) Abstract :
Sulphur dioxide is removed from gas streams by contacting the gas stream with an absorbing medium containing an amine capable of forming an amine salt, heat stable salt and sulfite. The level of heat stable salt is selected such that during the regeneration process of the sulphur dioxide rich amine, the pH of the absorbing medium is at a selected level or below when the level of sulfite in the absorbing medium has been reduced to a specified value. The amine that absorbs the sulphur dioxide has a pKa less than that of sulfite. It the absorbent includes a diamine, then the spent absorbing medium is regenerated under conditions such that at least one amine group remains in salt form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.45/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYNTHESIS OF 6,7-DIDHYDRO-5H-IMIDAZO[1,2-A]IMIDAZOLE-3-SULFONIC ACID AMIDES"

(51) International classification :C07D 487/04
(31) Priority Document No :60/591,398
(32) Priority Date :27/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026148
Filing Date :25/07/2005
(87) International Publication No :WO 2006/014828
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)LI ZHANG

No of Pages : 46
No of Claims : 7

(57) Abstract :
Disclosed is a multi-step process for preparing a compound of Formula I wherein R1 to R3 are as defined herein. The compounds of formula I inhibit the binding of human intercellular adhesion molecules to the Leukointegrins. As a result, these compounds are useful in the treatment of inflammatory and immune cell-mediated diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2005
(21) Application No.4506/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A STERILIZED PERITONEAL DIALYSIS SOLUTION"

(51) International classification :A61K 31/715
(31) Priority Document No :09/206,063
(32) Priority Date :04/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/27456
Filing Date :18/11/1999
(87) International Publication No :WO 00/33851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2000/00089/DEL
Filed on :12/07/2000

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2)PETRELLA ENRICO
3)TORRI GIANGIACOMO
4)CASU BENITO

No of Pages : 26
No of Claims : 17

(57) Abstract :
The present invention provides a peritoneal dialysis solution that contains heat stable osmotic agents such as D-glucitols, gluconic acids and alkylglycosides produced the reduction, oxidation or glycosylation of icodextrins respectively. As a result, osmotic agents that are stable under autoclaving or heat sterilization conditions are provided which reduces the amount of bioincompatible materials in the sterilized peritoneal dialysis solutions. Methods of preparing the D-glucitols, gluconic acids and alkylglycosides are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2005
(21) Application No.4509/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A TWO-PART BICARBONATE CONTAINING SOLUTION."

(51) International classification :A61K 33/10
(31) Priority Document No :09/393,743
(32) Priority Date :10/09/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/20486
Filing Date :27/07/2000
(87) International Publication No :WO 01/17534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00428/DEL
Filed on :22/05/2001

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3)BALTEAU PATRICK
4)HARTMAN JEAN-PIERRE
5)MARTIS LEO
6)PELUSO FRANCESCO

No of Pages : 24
No of Claims : 6

(57) Abstract :
The present invention provides devices and methods for stabilizing bicarbonate-based solutions for peritoneal dialysis or hemofiltration. The bicarbonate-based solutions of the present invention are formulated and stored in at least two parts - an alkaline bicarbonate concentrate and an acidic concentrates. The alkaline bicarbonate concentrate is adjusted to have a pH of about 8.6 to 10.0. The acidic concentrate is adjusted to have a stable, acidic pH ranging from about 1.0 to 3.0. Upon mixing, although some variation in the pH of the mixed bicarbonate solution exists, the inventors have discovered that with the appropriate selection of the parameters of the concentrates, the pH of the mixed solution is always within an acceptable physiological range.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2005

(21) Application No.4545/DELNP/2005 A
(43) Publication Date : 27/04/2007

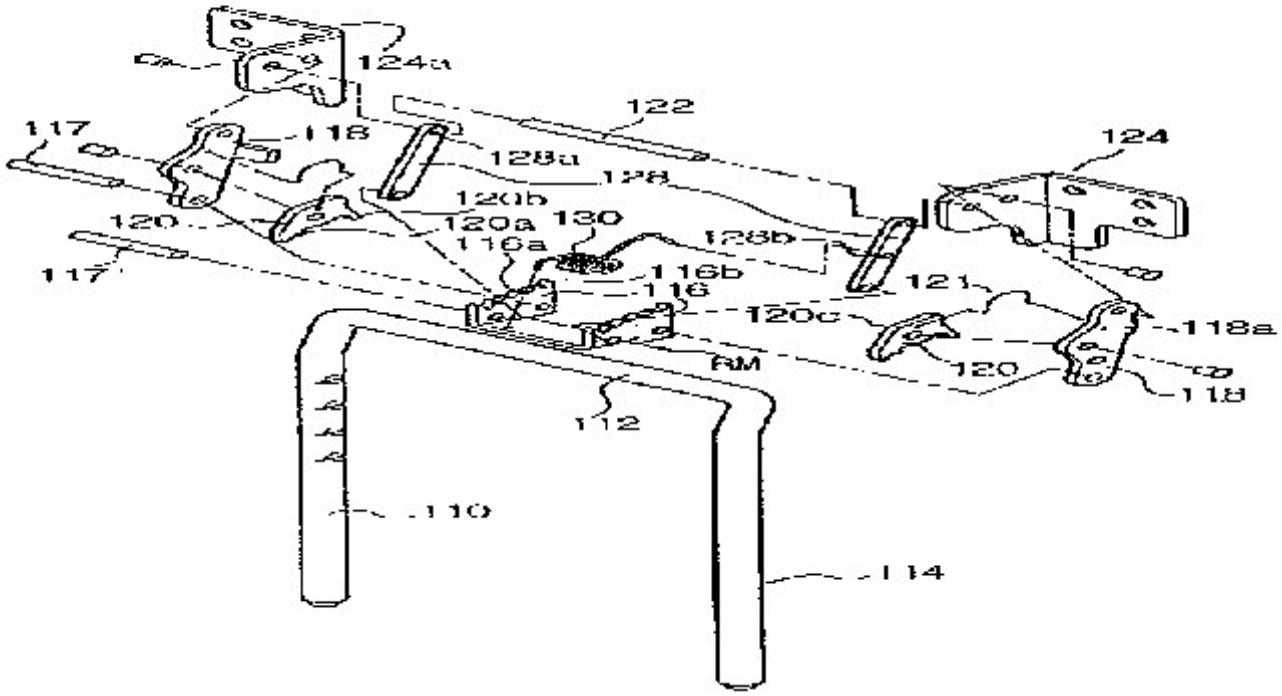
(54) Title of the invention : "DEVICE FOR MOVING HEADREST BACK AND FORTH"

(51) International classification	:B60N 2/48
(31) Priority Document No	:2003-023513
(32) Priority Date	:14/04/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/000866
Filing Date	:14/04/2004
(87) International Publication No	:WO 2004/089688
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 16
No of Claims : 9

(57) Abstract :
A device for moving headrest back and forth for automobile in which a tilt adjusting device and a back and forth movement device are united into a single device is provided. The device comprises a stay (114), a ratchet member (RM), a tilt adjusting device (TAD), a check member (CM), a back and forth movement device (TAD), a first torsion coil spring (130), one or a pair of second torsion coil springs (121) and a mobile shaft (122) for the back and forth movement device (MD).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2005
(21) Application No.4556/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMMUNICATION SYSTEM AND COMMUNICATION METHOD"

(51) International classification :H04Q 7/38
(31) Priority Document No :2003-108265
(32) Priority Date :11/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/005135
Filing Date :09/04/2004
(87) International Publication No :WO 2004/093480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHIA PEI YEN
2)CHENG HONG

No of Pages : 58
No of Claims : 38

(57) Abstract :
A technique for the end terminal provided with services to handle QoS process is disclosed. According to this technique, a terminal based QoS management scheme is implemented to achieve end-to-end QoS wherein the end terminal 21 is responsible for handling of the QoS related functions. In order for QoS management to be handled at terminal, the terminal needs to know the network conditions and external state of entities in order to know what action to be taken. For example, the terminal performs monitoring and usage collection. These performance data are then reported to a central server (SLA manager 28) . The central server collects these data from all terminals within its administration domain. The central server also has access to information on the QoS to be given to individual terminals, such as service level. Based on the information, the central server decides what action to be taken by individual terminal and enforces these actions into the affected terminals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2007

(21) Application No.46/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR BUFFERING AUDIO DATA IN OPTICAL DISC SYSTEMS IN CASE OF MECHANICAL SHOCKS FOR VIBRATIONS"

(51) International classification	:G11B 20/12
(31) Priority Document No	:04018062.2
(32) Priority Date	:30/07/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/053406
Filing Date	:15/07/2005
(87) International Publication No	:WO 2006/010714
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)JUERGEN BAEUMLE
3)HERBERT HOELZEMANN

No of Pages : 18
No of Claims : 10

(57) Abstract :
Method for buffering audio data in optical recording media, and apparatus using such method for reading from and/or writing to optical recording media in case of an error condition (e.g. upon shock or vibration). It comprises the steps of, as audio data is read from a position on the medium prior to a position corresponding to a verified write position in the memory (9) and in case writing to the memory is inhibited; counting the number of samples read; searching for two subsequent markers distant of one frame (to take into account the case where a marker could be corrupted); determining the remaining distance to the verified write position based on the sample count; restarting writing the audio data to the memory when the data read from the medium corresponds to the verified write position.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.4618/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PYRAZOLINE DERIVATIVES USEFUL FOR THE TREATMENT OF CANCER"

(51) International classification :C07D 231/06
(31) Priority Document No :2004 00362
(32) Priority Date :16/02/2004
(33) Name of priority country :Spain
(86) International Application No :PCT/EP2005/001656
Filing Date :16/02/2005
(87) International Publication No :WO 2005/077910
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 12

(57) Abstract :
The present invention relates to new substituted pyrazoline compounds, pharmaceutical compositions containing such compounds and the use of these compounds for the treatment of cancer, in particular for the treatment of brain cancer, bone cancer, lip cancer, mouth cancer, esophageal cancer, stomach cancer, liver cancer, bladder cancer, pancreas cancer, ovary cancer, cervical cancer, lung cancer, breast cancer, skin cancer, especially for the treatment of colon cancer and/or bowel cancer and/or prostate cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.4619/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SECURE COMPUTER COMMUNICATION"

(51) International classification :H04L 29/06
(31) Priority Document No :0404444.2
(32) Priority Date :27/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000644
Filing Date :23/02/2005
(87) International Publication No :WO 2005/083970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 11
No of Claims : 9

(57) Abstract :
A method of improving the security of computer communications over a connecting network comprising the steps, carried out before a data packet enters the connecting network from a user domain, of tagging the data packet from a user domain with a security level marking and appending the tagged data packet with a string formed from a check-sum made over the data packet and security level marking tag to form a datagram. The integrity of the data is protected and the method can be used to prevent the mis-routing of data packets to user domains of lower security classification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006

(21) Application No.4623/DELNP/2006 A
(43) Publication Date : 27/04/2007

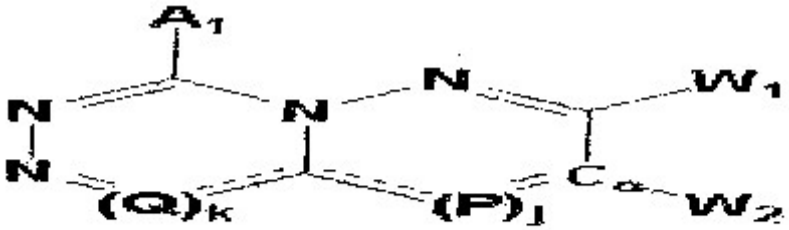
(54) Title of the invention : "NITROGENOUS FUSED HETEROAROMATIC RING DERIVATIVE"

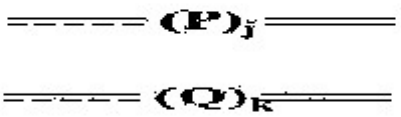
(51) International classification	:C07D 487/04
(31) Priority Document No	:2004-042171
(32) Priority Date	:18/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/002948
Filing Date	:17/02/2005
(87) International Publication No	:WO 2005/077953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

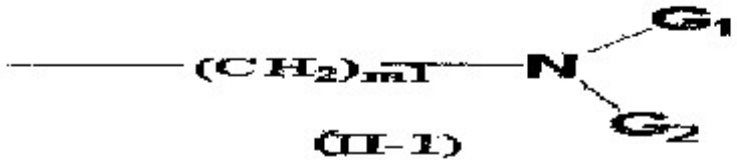
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No of Pages : 109
No of Claims : 22

(57) Abstract :
The invention provides a compound or its pharmaceutically-acceptable salt of formula wherein a1 is a hydrogen, etc.; j and k are 0 or 1; is a double bond, etc.; is a double bond, etc.; one of W1 and W2 is E-O-W, etc., and the other is a hydrogen atom, etc.; E is a divalent group derived from a benzene ring, etc., by removing two hydrogen atoms therefrom; W is a group of formula (II-l): which has a histamine-H3 receptor antagonistic effect or a histamine-H3 receptor inverse-agonistic effect and is useful for prevention or remedy of metabolic system diseases, circulatory system diseases or nervous system diseases.







(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2005
(21) Application No.463/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ANTITUMORAL ANALOGS OF LAMELLARINS

(51) International classification :C07D 491/00
(31) Priority Document No :0218816.7
(32) Priority Date :13/08/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/003541
Filing Date :13/08/2003
(87) International Publication No :WO 2004/014917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 220
No of Claims : 22

(57) Abstract :
New lamellarins are provided of the general formula III wherein X is selected from the group consisting of N, O and S; wherein R1, R2, R3, R4, R5, R6, R7, R8 and R9 are each independently selected from the group consisting of H, OH, OR', SH, SR', SO2R', NHR', N(R')2, N=R', NHCOR', N(COR')2. NHS02R', N02, PO(R'2, P02R', C(=0)H, C(=0)R'. C02H, C02R', OPO(R')2, OP02R', OC(=0)H, OC(=0)R', N=C(R')2, substituted or unsubstituted C1-C12 alkyl, substituted or unsubstituted C1-C12 haloalkyl, substituted or unsubstituted C2-C12 alkenyl, substituted or unsubstituted C2-C12 alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted aralkyl and substituted or unsubstituted heteroaromatic; wherein each of the R' groups is independently selected from the group consisting of H, OH, N02, NH2, SH, CN, halogen, =0, C(=0)H, C(=O)CH3, C02H, C(=0)R', substituted or unsubstituted C1-C18 alkyl, substituted or unsubstituted C2-C18 alkenyl, substituted or unsubstituted C2-C18 alkynyl, substituted or unsubstitut0d aryl, substituted or unsubstituted C1-C18 alkoxyl, substituted or unsubstituted C1-C18 aminoalkyl, substituted or unsubstituted C1-C18 aminoacid, substituted or unsubstituted C1-C18 thioalkyl, substituted or unsubstituted C1-C18 alkylsulfinyl, substituted or unsubstituted C1-C18 alkylsulfonyl; wherein the pairs of groups R1 and R2, R2 and R3, R3 and R4, R3 and R9, R4 and R9, R9 and R5, R9 and R6, or R6 and R7, R7 and R8 may be joined into a carbocyclic or heterocyclic ring system; and the dotted line represents an single or double bond; or a pharmaceutically acceptable salt, derivative, prodrug or stereoisomer

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003

(21) Application No.465/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF 9:10-PHENANTHRAQUINONE

(51) International classification	:C10C 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)UJJAL BHATTACHARYA
7)MAHENDRA KUMAR AGARWALLA
8)ATUL KUMAR AGARWALLA

No of Pages : 11
No of Claims : 6

(57) Abstract :
In the process of the present invention, 95 % pure phenanthrene, obtained as a coal tar by-product, is converted to 9:10-phenanthraquinone by oxidation. Further, the 9:10-phenanthquinone is recovered to obtain 99 % pure 9:10-phenanthquinone at yields of the order of 40 to 60 %. The 9:10-phenanthraquinone so obtained is useful as an additive for photographic or electro-photographic applications, in UV-curable coatings and adhesives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2005
(21) Application No.4652/DELNP/2005 A
(43) Publication Date : 27/04/2007

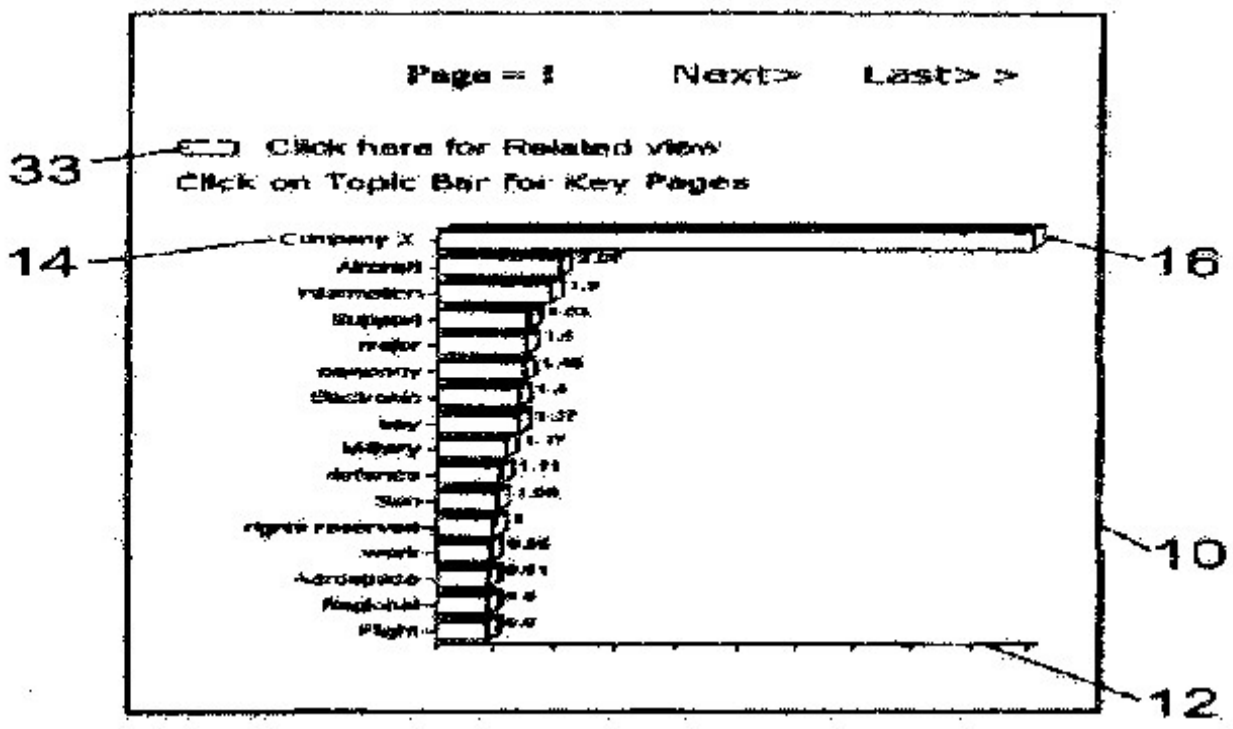
(54) Title of the invention : WEB NAVIGATION TOOL

(51) International classification :G06F 17/30
(31) Priority Document No :0309174.1
(32) Priority Date :23/04/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/001749
Filing Date :23/04/2004
(87) International Publication No :WO 2004/095314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 29

(57) Abstract :
An interactive/electronic guide (10) for allowing navigation around a group of electronic documents, such as on internet or in an intranet site or such like, the guide being operable automatically to present a plurality of topic identifiers (14) together with an indication (16) of the importance of the topics identified within a site. Each topic (14,16) is user selectable. Selection of a given topic (14,16) provides access to information on that topic. Preferably, the guide (10) also provides information about multiple sites that are potentially related by content as well as an indication of a degree of similarity in content between such multiple sites.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.467/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE MANUFACTURE OF GLASS-POLYMER HYBRID MULTI - LAYER LAMINATES HAVING ENHANCED FAILURE RESISTANCE AND GLASS-POLYMER HYBRID MULTI - LAYER LAMINATES MADE THEREBY

(51) International classification	:B32B 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)KALYAN KUMAR PHANI

No of Pages : 23
No of Claims : 11

(57) Abstract :
In the present invention, an improved process has been provided to obtain glass polymer hybrid multi-layer laminates with enhanced failure resistance. The enhancement in failure resistance was made possible through controlled interfacial decoding leading to the growth of delaminating cracks. The architecture of the multi-layer composite involved alternate placement of a plurality of brittle glass and viscoeiastic polymeric layers with a deliberately designed weak interface between the two. In particular the desired variation in the degree of weakness was achieved by the innovative introduction of a thin oily film at the interface between the glass layer and the polymeric layer. In addition, the advantage of the low pressure lamination technique was exploited to further develop the weakness of the interface. This makes the process not only simpler but also cost effective. It has been shown further that depending on the type of oily film, type of reinforcement and the number of reinforcing layers, the failure resistance of the glass polymer hybrid multi-layer composites can be enhanced to a value of as high as about , 1341 J/m2 in comparison to a low value of about 5 J/m2 obtained for the brittle glass ; matrix. Similarly, on the lower side values as small as about 10 J/m2 could also be obtained for the failure resistance of the glass polymer hybrid multi-layer composites, Idepending on the type of oily film, the type of reinforcement and the number of reinforcing layers. In other words, thus, the present process provides a means to tailor the failure resistance of the glass polymer hybrid multi-layer composites to suit a particular end application.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.470/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR RECLAMATION OF CRUDE OIL CONTAMINATED SOIL

(51) International classification	:C02F 3/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HARI P DEKA BARUA

No of Pages : 16
No of Claims : 11

(57) Abstract :
ABSTRACT The present invention provides an eco-friendly process for the reclamation of crude oii contaminated soil, wherein the process incorporates a bio-formulation which is used for reclamation of crude oii contaminated soil. In the process a bio-formulation is prepared consisting of a mixture of three types of bacterial strains belonging to the genus Thiobacillus, Azotobacter and Arthobacter and the said bio-formulation is applied to the crude oii contaminated soil to be reclaimed. The process of the present invention for the reclamation of crude oii contaminated soil will find wide usage particularly in and around oii field areas and generally in areas contaminated due to crude oii spillage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2005
(21) Application No.470/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESSOR"

(51) International classification :G06F 13/00
(31) Priority Document No :053385
(32) Priority Date :31/03/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :469/DEL/1999
Filed on :24/03/1999

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2)SHREEKANT S. THAKKAR
3)THOMAS HUFF
4)VLADIMIR PENTKOVSKI

No of Pages : 17
No of Claims : 12

(57) Abstract :
The present invention concerns a processor for use with a memory hierarchy comprising a main memory (110) having a plurality of main memory address s (1101-llOn) each having a corresponding data entry and a cache memory (200) having a cache directory (22O) with a plurality of addresses (2121-212n) and a cache controller (170) having a plurality of data entries corresponding to said plurality of addresses, characterized in that said processor, in response to a masked write cache pollution avoidance instruction having an operand address, is adapted to update a cache data entry in said cache memory by performing a masked write using a mask pattern if said processor Determines that said operand address matches one of said plurality of Addresses in said cache directory, and is otherwise adapted to update a data entry in said main memory by performing the masked write using the mask pattern.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.4719/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING THEM, AND USE THEREOF

(51) International classification :A61K 8/49
(31) Priority Document No :60/541,113
(32) Priority Date :02/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003176
Filing Date :01/02/2005
(87) International Publication No :WO 2005/074875 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 65
No of Claims : 11

(57) Abstract :
This invention further relates to a composition for the oxidative dyeing of keratin fibers, comprising a medium suitable for dyeing and one or more 5-membered heteroaromatic keratin dyeing compounds with one, tow, or three heteroatoms. This invention further relates to a method for oxidative dyeing of keratin fibers, comprising applying such compositions in the presence of an oxidizing agent, for a period sufficient to develop the desired coloration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.472/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF IMPROVED HETEROGENEOUS ION-EXCHANGE SPACER

(51) International classification	:B01D 61/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)RAMAMURTI RANGARAJAN
6)PUSHPITO KUMAR GHOSH

No of Pages : 38
No of Claims : 18

(57) Abstract :
The present invention relates to a process for the preparation of improved heterogeneous ion-exchange spacer. The main usage of the invention is in the preparation of heterogeneous ion-exchange spacer through a new process and it is an excellent material to be used in electrodialysis process for demineralization of solutions (organics or inorganics) having low salt content eg. separation of sodium formate from pentaerythritol

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.4720/DELNP/2006 A
(43) Publication Date : 27/04/2007

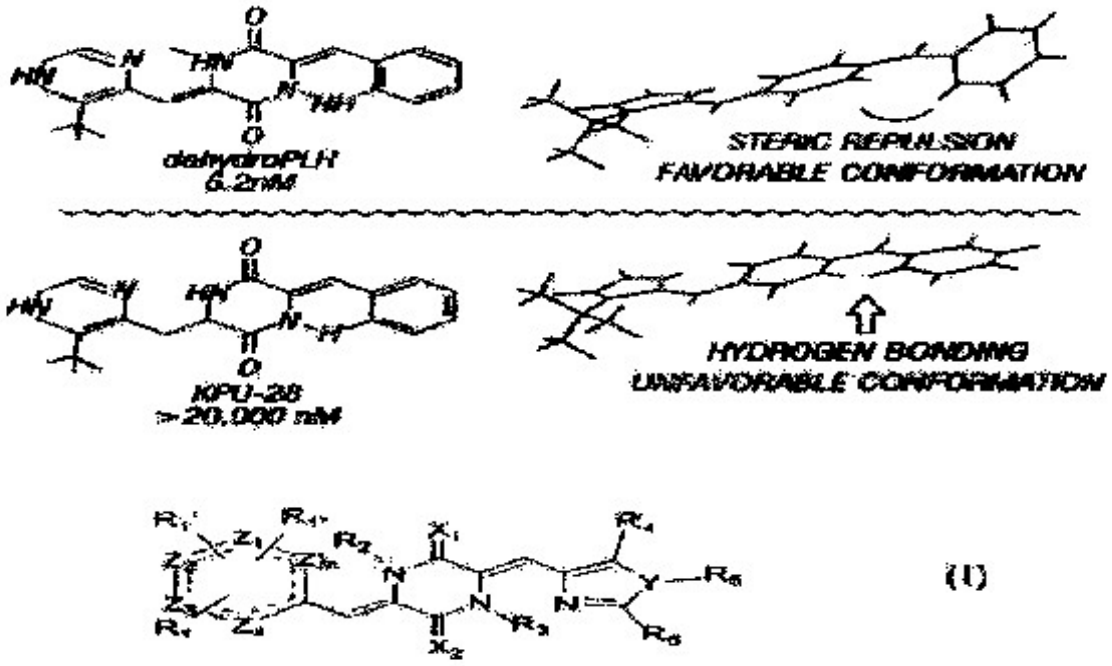
(54) Title of the invention : "DEHYDROPHENYLAHISTINGS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLAHISTINS AND ANALOGS THEREOF "

(51) International classification	:C07D 403/06
(31) Priority Document No	:60/542,073
(32) Priority Date	:04/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003636
Filing Date	:04/02/2005
(87) International Publication No	:WO 2005/077940
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)HAYASHI, YOSHIO
4)NICHOLSON, BENJAMIN

No of Pages : 233
No of Claims : 41

(57) Abstract :
Compounds represented by the following structure (I) are disclosed: as are methods for making such compounds, wherein said methods comprise reacting a diacyldiketopiperazine with a first aldehyde to produce an intermediate compound; and reacting the intermediate compound with a second aldehyde to produce the class of compounds with the generic structure, where the first aldehyde and the second aldehydes are selected from the group consisting of an oxazolecarboxaldeyhyde, imidazolecarboxaldehyde, a benzaldehyde, imidazolecarboxaldehyde derivatives, and benzaldehyde derivatives, thereby forming the above compound wherein R1, R1', R1", R2, R3, R4, R5, and R6, X1 and X2, Y, Z, Z1, Z2, Z3, and Z4 may each be separately defined in a manner consistent with the accompanying description. Compositions and methods for treating vascular proliferation are also disclosed.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.4721/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GROWTH FACTOR-BINDING COMPOUNDS ATTACHED TO A CALIXARENE"

(51) International classification :A61K 47/48
(31) Priority Document No :60/539,613
(32) Priority Date :27/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003108
Filing Date :27/01/2005
(87) International Publication No :WO 2005/072779
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ANDREW D HAMILTON
3)RISHI JAIN

No of Pages : 52
No of Claims : 32

(57) Abstract :
Growth factor binding compounds having a plurality of acyclic isophthalic acid groups attached to a non-peptide organic scaffold and pharmaceutical compositions of the same are disclosed. Methods of administering and using the growth factor binding compounds or the growth factor binding compositions are also taught. These novel growth factor binding compounds are useful for treating angiogenesis, excessive cellular proliferation, tumor growth, and a combination thereof as well as inhibiting growth factor binding to cells and phosphorylation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.4722/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MICRO-ELECTROMECHANICAL SUB-ASSEMBLY HAVING AN ON-CHIP TRANSFER MECHANISM"

(51) International classification :H05K 3/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/000987
Filing Date :15/01/2004
(87) International Publication No :WO 2005/079128
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SMITH PETER A.
3)FLORKEY JOHN E.
4)VOLANT RICHARD

No of Pages : 35
No of Claims : 18

(57) Abstract :
Carriers (10) holding parts (50) for assembling complex MEMS devices are transported to a central assembly location. The parts are stacked in a pre-assigned order and later released from their carriers. Alternatively, they are positioned over the appropriate location and released so as to fall into position as needed. The assembly area (100) includes a cavity below the plane of the carriers such that the parts held within the carrier drop into the cavity. Heating elements are integrated into the cavity to assist in the release of the parts. The cavity is supplied with parts by one or more carriers which are move around by any number of MEMS drive systems (200,250). The cavity and some of the MEMS assembled therein deliver with precision amounts of materials as required suitable for biomedical applications, or may be processed in-situ, as in an on-chip laboratory.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.4723/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VERTICAL FIN-FET MOS DEVICES"

(51) International classification :H01L 29/786
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/001721
Filing Date :22/01/2004
(87) International Publication No :WO 2005/079182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHIDAMBARRAO DURESTI
3)DIVKARUNI RAMACHANDRA

No of Pages : 31
No of Claims : 22

(57) Abstract :
A new class of high-density, vertical Fin-FET devices that exhibit low contact resistance is described. These vertical Fin-FET devices have vertical silicon "fins" (12A) that act as the transistor body. Doped source and drain regions (26A, 28A) are formed at the bottoms and tops, respectively, of the fins (12A). Gates (24A, 24B) are formed along sidewalls of the fins. Current flows vertically through the fins (12A) between the source and drain regions (26A, 28A) when an appropriate bias is applied to the gates (24A, 24B). An integrated process for forming pFET, nFET, multi-fin, single-fin, multi-gate and double-gate vertical Fin-FETs simultaneously is described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.4725/DELNP/2006 A
(43) Publication Date : 27/04/2007

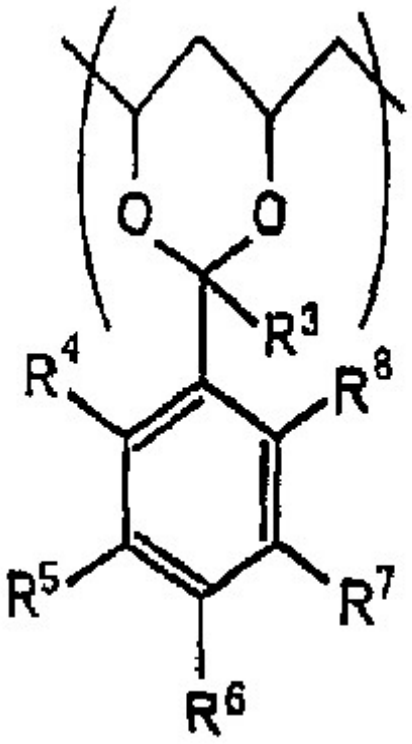
(54) Title of the invention : "RETARDATION FILM, NOVEL POLYMER, OPTICAL FILM, AND IMAGE DISPLAY DEVICE"

(51) International classification :G02B 5/30
(31) Priority Document No :2004-221204
(32) Priority Date :29/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/010260
Filing Date :03/06/2005
(87) International Publication No :WO 2006/011298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 62
No of Claims : 17

(57) Abstract :
A retardation film according to the present invention consists of a single-layer film in which a birefringcnt chain polymer is oriented, the polymer having as a repeating unit (A), a structure represented by the following general formula (V): wherein R3 represents a hydrogen atom or an alkyl group having 1 to 8 carbon atoms; R4 and R8 each independently represent a hydrogen atom, a linear or branched alkyl group having 1 to 4 carbon atoms, a linear or branched alkoxyl group having 1 to 4 carbon atoms, a linear or branched thioalkoxyl group having 1 to 4 carbon atoms, halogen, a nitro group, an ammo group, a hydroxyl group, or a thiol group (where R4 and R8 are not simultaneously hydrogen atoms); and Rfi, Re, and R7 each independently represent a hydrogen atom or a substituent. The retardation film can be relatively small in thickness and exhibits wavelength dispersion characteristics such that retardation for light having a wavelength of A lying within almost the entire visible light wavelength range is about /2 or J/4.



formula (V)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2002
(21) Application No.474/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR CARBONYLATION OF METHANOL USING NOVEL RHODIUM METAL COMPLEXES AS CATALYST

(51) International classification	:C07C 51/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 20
No of Claims : 6

(57) Abstract :
'The present invention particularly provides an improved process for carbonylation of methanol to acetic acid and / or its derivatives especially methyl acetate using rhodium(I) complexes of the type [Rh(CO)2ClL] as catalyst precursors, where L is a pyridine based nitrogen donor ligands or nitrone N-Oxide donor ligands. The carbonylation reaction was carried out under CO pressure (1-20 bar) in the temperature range 120 - 160 Â°C for a period 60 - 90 minutes,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.474/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR OPTICAL RESOLUTION OF RACEMIC 1-ARYLETHYL ACETATES

(51) International classification :A01N 63/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 7

(57) Abstract :
The present invention provides a process for the enantioselective resolution of racemic 1-arylethyl acetates with an indigenous soil microbe strain Pseudomonas fluorescens RRLJ 134 isolated from the top soil of a tea plantation of north-east India. The strain, maintained in nutrient agar slant and grown in King's B medium, was inoculated with the substrate 1-aryl acetates in succinate medium. The resolution of R/S-1-arylethyl acetate with Pseudomonas fluorescens RRLJ 134 was highly enhanced in presence of surfactant Tween-80 (0.01%) to afford S(-)-1-arylethyl acetate and R(+)-l-arylethanol in high enantiomeric excess.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2002

(21) Application No.475/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF NOVEL RHODIUM CARBONYL COMPLEXES

(51) International classification	:C07F 15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)DILIP KONWAR

No of Pages : 14
No of Claims : 10

(57) Abstract :
The present invention relates to a process for the preparation of novel rhodium carbonyl complexes. The present invention perticularly relates to a process for the preparation of novel rhodium carbonyl complexes containing pyridine and nitrone ligands.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003

(21) Application No.476/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF EGG LOAF

(51) International classification	:A23L 1/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)NARASIMHA RAO DITTAKAVI

No of Pages : 25

No of Claims : 3

(57) Abstract :
The whole liquid egg was homogenized to obtain melonge which was mixed with paste orepared from optimized quantities of spices and refined wheat flour. The raw mixture was processed under specified conditions to produce an egg loaf product of high emulsion stability and high water holding capacity. The loaf slices on shallow frying produce ready - to - eat product of high sensory quality attributes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.4766/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DATA LOADING METHOD, TRANSMITTER, AND BASE STATION

(51) International classification :H04L 27/26
(31) Priority Document No :10/780,911
(32) Priority Date :19/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2005/000103
Filing Date :17/02/2005
(87) International Publication No :WO 2005/081485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LATVA-AHO, MATTI

No of Pages : 29
No of Claims : 22

(57) Abstract :
The invention is related to a data loading method in a communication system where sub-carriers include eigenmodes, comprising, for instance: arranging eigenmodes into a predetermined number of clusters, each cluster comprising eigenmodes of different quality levels; pre-allocating transmission power to the eigenmodes with the aid of the calculated required power for achieving the approximated signal-to-noise ratio; determining collective transmission power to be allocated to each cluster based on the pre-allocation; allocating collective transmission power to the eigenmodes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.477/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ROASTED AND OLEORESIN FLAVORED NUT

(51) International classification	:A23L 1/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14
No of Claims : 21

(57) Abstract :
The present invention relates to a flavored nut formulation comprising deep fat fried/dry roasted cashew kernels/peanuts/almonds in the range of 90-98%, salt 1.5-3.0%, oleoresin 1.0-3.0% diluted with 8-12 folds of absolute ethyl alcohol and a process of preparing said flavored nut formulation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.478/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ANGIOTENSIS CONVERTING ENZYME (ACE) INHIBITORS

(51) International classification	:A61K 31/25
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 15
No of Claims : 12

(57) Abstract :
A process for preparing Angiotensin Converting Enzyme (ACE) inhibitors from glycinm of soy flour and its use as ACE inhibitors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2005

(21) Application No.480/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SESSION KEY MANAGEMENT FOR PUBLIC WIRELESS LAN SUPPORTING MULTIPLE VIRTUAL OPERATORS

(51) International classification :H04M 3/16
(31) Priority Document No :60/403, 495
(32) Priority Date :14/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/025254
Filing Date :13/08/2003
(87) International Publication No :WO 2004/017617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 18

(57) Abstract :
A method and apparatus for managing a session key for allowing a mobile terminal to access a wireless local area network (WLAN). The invention provides for establishing a first secure channel between an access point and a virtual operator, and suggesting a session key to the virtual operator from the access point. A second secure channel is established between the virtual operator and a user, and the session key is sent to the user via the second secure channel upon successful user authentication. The mobile terminal accesses the WLAN using the session key.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2007
(21) Application No.481/DELNP/2007 A
(43) Publication Date : 27/04/2007

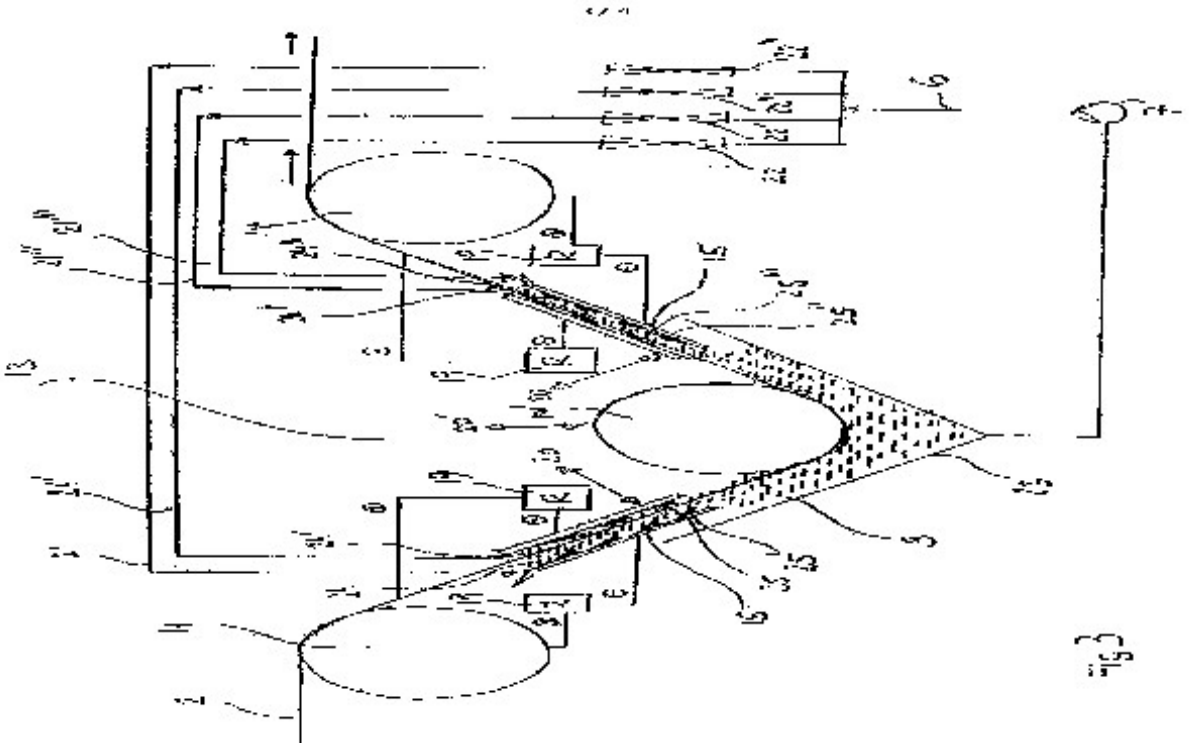
(54) Title of the invention : "METHOD AND DEVICE FOR PICKLING METALS"

(51) International classification :C25F 1/06
(31) Priority Document No :A 1218/2004
(32) Priority Date :19/07/2004
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2005/007480
Filing Date :11/07/2005
(87) International Publication No :WO 2006/008017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 24

(57) Abstract :
A method and a device (13) are disclosed for the electrolytic pickling of flat metal products (2), in particular special steel and/or carbon steel strips. At least one diamond electrode and/or at least one lead/tin electrode, for example a lead 93/tin7 electrode (15) is used. The special characteristic of the diamond electrodes and/or lead/tin electrodes is the form of water replacement. Whereas in electrolysis water is usually split into hydrogen and oxygen, the diamond electrode and/or lead tin electrode provides a working range in which ozone or highly reactive hydroxyl radicals are formed instead of oxygen. As a result the pickling times are significantly reduced in comparison to the conventional chemical descaling, and also in comparison to the conventional electrolytic pickling.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2005

(21) Application No.4823/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ADDRESS OFFSET GENERATION WITHIN A DATA PROCESSING SYSTEMâ€□

(51) International classification	:G06F 9/32
(31) Priority Document No	:0313510.0
(32) Priority Date	:11/06/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2003/005680
Filing Date	:30/12/2003
(87) International Publication No	:WO 2004/111837
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 17
No of Claims : 33

(57) Abstract :
A data processing system (2) is provided supporting address offset generating instructions which encode bits of an address offset value using previously redundant bits in a legacy instruction encoding whilst maintaining backwards compatibility with that legacy encoding.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2002
(21) Application No.483/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PREPARING ETHYLENE POLYMER COMPOSITION,PARTICLES OF ETHYLENE POLYMER COMPOSITION,AND FILM OBTAINED FROM THE PARTICLES OF ETHYLENE POLYMER COMPOSITION"

(51) International classification :C03K 5/20
(31) Priority Document No :2001-124732
(32) Priority Date :23/04/2001
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 82
No of Claims : 6

(57) Abstract :
A process for preparing an ethylene polymer composition comprises a step (I) to prepare an ethylene (co)polymer (i) having [ŋ] of at least 1.5 times the intrinsic viscosity of a (co)polymer (ii) and a step (II) to prepare an ethylene (co) polymer (ii) having [ŋ] of 0.3 to 3 dl/g, said steps (I) and (II) using a catalyst containing a component obtained by contacting a liquid Mg compound with a liquid Ti compound in the presence of an! organosilicon compound, wherein the step (II) is carried; out in the presence of the polymer (i) or the step (I) is carried out in the presence of the polymer (ii), to prepare an ethylene polymer composition having [ŋ] of 1 to 6 dl/g and a density of not less than 0.94 g/cm3. According to the invention, an ethylene polymer composition (particles) having excellent particle morphology, scarcely suffering sintering and having excellent moldability, a process for efficiently preparing the particles of ethylene polymer composition, and a film having small gauge-variation and excellent tear strength can be provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003

(21) Application No.485/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF STORED FOOD GRAINS HAVING ENHANCED SHELF-LIFE

(51) International classification	:A23B 9/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SOMIAHNADAR RAJENDRAN
2)NAGAMUTHU GUNASEKARAN

No of Pages : 20
No of Claims : 2

(57) Abstract :
The present invention relates to a process for preparation of stored food grains having enhanced shelf-life.The main usage/utility of the process is control of insect pests such as Sitophilus oryzae (rice weevilj, Rhyzopertha dominica (lesser grain borer), Cryptolestes sp. (grain beetle) and Tribolium castaneum (rust-red flour beetle) in stored food grains like wheaV

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003

(21) Application No.487/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF FRUCTOOLIGOSACCHARIDES (FOS) JAGGERY

(51) International classification	:A21D 2/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MYSORE NAGARAJARAO RAMESH
3)SIDDALINGAIYA GURUDUTT PRAPULLA

No of Pages : 11
No of Claims : 5

(57) Abstract :
The present invention relates to a process for the preparation of fructooligosaccharides (FOS) using jaggery. The process in particular uses the extracellular fructosyl transferase (FTase) from Aspergillus oryzae CFR 202.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.4881/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DROPLET DEPOSITION APPARATUS"

(51) International classification :B41J 2/14
(31) Priority Document No :0404231.3
(32) Priority Date :26/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000739
Filing Date :28/02/2005
(87) International Publication No :WO 2005/082629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CORRALL, JOHN

No of Pages : 24
No of Claims : 18

(57) Abstract :
InkJet apparatus has two piezoelectric actuators [106, 108] arranged back-to-back on parallel thermal management surfaces [50a, 50b] of a water-cooled chassis [100]. The chassis is formed by the bringing together of two concave plastic moulded parts [102, 104], having high thermal conductivity. A common nozzle [112] plate attached to the two actuators helps to ensure accurate nozzle alignment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.4882/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHOSPONATE NUCLEOSIDES USEFUL AS ACTIVE INGREDIENTS IN PHARMACEUTICAL COMPOSTIONS FOR THE TREATMENT OF VIRAL INFECTIONS, AND INTERMEDIATES FOR THEIR PRODUCTION "

(51) International classification :C07H 19/00
(31) Priority Document No :0404891.4
(32) Priority Date :04/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/BE2005/000032
Filing Date :04/03/2005
(87) International Publication No :WO 2005/085268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PANNECOUQUE, CHRISTOPHE
3)WU, TONGFEI
4)DE CLERCQ, ERIK

No of Pages : 135
No of Claims : 13

(57) Abstract :
The present invention relates to novel phosponate nucleosides, more specifically to novel phosponalkoxy substituted nucleosides. The invention further relates to compounds having HIV (Human Immunodeficiency Virus) replication inhibiting properties and to compounds having antiviral activities with respect to other viruses. The invention also relates to methods for preparation of all such compounds and pharmaceutical compositions comprising them. The invention further relates to the use of said compounds as a medicine and in the manufacture of a medicament useful for the treatment of subjects suffering from HIV infection, as well as for treatment of other viral, retroviral or lentiviral infections and to the treatment of animals suffering from FIV, viral, retroviral or lentiviral infections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.4883/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF PRODUCING INSULATED TEXTILE FABRIC"

(51) International classification :D06M 15/693
(31) Priority Document No :PI 20040667
(32) Priority Date :27/02/2004
(33) Name of priority country :Malaysia
(86) International Application No :PCT/SG2005/000055
Filing Date :25/02/2005
(87) International Publication No :WO 2005/083172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SEKHAR BALACHANDRA CHAKKINGAL

No of Pages : 7
No of Claims : 9

(57) Abstract :
This invention relates to Sulphur vulcanizable elastomer latex insulated textile fabrics and method of making the same. Sulphur vulcanizable elastomer in latex form is used as the insulating material and it either sprayed onto the textile fabric or the textile fabric is uniformly dipped in the latex. The textile fabric incorporated with the vulcanizable elastomeric latex by spraying or dipping is then subject to drying and the insulation of the textile fabrics is achieved. The insulated textile fabric may be subsequently encased in a suitable fabric to avoid direct skin contact and may be made into apparels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.4884/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DATA PROCESSING METHOD, EQUALIZER AND RECEIVER"

(51) International classification :H04L 25/03
(31) Priority Document No :20040182
(32) Priority Date :06/02/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000076
Filing Date :04/02/2005
(87) International Publication No :WO 2005/076556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MATSUMOTO TADASHI

No of Pages : 28
No of Claims : 22

(57) Abstract :
The invention is related to an equalizer comprising, for instance: means f creating a first covariance matrix and defining a Cholesky decomposition matrix an inverse matrix of the first covariance matrix, means for removing selectd covariance components from the Cholesky decomposition matrix, means f computing the inverse of a sub-matrix, which represents the common part of tl first covariance matrix and a second covariance matrix, which includes covarian estimates of a second observation time, by using the aid of the Choles decomposition of the inverse matrix of the first covariance matrix, means f estimating interference from a received signal at a second observation time at determining additional covariance components on the basis of the estimation ai means for creating the Cholesky decomposition of the inverse matrix of tl second covariance matrix by using unitary rotations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.4885/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ANOMALY MANAGEMENT SCHEME FOR A MULTI-AGENT SYSTEM

(51) International classification :G06F 11/07
(31) Priority Document No :0406401.0
(32) Priority Date :22/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000960
Filing Date :11/03/2005
(87) International Publication No :WO 2005/093574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIHAILESCU, PATRIK
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No of Pages : 56
No of Claims : 36

(57) Abstract :
An anomaly management method is provided for a multi-agent system (MAS) in which a plurality of application agents are arranged to be capable of interacting with each other over a communications network. The MAS has a plurality of anomaly management agents arranged to receive reports from a referring agent regarding a referred agent when a referring agent has determined an interaction anomaly has occurred which was potentially caused by one or more conditions associated with a referred agent. The anomaly management agent is arranged to determine one or more conditions associated with the referred agent which have caused the interaction anomaly. The anomaly management agent is also arranged to remedy the condition. The method comprises at least one of said plurality of anomaly management agents receiving a message containing information related to the interaction with the referred agent from the referring agent. The message comprises information identifying the referred agent and other information related to the interaction anomaly. One or more possible conditions associated with the referred agent which may have caused the interaction anomaly are determined from the information provided by the referring agent. A plurality of tests are then performed to determine at least one condition associated with the referred agent. Finally, the ^condition associated with the referred agent is remedied. The referring agent may then be provided with feedback information to enable the interaction to be resumed 5! or to continue. O

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.4887/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL BACILLUS THURINGIENSIS CRYSTAL POLYPEPTIDES, POLYNUCLEOTIDES, AND COMPOSITIONS THEREOF"

(51) International classification :A01H 5/00
(31) Priority Document No :60/547,664
(32) Priority Date :25/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006238
Filing Date :25/02/2005
(87) International Publication No :WO 2005/082077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EMIG ROBIN
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No of Pages : 68
No of Claims : 28

(57) Abstract :
The present invention provides insecticidal polypeptides related to Har.illusC.ry2 polypeptides. Nucleic acids enÂcoding the poly peptides of the invention are also provided. Methods for using the polypetides and nucleic acids of the invention to enhance resistance of plants to insect predation are encompassed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.4888/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR PROCESSING WEB SERVICE DESCRIPTIONS"

(51) International classification	:G06F 17/30
(31) Priority Document No	:04251098.2
(32) Priority Date	:26/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2005/050026
Filing Date	:25/02/2005
(87) International Publication No	:WO 2005/083590
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)YACH DAVID PAUL

No of Pages : 40
No of Claims : 19

(57) Abstract :
An apparatus and method for processing a web service de-scription such that the web service description is adapted for use with mobile devices. A web services accelerator is adapted to receive a web service description that defines an interface to a web service, create at least one accelerator output file from the web service description, and transmit the at least one accelerator output file to a mobile device. Accelerator output files are used by the mobile device to invoke web services.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003

(21) Application No.489/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR HIGH PROTEIN NUTRITIOUS BAKED SNACK FOOD

(51) International classification	:A23L 1/305
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)PUNAROOR HARIDASRAO
5)THEKKAR RATNAKAR PRABHU
6)VISHWESHWARAIAH PRAKASH

No of Pages : 41
No of Claims : 20

(57) Abstract :
The present invention relates to a process for the preparation of a high protein nutritious baked snack food. Inadequate intake of nutritionally balanced foods due to various socio-economic reasons make individuals especially children vulnerable to various infectious diseases which often results in morbidity and mortality

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.4890/DELNP/2006 A
(43) Publication Date : 27/04/2007

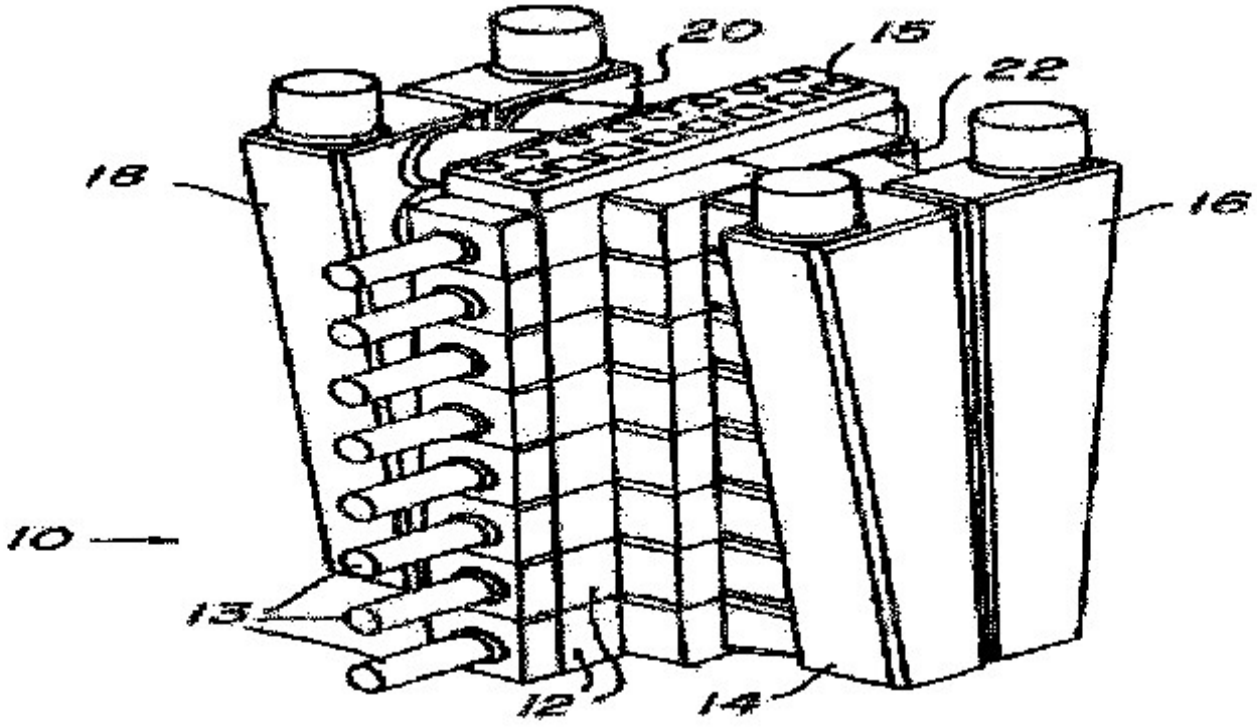
(54) Title of the invention : VARIABLE AREA OR MASS OR AREA AND MASS SPECIES TRANSFER DEVICE AND METHOD

(51) International classification :F28D 19/04
(31) Priority Document No :60/546,583
(32) Priority Date :19/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000865
Filing Date :10/01/2005
(87) International Publication No :WO 2005/083344
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KALLMEYER, JOERN, KARSTEN

No of Pages : 31
No of Claims : 42

(57) Abstract :
Disclosed herein is a-variable-area or mass or area and mass ratio species transfer device, one embodiment with a plurality of species transfer masses. At least one actuator is disposed in communication with the species transfer masses, capable of selectively moving one or more of the masses independently of other one or more of the masses into at least contact with a first fluid stream and into contact with a second fluid stream. Yet further disclosed herein is a method for controlling species transfer in a species transfer device. The method includes: selecting an appropriate mass/area ratio between a portion of a variable area or mass or area and mass ratio species transfer device exposed to a higher-temperature fluid and a portion of the species transfer device exposed to a lower-temperature fluid; exposing one selected portion of the species transfer device to the higher-temperature fluid; and exposing another selected portion of the species transfer device to the lower-temperature fluid.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.4891/DELNP/2006 A
(43) Publication Date : 27/04/2007

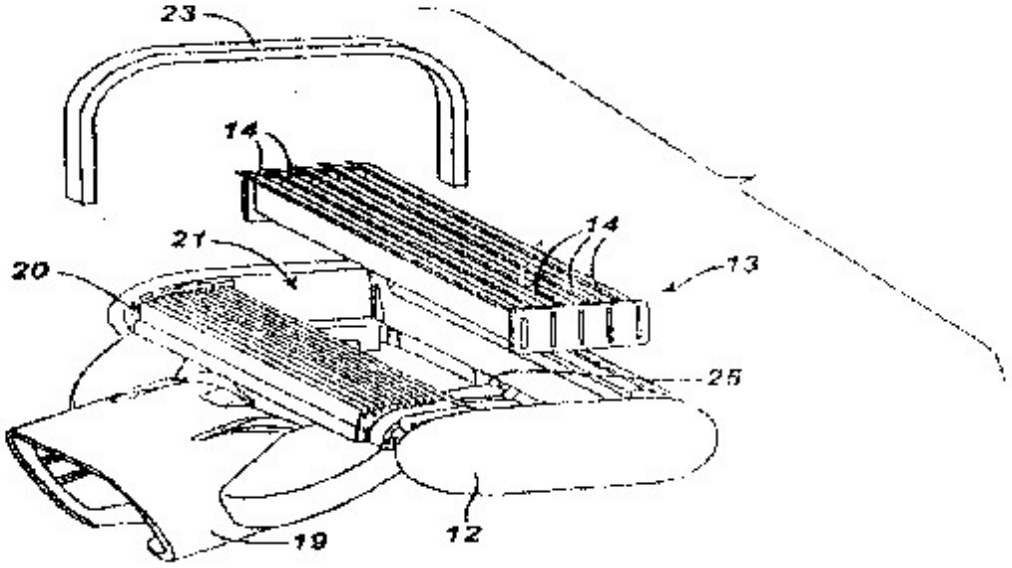
(54) Title of the invention : SHAVING RAZORS, AND BLADE SUBASSEMBLIES THEREFOR AND METHODS OF MANUFACTURE

(51) International classification	:B26B 21/22
(31) Priority Document No	:10/774,780
(32) Priority Date	:09/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003841
Filing Date	:08/02/2005
(87) International Publication No	:WO 2005/077615
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 28

(57) Abstract :
A subassembly (13) for a shaving razor (10) including a plurality of elongated metal blades (14). The blades having cutting edges (28) defining a shaving surface and are secured at their longitudinal ends (38) to first and second plastic blocks (24) to provide an integral unit.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.4892/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "THIENOPYROLES AS ANTAGONISTS OF GNRH'

(51) International classification :C07D 519/00
(31) Priority Document No :04290466.4
(32) Priority Date :20/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB2005/000568
Filing Date :17/02/2005
(87) International Publication No :WO 2005/080402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JONES, PAUL

No of Pages : 97
No of Claims : 17

(57) Abstract :
The invention relates to a group of novel thieno-pyrrole compounds of Formula (I) wherein: R1, R2, R3, R4 and R5 are as defined in the specification, which are useful as gonadotrophin releasing hormone antagonists. The invention also relates to pharmaceutical formulations of said compounds, methods of treatment using said compounds and to processes for the preparation of said compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.4893/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ENDOSCOPE ASSEMBLY"

(51) International classification :A61B 1/00
(31) Priority Document No :60/542,680
(32) Priority Date :09/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000152
Filing Date :07/02/2005
(87) International Publication No :WO 2005/074377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 86
No of Claims : 38

(57) Abstract :
A locomotive endoscope assembly including a locomotive endoscope head, including a main portion extending along a longitudinal axis and having a first selectably inflatable balloon associated therewith and a selectably positionable portion, selectably axially positionable along the main portion and having a second selectably inflatable balloon associated therewith and a locomotive endoscope head controller controlling the operation of the locomotive endoscope head and being operative for controlÂling positioning of the selectably positionable portion relative to the main portion and selectable inflation of the first and second selectably inflatable balloons.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.4894/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ABNORMAL SITUATION PREVENTION IN A PROCESS PLANT"

(51) International classification :G05B 23/02
(31) Priority Document No :60/549,796
(32) Priority Date :03/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/006155
Filing Date :25/02/2005
(87) International Publication No :WO 2005/093534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 112
No of Claims : 41

(57) Abstract :
A system detects abnormal conditions associated with a process plant. The system receives signal processing data generated by signal processing data collection blocks implemented by a plurality of devices. The signal processing data collection blocks may generate data such as statistical data, frequency analysis data, auto regression data, wavelets data, etc. The system includes an analysis engine configured to detect at least one abnormal condition associated with the process plant. The signal processing data is provided to the analysis engine, and the analysis engine determines if an action should be taken.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2003
(21) Application No.490/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED CULTURE MEDIA FOR REGENERATION OF PLANTS FROM SEEDLING EXPLANTS OF CAPSICUM ANNUUM L.

(51) International classification	:C12N 5/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 13
No of Claims : 2

(57) Abstract :
The invention is aimed at development of an improved culture media for regeneration of shoots from seedling explants subsequent in vitro rooting to obtain the complete plantlets. This regeneration method can be used for genetic transformation, propagation or to produce variants of pepper, e.g. somaclonal variants, with a new characteristic

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/10/2005
(21) Application No.4912/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TOOTHBRUSH ASSEMBLY."

(51) International classification :A46B 5/00
(31) Priority Document No :10/442,905
(32) Priority Date :21/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/015474
Filing Date :18/05/2004
(87) International Publication No :WO 2004/105547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)PAK NANCY WON MEE

No of Pages : 20
No of Claims : 46

(57) Abstract :
A Childs toothbrush includes a handle in the form of a child-safe, ven-tilated toy, such as a rocket or a vehicle, and contains a removable child-safe vehicle, figurine, other toy or sundry product therein, and wherein a tootbrush head may be detachable from the handle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2003
(21) Application No.499/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CARE AGENTS "

(51) International classification :A61K 7/50
(31) Priority Document No :100 44 382.6
(32) Priority Date :08/09/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/EP01/01/09839
Filing Date :27/08/2001
(87) International Publication No :WO 02/19983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NORBERT TRAGE

No of Pages : 19
No of Claims : 25

(57) Abstract :
The invention relates to cleansing/conditioning agents based on matrix particles, containing a perfume component and washing-active surfactant components. Said agents can be used in personal cleansing products and domestic detergents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5006/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR SPACE-BASED REUSE OF TERRESTRIAL CELLULAR FREQUENCY SPECTRUM "

(51) International classification :H04B 7/185
(31) Priority Document No :60/573,253
(32) Priority Date :21/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017253
Filing Date :18/05/2005
(87) International Publication No :WO 2005/117292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PETER D. KARABINIS

No of Pages : 18
No of Claims : 20

(57) Abstract :
A space-based component, such as a satellite, is configured to use a terrestrial cellular/PCS frequency for communication with a wireless terminal, with a terrestrial base station and/or with a terrestrial gateway. Terrestrial cellular/PCS frequencies also may be used for terrestrial communications by terrestrial base stations and/or radioterminals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5007/DELNP/2006 A
(43) Publication Date : 27/04/2007

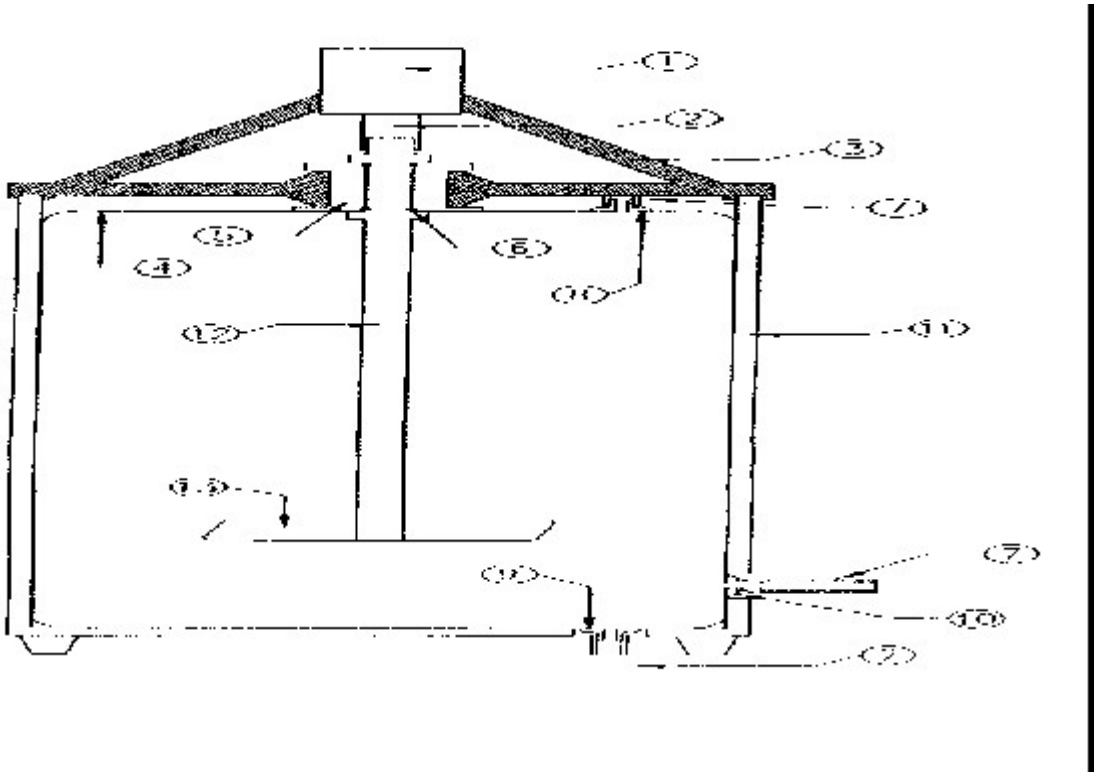
(54) Title of the invention : "STIRRED-TANK REACTOR SYSTEM"

(51) International classification :C12M 1/12
(31) Priority Document No :60/565,908
(32) Priority Date :27/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005705
Filing Date :22/02/2005
(87) International Publication No :WO 2005/108546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT OAKLEY

No of Pages : 22
No of Claims : 42

(57) Abstract :
The present invention relates to a stirred-tank reactor system (4) and methods of preparing such systems. The present invention further encompasses the use of the stirred-tank reactor system as a disposable hioreactor and in kits with disposable elements.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5008/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTI-CD3 AND ANTIGEN-SPECIFIC IMMUNOTHERAPY TO TREAT AUTOIMMUNITY"

(51) International classification :A61K 39/00
(31) Priority Document No :60/541,959
(32) Priority Date :04/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003712
Filing Date :04/02/2005
(87) International Publication No :WO 2005/076965
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATHIAS VON HERRATH
3)JEFFREY A. BLUESTONE

No of Pages : 68
No of Claims : 38

(57) Abstract :
[0189] The invention provides methods for treating autoimmunity and for reestablishing tolerance. The methods involve the coadministration of anti-CD3 antibodies and self-antigens. The coadministration has the potential to provide a synergistic effect of protecting or reducing autoaggressive immune processes and/or of reestablishing tolerance towards self-antigens. An underlying rationale behind the methods is that the administration of self-antigens together with anti-CD3 antibodies can alter the response to those self-antigens and prevent progression of autoimmunity. By rechallenging with the autoantigens and stimulating the non-pathogenic response, the blockade of the autoimmune process can be maintained. Preclinical evidence provided herein shows that the combination of anti-CD3 and autoantigen is synergistic in reversing autoimmune diabetes, and therefore, suggests that combination therapy of anti-CD3 and self-antigen may provide synergistic protection in reversing other autoimmune disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5009/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS AND SYSTEMS FOR REDUCING MAC LAYER HANDOFF LATENCY IN WIRELESS NETWORKS"

(51) International classification :H04Q 7/20
(31) Priority Document No :60/549,782
(32) Priority Date :03/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006939
Filing Date :03/03/2005
(87) International Publication No :WO 2005/086503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SANGHO SHIN
4)RAWAT ANSHUMAN SINGH

No of Pages : 38
No of Claims : 23

(57) Abstract :
[0095] In accordance with the present invention, computer implemented methods and systems are provided for reducing handoff latency in a wireless network. In response to detecting that a handoff is necessary, the present invention uses a selective scanning algorithm that includes the use of a channel mask and/or a caching algorithm for detecting one or more new access points.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5010/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PREPARATION OF COMPOUNDS HAVING THE CHF2 OR CHF GROUP"

(51) International classification :C07C 67/317
(31) Priority Document No :04005507.1
(32) Priority Date :08/03/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/001123
Filing Date :04/02/2005
(87) International Publication No :WO 2005/085173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 9
No of Claims : 11

(57) Abstract :
Compounds having a CHF2C(O) or CHFC(O) group can be prepared from the corresponding compounds having a CC1F2C(O) or CCIFC(O) group or the corresponding bromine or iodine compound and zinc in the presence of an alcohol as a proton source. Preference is given to preparing monoesters having one CHF2C(O) group or diesters having two CHFC(O) groups or (O)CCHFC(O) groups in this way.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5011/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MIXING DRUM"

(51) International classification :B28C 5/08
(31) Priority Document No :60/550,190
(32) Priority Date :04/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/021061
Filing Date :29/06/2004
(87) International Publication No :WO 2005/095073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)COMPOSITE TECHNOLOGY R & D PTY LIMITED
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6)WILLIAM RODGERS
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3)WILLIAM D. TIPPINS

No of Pages : 36
No of Claims : 58

(57) Abstract :
A heavy duty rotary concrete mixing drum capable of attachment to a vehicle. The drum comprises a first end which engages a vehicle powered drive assembly which rotates the drum for mixing of said concrete and a second end from which mixed concrete is discharged. The drum is manufactured from at least one layer of plastics material; wherein the drum includes a wall having integral internal formations which promote mixing and discharge of said concrete and an inner surface which promotes mixing of the concrete.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5012/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "STIRRED-TANK REACTOR SYSTEM"

(51) International classification :C12M 1/12
(31) Priority Document No :60/565,908
(32) Priority Date :27/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013920
Filing Date :22/04/2005
(87) International Publication No :WO 2005/104706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 81
No of Claims : 26

(57) Abstract :
The present invention relates to a stined-tank reactor system and methods of preparing such syslems. The present invention further encompasses the use of the stirred-tank reactor system as a disposable bioreactor and in kits with disposable elements.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5013/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL AMINATION PROCESS"

(51) International classification :C07D 241/02
(31) Priority Document No :0400759-7
(32) Priority Date :23/03/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000416
Filing Date :23/03/2005
(87) International Publication No :WO 2005/090318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALISON NORTON
3)ANNE O'KEARNEY-MCMULLAN
4)GRAHAM ROBINSON

No of Pages : 33
No of Claims : 39

(57) Abstract :
Provided herein are novel processes for the preparation of intermediates that may be useful in the preparation of 5-Ht16 receptor antagonist useful in the treatment of depression, anxiety and other related diseases. The present processes may offer improved yields, purity, case of preparation and isolation of intermediates and final product and more industrially useful reaction conditions and workability.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5014/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LINED VESSELS FOR CONVEYING CHEMICALS"

(51) International classification :B32B 1/08
(31) Priority Document No :60/559915
(32) Priority Date :06/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011706
Filing Date :05/04/2005
(87) International Publication No :WO 2005/100843 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PIDATALA K. MOHAN

No of Pages : 38
No of Claims : 28

(57) Abstract :
The present invention relates to a vessel, in particular a pipe, especially an oil pipe, having a preformed film adhered onto the interior surface of the pipe, the interior surface of the preformed film reducing the deposition of at leasl one of asphaltenes, paraffin wax, and inorganic scale by at least 40% as compared to the interior surface of said oil pipe without said preformed film being present. In a preferred embodiment, the preformed film is adhered to the interior surface of the pipe with a primer layer with an opțional barrier layer between the primer layer and the preformed film.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.5015/DELNP/2006 A
(43) Publication Date : 27/04/2007

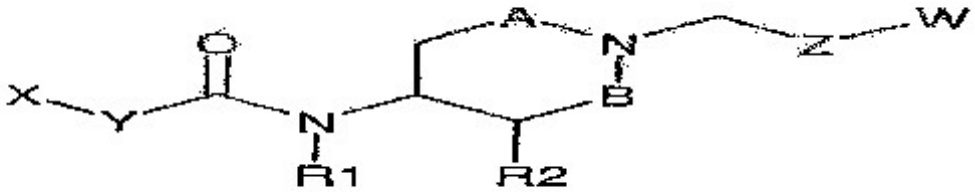
(54) Title of the invention : "N PIPERIINE DERIVATES AS CCR3 MODULATORS"

(51) International classification	:A61K 31/445
(31) Priority Document No	:0400718-3
(32) Priority Date	:22/03/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000411
Filing Date	:21/03/2005
(87) International Publication No	:WO 2005/090330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 103
No of Claims : 35

(57) Abstract :
Compounds of formula I, processes for preparing such compounds, their use in the treatment of obesity, psychiatric disorders, cognitive disorders, memory disorders, schizophrenia, epilepsy, and related conditions, and neurological disorders such as dementia, multiple sclerosis, Parkinson's disease, Huntington's chorea and Alzheimer's disease and pain related disorders and to pharmaceutical compositions containing them.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5016/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ENCAPSULATION OF OILS BY COACERVATION"

(51) International classification :B01J 13/10
(31) Priority Document No :60/564,039
(32) Priority Date :21/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013866
Filing Date :20/04/2005
(87) International Publication No :WO 2005/105290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 17

(57) Abstract :
The present invention describes the encapsulation of water insoluble oils by coacervation and the subscqueni reduction in oxidative degradation of these oils in microcncapsulated forms. Water insoluble oils useful in the process of the invention include food oils such as PUFA, flavor oils, and agriculturally and pharmaceutically active oils.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.5021/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "THERAPEUTIC AGENT FOR AURIS INTERNA DISORDER CONTAINING IL-6 ANTAGONIST AS ACTIVE INGREDIENT"

(51) International classification :A61K 45/00
(31) Priority Document No :2004-087270
(32) Priority Date :24/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/006202
Filing Date :24/03/2005
(87) International Publication No :WO 2005/089802 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)OKANO, HIDEYUKI
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No of Pages : 58
No of Claims : 45

(57) Abstract :
A therapeutic and/or preventive agent for inner ear disorders comprising an IL-6 antagonist, preferably an anti-IL-6R antibody, as an active ingredient.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2003
(21) Application No.516/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR SYNTHESIS OF SOLD PHASE EXTRACTANT MATERIALS BY POLYMER IMPRINTING SUITABLE FOR UPTAKE OF URANYL IONS AND A PROCESS THEREOF

(51) International classification	:C08F 220/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 16

(57) Abstract :
This invention relates to the "Synthesis of solid phase extract ant materials by polymer imprinting suitable for uptake of uranyl ions and a process thereof. It is generally used to prepare imprinted polymer materials for enrichment of uranyl ion from aqueous and synthetic sea water solutions obtained by template directed synthesis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2006
(21) Application No.5188/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FEEDING OF A PRESSURISED DEVICE WITH VARIABLE GRAIN SIZING SOLID"

(51) International classification :B65G 33/20
(31) Priority Document No :04 50517
(32) Priority Date :15/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050163
Filing Date :14/03/2005
(87) International Publication No :WO 2005/092749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ROSTAING,MAURICE
4)KOCH, THOMAS

No of Pages : 26
No of Claims : 15

(57) Abstract :
A device (1) for conveying inhomogenous solid matter, particularly biomass, includes an endless screw (2). According to the invention, the endless screw (2) is located in a sleeve (10) fitted with a counter screw (12). The presence of this component (12) allows better transportation, and the possible creation of a plug (30) of compressed material at predetermined points on the screw (2), which isolates the device from the outside. It is possible to couple this device with at least one other endless screw (28), which can be put under a pressure greater than the device (1). The screw erodes the plug (30) and transports the matter so obtained, for example to a pressurized reactor. By means of this system, the pressure difference between for example the raw material storage tank (22) and a reactor (26) does not lead to excessive cost in terms of pressurizing gas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003

(21) Application No.532/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF LOW-FAT-LOW-SUGAR SOFT DOUGH BISCUITS.

(51) International classification	:A23L 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)KRISHNARAU LEELAVATHI

No of Pages : 25
No of Claims : 18

(57) Abstract :
The present invention relates to a process for the preparation of low-tat-low-sugar soft dough biscuit comprising a bulking agent such as maltodextnn. a source of fiber, a hvdrocolloid. a reducing agent and emulsifiers and a process for preparing the low tat. low -sugar soft dough biscuits

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2005

(21) Application No.5333/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FOOD PACKAGING"

(51) International classification :B32B 27/32
(31) Priority Document No :0314189.2
(32) Priority Date :18/06/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/002611
Filing Date :18/06/2004
(87) International Publication No :WO 2004/113072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MULLER, FINN, ROBERT

No of Pages : 23
No of Claims : 16

(57) Abstract :
The use of polyolefin film comprising a polypropylene polymer and a polyethylene polymer for the packaging of fresh produce.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.534/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED ECONOMICAL PROCESS FOR THE ISOLATION OF HEPATOPROTECTIVE AGENT "OLEANOLIC ACID" FROM LANTANA CAMARA

(51) International classification	:A61P 1/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MERAJUDDIN KHAN
3)SUMAN PREET SINGH KHANUJA

No of Pages : 10
No of Claims : 8

(57) Abstract :
The present invention relates to an improved and economical process for the isolation of hepatoprotective agent "oleanolic acid" from Lantana camara. oleanolic acid [(3-O-ÃŸ-hydroxy-olea-12-en-28-oic acid (1)] is a triterpenoid compound, which exist widely in natural plants in the form of free acid or aglycones for triterpenoid saponins. Oleanolic acid has been isolated from more than 120 plant species.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003

(21) Application No.535/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING SUBSITITUTED COUMARINS

(51) International classification	:A61K 31/37
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VAIDYA JAYATHIRTHA RAO
3)CHANDRASEKARAN SARAVANAN
4)RAMPALLY CHANDRASHEKHER

No of Pages : 15
No of Claims : 11

(57) Abstract :
The present invention relates to a process for preparing substituted coumarins. More particularly, the present invention relates to a process for preparing substituted coumarins using polyaniline salts as catalysts.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.536/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN EMULSIFIER COMPOSITION AND A PROCESS FOR PREPARING THERE OF

(51) International classification	:A21D 13/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)DASAPPA INDRANI
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No of Pages : 24
No of Claims : 16

(57) Abstract :
The present invention relates to an emulsifier composition useful for making improved quality cakes, said emulsifier composition comprising 15.4 to 15.8 parts of Distilled giycerol monostearate (DGMS), 15.4 to 15.8 parts of Poly glycerol monostrearate (PGMS), 1.0 to 1.4 parts of Sodium stearoyi -2-lactylate (SSL), 15.4 to 15.8 parts of Polysorbate-60 (PS-60), 15.4 to 15.8 parts of Sorbitan monostearate, 0.12 to 0.16 parts of Sodium dodeceyl sulphate (SDS), 5.0 to 7.0 parts of glycerol and 0.5 to 1.5 parts of lactic acid on 100 parts of water and also a process for preparing the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2006

(21) Application No.5365/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DETECTION OF DIAMONDS

(51) International classification :B07C 5/346
(31) Priority Document No :2004/2010
(32) Priority Date :12/03/2004
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2005/000643
Filing Date :14/03/2005
(87) International Publication No :WO 2005/088283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CONNELL, SIMON HENRY

No of Pages : 20
No of Claims : 19

(57) Abstract :
The invention concerns a method and apparatus for detecting the presence of diamond in a partide and for sorting particles according to whether or not they include diamonds. In the method, the partide is irradiated (36) with photons of selected energy at which the GDR (giant dipole resonance) is excited for the nuclear reaction of the photons with carbon, and the partide is identified as potentially a diamond or diamond-containing partide according to its interaction within the incident photons. In the preferred embodiments, the partide is identified (42) as potentially a diamond or diamond-containing partide according to whether the isotope C, with a characteristic half-life of approximately twenty minutes, is produced by the photon/carbon nuclear reaction, and according to whether detectable coincident and collinear gamma ray photons at a distinctive energy level are emitted by the partide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2006
(21) Application No.5366/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT PROVIDING QUALITY OF SERVICE SUPPORT IN A WIRELESS COMMUNICATIONS SYSTEM

(51) International classification :G06F 15/16
(31) Priority Document No :60/552,466
(32) Priority Date :12/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008158
Filing Date :10/03/2005
(87) International Publication No :WO 2005/089216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHENG, HAIHONG

No of Pages : 42
No of Claims : 53

(57) Abstract :
Disclosed herein are a method, apparatus and computer program product to correlate service instance for a mobile station (MS), radio access network (RAM) and a packet data serving node (PDSN) connection by exchanging identifiers between the entities involved in the connections. Also disclosed herein is a method, apparatus and computer program product to perform a handoff of a Mobile Node (MN) from a first Packet Data Serving Node (PDSN) associated with a first Radio Network (RN) to a second PDSN, associated with a second RN. As a non-limiting example, the method includes sending a handoff request message from the first RN to the second RN, and communicating between the second RN to the second PDSN and between the second PDSN and the first PDSN to accomplish the handoff; where Quality of Service (QoS) Information associated with the MN in the first RN is sent to the second PDSN.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005

(21) Application No.5368/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "EMISSION OF SEISMIC VIBRATIONS BY A TRAIN CONSISTING OF VIBRATOR TRUCKS"

(51) International classification :G01V 1/00
(31) Priority Document No :0306493
(32) Priority Date :28/05/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/001304
Filing Date :26/05/2004
(87) International Publication No :WO 2004/109335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BALIGUET, PIERRE

No of Pages : 18
No of Claims : 13

(57) Abstract :
The invention relates to a mobile device for emitting seismic vibrations into the ground in order to collect geophysical data, said device comprising at least two mobile platforms, each provided with a vibrating pad that vibrates in such a way as to propagate seismic waves in the ground when said vibrating pad is brought into contact with the ground at a desired spot. The inventive device is characterised in that the mobile platforms are interconnected in order to form a train of platforms in which the distance between the vibrating pads of said mobile platforms is controlled.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.537/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE EXTRACTION OF (+)- PINITOL FROM SESBAMIA BISPINOSA

(51) International classification	:A61K 31/01
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 9
No of Claims : 5

(57) Abstract :
This invention relates to an improved process for the extraction of (+)-Pinitol from Seshtiniu hispino.su. The (+)-pinitol obtained by the process of the present invention has a formula 1 shown in the drawing accompanying this specification where in R= Me

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2003
(21) Application No.538/DELNP/2003 A
(43) Publication Date : 27/04/2007

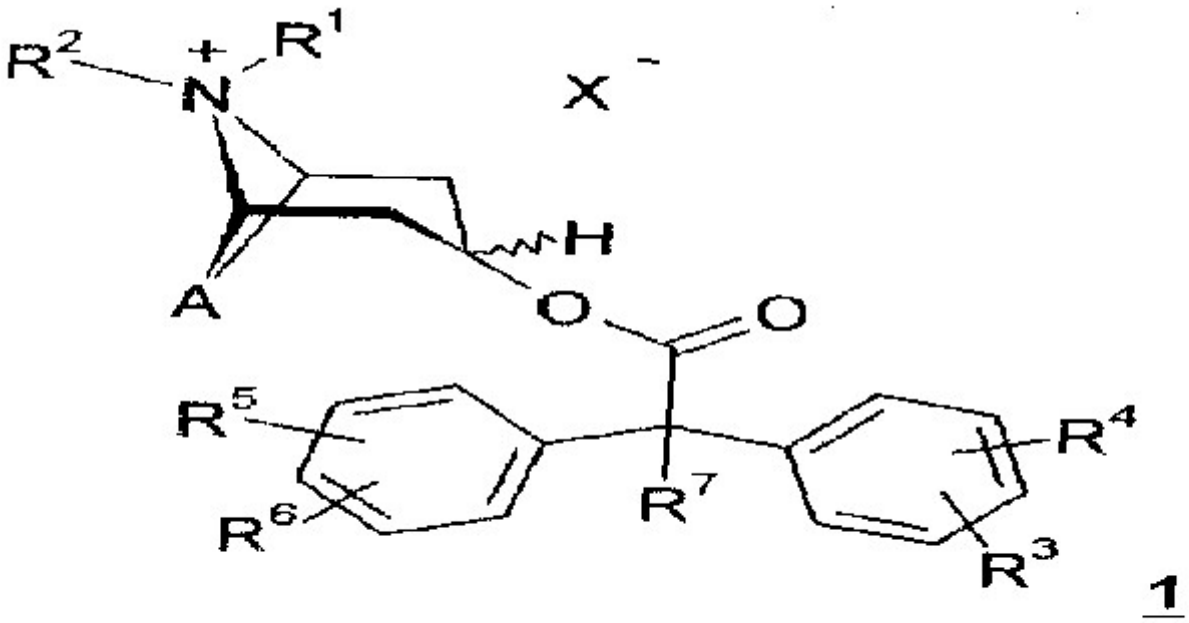
(54) Title of the invention : "NOVEL ANTICHOLINERGIC AGENTS THAT CAN BE USED AS MEDICAMENTS AND METHOD FOR THE PRODUCTION THEREOF"

(51) International classification :C07D 451/10
(31) Priority Document No :100 50 994.0
(32) Priority Date :14/10/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/EP01/11226
Filing Date :28/09/2001
(87) International Publication No :WO 02/32899
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RICHARD REICHL
6)GEORG SPECK
7)NA
8)ROLF BANHOLZER

No of Pages : 25
No of Claims : 12

(57) Abstract :
The present invention relates to new anticholinergics of general formula 1 wherein A, X - and the groups R1, R2, R3, R4, R5 ,R6 and R7 may have the meanings given in the claims and in the specification, processes for preparing them and their use as pharmaceutical compositions.



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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.539/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF TENDER COCONUT WATER CONCENTRATE

(51) International classification	:A61K 31/05
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 10
No of Claims : 3

(57) Abstract :
The present invention relates to a process for the preparation of tender coconut water concentrate. The coconut water is biologically pure, very tasty and contains salts (Na, K, Mn etc.), sugars and vitamins. It is a natural isotonic beverage, with the same level of electrolytic balance as we have in our blood.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.5398/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DISINFECTANT AND/OR BACTERICIDAL AQUEOUS COMPOSITIONS"

(51) International classification :A01N 47/44
(31) Priority Document No :2003-151207
(32) Priority Date :28/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/007436
Filing Date :25/05/2004
(87) International Publication No :WO 2004/105492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)KINUE OHGURO
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No of Pages : 48
No of Claims : 25

(57) Abstract :
The present invention provides a disinfectant and/or bactericidal aqueous composition containing an olanexidine acid addition salt, and at least one polyoxyethylene-based nonionic surfactant selected from the group consisting of polyoxyethylene higher alkyl ethers and polyoxyethylene alkylphenyl ethers; a disinfectant and/or bactericidal aqueous composition containing an olanexidine acid addition salt at a concentration of 0.05 to 0.5 W/V%, and an alcohol at a concentration of 20 to 80 W/V%, and not containing any surfactants; and a disinfectant and/or bactericidal aqueous composition containing an olanexidine acid addition salt , and at least one member selected from the group consisting of ester-based nonionic surfactants and cyclic oligosaccharides.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.540/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF POLYPHENOLS FROM FINGER MILLET

(51) International classification	:A23L 2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 10
No of Claims : 3

(57) Abstract :
This invention relates to a process for preparation of polyphenols from finger millets. Polyphenols are a class of phytochemicals produced by plants as protective agents against external attack. Cereal polyphenols are edible constituents and are largely concentrated at the pericarp or seed coat of the majority of the cereals

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.544/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING 2, 6-DIVINYLPYRIDINE AND 2-METHYL-6-VINYLPYRIDINE FROM 2, 6-LUTIDINE OVER MODIFIED ZEOLITES

(51) International classification	:C07D 213/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 12

(57) Abstract :
The present invention relates to a process for the preparation of 2,6-divinylpyridine and 2-methyl-6-vinylpyridine over modified zeolite catalysts. In particular, it relates to the method for the synthesis of 2.6-divinylpyridine and 2-methyl-6-vinylpyridine from 2,6-lutidine and formaldehyde in vapour phase in an eco-friendly method with high yield and selectivity. This invention provides a non-corrosive, eco-friendly process, where the catalyst can be reused for many times. 2,6-Divinylpyridine is useful starting material in polymer industry. 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2005
(21) Application No.5443/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WATER TREATMENT DEVICES AND CARTRIDGES THEREFOR"

(51) International classification :B01D 35/30
(31) Priority Document No :60/473,271
(32) Priority Date :23/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/016551
Filing Date :24/05/2004
(87) International Publication No :WO 2004/105916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 10

(57) Abstract :
A cartridge for treating water, the cartridge capable of releasably engaging a water treatment device. The cartridge includes a housing, an inlet for introducing untreated water into the cartridge, an outlet port for egress of treated water from the cartridge, and a treatment media for treating untreated water. The treatment media is in fluid communication with the inlet and the outlet port. The cartridge further includes a first tube having an inside surface, an outside surface, a proximal end, and a distal end, where the inside surface and/or the outside surface is a sealing surface. The cartridge further includes a second tube having an inside surface, an outside surface, a proximal end, and a distal end, where the inside surface and/or the outside surface is a sealing surface. The first tube extends from the housing and surrounds the outlet port. At least a portion of the first tube or the second tube surrounds the other such that a gap is formed between the first tube and the second tube. The gap is capable of holding a volume of water. The first tube extends outwardly from the housing and surrounds the outlet port, and the second tube extends outwardly from the housing and surrounds the first tube such that a gap is formed between the first and second tubes, the gap capable of holding from about 0.1 ml to about 6 ml of water when the cartridge is not sealingly engaged to the water treatment device, and such that the distal end of the second tube extends a greater distance than the distal end of the first tube from the housing, and such that at least one of the sealing surfaces of the second tube extends a greater distance than at least of one of the sealing surfaces of the first tube from the housing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2005

(21) Application No.547/DELNP/2005 A
(43) Publication Date : 27/04/2007

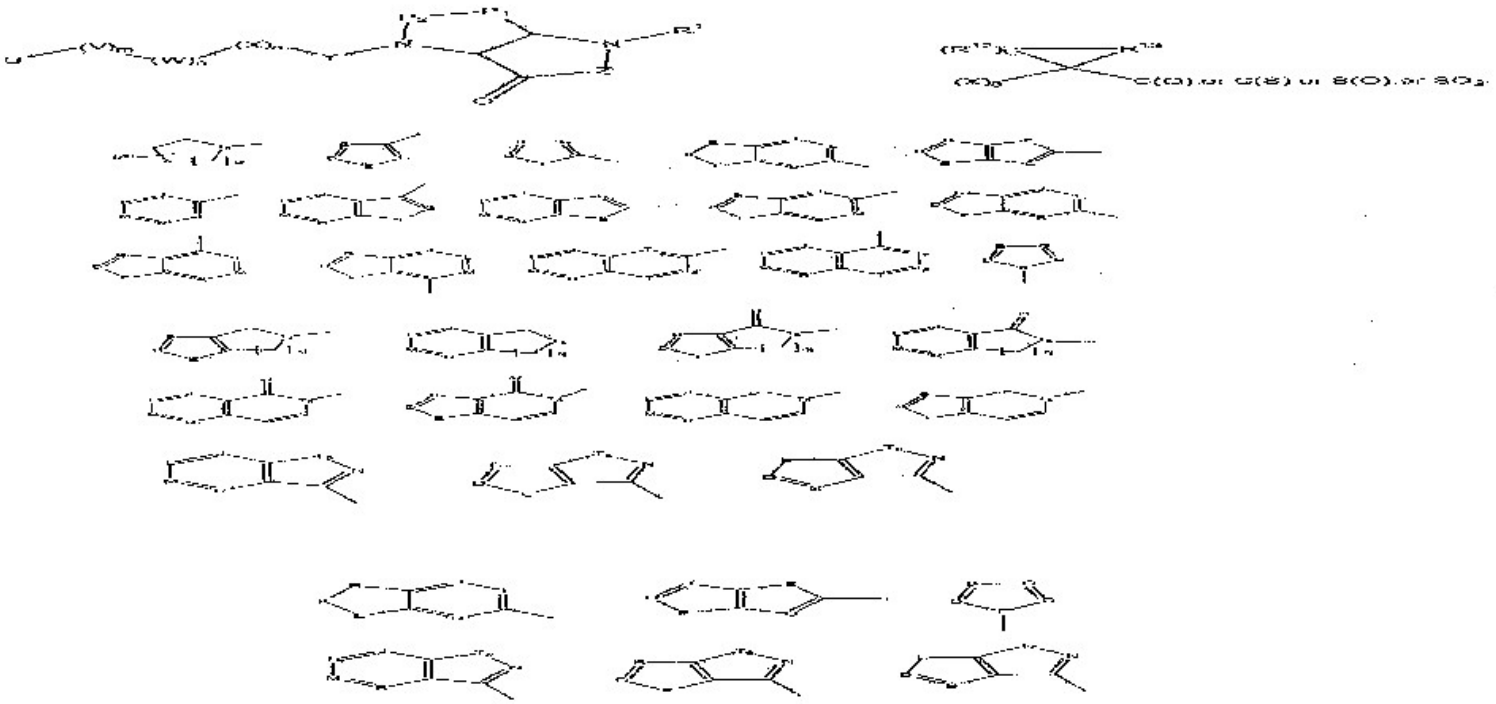
(54) Title of the invention : "BIOLOGICALLY ACTIVE COMPOUNDS"

(51) International classification :C07D 487/04
(31) Priority Document No :0216525.6
(32) Priority Date :16/07/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/002957
Filing Date :15/07/2003
(87) International Publication No :WO 2004/007501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAY PETER CHRISTOPHER
3)WATTS JOHN PAUL

No of Pages : 707
No of Claims : 59

(57) Abstract :
(Figure Remove) Wherein: Z = CR3R4, where R3 and R4 are independently chosen from Co-7-alkyl (when C = 0, R3 or R4 is simply a hydrogen atom), C3.6-cycloalkyl, Ar-Co.T-alkyl (when C = 0, R3 or R4 is simply an aromatic moiety), PI = CR5R6, where R5 and R6 are independently chosen from Co-7-alkyl, C3.6-cycloalkyl, Ar-C0.7-alkyl, O-C0-7-alkyl, O-C3.6-cycloalkyl, O-Ar-Co-7-alkyl, S-C0-7-alkyl, S-C3-6-cycloalkyl, S-Ar-Co-7-alkyl, NH-C0.7-alkyl, NH-C3-6-cycloalkyl, NH-Ar-C0.7-alkyl, N(Co.7-alkyl)2, N(C3.6-cycloalkyl)2 or N(Ar-Co-7-alkyl); P: = O, CR'R8 or NR9. Where R7 and R8 are independently chosen from Co-y-alkyl, C3-6-cycloalkyl, Ar-Co-7-alky! and R9 '^ chosen from Co-?-alkyl, Cj-e-cycloalkyl or Ar-C0-7-alkyl; Y = CR10Rn-C(O) or CR10Rn-C(S) or CR10RU-S(O) or CR10Rn-SO2 where R10 and R11 are independently chosen from Co-7-alkyl, â,¬3.6-cycloalkyl and Ar-Co-7-alkyl, or Y represents



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003
(21) Application No.548/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF HYPOGLYCEMIC FOODS AND FORMULATIONS THEREOF

(51) International classification	:A23L 1/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SYED ZAKIUDDIN ALI

No of Pages : 22
No of Claims : 30

(57) Abstract :
A process for preparation of hypoglycemic foods and formulations thereof, useful as snacks, wholesome or supplementary foods, especially to the Type II diabetics, and a hypoglycemic foods and formulations product of composition with concentration of toasted cereals is ranging between 50 - 60%, concentration of toasted legumes is ranging between 6-12%, concentration of soy is ranging between 7 - 15%, concentration of fenugreek is ranging between 2-6%, concentration of spice mix is ranging between 3 - 7%, concentration of amla fruit pulp is ranging between 0.5 -2%, concentration of Garcinia combogia rinds is ranging between 1.5 to 3%, concentration of dry skimmed milk is ranging between 3 - 6%, concentration of edible oil is ranging between 2 - 6%, and concentration of vitamin and mineral premix is ranging between 1-3%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003

(21) Application No.549/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AESTIVUM VERMICELLI WITH AN ADDITIVE PREMIX AND A PROCERS THERE OF.

(51) International classification	:A01 H 5/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PICHAN PRABHASANKAR
3)DASAPPA INDRANI
4)GANDHAM VENKATESWARA RAO

No of Pages : 20

No of Claims : 11

(57) Abstract :
The present invention provides a good quality aestivum vermicelli with an additive premix system along with a process of preparing aestivum vermicelli.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2004
(21) Application No.550/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FUNGICIDAL COMPOSITION BASED ON ARYLAMIDINE DERIVATIVES AND KNOWN FUNGICIDAL COMPOUNDS.

(51) International classification :A01N 37/52
(31) Priority Document No :01/11685
(32) Priority Date :10/09/2001
(33) Name of priority country :France
(86) International Application No :PCT/FR02/03049
Filing Date :09/09/2002
(87) International Publication No :WO 03/024219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)JEAN-PEIRRE VORS
7)MARIE-CLAIRE GROSJEAN-COURNOYER

No of Pages : 33
No of Claims : 10

(57) Abstract :
The invention concerns a fungicidal composition comprising at least a N2-phenylamidine derivative combined with at least a known fungicidal composition, and a method for protecting plants against fungal diseases using such a composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2005
(21) Application No.5512/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LOW TEMPERATURE LIQUID POLYTHIOETHER POLYMERS"

(51) International classification :C08L 81/02
(31) Priority Document No :10/456,138
(32) Priority Date :05/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/015581
Filing Date :04/06/2004
(87) International Publication No :WO 2005/000965
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)RAO, CHANDRA BHUSHAN
3)LEON, DAVID ROSENDO

No of Pages : 56
No of Claims : 84

(57) Abstract :
Polythioether polymers, curable compositions of polythioether polymers, the process of making polythioether polymers, and the use of polythioether polymers in sealants, wherein the polythioether polymers and curable compositions are liquid at a temperature of 20' C or less, are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2004
(21) Application No.552/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FUNGICIDAL COMPOSITION COMPRISING PYRIMETHANIL AND IPRODIONE"

(51) International classification :A 01 N47/38
(31) Priority Document No :01/12033
(32) Priority Date :18/09/2001
(33) Name of priority country :France
(86) International Application No :PCT/EP02/11125
Filing Date :17/09/2002
(87) International Publication No :WO 03/024228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PATRICE DUVERT
2)DODO HIDEO

No of Pages : 20
No of Claims : 10

(57) Abstract :
The present invention relates to a novel fungicidal composition comprising pyrimethanil and iprodione in a ratio ranging from 1/3 to 3, and the use of such a composition for controlling particular plant diseases or for controlling specific phytopathogenic fungi present or capable of appearing on plants.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2005
(21) Application No.5540/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITE WIRES FOR COATING SUBSTRATES AND METHODS OF USE"

(51) International classification :C23C 4/06
(31) Priority Document No :60/476,875
(32) Priority Date :06/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/016748
Filing Date :27/05/2004
(87) International Publication No :WO 2004/111290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SEITZ, MICHAEL, WALTER

No of Pages : 17
No of Claims : 47

(57) Abstract :
A composite wire for producing a wear resistant and corrosion resistant coating on a substrate by thermal spraying, spray and fuse, or welding techniques are disclosed. The physical properties of the coating are particularly suited for high-temperature erosion-corrosion environment. The resultant coating exhibits good hardness, toughness, and bonding characteristics. The composite wire comprises a metallic outer sheath and an inner core containing boron carbide and chrome carbide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2003
(21) Application No.56/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SYNERGISTIC COMPOSITION FOR THE PRODUCTION OF MAGNESIA BASED BASIC REFRACTORY CASTABLE HAVING IMPROVED CHARACTERISTICS"

(51) International classification :C043
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SWAPAN KUMAR DAS
2)RITWIK SARKAR
3)PRADIP KUMAR

No of Pages : 14
No of Claims : 9

(57) Abstract :
In the present invention a synergistic composition has been developed for the production of magnesia based basic refractory castable using sintered magnesites of various size fractions, reactive alumna fines and high temperature barium aluminate cement bond. Incorporation of reactive alumina fines and barium aluminate bond in the composition resulted in a castable material, which does not deteriorate in mechanical strength significantly with heating, compared to presently available magnesia based basic castable material. The basic castable material produced by the present invention possesses high refractoriness with improved strength retaining capacity and thus can be used for application as monolithic lining in the basic processes of steel making technology where excellent resistance against basic slag and high temperature withstanding properties are the prime requirement.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2006
(21) Application No.5637/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPROVED RAW COTTON LINTERS COMPOSITION, METHOD OF MAKING, AND USES THEREOF"

(51) International classification :C08B 1/00
(31) Priority Document No :10/822,926
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011373
Filing Date :04/04/2005
(87) International Publication No :NILL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 44
No of Claims : 96

(57) Abstract :
A composition of a loose mass of comminuted raw cotton linter fibers has a bulk density of at least 8 g/100 ml and at least 50 % of the fibers in the mass passes through a US standard sieve size #10 (2 mm opening). This composition is made by obtaining a loose mass of first cut, second cut, third cut, or mill runs raw cotton linters or mixtures thereof and comminuting the loose mass of raw cotton linters to a size wherein at least 50 % pass through a US standard sieve size #10 (2 mm opening). This composition is used to make cellulose ether derivatives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2006
(21) Application No.5638/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTEGRATION OF SAMPLE STORAGE AND SAMPLE MANAGEMENT FOR LIFE SCIENCE"

(51) International classification :B01L 3/00
(31) Priority Document No :60/560,829
(32) Priority Date :08/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012084
Filing Date :08/04/2005
(87) International Publication No :WO 2005/113147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MULLER, ROLF
3)MULLER-COHN, JUDY

No of Pages : 90
No of Claims : 60

(57) Abstract :
Compositions and methods are disclosed for automated storing, tracking, retrieving and analyzing biological samples, including dry storage at ambient temperatures of nucleic acids, proteins (including enzymes), and cells using a dry storage matrix that permits recovery of biologically active materials. RFID-tagged biological sample storage devices featuring dissolvable or dissociable matrices are described for use as supports of biological samples, which matrices can be dried and subsequently rehydrated for sample recovery. Also disclosed are computer-implemented systems and methods for managing sample data.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2004
(21) Application No.566/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW USE OF FLIBANSERIN.

(51) International classification :A 61K 31/496
(31) Priority Document No :01125020.6
(32) Priority Date :20/10/2001
(33) Name of priority country :Germany
(86) International Application No :PCT/EP02/11103
Filing Date :04/10/2002
(87) International Publication No :WO 03/035072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 6

(57) Abstract :
The invention relates to the use of flibanserin for the preparation of a medicament for the treatment of disorders of sexual desire.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2003
(21) Application No.57/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS OF MAKING ALUMINIUM OXIDE COATED ALUMINIUM"

(51) International classification	:C10G 015/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 17
No of Claims : 6

(57) Abstract :
The present invention describes a process of making aluminium oxide coated aluminium. The novelty of this process lies in the fact that coating thickness can be easily tailored by minor adjustments of the processing parameters. In addition to this, the method is advantageous in terms of simplicity, cost-effectiveness and varied coating microstructure. Various potential applications of the present invention include aerospace, automotive, marine, electrical and construction industries wherein corrosion, oxidation, electrical or thermal resistance of the aluminium components may be improved by using aluminium oxide coating.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2005
(21) Application No.5703/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : â€œCONTAINER-CLOSURE ARRANGEMENTâ€□

(51) International classification :B65D 43/10
(31) Priority Document No :2003902721
(32) Priority Date :30/05/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/000718
Filing Date :28/05/2004
(87) International Publication No :WO 2004/106185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 13
No of Claims : 11

(57) Abstract :
A container-closure arrangement comprises a container (10) having a base (13) and peripheral wall (15). A rim (16) forms an upper margin of the wall surrounding the container opening. An external bead (17) is formed integrally with the rim, and an internal bead (20) is formed integrally with the rim projecting inwardly of the container. The closure (11) has a closure portion that includes a central region (14), and is adapted to overlie the opening of the container opening. A skirt (30) is formed integrally with the closure portion and surrounds the rim when the closure is mounted to the container. The skirt comprises a first portion (32) to surround the rim, and a second portion (34) comprising a band frangibly connected to and extending downwardly from the first portion to surround the rim. The second portion has a first ledge(40) located within and formed integrally therewith, the first ledge being located in interlocking engagement with the external bead (17). A second ledge (42,42) is formed integrally with the closure portion and located in interlocking engagement with the internal bead (20). The second portion can be detached from the first portion to enbale its removal from the closure and from its interlocking engagement with the container external bead. The container may also comprise an integral container flange (24) extending out from the container wall below the rim. An extra sealing projection and recess may be included. The central region may include a stacking skirt supported on an internal step.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2005

(21) Application No.5717/DELNP/2005 A
(43) Publication Date : 27/04/2007

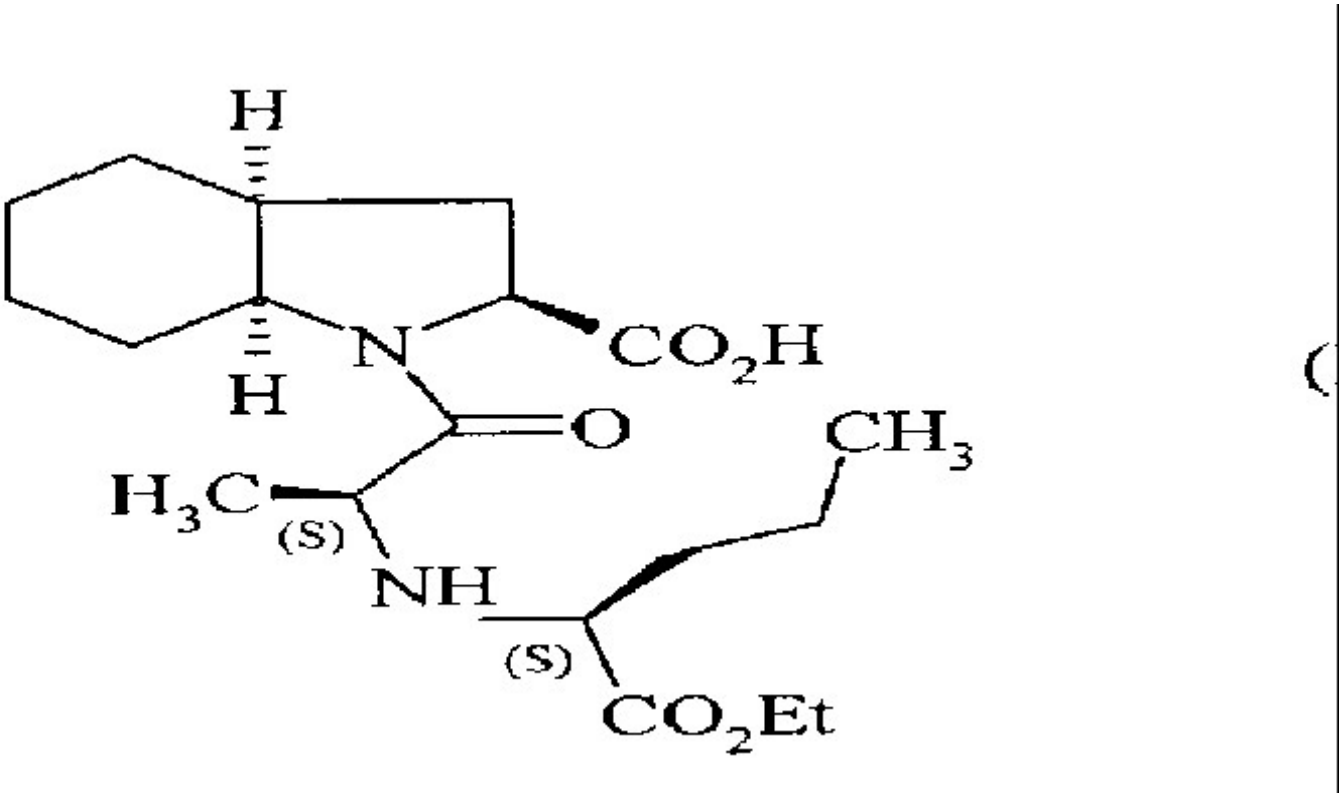
(54) Title of the invention : "NEW PROCESS FOR THE SYNTHESIS OF PERINDOPRIL AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS"

(51) International classification :C07K 5/02
(31) Priority Document No :0329 1600.9
(32) Priority Date :30/06/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/FR/2004/001638
Filing Date :28/06/2004
(87) International Publication No :WO 2005/005461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 7
No of Claims : 4

(57) Abstract :
Process for the synthesis of perindopril of formula (I) and its pharmaceutically acceptable salts.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2005

(21) Application No.5718/DELNP/2005 A
(43) Publication Date : 27/04/2007

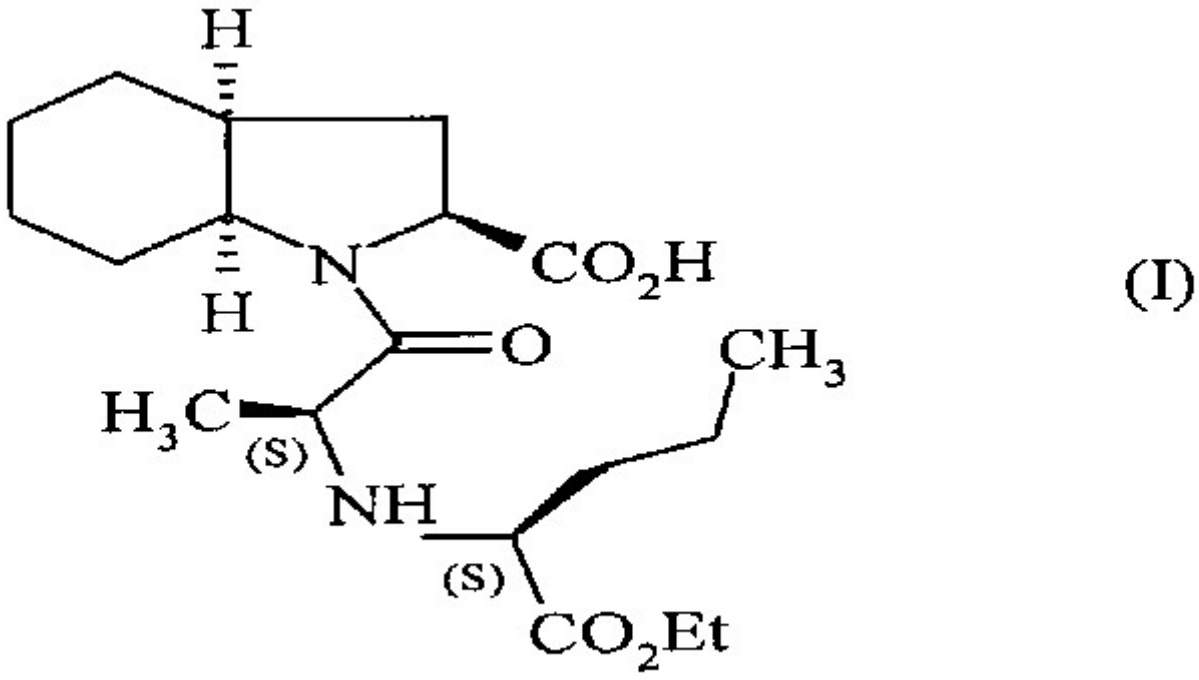
(54) Title of the invention : "NEW PROCESS FOR THE SYNTHESIS OF PERINDOPRIL AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS"

(51) International classification	:C07K 5/02
(31) Priority Document No	:0329 1601.7
(32) Priority Date	:30/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FR2004/001637
Filing Date	:28/06/2004
(87) International Publication No	:WO 2005/003153
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 7
No of Claims : 3

(57) Abstract :
Process for the synthesis of perindopril of formula (I) : and its pharmaceutically acceptable salts.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5725/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR GRAYSCALE RENDITION IN AN AM-OLED"

(51) International classification	:G09G 3/32
(31) Priority Document No	:04291081.0
(32) Priority Date	:27/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/051713
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/104074
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 28
No of Claims : 13

(57) Abstract :
The present invention relates to a grayscale rendition method in an active matrix OLED (Organic Light Emitting Display) where each cell of the display is controlled via an association of several Thin-Film Transistors (TFTs). In order to improve the grayscale rendition in an AM-OLED when displaying low grayscale levels and/or when displaying moving pictures, it is proposed to split each frame into a plurality of subframes wherein the amplitude of the data signal applied to a cell of the AM-OLED can be adapted to conform to the visual response of a CRT display. According to the invention, the video frame used for displaying an image is divided into N consecutive subframes, with N>2, and the data signal applied to the cell comprises N independent elementary data signals, each of said elementary data signals being applied to the cell during a subframe. The grayscale level displayed by the cell during the video frame is depending on the amplitude of the elementary data signals and the duration of the subframes. Fig.5

3/10

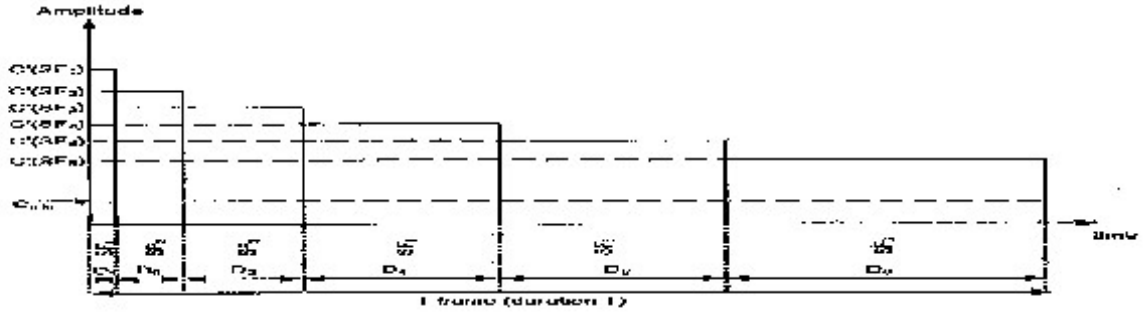


FIG.5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5726/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR SELECTING A VIEW MODE AND SETTING

(51) International classification :F21L 4/00
(31) Priority Document No :10/837,069
(32) Priority Date :30/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024631
Filing Date :30/07/2004
(87) International Publication No :WO 2005/111985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHARLES CUMMINS
4)GIAMIERO M. SIERRA
5)KENNETH M. TUBBS
6)COLIN R. ANTHONY

No of Pages : 33
No of Claims : 26

(57) Abstract :
A method and apparatus for selecting a view mode from aplurality of view modes and for selecting a setting within the selected view mode for displaying one or more items in a screen display.Â Â A single user input Â Â indicates both a selected view mode and a selected setting within that view mode. The input mechanism can be a hardware device, such as a keyboard or mouse, or a software control presented in a graphical user interface.Â The software view control may include a setting range display indicating a plurality of available settings, a view mode range display indicating a plurality of available view Â Â modes corresponding to the plurality of available settings, and a user selection component.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5727/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "STEREO SELECTIVE METHOD FOR THE PRODUCTION OF CLOPIDOGREL"

(51) International classification :C07D 495/04
(31) Priority Document No :04009280.1
(32) Priority Date :20/04/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB02/04856
Filing Date :28/10/2002
(87) International Publication No :WO 03/035652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JAROSLAV FRANTISEK
3)WINFRIED NESS

No of Pages : 92
No of Claims : 51

(57) Abstract :
The present invention relates to processes for preparing a compound of the general formula (la) (Figure Remove) wherein X is a halogen atom, or a pharmaceutically acceptable salt thereof, wherein a compound of the formula (II) (Figure Remove) wherein X is as defined above and Y and 2. independently represent a leaving group each, is reacted with an optically active amino alcohol to form a first mixture of diastereomers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5728/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SENSOR SCREEN SAVER"

(51) International classification :H04B 1/16
(31) Priority Document No :10/818,006
(32) Priority Date :05/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/002773
Filing Date :16/03/2005
(87) International Publication No :WO 2005/099105
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ANDERS ANGELHAG

No of Pages : 17
No of Claims : 23

(57) Abstract :
Mobile telephone handset or headset utilizes a sensor for determining whether" power-saving mode should be entered. The headset or handset includes at least oneÂ Â Â display screen for displaying communication information relative to the device, a sensor for providing a command signal, and control means for controlling operation of the display screen responsive to the command signal. The device has a first mode in which the display screen displays at least some information and a second mode in which the display screen utilizes less power than the first mode. The command signal causes a change between the first mode and the second mode. This Abstract is provided to comply with rules requiring an Abstract that allows a searcher or other reader to quickly ascertain subject matter of the technical disclosure. This Abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5729/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HIGH SOY PROTEIN NUGGETS AND APPLICATIONS IN FOOD PRODUCTS

(51) International classification :A23J 3/22
(31) Priority Document No :10/817,741
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :US05/010926
Filing Date :30/03/2005
(87) International Publication No :WO2005/096834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PHILLIP I. YAKABU
3)PAUL V. PAULSEN
4)CRIG R BAUMER
5)SANTIAGO SOLORIO

No of Pages : 56
No of Claims : 11

(57) Abstract :
The present invention relates to food materials containing a high concentration of vegetable protein and processes for their manufacture. More particularly, the present invention relates to vegetable protein extrudates containing high concentrations of protein and low concentrations of carbohydrates, processes for manufacturing such protein extrudates, and the use of such protein extrudates as functional food ingredients

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5730/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND APPARATUS AND A ROTOR FOR HOMOGENIZING A MEDIUM

(51) International classification :B01F 15/00
(31) Priority Document No :04405223.1
(32) Priority Date :13/04/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/CH2005/000151
Filing Date :14/03/2005
(87) International Publication No :WO 2005/099883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REIJO VESALA

No of Pages : 27
No of Claims : 33

(57) Abstract :
The present invention relates to a method, an apparatus and a rotor for homogenizing a medium. The invention may be utilized in all areas of industryÂ where mere homogenisation of a medium or mixing of at least two flowing media is needed. A preferred application of the invention can be found in pulp and paper making industry where various chemicals have to be mixed with fiber suspensions. Â A characterizing feature of the invention is the symmetry of the homogenising operation in the homogenising chamber.

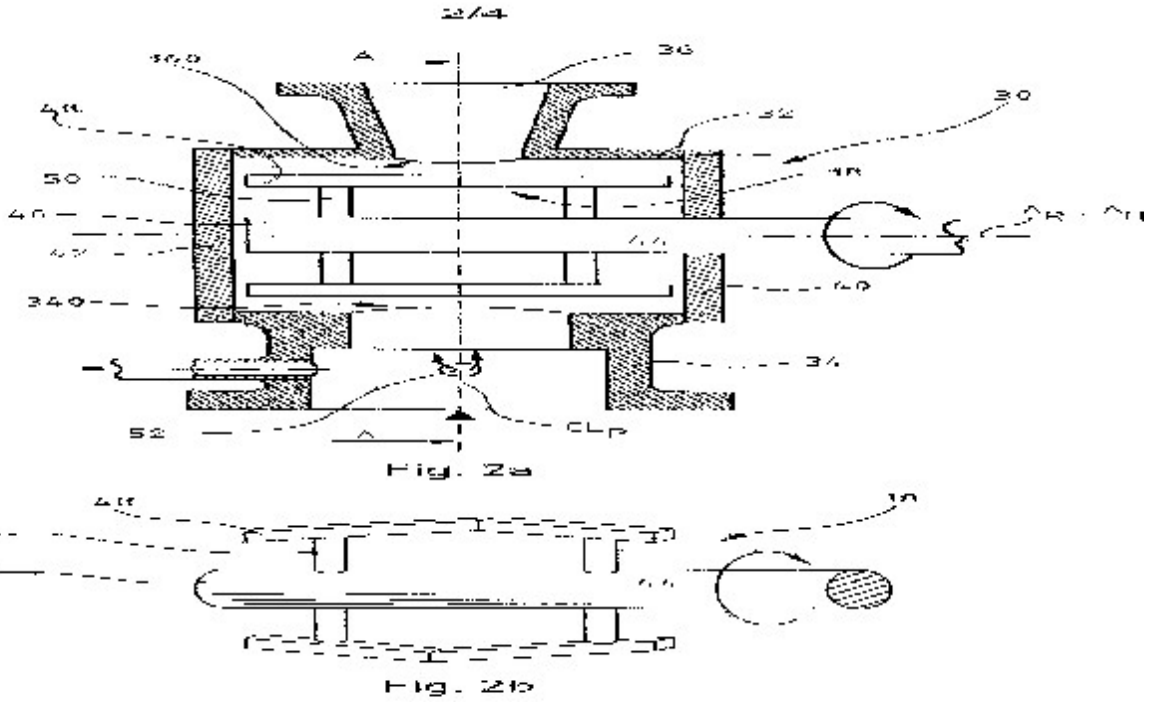


Fig. 2a
Fig. 2b

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5731/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MEMORY CARDS HAVING TWO STANDARD SETS OF CONTACTS

(51) International classification :G06K 19/077
(31) Priority Document No :10/826,801
(32) Priority Date :16/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :US2005/012695
Filing Date :13/04/2005
(87) International Publication No :WO2005/106781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ELIYAHOU HARARI
3)ROBERT C. MILLER
4)HEM P.TAKIAR
5)ROBERT F.WALLACE

No of Pages : 35
No of Claims : 41

(57) Abstract :
Enclosed re-programmable non-volatile memory cards include at least two sets of electrical contacts to which the internal memory is connected. The two sets of contacts have different patterns, preferably in accordance with two different contact standards such as a memory card standard and that of the Universal Serial Bus (USB). One memory card standard that can be followed is that of the Secure Digital (SD) card. The cards can thus be used with different hosts that are compatible with one set of contacts but not the other. A sleeve that is moveable by hand may be included to expose the set of contacts being used

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5732/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FLICKER-TYPE FLYING TOY DEVICE"

(51) International classification :A63H 27/00
(31) Priority Document No :60/557,139
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/010072
Filing Date :25/03/2005
(87) International Publication No :WO 2005/097284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PAUL W. SCHNEIDER

No of Pages : 18
No of Claims : 15

(57) Abstract :
flying toy (10) includes a planar body defining an outer edge (16). A recess (18) extends inwardly from the outer edge and includes an undercut section (22). The body defines a hook section (24) adjacent the undercut section of the recess, and a finger engagement section (28) opposite the hook section that defines a pair of wings (32, 34). The wings are resilient, and include outer end areas that can be spread apart. The recess is configured to receive the tip of a user"s finger. When the user"s fingertip is positioned within the recess, the hook section engages one side of the user"s finger and the finger engagement section engages an opposite side of the user"s finger. The wings spread apart so as to stabilize the body on the user"s finger. The user flicks his or her finger to dislodges the flying toy from the user"s fingertip, and the flying toy is then propelled through the air.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5733/DELNP/2006 A
(43) Publication Date : 27/04/2007

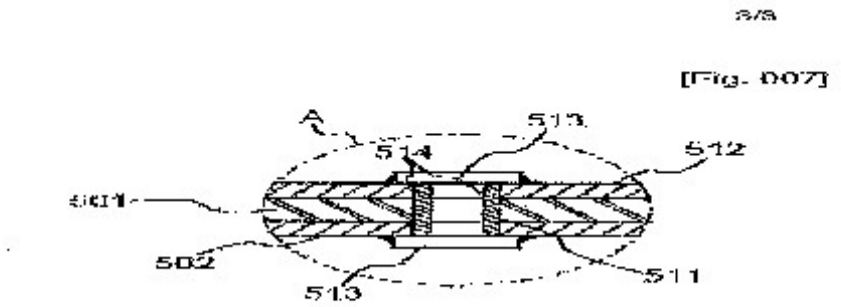
(54) Title of the invention : "LARGE SCALE BI-DIRECTIONAL USER TERMINAL WITH CONFIGURABLE TRANSMISSION FREQUENCIES"

(51) International classification	:H01P 1/207
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2005/051504
Filing Date	:04/04/2005
(87) International Publication No	:WO 2005/114856
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)JEAN-YVES LE NAOUR
3)CORINNE NICOLAS

No of Pages : 11
No of Claims : 4

(57) Abstract :
The invention proposes an upgradeable product enabling a single circuit to be produced and very easily configured in the factory for a lower production cost. The minimisation of the industrialisation costs is achieved by an increase of production volumes. An outdoor unit of a reception terminal including a return channel, comprises a band-pass filtering means 206 that allows the transposed signals found in a transmission bandwidth 401 to pass, and a rejector filtering means 205 that rejects at least one frequency found in the transmission bandwidth 401, the rejector filtering means being neutralised when neither the frequency defined in the oscillator nor a multiple frequency of the defined frequency is found in the transmission bandwidth. Figure3.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5744/DELNP/2006 A
(43) Publication Date : 27/04/2007

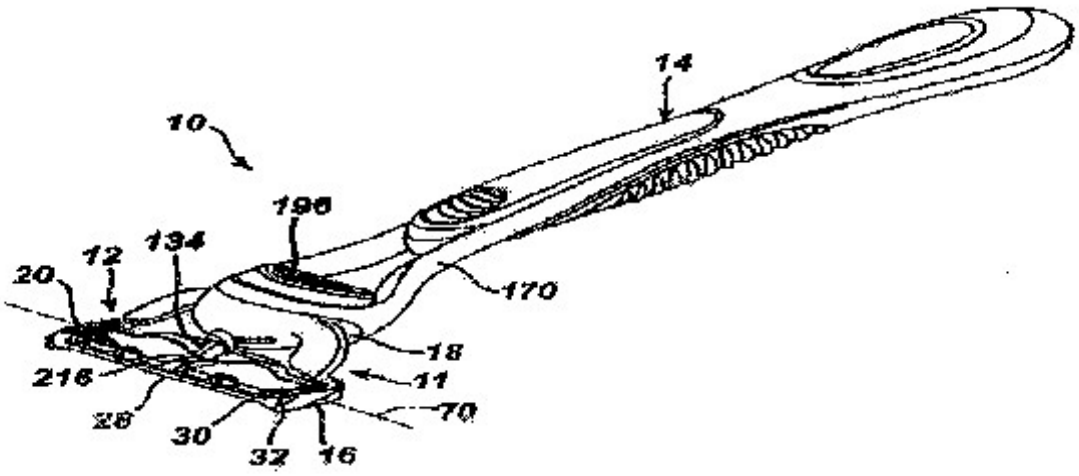
(54) Title of the invention : SHAVING CARTRIDGES AND RAZORS.

(51) International classification :B26B 21/22
(31) Priority Document No :10/799,938
(32) Priority Date :11/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007476
Filing Date :08/03/2005
(87) International Publication No :WO 2005/090019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KEENE ANDREW
3)WORRICK CHARLES B

No of Pages : 67
No of Claims : 52

(57) Abstract :
The invention features a shaving cartridge (12) for connection to a handle. The shaving cartridge (12) includes a plastic housing (20) having a front portion (136), a rear portion (138) having a rear surface, two side surfaces (34) extending from the front portion (136) to the rear portion (138), pivoting structure defining a pivot axis (70) for pivoting of the housing (20) with respect to the handle, and a housing axis (217) extending from the rear portion to the front portion perpendicular to the pivot axis (70). One or more shaving blades (28) are positioned between the front portion and the rear portion. The one or more blades (28) extend along respective one or more parallel blade axes (130) that are parallel to the pivot axis (70) and located behind the pivot axis. A guard (22) at the front portion (136) of the housing (20) includes an elastomeric member (100) that extends along the housing axis (217)in front of the pivot axis (70) by a front distance that is within (35) percent of a rear distance along the housing axis (127) from the pivot axis (70) to the rear surface so as to provide a cartridge that is substantially balanced about the pivot axis (70).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5745/DELNP/2006 A
(43) Publication Date : 27/04/2007

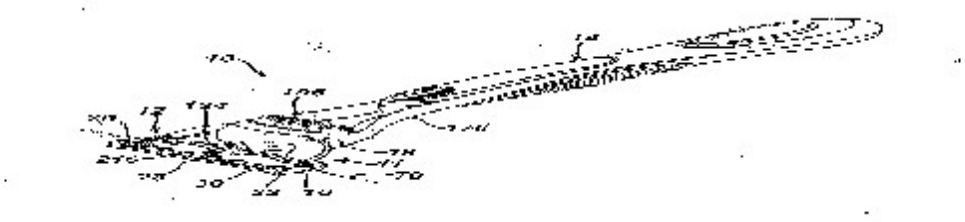
(54) Title of the invention : SHAVING CARTRIDGES AND RAZORS.

(51) International classification :B26B 21/22
(31) Priority Document No :10/799,037
(32) Priority Date :11/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007183
Filing Date :03/03/2005
(87) International Publication No :WO 2005/090018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 63
No of Claims : 26

(57) Abstract :
A shaving cartridge includes ,a cartridge housing having a front edge and a rear edge. One or more shaving blades are positioned between the front and i rear edges of the housing. A connecting member (18) is pivotally connected to th"e cartridge housing, the connecting member having a load-bearing surfape (146, 148) arranged and configured to contact the housing only when the hjousing is pivoted beyond a limit angle that is greater th&n the normal pivot angle.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.5746/DELNP/2006 A
(43) Publication Date : 27/04/2007

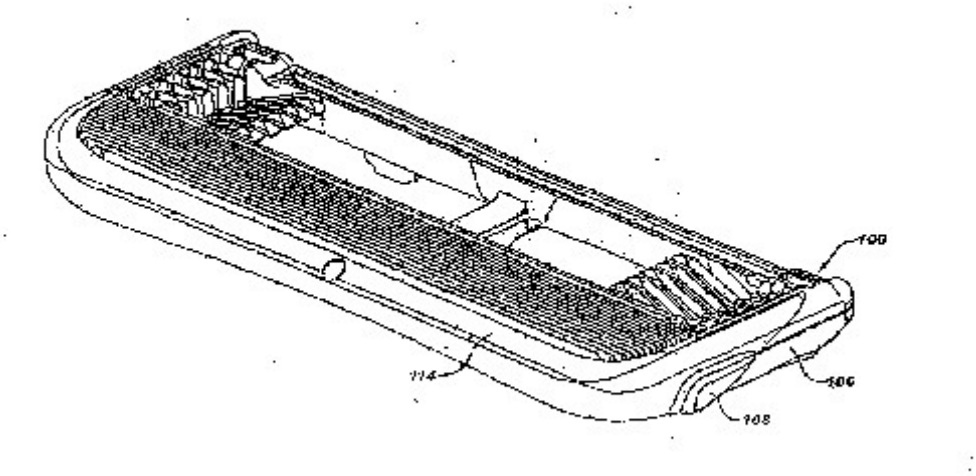
(54) Title of the invention : DISPENSERS FOR RAZOR BLADE CARTRIDGES

(51) International classification :B26B 21/24
(31) Priority Document No :10/798,140
(32) Priority Date :11/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007477
Filing Date :08/03/2005
(87) International Publication No :WO 2005/090020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 49
No of Claims : 65

(57) Abstract :
Dispensers (10) are provided for razor blade cartridges (12) used with! a handle (63). The dispensers have a housing structure (18) that definjes sections (20) for receiving respective cartridges and retaining iin predetermined positions that permit connection of a handle connectiijig structure (64) on the handle to one of the cartridges as the handle is mov^d toward the cartridge. The dispensers also include a latch (22) for each section. Each latch is shaped and positioned to interact with a corresponding feature (14) on the blade unit of the cartridge.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5747/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NUCLEOSIDE DERIVATIVES AND THERAPEUTIC USE THEREOF

(51) International classification :A61K 31/513
(31) Priority Document No :60/558,141
(32) Priority Date :01/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :US2005/011313
Filing Date :01/04/2005
(87) International Publication No :WO2005/097757
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LE SANG K

No of Pages : 39
No of Claims : 19

(57) Abstract :
The present invention relates to nuclcosklc derivatives repre-en(ed hy general formulas (I) and (II). their synthetic methods and their phar-nacologically acceptance salts thereof, and compositions containing such com-xiunds. Methods lor treating hyperproliferalive disorders hy administering the :ompounds are also included.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006
(21) Application No.5748/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DEPLOYING AND PROVISIONING WIRELESS HANDHELD DEVICES"

(51) International classification :H04L9/30
(31) Priority Document No :60/559,092
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000466
Filing Date :30/03/2005
(87) International Publication No :WO2005/096542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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No of Pages : 38
No of Claims : 17

(57) Abstract :
A method carried out by a first system for establishing a secure bidirectional communication path between the first system and a second system for an exchange of one or more messages is described. A first key pair having a first public key and a first private key is generated, and a second key pair having a second public key and a second private key is generated. The second public key is generated based upon a shared secret known to the first system and the second system. The second public key and the first public key are sent to the second system. A third public key and a fourth public key generated by the second system are received, wherein the fourth public key is generated based upon the shared secret. A master key is calculated based upon the first private key, the second private key, the third public key and the fourth public key, wherein the master key is .configured to be used in encryption of one or more messages.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2005
(21) Application No.5762/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AQUEOUS SOLUTION OF OLANEXIDINE,METHOD OF PREPARING THE AQUEOUS SOLUTION,AND DISINFECTANT"

(51) International classification :A61K 31/155
(31) Priority Document No :2003-150846
(32) Priority Date :28/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/007434
Filing Date :25/05/2004
(87) International Publication No :WO 2004/105745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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9)HIDETSUGU TSUBOUCHI
10)HIROSHI ISHIKAWA
11)TAKASHI OKAMURA
12)KOUSHI IWATA

No of Pages : 23
No of Claims : 17

(57) Abstract :
A disinfectant which contains olanexidine in such a concentration that the disinfectant shows an effective bactericidal activity and which is reduced in side effects such as skin irritation. The disinfectant comprises an aqueous solution which contains olanexidine and gluconic acid, the amount of the latter being at least equimolar with the former, and contains substantially none of acids other than gluconic acid and of salts of the acids (other than gluconic acid).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2005
(21) Application No.5776/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RANDOM -TYPE IDENTIFYING MATERIAL, 3-D IDENTIFYING SYSTEM AND METHOD USING THE SAME

(51) International classification :G06K 9/00
(31) Priority Document No :10-2003-0045278
(32) Priority Date :04/07/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/001606
Filing Date :01/07/2004
(87) International Publication No :WO 2005/004039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PARK,KWANG-DON

No of Pages : 40
No of Claims : 19

(57) Abstract :
The present invention relates to a random type recognition object for an identification apparatus wherein identification particles are distributed irregularly within a 3D shape and a positional value and a characteristic value of the identification particles distributed within the 3D shape in one or plural directions are recognized by separate recognition means, and an identification apparatus and method using a random type recognition object whose reproduction is impossible. Furthermore, the present invention relates to a product authentication system and method in which a purchaser transmits data extracted from a recognition object distributed together with a product using a recognition apparatus to an authentication system in order to determine whether purchased product is genuine, the authentication system transmits information on a product coincident with the received data to the purchaser, and the purchaser compares the purchased product with the information on the product received from the authentication system to determined whether the product is genuine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5784/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF QUATERNARY AMMONIUM COMPOUNDS AND COMPOSITIONS THEREOF.

(51) International classification :A61K 31/14
(31) Priority Document No :60/557,106
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/010162
Filing Date :25/03/2005
(87) International Publication No :WO2005/097729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHARLES R.EVERLY
4)CHI HUNG CHENG

No of Pages : 81
No of Claims : 54

(57) Abstract :
useful in wood preservative formulations. The process involves reacting a trialkylamine with an alkyl bromide to form a quaternary tetraalkylammonium bromide salt, converting the quaternary tetraalkylammonium bromide salt to a quaternary tetraalkylammonium hydroxide salt by using an ion exchange resin, and converting the quaternary tetraalkylammonium hydroxide salt to the quaternary tetraalkylammonium salt of the selected anion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5785/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ADHESION PROMOTING COMPOUND.

(51) International classification :C07F 9/11
(31) Priority Document No :0407701.2
(32) Priority Date :05/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000990
Filing Date :17/03/2005
(87) International Publication No :WO2005/097919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 12
No of Claims : 16

(57) Abstract :
The invention comprises an adhesion promoter for a printing ink and a printing ink comprising the adhesion promoter. The adhesion promoter comprises the product of (a) mixing together a solution of a polymer or synthetic resin with an organophosphorus compound, and then (b) mixing the mixture formed in (a) with a titanium compound selected from a titanium halide, alkoxide, halo-alkoxide or a condensed titanium alkoxide or a mixture of more than one of these titanium compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5786/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PLASMA DISPLAY PANEL AND DRIVING METHOD THEREOF.

(51) International classification :G09G 3/20
(31) Priority Document No :2004-118085
(32) Priority Date :13/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/014283
Filing Date :22/09/2004
(87) International Publication No :WO 2005/101448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YODHIFUMI AMANO

No of Pages : 39
No of Claims : 4

(57) Abstract :
The present invention is to provide an AC type PDF which can be manufactured by an inexpensive thick-film process without a thin-film process which is difficult to manufacture an MgO protection layer and the like and which has a panel structure that can be driven at a low voltage. Of a pair of discharge electrodes, one electrode is formed as a so-called AC type electrode in which a conducting electrode material is formed as an independent floating electrode separated at every pixel, this floating electrode being connected through a dielectric layer to a bus electrode in a capacity coupling fashion. The other discharge electrode is formed as a so-called DC type electrode in which a bus electrode is exposed to the discharge space as it is. The above-mentioned two electrodes are paired to form an AC type PDF which carries out discharge display

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5787/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ANTIGEN-DRUG VEHICLE ENABLING TRANSMUCOSAL AND TRANSDERMAL ADMINISTRATION. AND METHOD OF INDUCING MUCOSAL IMMUNITY AND MUCOSAL VACCINE AND DDS USING THE SAME

(51) International classification :A61K 39/39
(31) Priority Document No :2004-111249
(32) Priority Date :05/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP05/005659
Filing Date :22/03/2005
(87) International Publication No :WO 2005/097182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HIROSHI KIDO
2)DAI MIZUNO

No of Pages : 59
No of Claims : 15

(57) Abstract :
Disclosed are an antigen-drug vehicle (AD vehicle) exerting a function of inducing the preferential and selective production of an antigen-specific secretory IgA antibody, local immunity or mucosal immunity; a method of inducing mucosal immunity, a mucosal vaccine and a preventive or a remedy for allergy using the above AD vehicle; and a transmucosal or transdermal DDS using the above vehicle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5790/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROBE AND SYSTEM FOR EXTRACTING GASES FROM A PROCESS ENVIRONMENT.

(51) International classification :G01N 1/22
(31) Priority Document No :VC2004A000002
(32) Priority Date :09/04/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2005/051145
Filing Date :07/04/2005
(87) International Publication No :WO 2005/098392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOMENICO BRUZZI

No of Pages : 24
No of Claims : 13

(57) Abstract :
A probe (S) for the extraction of gas from a process environment comprises a tubular element (2), which can be positioned within the process environment. This tubular element has at one end a gas aspiration opening (TS) and defines an internal cavity (CA) by which the interior of the process environment can be put into fluid communication with a gas take off system. The probe further includes a second tubular element (1) extending into the interior of the cavity of the first tubular element (2). This second tubular element has one end (UG) disposed at the aspiration opening end (that is to say the process environment side), formed in such a way as to inject the said accelerated gaseous fluid towards the aspiration opening of the first tubular element (2) and from there back to the process environment. Also envisaged is a system for the extraction of gas from a process environment which can be coupled to the probe, comprising a circuit (40, C) aspirating the gas from the process environment through the cavity (CA) of the first tubular element of the probe (2), and a circuit (50, C) for re-injecting the said gas into the same process environment through the second tubular element of the probe (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5791/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FAST REACTING THERMAL CLUTCH.

(51) International classification :A62B 1/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2005/013835
Filing Date :21/04/2005
(87) International Publication No :WO 2005/106278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROBERT L. LEON

No of Pages : 16
No of Claims : 8

(57) Abstract :
thermal clutch assembly is comprised of a radially inner rotatable member, a radially outer rotatable member a pair of axially spaced apart ring structures, and a thin tension web. The ring structures are both affixed to and rotate with one of the rotatable members and each has at least one substantially axial surface which may contact substantially axial surfaces of the other rotatable member. The tension web has high tensile strength, a high surface area to volume ratio, a thermally efficient flow arrangement to the surrounding medium, and high thermal conductivity. The tension web is secured to each of the two ring structures and substantially spans the space between the substantially axial surfaces of the ring structures, the web having a significantly higher thermal coefficient of expansion than the material between the substantially axial surfaces of the other rotatable member. In this manner, the web is in tension at temperatures of the surrounding medium below a predetermined temperature thereby causing the substantially axial surfaces of the ring structures to engage the substantially axial surfaces of the other rotatable member for coupling the two rotatable members for rotating together, and is not in tension at temperatures of the surrounding medium at or above the predetermined temperature thereby causing the substantially axial surfaces of the ring structures to disengage from the substantially axial surfaces of the other rotating structure for de-coupling the two rotatable members so they do not rotate together

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.5792/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WIRELESS COMMUNICATION METHOD, DEVICE AND SYSTEM FOR ESTABLISHING A CONNECTION.

(51) International classification :G08C 17/02
(31) Priority Document No :0400958-5
(32) Priority Date :08/04/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000516
Filing Date :07/04/2005
(87) International Publication No :WO 2005/099176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LENNART BALGARD
2)SELJA TASALA
3)LUCA RACITI

No of Pages : 41
No of Claims : 51

(57) Abstract :
The invention is a method for a user to establish a wireless connection between a wireless portable computing device and a wireless-equipped device in an industrial or electrical power or distribution plant. Actions of the method of the invention are carried out by a second computer program that provides information in a GUI display to a user and opens a wireless connection with a selected industrial device. In other aspects of the invention an HMI and a system are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2007

(21) Application No.582/DELNP/2007 A
(43) Publication Date : 27/04/2007

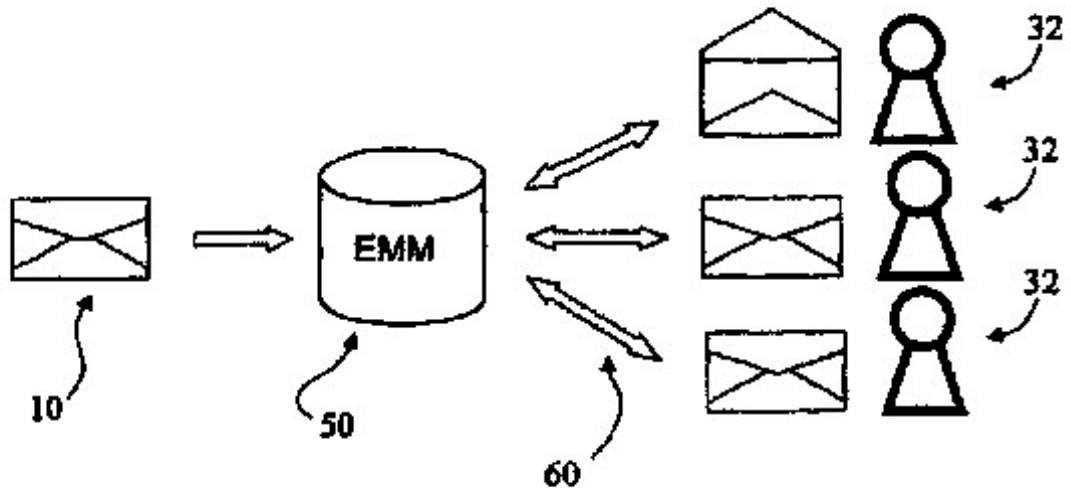
(54) Title of the invention : SYSTEM FOR HANDLING ELECTRONIC MAIL IN A MULTIPLE USER ENVIRONMENT

(51) International classification	:H04L 12/58
(31) Priority Document No	:04077431.7
(32) Priority Date	:31/08/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/DK2005/000555
Filing Date	:31/08/2005
(87) International Publication No	:WO 2006/024300
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LAURIDSEN, ANTON CHRISTIAN
2)BRANDT, HENRIK JOHN

No of Pages : 30
No of Claims : 29

(57) Abstract :
The invention concerns an electronic mail management (EMM) system for handling electronic mail in a multiple user environment, in which the user's incoming electronic mail is sent and received, said system includes a mail distribution network including a server through which, electronic mail items of the users are exchanged, said system comprising: detecting means for monitoring the flow of in- and outbound electronic mails for a specified set of users, and intercepting the in- and outbound emails; journalizing means for creating a notification record of a set of e-mail information data (metadata) for each intercepted electronic mail; an e-mail manager database (EMM DB) for storing at least said notification record and each electronic mail; and means for establishing a journal of e-mails by defining a search request query and submitting said search request to a search engine for selecting a user defined series of information data from the notification records in the EMM database



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2006
(21) Application No.5826/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR PREPARAING A COMPOUND FOR DRAWING A NON-PERMANENT TATTOO AND A METHOD OF USING SAID COMPOUND"

(51) International classification :A61K
(31) Priority Document No :PI 0402011-1
(32) Priority Date :04/05/2004
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2005/000070
Filing Date :04/05/2005
(87) International Publication No :WO 2005/105020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)VIDALENC, DANIELA

No of Pages : 21
No of Claims : 24

(57) Abstract :
The present invention refers to a method for preparing of a compound for drawing a non-permanent tattoo from the "jenipapo" fruit (Genipa americana). A certain amount of juice from the "jenipapo" fruit (Genipa americana) is provided, into which a thickener is added for forming a substantially creamy coumpound, which receives extracts from the seeds of grapefruit, rosemary, olives leaves, E vitamin, citric acid, ascorbic acid and vegetable dyes as additives, as well as colorincreasing coumpounds for increasing the intensity of its color. The compound is stored in sealed packages for future use to make free hand designs and to make adhesive substrates with voided designs and protective backings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/02/2005

(21) Application No.583/DELNP/2005 A
(43) Publication Date : 27/04/2007

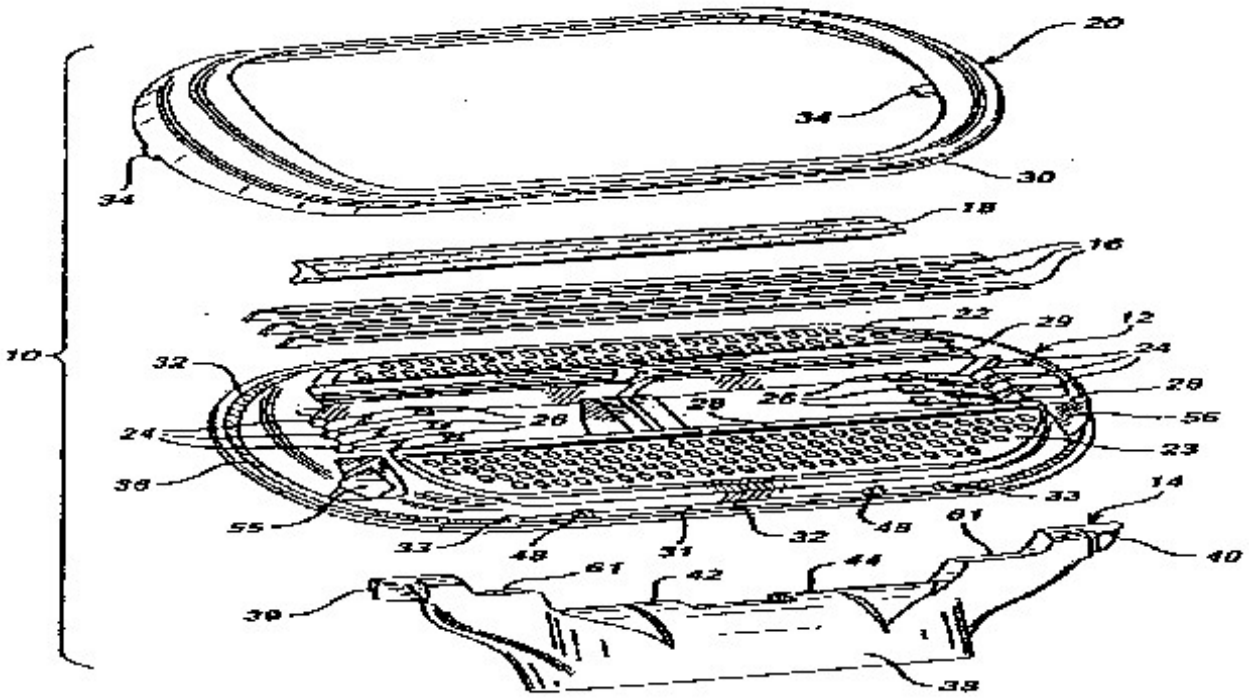
(54) Title of the invention : "RAZOR BLADE SYSTEM"

(51) International classification :B26B 1/40
(31) Priority Document No :09/066,499
(32) Priority Date :24/04/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/08609
Filing Date :20/04/1999
(87) International Publication No :WO 99/55499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PAUL FLAHERTY
3)MATTHEW JOSEPH GUAY
4)STEPHEN C.METCALF

No of Pages : 23
No of Claims : 46

(57) Abstract :
A safety razor system includes an elongated housing (12) pivotably attached to a member (14) connecting the housing to a handle. The housing (12) is substantially rectangular, having arcuate end portions. A plurality of razor blades (16) and a guard member (28) extend from the upper surface of the housing and an annular retainer clip (20) is disposed about the periphery of the housing serving to retain the blades (16) onto the housing (12) and position the blades relative to the guard member (28). The connecting member (14) pivotably supports the housing by four coaxial bearing surfaces (58, 59, 60, 61) contacting mating surfaces on the housing during rotation of the housing relative to the connecting member.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006
(21) Application No.5851/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TEXTILE CONSTRUCTIONS

(51) International classification :B32B 27/04
(31) Priority Document No :10/825,820
(32) Priority Date :16/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012466
Filing Date :13/04/2005
(87) International Publication No :WO 2005/105429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 64
No of Claims : 27

(57) Abstract :
Moisture permeable textile constructions are disclosed. The face side of the construction comprises a low energy surface; the reverse side of the construction may carry an adhesive that allows the construction to be securely attached to a support surface, yet may be readily removable without residue or damage to the support surface. The low energy surface may be printed, patterned, or otherwise treated to provide decorative and/or functional characteristics, as desired, depending on the intended use of the construction. Various chemical additives such as stain release agents, biocides, etc. may be incorporated into the construction.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006
(21) Application No.5852/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BLEND COMPOSITIONS SUITABLE FOR RF WELDING APPLICATIONS"

(51) International classification :C08L 23/08
(31) Priority Document No :60/570,550
(32) Priority Date :12/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017015
Filing Date :12/05/2005
(87) International Publication No :WO 2005/113670
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JOHN CHU CHEN
2)DAVID J. WALSH

No of Pages : 12
No of Claims : 6

(57) Abstract :
Disclosed are films obtained from blends of ethylene copolymers with organic acid salt-modified potassium ionomeric copolymers. The films of the present invention can be welded using RF energy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006
(21) Application No.5853/DELNP/2006 A
(43) Publication Date : 27/04/2007

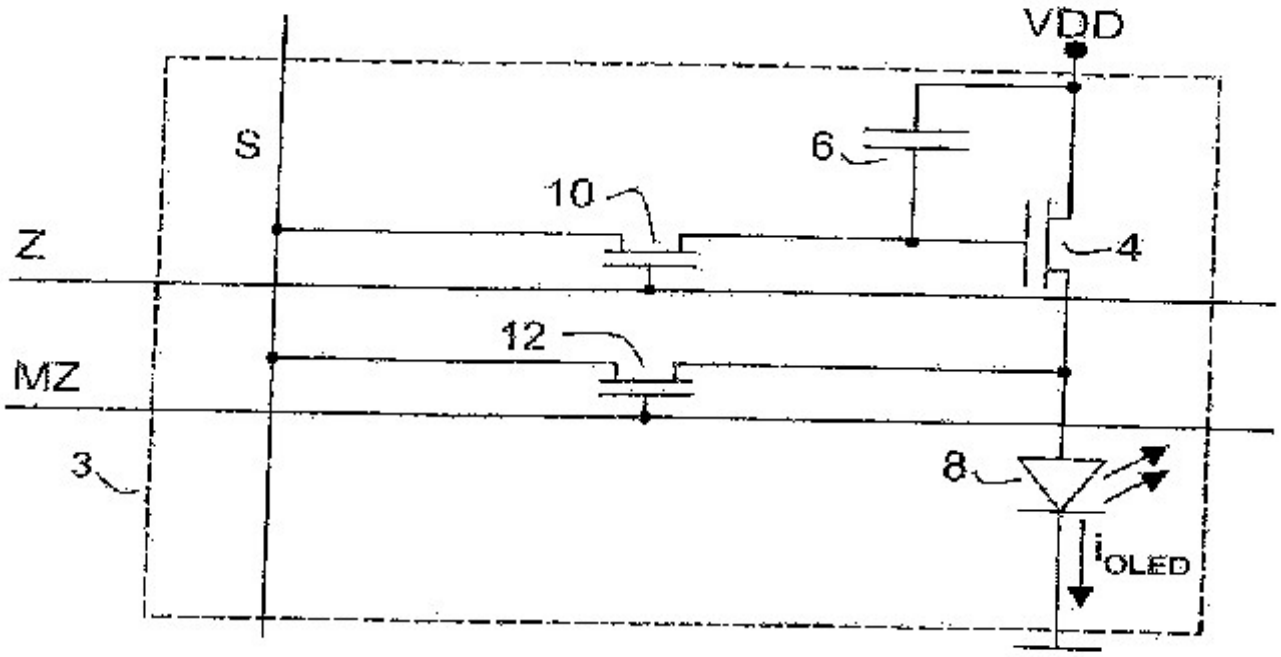
(54) Title of the invention : "CIRCUIT AND CONTROL METHOD FOR A LIGHT-EMITTING DISPLAY"

(51) International classification	:G09G 3/32
(31) Priority Document No	:102004022424.2
(32) Priority Date	:06/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/004130
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/109389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)THILO MARX
2)HEINRICH SCHEMMANN

No of Pages : 25
No of Claims : 16

(57) Abstract :
A circuit for an element 3 of a light-emitting display is proposed. The element comprises a current control means 4, first and second switching means 10, 12 and a light-emitting means 8. In one embodiment, a signal holding means 6 is provided. The arrangement of the first and second switching means of the element 3 makes it possible to measure the electrical parameters of the current control means 4 and of the light-emitting means 8 during operation. A light-emitting display 100 having a plurality of elements 3 is furthermore proposed. The light-emitting display has a control circuit 104 and a memory 106. The measured values of the electrical parameters of the current control means 4 and of the light-emitting means 8 of the elements 3 are used to correct the control signal S that is used to drive the elements 3. This enables a uniform brightness distribution in the case of voltage actuation and makes it possible to compensate for temporal changes in the light-emitting means 8. In addition, a method for actuating the elements 3 and the light-emitting display 100 is proposed. Figure 6



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

(21) Application No.5854/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'METHOD FOR FILLING A CONTAINER WITH GAS"

(51) International classification :F17C 11/00
(31) Priority Document No :A 625/2004
(32) Priority Date :09/04/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AT05/000118
Filing Date :05/04/2005
(87) International Publication No :WO 2005/098307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ERICH STUHLBACHER
3)GEORG KOCEVAR

No of Pages : 17
No of Claims : 27

(57) Abstract :
The invention relates to a method for filling a container with gas, gas being inserted into the container under compression. In order to be able to fill the container with a larger amount of gas than before and to reduce gas pressure peaks during filling, it is proposed according to the invention that electrically conducting stretched material is inserted into the container before it is filled with gas. Furthermore, the invention relates to a gas container (1), in particular a high-pressure gas cylinder, for storing gases under pressures exceeding 50 bar, in particular exceeding 200 bar, which contains electrically conducting stretched material (11). With gas containers (1) according to the invention, a higher filling level is achieved than before with a given pressure. Containers with a small wall thickness can be used without a safety risk because of a reduction of gas pressure peaks in the interior of containers. {P30892 00064880.DOC}

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

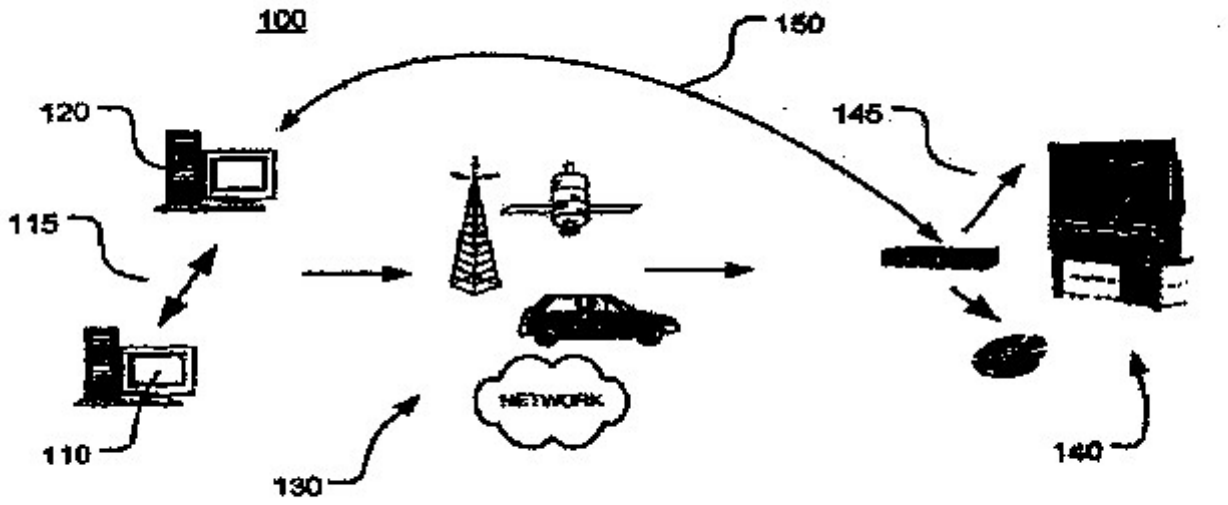
(21) Application No.5855/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOR SELECTIVELY PROVIDING ACCESS TO CONTENT.

(51) International classification	:G06F 21/00	(71)**Name of Applicant :**
(31) Priority Document No	:60/554,220	**1)THOMSON LICENSING**
(32) Priority Date	:18/03/2004	Address of Applicant :46,QUAI A.LE GALLO,F-92100 BOULOGNE-BILLANCOURT (FR) France
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/009055	(72)**Name of Inventor :**
Filing Date	:17/03/2005	**1)DERRENBERGER,MIKE ARTHUR**
(87) International Publication No	:WO 2005/104000	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20
No of Claims : 27

(57) Abstract :
A method of operating a digital program playback device, including: receiving, via a first communications network, a data stream including an encrypted data portion representative of a program; identifying, from the received data stream, an identifier associated with the program; transmitting the program identifier and a device identifier associated with the digital program playback device to an authorization device via a second communications network; receiving, via the second communications network, a decryption key in response to the transmission; and decrypting the data stream using the decryption key and generating an output signal for playback of the program.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

(21) Application No.5856/DELNP/2006 A
(43) Publication Date : 27/04/2007

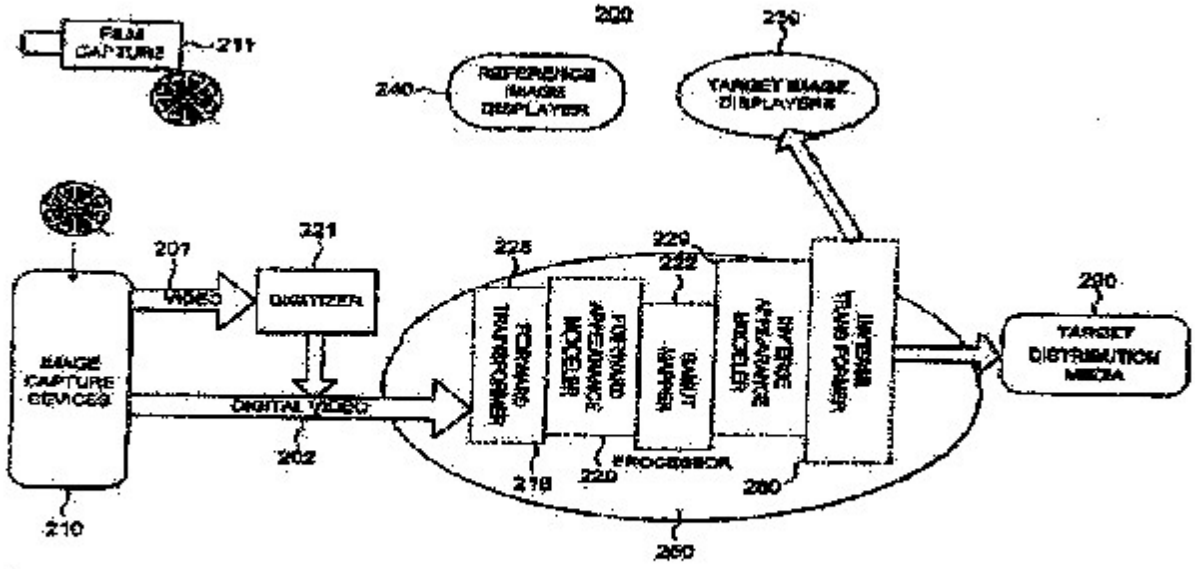
(54) Title of the invention : SYSTEM AND METHOD FOR COLOR MANAGEMENT.

(51) International classification	:H04N 9/11
(31) Priority Document No	:04364022.6
(32) Priority Date	:19/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/US2005/008918 :17/03/2005
(87) International Publication No	:WO 2005/094059
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YEUNG RAYMOND

No of Pages : 28
No of Claims : 13

(57) Abstract :
The invention provides a color processing system comprising an image capture device for capturing a scene and providing first color image data representative of the scene. A color space transformer is coupled to the image capture device for transforming the first color image data to second color image data. A first display device is coupled to the color transformer. The first display device displays the scene as represented by the second color image data. The color transformer includes a processor programmed to perform a matrix operation upon the first color image data by selecting matrix elements from a look up table (LUT) comprising pre-computed values.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

(21) Application No.5857/DELNP/2006 A
(43) Publication Date : 27/04/2007

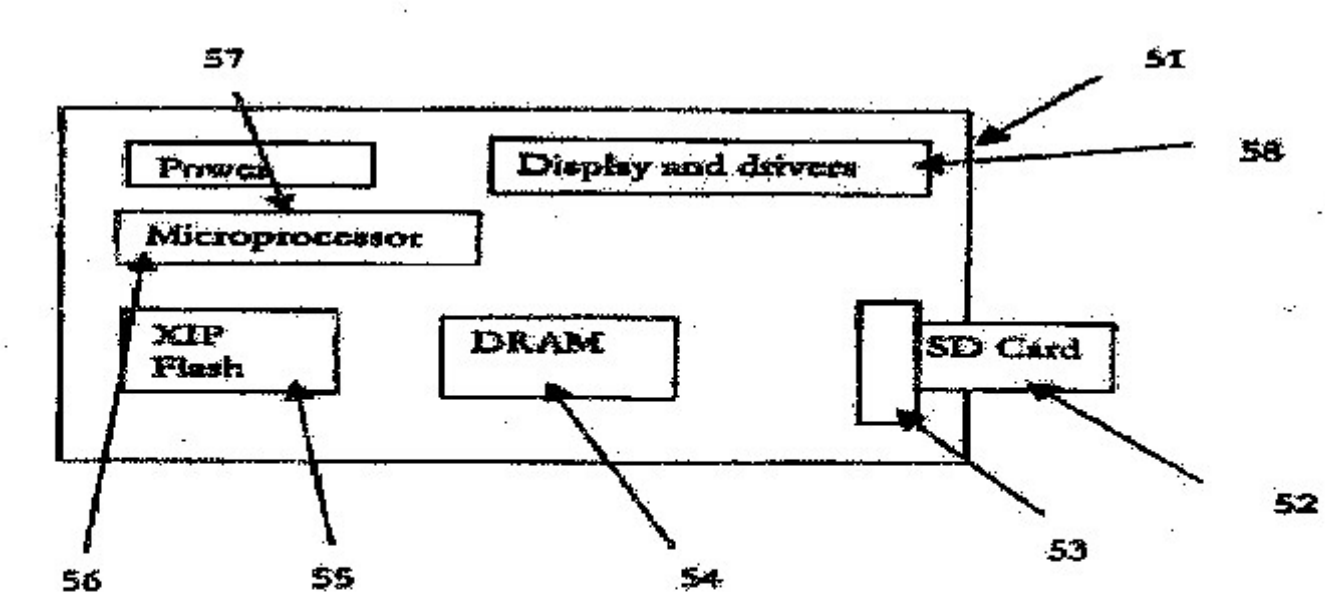
(54) Title of the invention : NAVIGATION DEVICE DISPLAYING TRAVEL INFORMATION

(51) International classification :G01C 21/34
(31) Priority Document No :0405795.6
(32) Priority Date :15/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000984
Filing Date :15/03/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 27
No of Claims : 15

(57) Abstract :
A navigation device, programmable with map data and a navigation application that enables a route to be planned between two user-defined places; the device is operable to read a removable memory card storing the device operating system, the navigation application, and the map data. It does not need to store the operating system in mask ROM; hence, customisation for a specific country requires only that the appropriate memory card be inserted at the time of use.



57 ALIMENTATION
56 MICROPROCESSEUR
58 AFFICHAGE ET PILOTES
55 XIP FLASH
54 DRAM
52 CARTE SD

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

(21) Application No.5858/DELNP/2006 A
(43) Publication Date : 27/04/2007

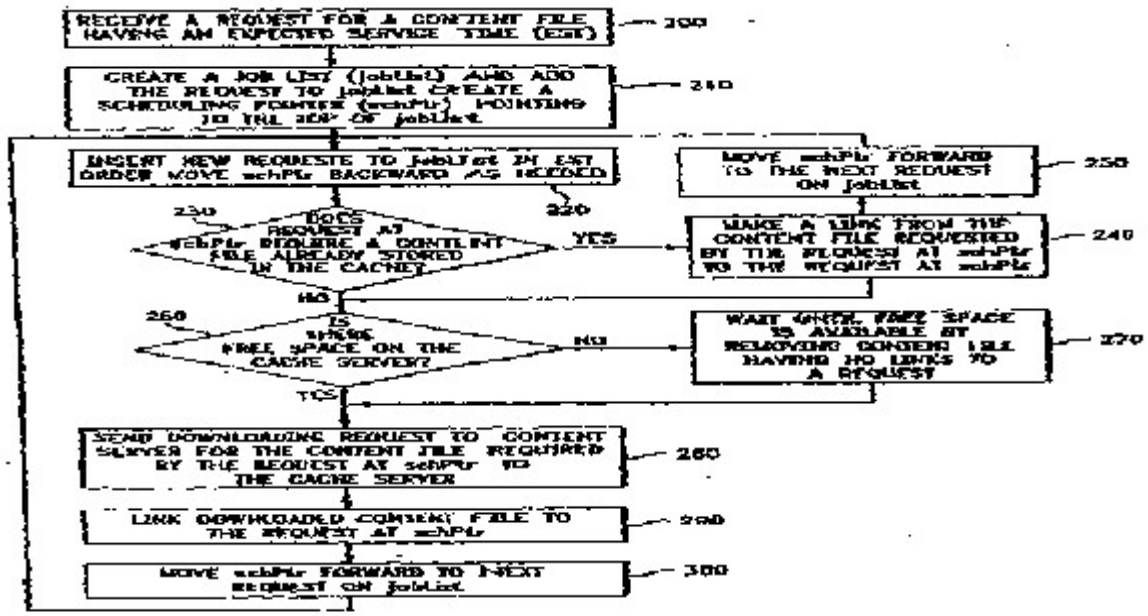
(54) Title of the invention : SYSTEM AND METHOD FOR SCHEDULING DOWNLOADING IN A CACHED NETWORK ENVIRONMENT.

(51) International classification :G06F 17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/007651
Filing Date :12/03/2004
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG JUNBIAO
3)VERMA SNIGDHA

No of Pages : 21
No of Claims : 18

(57) Abstract :
A system and method schedules downloading of content file|s from a cpntent server to a client through a cache server. A user can request 4 content file for future delivery at a certain time at a certain location such jas a hotspot. A cache server receives these requests and sorts them in in order which depends on the relative service times, and eliminates redundancies by only downloading content files not already stored in the ca|che server. A scheduling algorithm minimizes the instances of tardiness under the constraint of cache storage capacity.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2006

(21) Application No.5859/DELNP/2006 A
(43) Publication Date : 27/04/2007

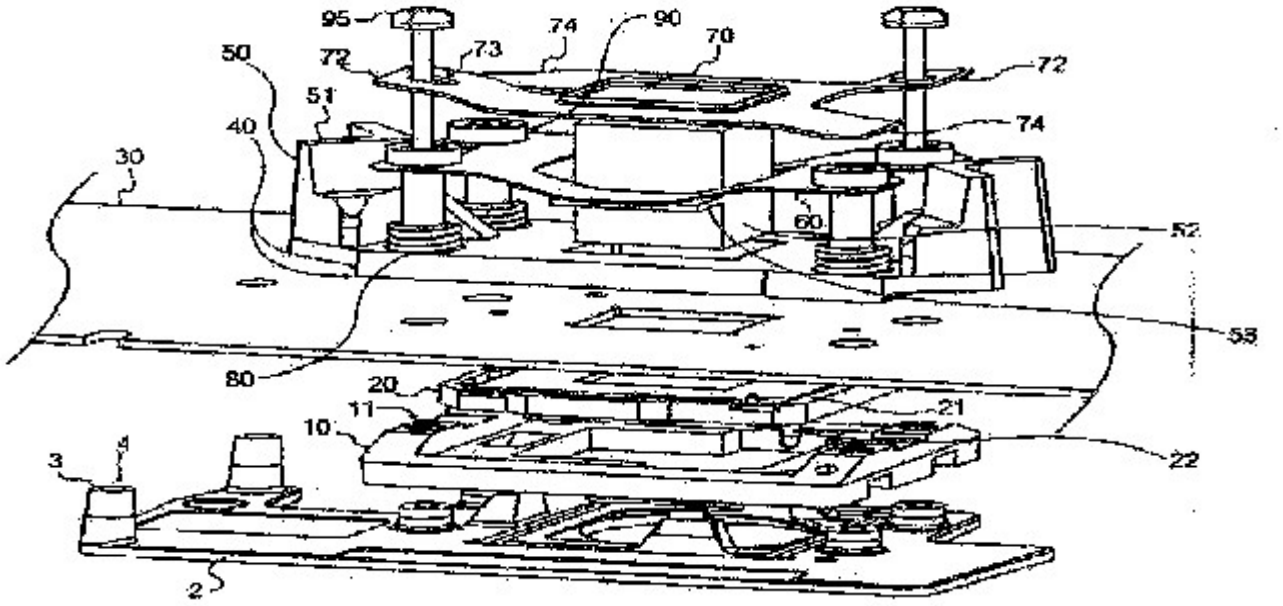
(54) Title of the invention : VIDEO PROCESSOR ALIGNMENT CLAMPING SPRING

(51) International classification :G03B 21/00
(31) Priority Document No :60/554,743
(32) Priority Date :19/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008261
Filing Date :11/03/2005
(87) International Publication No :WO 2005/094087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YODER MARK ALAN
2)POTTLER SCOTT ALLEN

No of Pages : 12
No of Claims : 13

(57) Abstract :
A clamping spring (70) formed of a sheet of resilient material having an interconnected plurality of alternating first and second tabs disposed around the periphery thereof is disclosed. The first tabs (72) being anjgled upwardly and having mounting slots (73) therein. The second tabs (74 j) being angles downwardly. A force applied to the first tabs provides a consistent controlled clamping force at the second tabs.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2005
(21) Application No.5860/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TOOL ORGANIZER SYSTEM AND METHODS

(51) International classification :A47F 7/00
(31) Priority Document No :10/465,412
(32) Priority Date :18/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/019724
Filing Date :18/06/2004
(87) International Publication No :WO 2004/113028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHOLEM, STEVEN

No of Pages : 22
No of Claims : 28

(57) Abstract :
In one aspect, tool organizer system has a flat sheet of magnetically attracted material that attracts magnets attached to tools to support the tools on the flat sheet. The system includes position indicators that can be attached at any orientation and position on the flat sheet. Neither the position indicators nor the tools are limited to particular positions or orientations such as by a repeating or incremental support structure on the flat sheet. Thus, the position indicators and tools can be grouped in closely abutting relation when desired for space saving organization. The system can be provided as a kit with one or more components. In another aspect, a method of organizing a set of tools provides for efficient use of space on an open flat sheet, provides for clear association between a tool and a previously selected position on the flat sheet, and avoids loss of tools by placing them in previously selected positions. In still another aspect, a method of making a tool organizer system includes making the system in accordance with requests from a customer. The requests can include a set of position indicators based on a particular set of tools to be stored and organized with the system. Furthermore, the method of making can be facilitated by providing options and receiving requests over the Internet.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2005
(21) Application No.5865/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CONSTRUCTION METHOD OF STEEL PIPE

(51) International classification :F16L 1/028
(31) Priority Document No :10-2003-0089657
(32) Priority Date :10/12/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003236
Filing Date :10/12/2004
(87) International Publication No :WO 2005/061936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LEE,SUNG SIK

No of Pages : 18
No of Claims : 6

(57) Abstract :
The construction method of a steel pipe is disclosed. The construction method of a steel pipe is capable of achieving an easier construction of a steel pipe and minimizing the construction period thereby in such a manner that neighboring steel pipes are roughly arranged at a construction site, and ends of the neighboring steel pipes are held using a shaper are externally pressurized in a radial direction for thereby achieving a perfect circle shape, and then the steel pipes are arranged in a straight line shape, and the ends of the steel pipes are arranged to abut with each other or are inserted each other, so that the conjunction portions of the inner or outer surface of the steel pipe are welded.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/02/2005

(21) Application No.588/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HYDROPHILIC REFLECTIVE ARTICLE"

(51) International classification :G02B 1/11
(31) Priority Document No :02/12820
(32) Priority Date :10/10/2002
(33) Name of priority country :France
(86) International Application No :PCT/EP2003/050692
Filing Date :06/10/2003
(87) International Publication No :WO 2004/034105
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 19

(57) Abstract :
The invention relates to a composite article, in particular a rear-view mirror for a motor vehicle, comprising a substrate (10), generally mode of glass, a reflective layer (20) composed of an oxidised or nitrided metal, possibly in an under-stoichiometric state, disposed on the front face (Figure 1) or on the rear face (Figure 2), The coating stack on the front face comprises a generally titanium dioxide-based layer (40) having photocatalytic properties, possibly covered by a fine hydrophiiic layer (50), in patticular composed of silicon oxide. The coating stack possibly comprises a barrier sub-layer (30). The article according to the invention advantageously has an attenuated reflection which can vary between 40 and 75%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5881/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF ORGANIC POLYSULFIDES AGAINST CORROSION ACID CRUDES"

(51) International classification :C10G 75/02
(31) Priority Document No :0403838
(32) Priority Date :13/04/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR05/000861
Filing Date :08/04/2005
(87) International Publication No :WO 2005103208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FRANCIS HUMBLOT

No of Pages : 13
No of Claims : 8

(57) Abstract :
Method of combating the corrosion caused by acids to the metal walls of a refining unit, comprising the use of a polysulphide having an alkyl radical containing between 2 and 5 carbon atoms.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006

(21) Application No.5882/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RECORDING OR PLAYBACK APPARATUS FOR OPTICAL RECORDING MEDIA WITH A LASER DIODE CIRCUIT"

(51) International classification :G11B 7/125
(31) Priority Document No :10 2004 023167.2
(32) Priority Date :07/05/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/051715
Filing Date :19/04/2005
(87) International Publication No :WO 2005/109417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)STEFFEN LEHIR,

No of Pages : 22
No of Claims : 10

(57) Abstract :
The invention relates to a recording or playback apparatus for optical recording media with a compatible laser diode circuit, which can be used both for controlling the light power of a multiple laser diode with a joint monitor diode (MD1) and for a number of lasers each with a monitor diode (MD1, MD2) respectively assigned to a laser. The compatible laser diode circuit has a small number of terminal contacts, which corresponds to the number of terminals (PI to P5) that is required as the minimum for a multiple laser diode with a joint monitor diode (MD1) . This is achieved by providing at a terminal (P3) a means for detecting the wiring of the laser diode circuit, the output of which is connected to a logic circuit which is intended for configuring the laser diode circuit in a way corresponding to the wiring. As a result, the laser diode circuit can, in spite of a small number of terminals,Â be used both for recording or playback devices for optical recording media with a multipleÂ laser diode and a joint monitor diode (MD1) and for recording or playback devices for optical recording media with a number of lasers each with a monitor diode (MD1, MD2) respectively assigned to a laser.

2/3

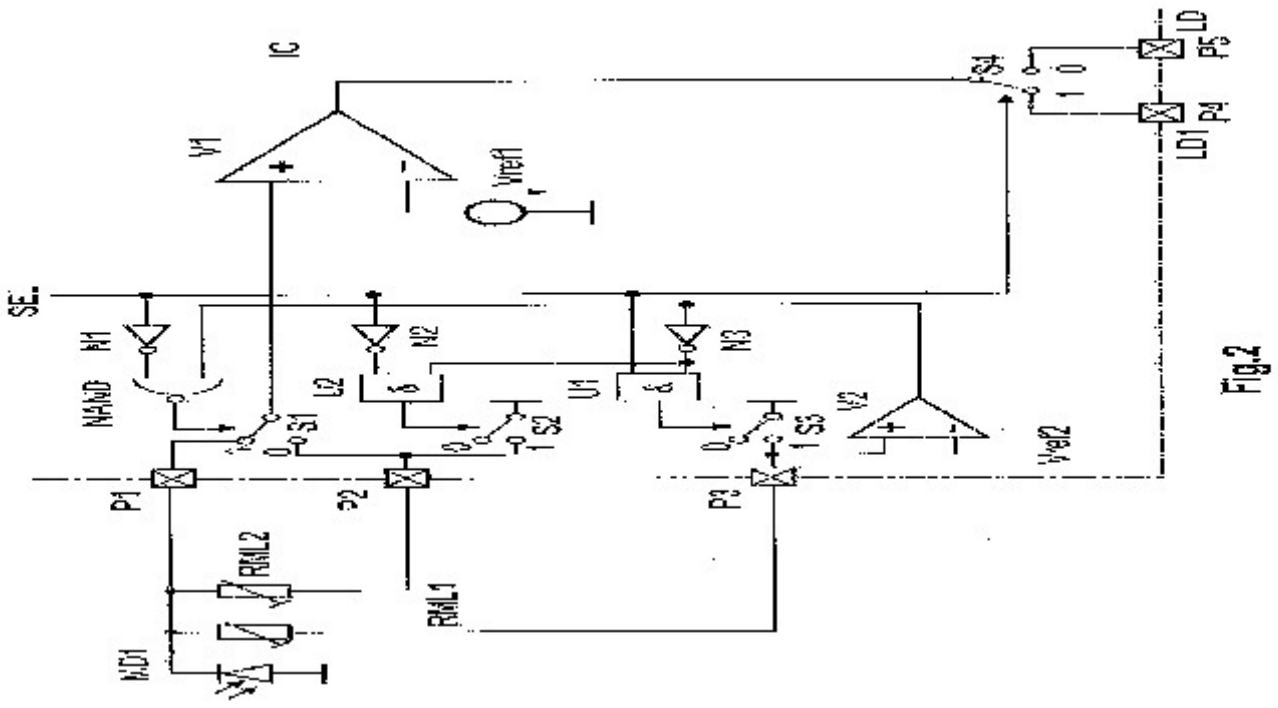


Fig.2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006

(21) Application No.5883/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AD-HOC COMMUNICATION NETWORK AND METHOD"

(51) International classification :H04L 12/28
(31) Priority Document No :0409473.6
(32) Priority Date :28/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2005/014193
Filing Date :24/04/2005
(87) International Publication No :WO 2005/107281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 10

(57) Abstract :
A method of controlling location information of subscribers (210, 212, 222) in a wireless, ad-hoc communications network (200). The network (200) comprises a plurality of nodes (204, 216, 226) , wherein at least portion of said nodes are provided with Home Location Registers (HLRs) (206, 218, 228) and each of said nodes (204, 216, 226) has a Visitor Location Register (VLR) (208, 220, 230). When an operation of a first node (216) is to be reconfigured at least a part of records from a first HLR (218) assigned to said first node (216) are transferred to at least one of the other nodes (226) of the network (200) .

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006

(21) Application No.5884/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TITANIUM DIOXIDE SCOURING MEDIA AND METHOD OF PRODUCTION"

(51) International classification :B28B 3/00
(31) Priority Document No :10/837,433
(32) Priority Date :30/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015005
Filing Date :29/04/2005
(87) International Publication No :WO 2005/108035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 20

(57) Abstract :
Round and spherical titanium dioxide scouring media and a method for producing the media are disclosed. The scouring media is effective in removing titanium dioxide buildup on the walls of a titanium dioxide reaction vessel. The method consists of forming green titanium dioxide pellets in a high intensity mixer by mixing commercially available titanium dioxide dust, water and a surfactant. The high intensity mixer produces substantially round, and spherical green pellets which are subsequently sized and sintered in a kiln to form round and spherical titanium dioxide sintered pellets that are suitable as a scouring media. The high intensity mixer allows the operator to closely control the size and shape of the pellets during the forming process to produce substantially round and spherical green pellets. Because the sintered titanium dioxide pellets are substantially round and spherical in shape, they are much less abrasive to the walls of the reaction vessel. Furthermore, as the pellets themselves abrade away, they do not contaminate the titanium dioxide product, and they can even be reprocessed into round and spherical scouring media.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5885/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR MANUFACTURING SPHERICAL ACTIVATED CARBON"

(51) International classification :A61K 33/44
(31) Priority Document No :2004-110577
(32) Priority Date :02/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/006623
Filing Date :04/04/2005
(87) International Publication No :WO 2005/095276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MIEKO KUWAHARA
4)HIROSHI OHTA

No of Pages : 29
No of Claims : 8

(57) Abstract :
A process for manufacturing a spherical activated carbon, characterized by comprising the steps of: (1) forming a spherical substance of a heat-fusible resin, (2) oxidizing the spherical substance of a heat-fusible resin to form a heat-infusible spherical substance, and (3) activating the heat-infusible spherical substance to form the spherical activated carbon is disclosed.Â According to the process for the manufacture, a spherical activated carbon having desirable properties, such as an average particle diameter, a particle size distribution, a pore volume, or a specific surface area, can be easily prepared.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5886/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND CIRCUIT FOR RECOVERING A CLOCK"

(51) International classification :G11B 20/10
(31) Priority Document No :10 2004 019045.3
(32) Priority Date :16/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003477
Filing Date :02/04/2005
(87) International Publication No :WO 2005/101403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHRISTOF BALLWEG

No of Pages : 11
No of Claims : 8

(57) Abstract :
Method and circuit for recovering a clock The present invention relates to a method for recovering a clock from a run-length-coded datal stream, said method making it possible for a phase-locked loop I to lock in a rapid manner, and also to a circuit for implementing the method.. .Â Â Â .Â Â ...Â Â Â Â j An inventive method for recovering a clock from! a run-length-coded data stream comprises the steps of|: ascertaining the distribution of symbol lehgths in the data stream for a chosen clock period;! determining the deviation of the maxima of! the distribution of symbol lengths from integer multiples of the chosen clock period; and regulating the chosen clock period on the basis of the deviation determined.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2005
(21) Application No.5887/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BIO-FILTER PAD FOR FACILITATING THE DETECTION OF AN OCCURRENCE OF A PHYSIOLOGICAL ACTION, AND METHOD THEREFOR, AND FETAL ACTIVITY MONITORING APPARATUS

(51) International classification :A61B 5/103
(31) Priority Document No :IL 151,029
(32) Priority Date :01/08/2002
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2003/000609
Filing Date :24/07/2003
(87) International Publication No :WO 2004/012598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAIM, BEN ZION
3)MEIROVICH, BARUCH
4)HAZAN, AVRI

No of Pages : 8
No of Claims : 16

(57) Abstract :
The present invention facilitates the detection of an occurrence of a physiological action imparting a displacement to a body part at a natural frequency signature by virtue of a bio-filter pad including a viscoelastic interior for intimate juxtapositioning against the body part, and having a mechanical resonance frequency midway in the range of the frequency signature associated with the physiological action.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006

(21) Application No.5887/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF ANTI-CYLA-4 ANTIBODIES"

(51) International classification :A61K 39/395
(31) Priority Document No :60/556,801
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000671
Filing Date :14/03/2005
(87) International Publication No :WO 2005/092380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)EILEEN ELLIOTT MUELLER
4)DENNIS ALAN NOE

No of Pages : 66
No of Claims : 15

(57) Abstract :
The invention relates to treatment of cancer in a mammal who has undergone stem cell transplantation by administering an effective amount of a human anti-CTLA-4 antibody to the mammal. Stem cell transplantation may be allogeneic or autologous stem cell transplantation and may be preceded by a preparatory treatment such as chemotherapy. The methods of the invention may be combined with additional cancer treatments. Further, the invention relates to treatment of cancer using at least 10 mg/kg of a human anti-CTLA-4 antibody, and, more preferably, about 15-20 mg/kg of antibody.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5888/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ADSORBENT FOR AN ORAL ADMINISTRATION AND AGENT FOR TREATING OR PREVENTING RENAL OR LIVER DISEASE"

(51) International classification :A61K 33/44
(31) Priority Document No :2004-110576
(32) Priority Date :02/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/006622
Filing Date :04/04/2005
(87) International Publication No :WO 2005/094845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MIEKO KUWAHARA

No of Pages : 62
No of Claims : 14

(57) Abstract :
An adsorbent for an oral administration, comprising a surface-modified spherical activated carbon wherein an average particle diameter is 50 to 200 urn, a specific surface area determined by a BET method is 700 m2/g or more, a bulk density is less than 0.54 g/mL, a total amount of acidic groups is 0.30 to 1.20 meq/g, and a total amount of basic groups is 0.20 to 0.9 meq/g is disclosed.Â The adsorbent for an oral administration has a high adsorbability, and is capable of adsorbing a large amount of toxins during a retention period in an intestine, and of remarkably reducing an amount of urinary proteins excretion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5889/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR CONTROLLING A DEVICE IN A NETWORK OF DISTRIBUTED STATIONS, AND NETWORK STATION"

(51) International classification :H04L 12/28
(31) Priority Document No :10 2004 018980.3
(32) Priority Date :20/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003937
Filing Date :14/04/2005
(87) International Publication No :WO 2005/104441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)INGO HUTTER

No of Pages : 22
No of Claims : 20

(57) Abstract :
When it is necessary to control a device which needs to interchange data on the basis of the UPnP-AV standard, the JAVA applet (55) first needs to know whether and, if so, which devices of the MediaRenderer or MediaServer type are present in the network. The JAVA security restrictions prevent the requests required for this purpose from being made from the JAVA applet (55), however. The invention implements an additional device ascertainment service (53) in the device (50) for control in order to make these requests possible. This device ascertainment service (53) communicates with the loaded JAVA applet (55) in the remote control device (30) using standard SOAP messages. It is thus possible to use the advantageous method of embedding a JAVA applet (55) into an HTML page (54) even to control UPnP-AV devices.

2/4

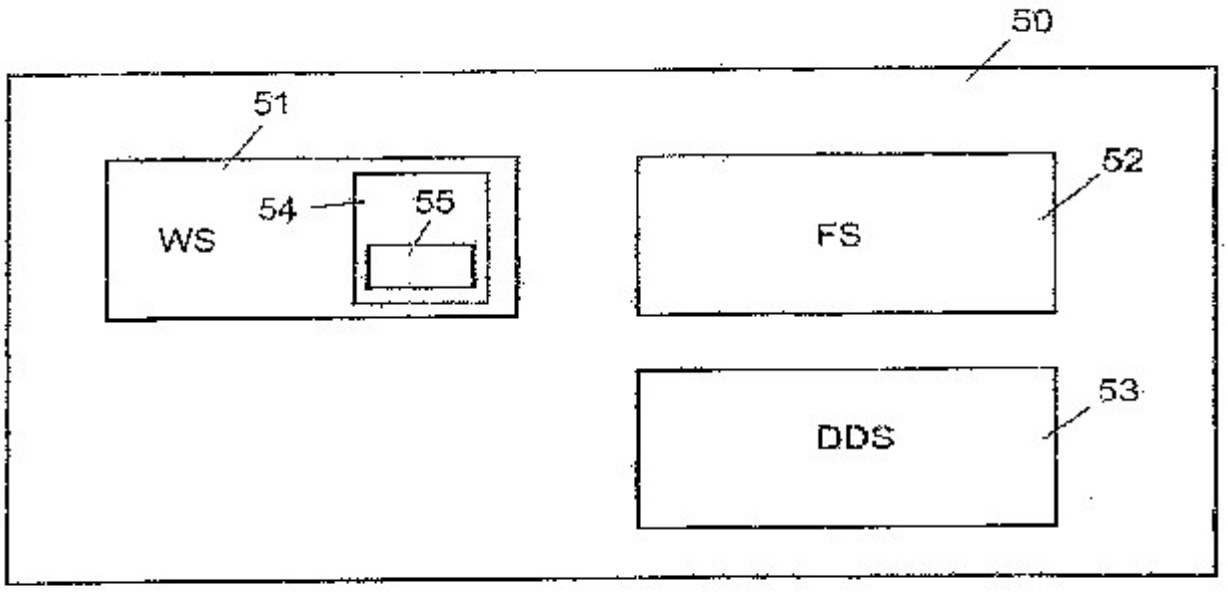


Fig.3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5890/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ATOMIC CARBON MATERIAL AND METHOD FOR PREPARATION THEREOF"

(51) International classification :C07
(31) Priority Document No :2004-111203
(32) Priority Date :05/04/2004
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 26
No of Claims : 5

(57) Abstract :
An atomic carbon material and a preparation method thereof having ion adsorption ability superior to fullerenes and nano-tubes are provided.Â This atomic carbon material is in a state existing as an organic compound and in a state close to an atom with a diameter of 1 nm or less (theoretically about 1.66 angstrom) , and is a bulk where they are congregated with each other with an interatomic force or a particle with a particle size of 1 nm or less.Â This atomic carbon material is manufactured by heating a raw material composed of an organic material which does not include carbon units in an inactive atmosphere at a predetermined temperature while sequentially increasing the temperature and by individually separating expected elements except for carbon in the aforementioned atmosphere and the organic Â material from being bonded with carbon by thermally decomposing in order from an element having a lower decomposition temperature at a temperature of 450 C or lower.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2006
(21) Application No.5891/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR CONTENT-BASED BILLING IN IP NETWORKS"

(51) International classification :H04J 3/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/05077
Filing Date :12/05/2004
(87) International Publication No :WO 2005/117342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TONI STADELMANN
2)WALTER HEUTSCHI
3)PETER ZBAREN
4)HANS ULRICH PAUL

No of Pages : 42
No of Claims : 18

(57) Abstract :
EN) The invention relates to a system for protecting a communications network comprising a transport network (3) and end-channel equipment (1) such as routers each connected to said transport network (3) by connecting sections wherein said protective system is provided with first and second protective systems. Said invention is characterised in that for each communications channel between two pieces of said end-channel equipment (1), the first protective system is activated when a failure is detected in said transport network (3) which emits a direct channel alarm message (AU-AIS) to equipment on the downstream end thereof, said second protective system is activated, after detection by end equipment of said channel (1) of a failure in the connection section connecting it to said transport network or when equipment (1) of the downstream end of said channel receives the direct or indirect alarm message (AU-AIS, AU-RDI) emitted by the transport network and the second protective system is activated, after reception of the direct alarm message (AU-AIS), with a delay longer than after detection of the failure on a second connection section between said transport network (3) and end-channel equipment (1). A protection method carried out by said protective system is also disclosed. (FR) La prÃ©sente invention concerne un systÃ¨me de protection d"un rÃ©seau de communication, ledit rÃ©seau de communication incluant un rÃ©seau de transport (3) et des Ã©quipements dits d"extrÃ©mitÃ© de conduit (1), tels que des routeurs, respectivement raccordÃ©s audit rÃ©seau de transport (3) par des sections de raccordement, ledit systÃ¨me de protection disposant d"un premier et d"un second systÃ¨mes de protection. Il est caractÃ©risÃ© en ce que, pour chaque conduit de communication entre deux desdits Ã©quipements d"extrÃ©mitÃ© de conduit (1), ledit premier systÃ¨me de protection est mis en oeuvre lors de la dÃ©tection d"un dÃ©faut dans ledit rÃ©seau de transport (3), ledit rÃ©seau de transport (3) Ã©mettant alors une alarme directe de conduit (AU-AIS) Ã destination de l"Ã©quipement (1) Ã l"extrÃ©mitÃ© aval dudit conduit; et ledit second systÃ¨me de protection est mis en oeuvre soit aprÃ¨s dÃ©tection, par l"un des Ã©quipements d"extrÃ©mitÃ© dudit conduit (1), d"un dÃ©faut sur la section de raccordement le raccordant audit rÃ©seau de transport, soit Ã la rÃ©ception, par l"Ã©quipement (1) Ã l"extrÃ©mitÃ© aval dudit conduit, dune alarme directe ou indirecte de conduit (AU-AIS, AU-RDI) Ã©mise par ledit rÃ©seau de transport (3); ledit second systÃ¨me de protection Ã©tant mis en oeuvre avec un retard plus important aprÃ¨s rÃ©ception dune alarme directe de conduit (AU-AIS) qu"aprÃ¨s dÃ©tection d"un dÃ©faut sur la section de raccordement entre ledit rÃ©seau de transport (3) et ledit Ã©quipement d"extrÃ©mitÃ© de conduit (1). La prÃ©sente invention concerne Ã©galement un procÃ©dÃ© de protection qui est mis en oeuvre par ledit systÃ¨me de protection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2002

(21) Application No.60/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPACT TANK ARRANGEMENT FOR TWO OR THREE-WHEELED VEHICLES"

(51) International classification	:B60K 26/00
(31) Priority Document No	:MI2001U 000056
(32) Priority Date	:01/02/2001
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALESSANDRO BAGNOLI

No of Pages : 11

No of Claims : 9

(57) Abstract :
A compact tank arrangement for two or three-wheeled vehicles designed to receive a liquid from an inlet (19) and deliver the liquid from an outlet (15), comprising a tank (12, 12a, 12b) , provided with inlet (19) and outlet (15), fitted and inserted so that it can be removed in a portion of hollow tubular frame (13) of the vehicle, the portion of frame (13) being provided with an aperture (34) for the insertion of a pipe union (20) for liquid intake in which the inlet (19) also acts as centering hole for positioning of the pipe union (20) in the tank.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6009/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESSES FOR PRODUCING 1-BENZYL-4-[(5,6-DIMETHOXY-1 INDANON)-2-YL] METHYLPIPERIDINEANDHYDROCHLORIDE THEREOF"

(51) International classification :B01J 25/02
(31) Priority Document No :2004-133277
(32) Priority Date :28/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP05/008028
Filing Date :27/04/2005
(87) International Publication No :WO 2005/105742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKIO IMAI,HIROSHI NISHIMURA

No of Pages : 33
No of Claims : 15

(57) Abstract :
Processes for prepering l-benzyl-4-[(5,6-dimethoxy-lindanon)-2-yl]methylpiperidine (donepezil), which is useful as an intermediate for medicines, and for producing l-benzyl-4-[(5,6-dimethoxy-l-indanon)-2-yl]methylpiperidine hydrochloride (donepezil hydrochloride), which is useful as a medicine.Â The process for donepezil hydrochloride production comprises catalytically hydrogenating the compound represented by the structural formula (III) [1-benzyl-4- [(5,6-dimethoxy-lindanon)-2-yli- dene]methylpiperidine] with a Raney nickel catalyst under mild conditions and subsequently treating it with hydrochloric acid.Â Thus, impurities are further diminished.Â The operations are simple and the process is suitable for industrial production.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6011/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PREPARING CARBOXYLIC ACIDS AND DERIVATIVES THEREOF"

(51) International classification :C07C 51/12
(31) Priority Document No :0409490.0
(32) Priority Date :28/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB05/001202
Filing Date :24/03/2005
(87) International Publication No :0 030 110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WARREN JOHN SMITH

No of Pages : 15
No of Claims : 23

(57) Abstract :
Preparation of an aliphatic carboxylic acid having (n+l) carbon atoms, where n is an integer up to 6, and/or an ester or anhydride thereof may be achieved by contacting an aliphatic alcohol having n carbon atoms and/or a reactive derivative thereof with carbon monoxide substantially in the absence of the halogens or derivatives thereof at a temperature in the range 250-600Â°C and at a pressure in the range 10 to 200 bars, in the presence of a catalyst consisting essentially of a mordenite which has, as framework elements, silicon, aluminium and one or more of gallium, boron and iron, and which has been ion-exchanged or otherwise loaded with copper, nickel, iridium, rhodium or cobalt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6012/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DATA COMMUNICATION SYSTEM, AGENT SYSTEM SERVER, COMPUTER PROGRAM, AND DATA COMMUNICATION METHOD

(51) International classification :H04B 7/26
(31) Priority Document No :2005-058868
(32) Priority Date :03/03/2005
(33) Name of priority country :Japan
(86) International Application No :JP06/303749
Filing Date :28/02/2006
(87) International Publication No :WO 2006/093148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FELICA NETWORKS INC
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(72)**Name of Inventor :**
1)KOTA TOKUNO AND TOMOHARU HIKITA

No of Pages : 105
No of Claims : 15

(57) Abstract :
In a data communication system, a portable communication terminal is authenticated by an agent system (105) including an authentication unit (225), a decision unit (225) and a communication unit (235).Â The authentication unit (215) is adapted to perform, based on granted license information received from the portable communication terminal, at least one of a system authentication process to authenticate the service providing system based on a system authentication key, a first client authentication process to authenticate the portable communication terminal based on a client authentication key, and a second client authentication process to authenticate the portable communication terminal based on identification information identifying the portable communication terminal. The decision unit (225) is adapted to, after the Â Â authentication is completed, determine whether to permit Â Â communication, based on the license described in the granted Â license information.Â The communication unit (235) is Â adapted to, if communication is permitted, perform the communication process with the noncontact 1C card module.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006

(21) Application No.6024/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BIOACTIVE STENTS FOR TYPE II DIABETICS AND METHODS FOR USE THEREOF"

(51) International classification :A61F 2/00
(31) Priority Document No :60/559,937
(32) Priority Date :05/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011231
Filing Date :04/04/2005
(87) International Publication No :WO 2005/097186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TURNELL, WILLIAM, G
3)DEFIFE, KRISTEN,M
4)GRAKO, KATHRYN,A

No of Pages : 88
No of Claims : 71

(57) Abstract :
The present invention is based on the discovery that a vascular stent or other implantable medical device can be coated with a biodegradable biocompatible polymer to which is attached a bioligand that specifically captures progenitors of endothelial cells (PECs) from the circulating blood to promote endogenous formation of healthy endothelium in Type II diabetics. In one embodiment, the bioligand is a peptide that specifically binds to an integrin receptor on PECs. The invention also provides methods for using such vascular stents and other implantable devices to promote vascular healing in Type n diabetics, for example following mechanical intervention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6025/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GPU MULTI-LABEL IMAGE SEGMENTATION"

(51) International classification :G06T 5/00
(31) Priority Document No :60/561,169
(32) Priority Date :09/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011400
Filing Date :06/04/2005
(87) International Publication No :WO 2005/101310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GRADY LEO

No of Pages : 26
No of Claims : 18

(57) Abstract :
A method for image segmentation includes specifying seed points in an image of interest, the seed points corresponding to a node in a seed texture, each seed point having a different color. The method including neighboring edge weights of each node, and determining a probability that: a node can be characterized as each seed point. The method includes assigning the node the color of a most probable seed point, and outputdng a segmentation of the image of interest according to node assignments, wherein the segmentation differentiates portions of the image of interest.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6026/DELNP/2006 A
(43) Publication Date : 27/04/2007

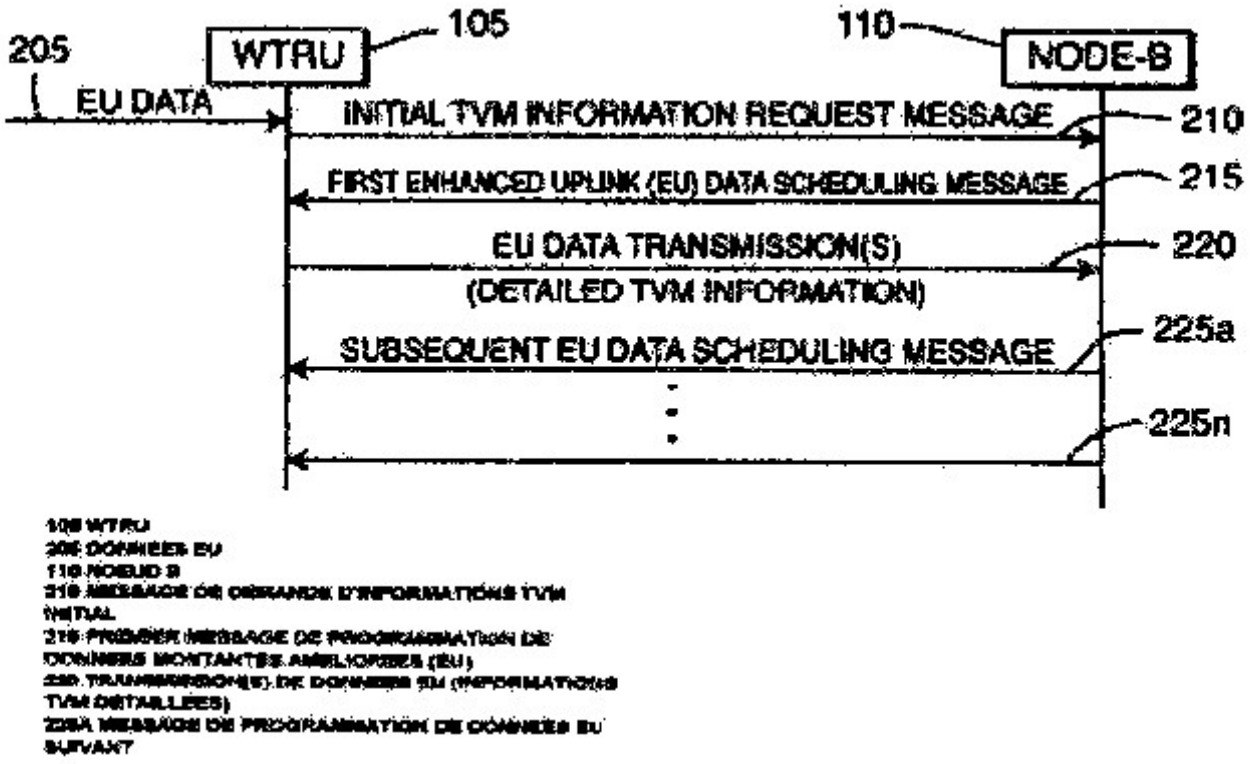
(54) Title of the invention : WIRELESS COMMUNICATION METHOD AND APPARATUS FOR REPORTING TRAFFIC VOLUME MEASUREMENT INFORMATION TO SUPPORT ENHANCED UPLINK DATA TRANSMISSIONS

(51) International classification :H04L 12/56
(31) Priority Document No :60/557,974
(32) Priority Date :31/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007318
Filing Date :07/03/2005
(87) International Publication No :WO 2005/104461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TERRY, STEPHEN, E
3)DICK, STEPHEN, G

No of Pages : 23
No of Claims : 51

(57) Abstract :
A wireless communication method and apparatus for reporting traffic volume measurement (TVM) information used to support enhanced uplink (EU) data transmissions between a wireless transmit/receive unit (WTRU), i.e., a mobile station, and a Node-B. After storing EU data in a buffer, the WTRU sends an initial TVM information request message to the Node-B indicating that the WTRU has EU data available to send to the Node-B. In response, the Node-B schedules one or more allowed EU data transmissions. The WTRU transmits at least a portion of the stored EU data to the Node-B via the allowed EU data transmissions. In one embodiment, the initial TVM information request message is sent by the WTRU only after the quantity of EU data stored in the buffer of the WTRU exceeds an established threshold. Otherwise, all of the stored EU data is transferred to the Node-B without requiring scheduling by the Node-B.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006

(21) Application No.6027/DELNP/2006 A
(43) Publication Date : 27/04/2007

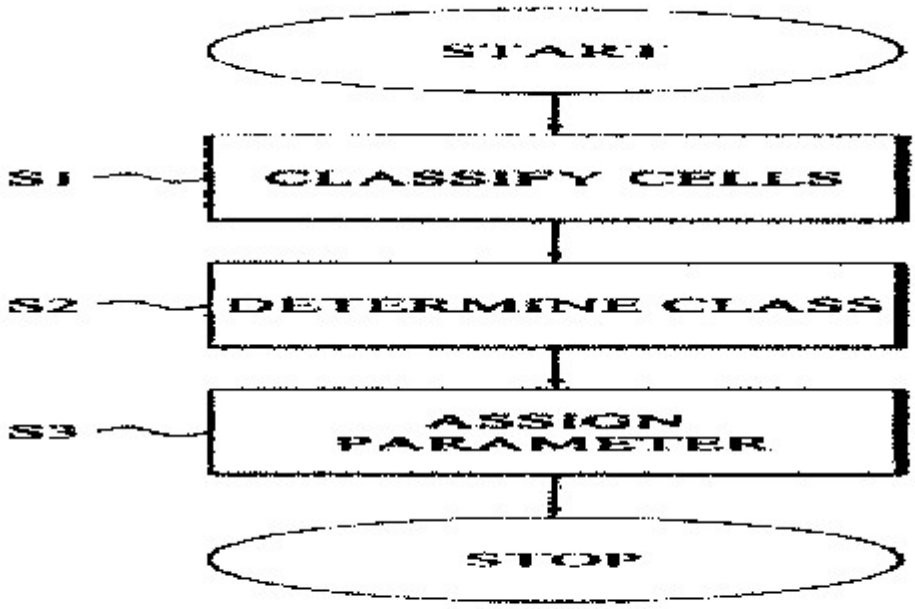
(54) Title of the invention : METHODS OF AND APPARATUSES FOR CELL-DIFFERENTIATED HANDOVER IN A MOBILE COMMUNICATIONS SYSTEM

(51) International classification	:H04Q 7/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2004/000490
Filing Date	:30/03/2004
(87) International Publication No	:WO 2005/096657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)HAGERMAN, BO

No of Pages : 54
No of Claims : 37

(57) Abstract :
The present invention relates to handover procedures in a cellular communications system (1). The cells (10-70) of the system (1) are divided into multiple handover-related classes based on their respective radio coverage characteristics. Each such cell class is then associated with a unique handover parameter or a unique set of parameters that are used in handover procedures involving the cells (10-70). The parameter values are adapted for the radio coverage characteristics of each cell class in order to generate a suitable handover region size of the cells (10-70). The handover parameters are used together with user equipment-assisted signal quality measurements for triggering the handover procedures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006

(21) Application No.6028/DELNP/2006 A
(43) Publication Date : 27/04/2007

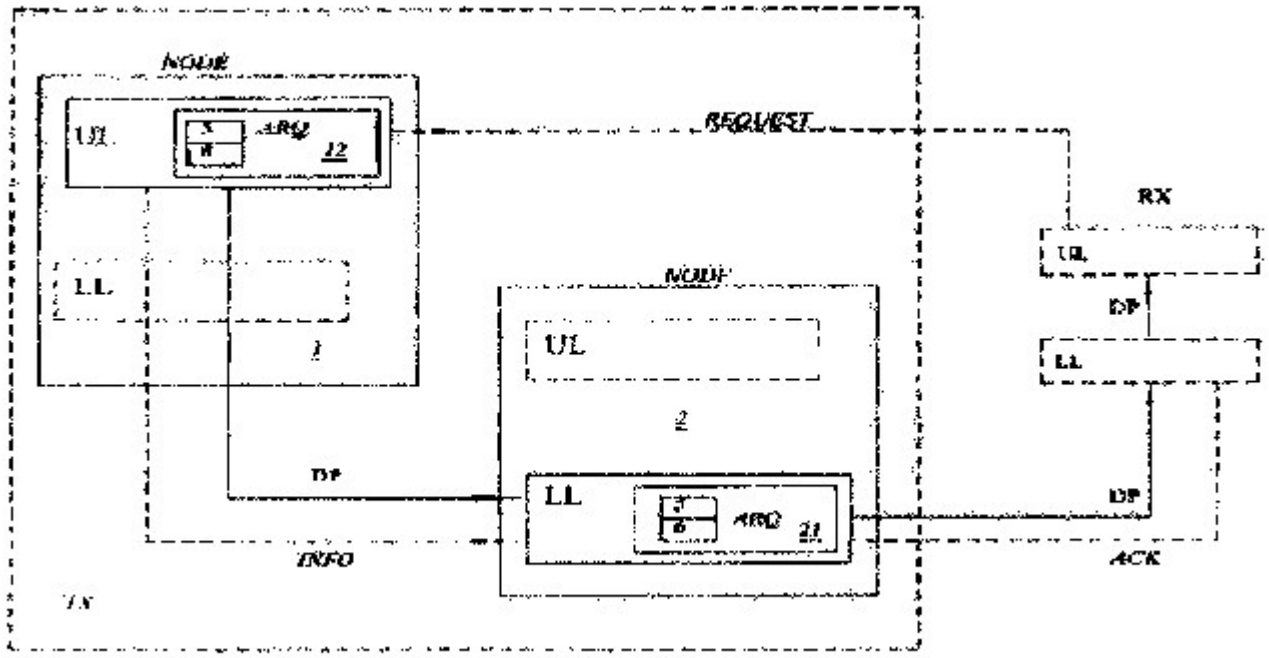
(54) Title of the invention : A METHOD AND AN ARRANGEMENT FOR AVOIDING UNNECESSARY RETRANSMISSIONS

(51) International classification	:H04L 12/56
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2004/000499
Filing Date	:31/03/2004
(87) International Publication No	:WO 2005/096570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 45
No of Claims : 24

(57) Abstract :
A method and an arrangement for avoiding unnecessary retransmissions in a packet-based radio-communication network by exchanging transmission state information between retransmission functionality entities (12, 21) located at respective protocol layers in different network nodes (1,2), and performing inter-layer coordination of retransmissions between the network nodes (1,2) based on the exchanged transmission state information to provide a more efficient overall scheme for retransmissions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6029/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TREATMENT OF POLYCHONDRITIS AND MONONEURITIS MULTIPLEX WITH ANTI-CD20 ANTIBODIE

(51) International classification :A61K 39/395
(31) Priority Document No :60/563,227
(32) Priority Date :16/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012961
Filing Date :15/04/2005
(87) International Publication No :WO 2005/115453
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 167
No of Claims : 22

(57) Abstract :
The present invention concerns treatment of polychondritis or mononeuritis multiplex in a mammal with an effective amount of an antibody that binds to CD20, optionally also with another agent that treats such disorders in an effective amount.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6030/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR FORMING AMORPHOUS ATORVASTATIN CALCIUM

(51) International classification :C07D 207/34
(31) Priority Document No :60/562,948
(32) Priority Date :16/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB05/000884
Filing Date :04/04/2005
(87) International Publication No :WO 2005/100313
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PETER ROBERT ROSE ANDJASON ALBERT LEONARD

No of Pages : 17
No of Claims : 23

(57) Abstract :
Forming amorphous atorvastatin comprises the steps of dissolving atorvastatin in a solvent to form a solution, followed by adding the solution to a mixture comprising a non-solvent and a hydroxylic solvent to afford amorphous atorvastatin.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6031/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CARBOLINE DERIVATIVES USEFUL IN THE INHIBITION OF ANGIOGENESIS"

(51) International classification :A61K 31/437
(31) Priority Document No :US2005/008481
(32) Priority Date :19/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008481
Filing Date :19/04/2005
(87) International Publication No :WO 2005/089764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)QI HONGYAN
5)CHOI SOONGYU
6)LENNOX WILLIAM JOSEPH
7)CORSON DONALD THOMAS
8)HWANG SEONGWOO

No of Pages : 202
No of Claims : 35

(57) Abstract :
In accordance with the present invention, compounds that inhibit the expression of VEGF post-transcriptionally have been identified, and methods for their use provided. In one aspect of the invention, compounds useful in the inhibition of VEGF production, in. the inhibition of angiogenesis, and/or in the treatment of cancer, diabetic retinopathy or exudative macular degeneration are provided. In another aspect of the invention, methods are provided for the inhibition of VEGF production, the inhibition of angiogenesis, and/or the treatment of cancer, diabetic retinopathy or exudative macular degeneration using the compounds of the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6032/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PATTERNED ELECTRODES FOR ELECTROACTIVE LIQUID-CRYSTAL OPHTHALMIC DEVICES"

(51) International classification :G02F1/1343
(31) Priority Document No :60/562,203
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US205/012216
Filing Date :11/04/2005
(87) International Publication No :WO 2005/101111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 25

(57) Abstract :
Provided is an electroaclivc device comprising: a liquid crystal layer enclosed between a pair of transparent sub->tcs; one or more patterned electrode sets positioned between the liquid crystal layer and the inward-facing surface of the first isparent substrate, said patterned electrode sets each comprising two or more electrodes forming an opposing pattern, said elec-ics separated by an insulating layer, wherein there is no horizontal gap between the electrodes forming the patterned electrode and a conductive layer between the liquid crystal layer and the inward-facing surface of transparent substrate. The â€¢ice provides greater efficiency than conventional devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6033/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'SYSTEM AND METHOD FOR DECODING DIGITAL ENCODED IMAGES"

(51) International classification :G06K 9/00
(31) Priority Document No :60/565,300
(32) Priority Date :26/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013069
Filing Date :18/04/2005
(87) International Publication No :WO 2005/109311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ALASIA THOMAS C;
4)CVETKOVIC SLOBODAN

No of Pages : 45
No of Claims : 32

(57) Abstract :
A method is presented for decoding an encoded image produced from a primary image and at least one secondary image using at least one encoding parameter. The encoded image is formed so that when the encoded image is printed, the secondary image is not discernible to a viewer without an optical decoding device having characteristics corresponding to the at least one encoding parameter. The method comprises obtaining a digital version of the encoded image, determining the at least one encoding parameter, and constructing a decoded image from the digital encoded image using al least one of the encoding parameters in the encoding parameter set.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6034/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR MAKING A TWO-DIMENSIONAL HELICAL FIBRE WEB"

(51) International classification :B32B 5/26
(31) Priority Document No :0404310
(32) Priority Date :23/04/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000973
Filing Date :24/11/2005
(87) International Publication No :WO 2005/111292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 46
No of Claims : 41

(57) Abstract :
A transverse fiber sheet (102) is lapped by being guided in a substantially radial direction back and forth along a path between circumferentially outer and inner edges of the sheet, with the transverse sheet (202) being reversed at each end of its path, the width of the transverse sheet being narrowed between the outer circumferential edge and the inner circumferential edge, the transverse sheet being held in place as it is lapped. Substantially mutually parallel yarns or tows (204) are pulled to form a helical longitudinal sheet (202) of density per unit area that decreases between its outer edge and its inner edge. The transverse sheet and the helical longitudinal sheet are superposed and advance continuously in flat rotation, and they are assembled together to form a helical two-dimensional sheet (402) which is removed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6035/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'PRODUCING METHOD OF (METH) ACRYLIC ACID OR (METH) ACROLEIN'

(51) International classification :C07B 61/00
(31) Priority Document No :2004-108736
(32) Priority Date :01/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/016292
Filing Date :27/10/2004
(87) International Publication No :WO 2005/100293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)TAKASAKI KENJI
5)JINNO KIMIKATSU

No of Pages : 32
No of Claims : 2

(57) Abstract :
The problem of the invention is to provide a producing method of (meth)acrolein or (meth)acrylic acid where by use of a multi-tubular reactor that has a plurality of reaction tubes filled with a catalyst, catalytic gas phase oxidation of propylene, propane, isobutylene or (meth) acrolein is carried out in the presence of a composite oxide catalyst by use of molecular oxygen or a gas containing molecular oxygen, in which method (meth) acrolein or (meth) acrylic acid can be obtained stably in high yield for a long period of time without allowing the activity of the catalyst to decrease locally (disproportionately) and extremely. The present invention involves a method in which temperature difference between a temperature of a heat medium at the beginning of operation and a peak temperature of the catalyst is set in * a â€¢ range af Z&-to 80Â°C, and during operations a change of the peak temperature T of the catalyst in a tube axis direction is maintained in a definite range.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6036/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SENSOR CONSTRUCTS AND DETECTION METHODS"

(51) International classification :C07K 1/00
(31) Priority Document No :60/554,313
(32) Priority Date :17/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008833
Filing Date :17/03/2005
(87) International Publication No :WO 2005/089409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SU,WEI,WEN

No of Pages : 40
No of Claims : 16

(57) Abstract :
Sensor constructs 10 for detecting the presence of an analyte 60 in a sample comprise a molecular scaffold 20, a pair of labels 40, 50 which interact via Fb"rster resonance energy transfer, and at least one molecular recognition domain 30. When the analyte 60 is bound by the molecular recognition domain 30, the Forster resonance energy interaction between the pair of labels 40, 50 is disrupted, resulting in a changed optical signal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.6037/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD FOR APPLYING A RFID TAG CARRYING LABEL ON AN OBJECT"

(51) International classification :G06K 19/077
(31) Priority Document No :0407912.6
(32) Priority Date :22/10/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/010497
Filing Date :28/09/2005
(87) International Publication No :WO 2006/045395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)HORN,KLAUS

No of Pages : 39
No of Claims : 42

(57) Abstract :
The present invention refers to a label comprising a pasting part for pasting said label to an object and comprising an electronic device preferably for a radio frequency identification (RFID). In order to improve such a label, it is suggested that the electronic device is pivotably connected to said pasting part.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6038/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND DEVICE FOR TRANSMITTING A SIGNAL IN A MULTI-ANTENNA SYSTEM, SIGNAL, AND METHOD OF ESTIMATING THE CORRESPONDING TRANSMISSION CHANNELS"

(51) International classification :H04L 1/06
(31) Priority Document No :04 364 035.8
(32) Priority Date :23/04/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/FR2005/000965
Filing Date :19/04/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)AUFFRAY JEAN MICHEL
5)HELARD JEAN FRANCOIS

No of Pages : 32
No of Claims : 21

(57) Abstract :
The invention pertains to a method for transmitting a digital signal via n transmit antennas, n being strictly greater than 2, in which n source vectors to be transmitted respectively by each of said transmit antennas are associated with a source data vector by means of an encoding matrix M of rate equal to 1, using reference symbols known to at least one receiver and enabling this receiver to estimate at least three transmission channels respectively corresponding to each of *Â Â â€¢ said transmit antennas, According to the invention, said reference symbols undergo a mathematical transformation by said encoding matrix M before they are transmitted. Figure1A.

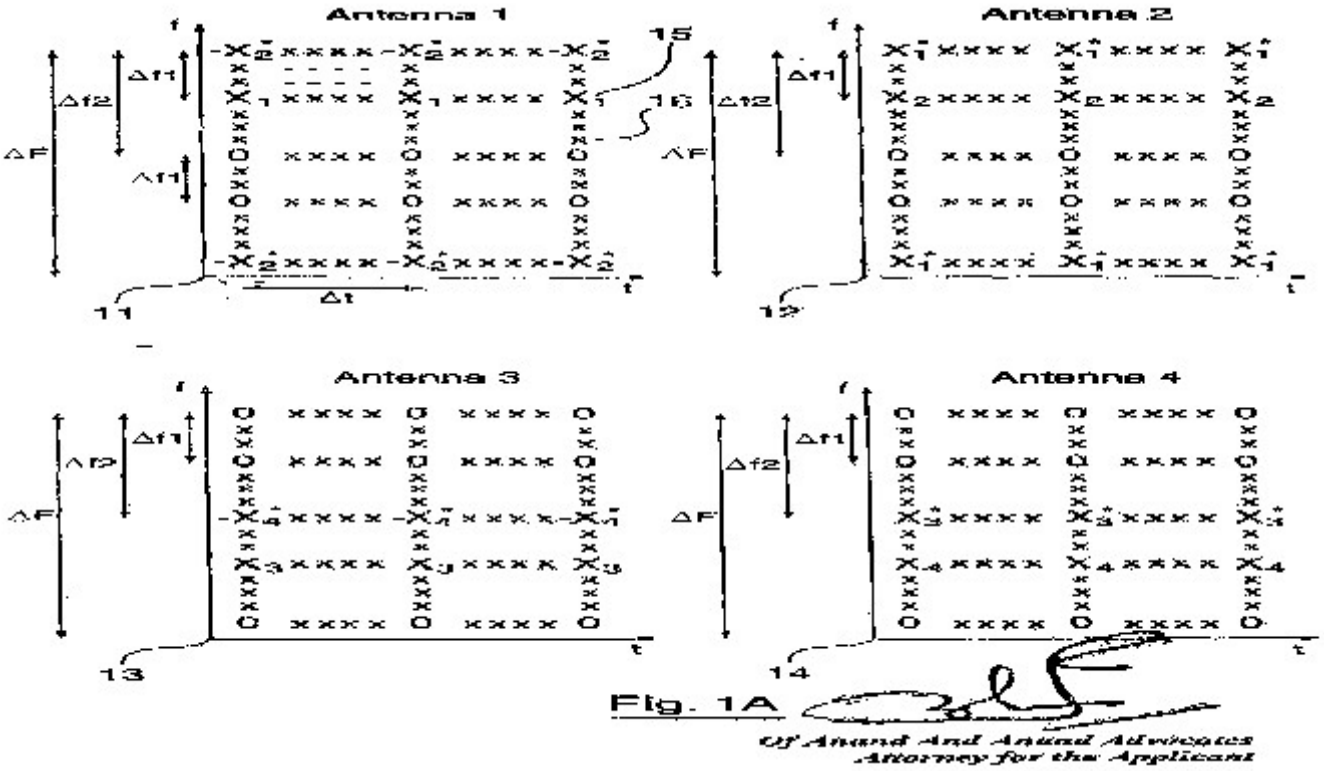


Fig. 1A

Of Anand And Anand Advocates
Attorney for the Applicant

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6039/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMMUNOMODUATING AGENT, ANTI-CANCER AGENT AND HEALTH FOOD CONTAINING MONACETYDIACYLGLYCEROL DERIVATIVES

(51) International classification :A61K 31/22
(31) Priority Document No :10-2004-0028514
(32) Priority Date :24/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001175
Filing Date :22/04/2005
(87) International Publication No :WO 2005/112912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 50
No of Claims : 13

(57) Abstract :
The uses of mono acetyl diacyl glycerol derivatives extracted from deer antler for immunomodulating agent disclosed. Medical supplies and health foods containing the same as an effective ingredient also disclosed. Mono acetyl diacyl glycerol derivatives shows significantly effect for immuno modulation including immune enhancing. In the case of inducing cancer in a hamster by injecting cancer cell line, cancer development was delayed by activating lymphocytes, monocytes, and dendritic cells that are important factors to promote immunity and apoptosis of cancer cell was induced by promoting cytotoxicity of immune cell against caner cell. Also in the case of mouse induced septic shock, it shows 100% survival rate even after lapse of 120 hours by control of immune function and suppression effect of apoptosis. Therefore, mono acetyl diacyl glycerol derivatives according to the present invention can be effectively used for an immunomodulating agent, a sepsis treatment, a cancer treatment, and a health food for an immune modulation or the prevention of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6040/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BAG FORMED BY A SET OF DETACHABLE BAGS"

(51) International classification :B65F 1/06
(31) Priority Document No :PI0400096 0
(32) Priority Date :23/03/2004
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2005/000032
Filing Date :14/03/2005
(87) International Publication No :WO 2005/090206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 5

(57) Abstract :
The invention relates to a bag (1) formed of multiple detachable bags (10) (9) (8) (7) (6) (5), forming a set (1) where each of them is within the subsequent ones, except the external one (5). The set is designed to be used mainly in places where grit/dirt is accumulated and/or collected, both in hydraulics plants as well as in isolated places, such as, e.g., trash cans and temporary toilets. The set is also suitable for places of manual separation of articles. The invention solves the difficulties of the initial steps of the placement of the bags and reduces the amount of working time of those who perform the maintenance operations with great benefits, both for cost reasons and uncomfortable human body position. The set (1) is placed in its proper place and, afterwards the innermost bag (10) is removed, which takes whatever is within it, while the place is immediately ready to the next use, which will end with the removal of the next bag (5); thus successively until all the bags have been used.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6041/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "EXPRESSION OF FATTY ACID DESATURASES IN CORN"

(51) International classification :C12N 15/82
(31) Priority Document No :60/563,135
(32) Priority Date :16/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012778
Filing Date :15/04/2005
(87) International Publication No :WO 2005/102310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 59
No of Claims : 33

(57) Abstract :
The invention rdaics generally to the expression of dosaiurnsc en/.ymcs in Iransgenic corn plants and compositions derived therefrom. In particular, the invention relates to the production of oils with improved omega-3 fatty acid profiles in corn piitnlx and llie seed nils produced thereby. Such oils may contain slcaridonic acid, which is not naturally found in com plants and has been shown to have beneficial effects on health.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6042/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PRIMARY AND OFFSET ACTUATOR ROCKER ARMS FOR ENGINE VALUE ACTUATION"

(51) International classification :F01L 9/02
(31) Priority Document No :60/568,231
(32) Priority Date :06/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015675
Filing Date :06/05/2005
(87) International Publication No :WO 2005/107418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZDENEK MEISTRICK

No of Pages : 60
No of Claims : 59

(57) Abstract :
Systems and methods for actuating engine valves are disclosed, The systems may include primary and auxiliary rocker arms disposed adjacent to each other on a rocker ami shaft. The primary rocker arm may actuate an engine valve for primary valve actuation motions, such as main exhaust events, in response to an input from a first vafve train element, such as a cam. The auxiliary rocker arm may receive one or more auxiliary valve actuation motions, such as for engine braking, exhaust gas recirculation, and/or brake gas reciroulation events, from a second valve tram element A hydraulic actuator piston may be disposed betweeh the auxiliary rocker arm and the primary rocker arm. The actuator piston may be selectively locked into an extended position between tne primary and auxiliary rocker arms so as to selectively transfer one or more auxiliary valve actuation motions from the auxiliary rocker arm to the primary rocker

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6043/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VALVE ACUTATION SYSTEM WITH VALVE SEATING CONTROL"

(51) International classification :F01L 9/02
(31) Priority Document No :10/826,404
(32) Priority Date :19/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012375
Filing Date :13/04/2005
(87) International Publication No :WO 2005/106215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 20

(57) Abstract :
A variable valve actuation system to actuate and control the seating velocity of an internal combustion engine valve is disclosed. The system comprises: a housing; a lost motion system disposed in the housing; a rocker arm having a first contact surface, a second contact surface, and a third contact surface, the first contact surface operatively contacting the engine valve, and the second contact surface operatively contacting the lost motion system; and a valve seating device disposed in the housing, operatively contacting the third contact surface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6044/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CONCURRENT SULFUR DIOXIDE OXIDATION PROCESS AND ITS USE IN MANUFACTURE OF TETRABROMOPHETHALIC ANHYDRIDE"

(51) International classification	:C01B 17/76
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/012861
Filing Date	:27/04/2004
(87) International Publication No	:WO 2005/113430
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)DAVID M. ARMSTRONG

No of Pages : 39
No of Claims : 37

(57) Abstract :
Sulfur trioxide is formed by a process wherein a first gaseous stream comprised of SO}, SO], and oxygen and/or air is passed into a bed of a vanadium-containing catalyst that oxidizes SO, to SO, and that releases therefrom a second gaseous stream comprised of sulfur trioxide. This process is improved in a first case by providing vaporized sulfur in the first gaseous stream so that the resultant mixture passes through a substantial portion of the catalyst bed, and tngi^tajnipg the catalyst bed at one or more temperatures hi the range of about 450 to about 700Â°C. The sulfur is oxidized to SO2. As a result, the second gaseous stream released from the downstream end portion of the catalyst bed has an enriched content of sulfur trioxide, which can be used for production of compounds such as tetrabromophthalic anhydride, hi a second case, a stream of sulfur dioxide is generated from sulfur and an oxidant, and this stream is introduced into the first gaseous stream referred to above, hi mis second case, the feed of sulfur dioxide replaces the vaporized sulfur used in the first case. As in die first case, an enriched stream of sulfur trioxide is released from the downstream end of the catalyst and can be used for producing compounds such as tetrabromophthalic anhydride.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6045/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PREPARATION OF CANDESARTAN CILEXETIL IN HIGH PURITY"

(51) International classification :C07D 471/04
(31) Priority Document No :60/568,649
(32) Priority Date :05/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/034293
Filing Date :15/10/2004
(87) International Publication No :WO 2005/111021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BORIS FEDOTEV
4)BEN-ZION DOLITZKY

No of Pages : 11
No of Claims : 10

(57) Abstract :
Amine compounds are disclosed that have a formula represented by the following: (I) The compounds may be prepared as pharmaceutical compositions, and may be used for the prevention and treatment of a variety of conditions in mammals including humans, including by way of non-limiting example, pain, inflammation, traumatic injury, and others.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6046/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS AND APPARATUS FOR CREATION AND TRANSPORT OF MULTIMEDIA CONTENT FLOWS"

(51) International classification	:H04L 29/06
(31) Priority Document No	:60/564,467
(32) Priority Date	:21/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014113
Filing Date	:21/04/2005
(87) International Publication No	:WO 2005/107216
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RANGANATHAN KRISHNAN

No of Pages : 37
No of Claims : 73

(57) Abstract :
The system executes a method for transporting a content flow to a wireless access network for broadcast to devices coupled to the wireless access network. The method exists on transmitting a request message to add the content flow to the wireless access network, wherein the request message includes a scheduled delivery time, receiving a response message indicating that the content flow will be added to the wireless access network, waiting until the scheduled delivery time, and delivering the content flow to the wireless access network. The system allows to broadcast multimedia over common networks at higher speeds without entailing costs as known from specialist network

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6047/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR THE TREATMENT OF PREMENSTRUAL AND OTHER FEMALE SEXUAL DISORDERS"

(51) International classification :A61K 31/496
(31) Priority Document No :60/564,660
(32) Priority Date :22/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/004086
Filing Date :18/04/2005
(87) International Publication No :WO 2005/102343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 9

(57) Abstract :
The invention relates to a method for the treatment of premenstrual and other female sexual disorders comprising the administration of a therpeutically effective amount of flibanserin.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6048/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF SEXUAL DISORDERS II

(51) International classification :A61K 31/496
(31) Priority Document No :60/564,662
(32) Priority Date :22/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :EP05/004081
Filing Date :18/04/2005
(87) International Publication No :WO 03/035072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT PYKE
3)WOLFRAM EISENREICH
4)THOMAS FRIEDL

No of Pages : 65
No of Claims : 111

(57) Abstract :
The invention relates to new pharmaceutical compositions for the treatment of sexual disorders and methods for the preparation thereof. In a preferred embodiment, the instant invention is directed to pharmaceutical combinations comprising flibanserin as one active ingredient in combination with at least one additional active ingredient for the treatment of sexual disorders and methods for the preparation thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6049/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTENNA MODULE-USE MAGNETIC CORE MEMBER, ANTENNA MODULE, AND PORTABLE INFORMATION TERMINAL HAVING THE SAME"

(51) International classification :G06K 19/07
(31) Priority Document No :2004-131925
(32) Priority Date :27/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/008321
Filing Date :25/04/2005
(87) International Publication No :WO 2005/104298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISAO TAKAHASHI
3)TOSHIAKI SUGAWARA
4)TOSHIAKI YOKOTA

No of Pages : 54
No of Claims : 14

(57) Abstract :
There are provided an antenna module-use magnetic core member, an antenna module and a portable information terminal provided with the same, capable of improving a communication distance without increasing a module thickness.Â In an antenna module (1) in which a sheet-formed magnetic core member (4) is stacked on an antenna substrate (2) on which a looped antenna is formed, one having a performance index, expressed by |4," x Q, of 300 or higher when Q is a reciprocal of a loss factor (tan 8 = H"/H.") expressed by a real part n" and an imaginary part \i" of a complex permeability at an applied frequency is used as the magnetic core member (4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6050/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HEADPHONE WITH CORD TAKE-UP DEVICE"

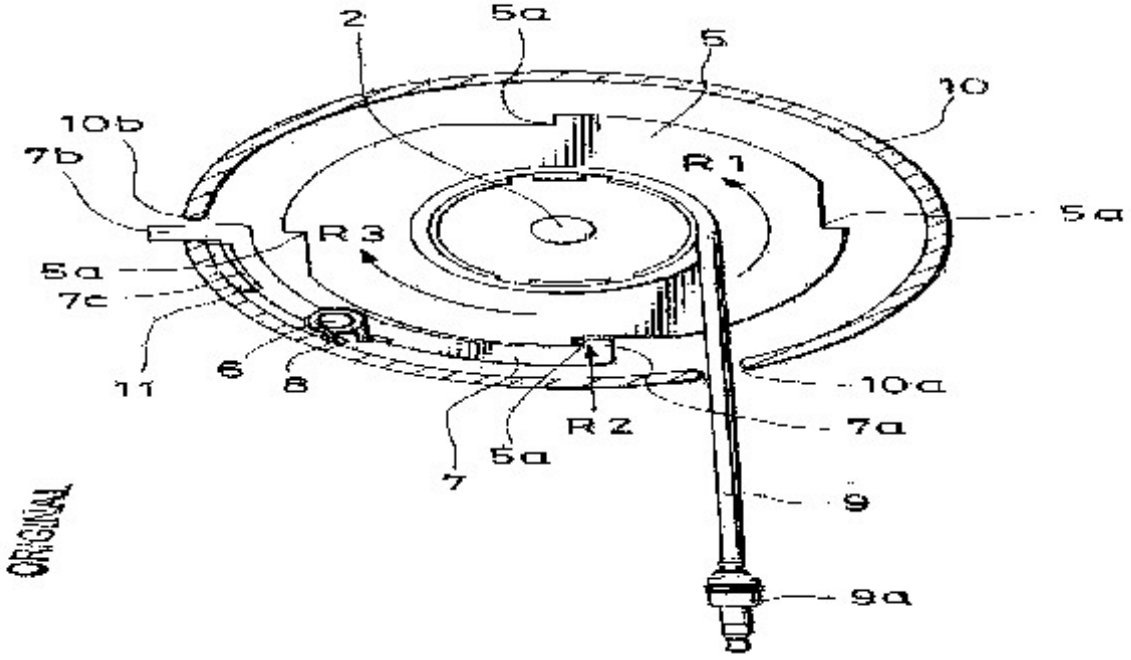
(51) International classification :H04R 1/10
(31) Priority Document No :2004-126907
(32) Priority Date :22/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/007580
Filing Date :14/04/2005
(87) International Publication No :WO 2005/104605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
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(72)**Name of Inventor :**
1)ITO TOMOHIRO

No of Pages : 19
No of Claims : 4

(57) Abstract :
[To be put into practice relatively easily and to prevent a harsh clicking sound from arising when an input cord is pulled out of a headphone housing. [Solving Means] An input cord 9; take-up means 1, 3 provided in a housing 10 and forced to wind and retract the input cord 9 into the housing 10; ratchet means interacting with -he take-up means 1, 3, including a ratchet wheel 5 and an engaging pawl 7a provided at one end of a turning arm 7 and forced toward the side of the ratchet wheel 5, preventing the input cord 9 from being wound and retracted by the take-up means "-, 3 and allowing the input cord 9 to be pulled out of the housing 10; and a buffer material 11 provided between the turning arm 7 and the housing 10 are included; wherein movement of the engaging pawl 7a at one end of the turning arm 7 is restricted by the buffer material 11 when the input cord 9 is pulled out of the housing 10. [Selected Diagram] FIG. 1

FIG. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6051/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF FABRICATING AN OPTOELECTRONIC DEVICE HAVING A BULK HETEROJUNCTION"

(51) International classification :H01L 31/00
(31) Priority Document No :10/824,288
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012928
Filing Date :13/04/2005
(87) International Publication No :WO 2005/101524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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U.S.A.
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2)FAN YANG
3)STEPHEN R. FORREST

No of Pages : 57
No of Claims : 27

(57) Abstract :
A method of fabricating an optoelectronic device comprises: depositing a first layer having protrusions over a first electrode, in which the first layer comprises a first organic small molecule material; depositing a second layer on the first layer such that the second layer is in physical contact with the first layer; in which the smallest lateral dimension of the protrusions are between 1 to 5 times the exciton diffusion length of the first organic small molecule material; and depositing a second electrode over the second layer to form the optoelectronic device. A method of fabricating an organic optoelectronic device having a bulk heterojunction is also provided and comprises: depositing a first layer with protrusions over an electrode by organic vapor phase deposition; depositing a second layer on the first layer where the interface of the first and second layers forms a bulk heterojunction; and depositing another electrode over the second layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6052/DELNP/2006 A
(43) Publication Date : 27/04/2007

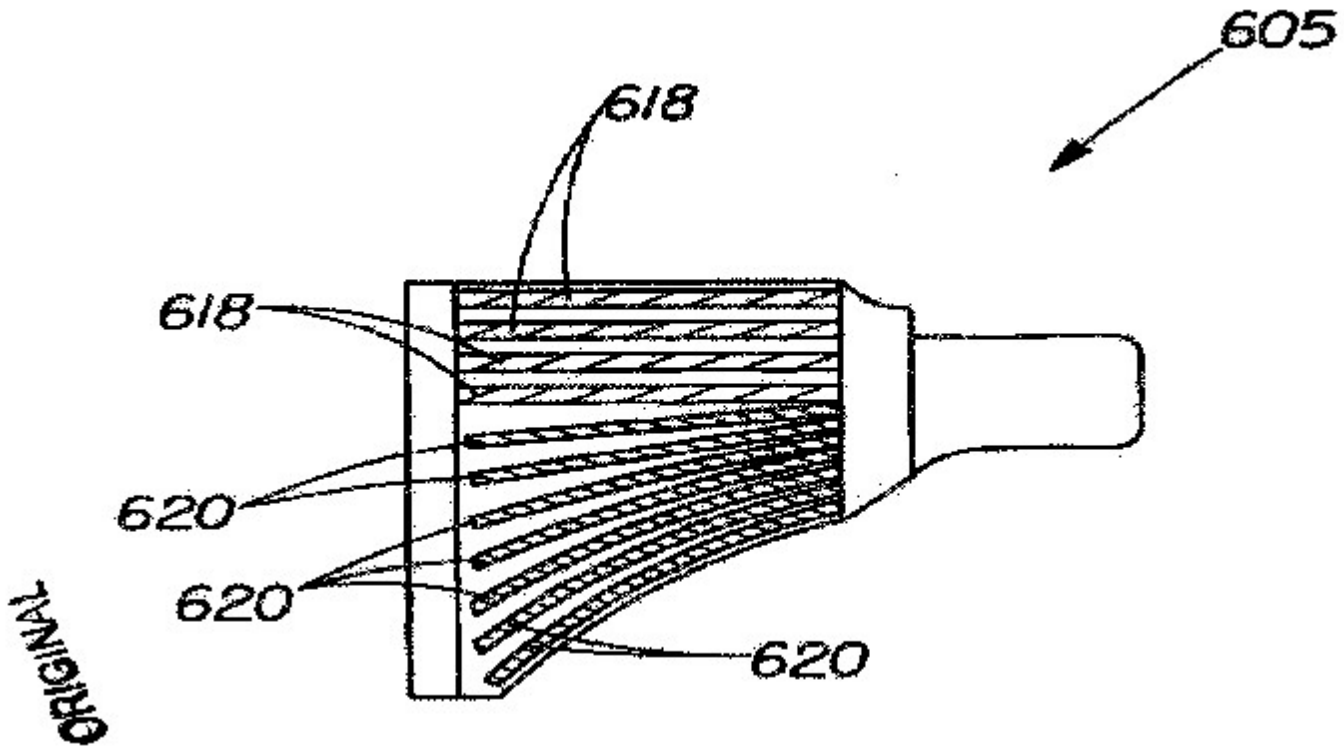
(54) Title of the invention : DISPOSABLE ABSORBENT ARTICLES WITH ZONES COMPRISING ELASTOMERIC COMPONENTS

(51) International classification :A41D 31/00
(31) Priority Document No :60/557,288
(32) Priority Date :29/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009904
Filing Date :24/03/2005
(87) International Publication No :WO 2005/096855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROE DONALD CARROLL
2)DESAI FRED NAVAL

No of Pages : 59
No of Claims : 9

(57) Abstract :
Absorbent articles having a liquid permeable topsheet, a liquid impermeable backsheet, and an absorbent core disposed between said topsheet and said backsheet are disclosed. The absorbent articles include a thermoplastic elastomer joined to or disposed in a stretch zone on at least one component or region of the absorbent article to impart an elastic resistance that provides sizing or shaping capabilities to the article. The absorbent article can be in the form of diapers, pull-on diapers, training pants, sanitary napkins, wipes, bibs, incontinence briefs or inserts.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6053/DELNP/2006 A
(43) Publication Date : 27/04/2007

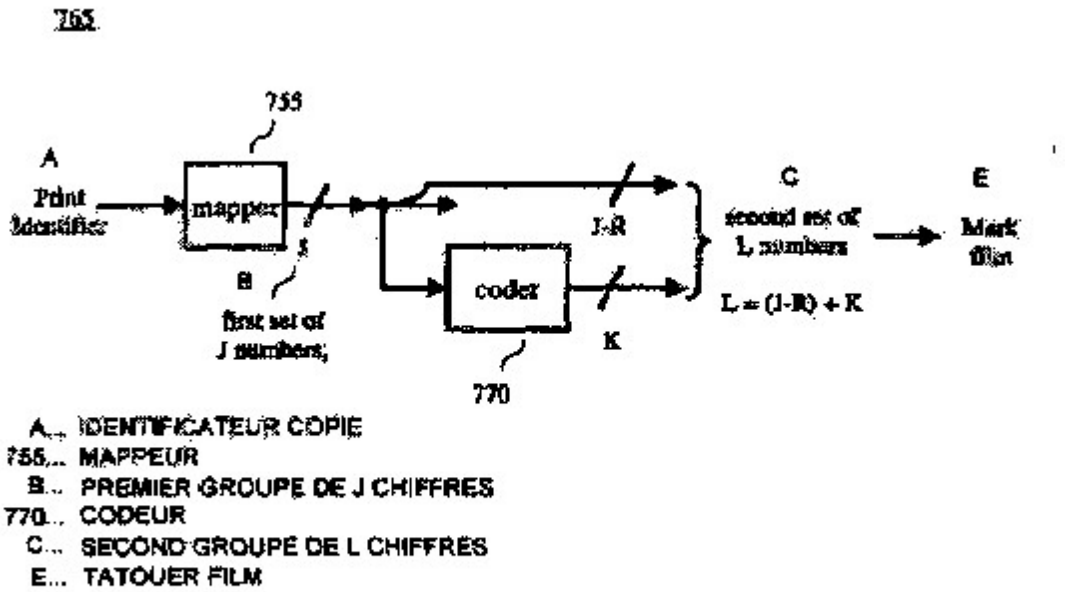
(54) Title of the invention : WATERMARKING OF MOTION PICTURE PRINTS

(51) International classification :G06T 1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/013107
Filing Date :27/04/2004
(87) International Publication No :WO 2005/114570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOGUE WILLIAM BENNETT

No of Pages : 37
No of Claims : 26

(57) Abstract :
An apparatus for marking a film copy includes a mapper and a codfcr. The maper maps a print identifier to be associated with the film copy into a serial number comprising a sequence of / numbers. The coder creates at least two-error correcting numbers, e.g. Y and Z, as a function of one, or more, of the / numbers. The film copy is then marked in accordance with L numbers, which comprise at least the two-error correcting numbers Y and Z.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6054/DELNP/2006 A
(43) Publication Date : 27/04/2007

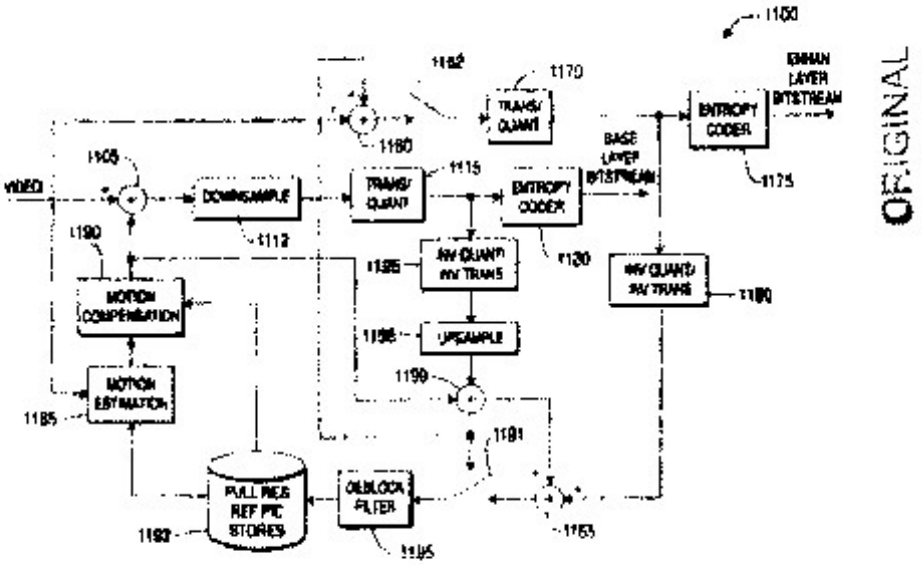
(54) Title of the invention : COMPLEXITY SCALABLE VIDEO ENCODING

(51) International classification :H04N 7/26
(31) Priority Document No :60/558,862
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011359
Filing Date :31/03/2005
(87) International Publication No :WO 2005/099276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 38
No of Claims : 15

(57) Abstract :
A video decoder, a video decoding method, a video encoder and a video encoding method are disclosed. A video decoder for decoding a video bitstream for an image block includes a motion vector resolution reducer (999) and a motion compensator (960). The motion vector resolution reducer is for receiving decoded high resolution motion vectors included in the video bitstream and for reducing an accuracy of the high resolution motion vectors to correspond to a low resolution. The motion compensator, in signal communication with the motion vector resolution reducer, is for forming a motion compensated high resolution prediction using the reduced accuracy motion vectors. The video encoder for encoding scalable video comprises a motion compensator (1190) for forming a motion compensated full resolution prediction and combining combining (1105) the motion compensated full resolution prediction from an image block to form a prediction residual. The prediction residual is downsampled (1112) to form a low resolution downsampled prediction residual and then coded (1115).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6055/DELNP/2006 A
(43) Publication Date : 27/04/2007

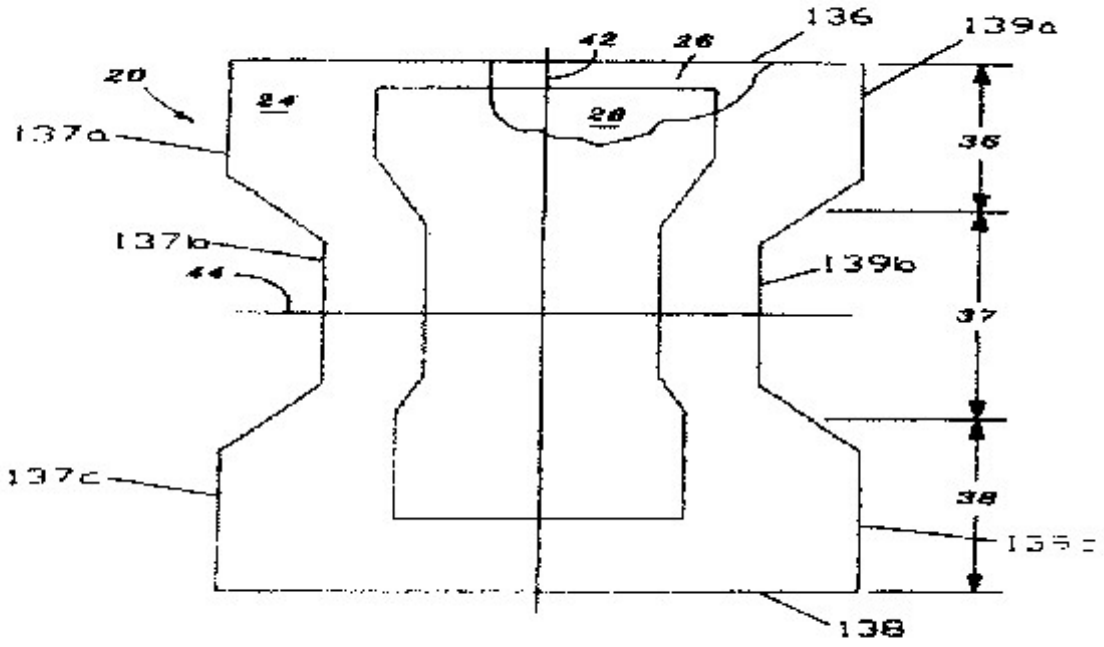
(54) Title of the invention : DISPOSABLE ABSORBENT ARTICLE HAVING REFASTENABLE SIDE SEAMS AND A WETNESS SENSATION MEMBER

(51) International classification :A61F 13/15
(31) Priority Document No :10/815,918
(32) Priority Date :01/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009686
Filing Date :24/03/2005
(87) International Publication No :WO 2005/097026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VARGO DEBORAH ANN
2)PATEL KEN K

No of Pages : 41
No of Claims : 10

(57) Abstract :
A disposable absorbent article including features facilitating toilet training of a wearer. A wetness sensation member provides a wetness sensation on the wearer"s skin upon urination. Highlighting that is visible when viewing a body-facing surface of the article may be associatively correlated with the concept of toilet training and indicates the presence of the wetness sensation member in the article while providing a visual reference and topic for conversation relevant to toilet training. Refastenable side seams enable the configuration, application, and removal of the article as a pair of training pants or as a diaper, while providing an appearance like training pants when the article is worn and allowing easy inspection of the interior of the article without the necessity of pulling the article downward. The synergistic effect of each feature in combination with one or more of the other features enhances the usefulness of the article in toilet training.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6056/DELNP/2006 A
(43) Publication Date : 27/04/2007

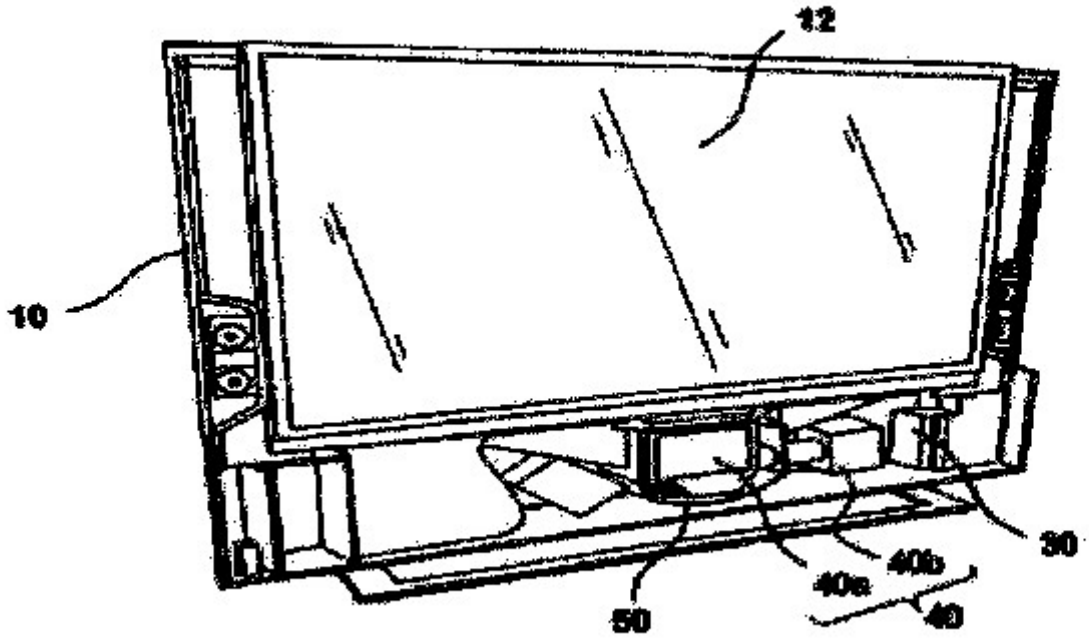
(54) Title of the invention : LIGHT BOX BARRIER SYSTEM FOR A PROJECTION DISPLAY

(51) International classification	:H04N 5/74
(31) Priority Document No	:60/566,371
(32) Priority Date	:29/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014236
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/112444
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)WHITSETT PATRICK THOMAS

No of Pages : 14
No of Claims : 9

(57) Abstract :
A projection display with a shield surrounding an output end of a light engine to prevent dust and stray light from entering a light box of the projection display is described. The projection display includes a cabinet, a light engine mounted in the cabinet and having an output end and an electronic end, a removable front cover mounted on the cabinet covering the light engine, and a shield surrounding the light engine between the output end and the electronic end.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6057/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR OBTAINING GRADED PORE STRUCTURE IN SCAFFOLDS FOR TISSUES AND BONE, AND SCAFFOLDS WITH GRADED PORE STRUCTURE FOR TISSUE AND BONE

(51) International classification :A61L 27/44
(31) Priority Document No :200401544-2
(32) Priority Date :22/03/2004
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2005/000087
Filing Date :22/03/2004
(87) International Publication No :WO 2005/089827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG SUXIA
3)TAY BEE YEN

No of Pages : 18
No of Claims : 31

(57) Abstract :
A projection display with a shield surrounding an output end of a light engine to prevent dust and stray light from entering a light box of the projection display is described. The projection display includes a cabinet, a light engine mounted in the cabinet and having an output end and an electronic end, a removable front cover mounted on the cabinet covering the light engine, and a shield surrounding the light engine between the output end and the electronic end.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6058/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYOGENIC PIPELINE CONFIGURATIONS AND METHODS"

(51) International classification :F25J 5/00
(31) Priority Document No :60/556,535
(32) Priority Date :26/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009808
Filing Date :23/03/2005
(87) International Publication No :WO 2005/119150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG JIANFENG

No of Pages : 18
No of Claims : 20

(57) Abstract :
A pipe-in-pipe pipeline has a bulkhead that transfers thermal stress from an inner pipe to an outer pipe, wherein at least part of the bulkhead forms a conduit for a product traveling through the inner pipe. Most preferably, the pipeline is a cryogenic pipeline for transport of liquefied natural gas. Where desirable, insulating material may be disposed between the inner pipe and outer pipe, while spacers may maintain the distance between the pipes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6059/DELNP/2006 A
(43) Publication Date : 27/04/2007

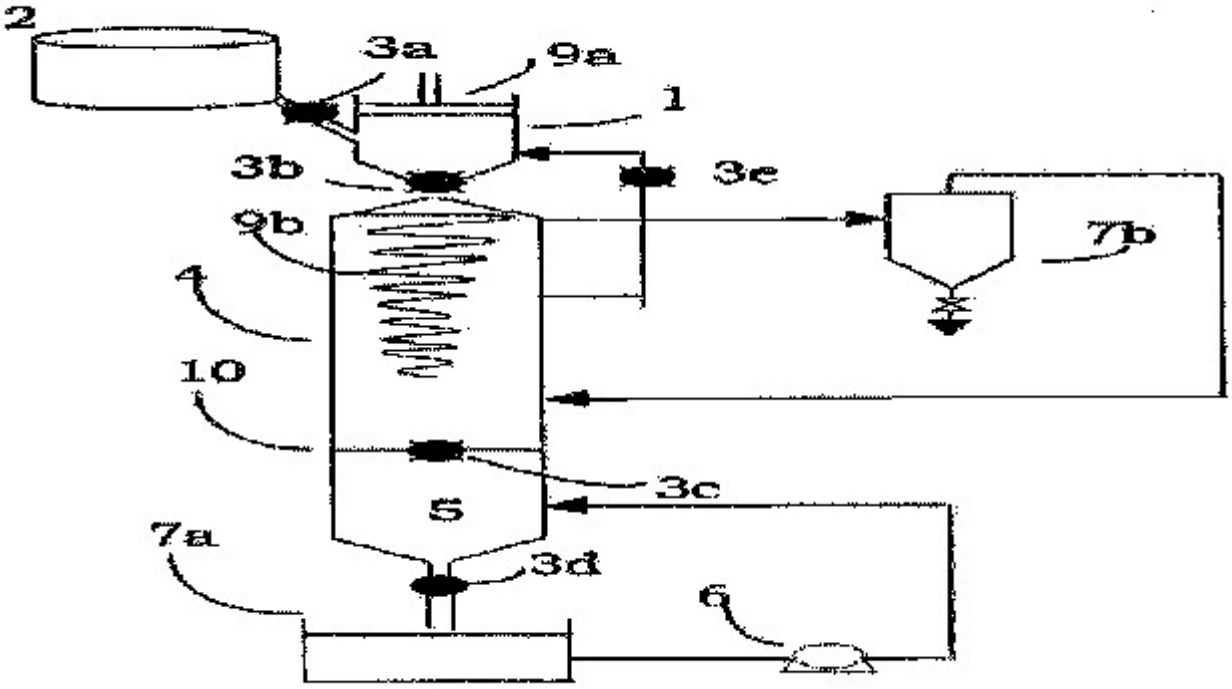
(54) Title of the invention : "CONTINUOUS PROCESSING AND SOLIDS HANDLING IN NEAR CRITICAL AND SUPERCRITICAL FLUIDS"

(51) International classification	:B01D 11/02
(31) Priority Document No	:60/561,305
(32) Priority Date	:12/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012260
Filing Date	:12/04/2005
(87) International Publication No	:WO 2005/099853
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)DESAI BHISHMAKUMAR
4)KEGLER ANDREW

No of Pages : 25
No of Claims : 60

(57) Abstract :
The present invention provides methods and apparatuses for the continuous processing and solids handling in near-critical and supercritical fluids. The present invention also allows for treatment of the starting material with the near-critical or supercritical fluid. The remaining raffinate is then continuously transferred and may be collected in a barrier fluid.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6060/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TISSUE ENGINEERED BIOMIMETIC HAIR FOLLICLE GRAFT"

(51) International classification :A61L 27/38
(31) Priority Document No :10/810,518
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009785
Filing Date :23/03/2005
(87) International Publication No :WO 2005/097221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MARSHALL, BRYAN

No of Pages : 44
No of Claims : 31

(57) Abstract :
The present invention relates to an improved scaffold which is constructed to mimic the architecture of the native hair follicle. The present invention also relates to the use of specific compositions and methods of manufacture to produce scaffolds that combine biocompatibility with the desired rates of bioabsorption. In another embodiment, the present invention relates to a process for manufacturing a biomimetic hair follicle graft and a method for seeding the graft with cells and implanting the graft into the skin where the growth of a new hair shaft is desired. A further embodiment of the present invention relates to a method for hair multiplication in which cells are multiplied in culture and aliquoted into a multitude of bioabsorbable scaffolds in combination with cultured keratinocytes or other allegoric cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6061/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMBINATION THERAPY FOR LOWER URINARY TRACT SYMPTOMS"

(51) International classification :A61K 31/216
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2004/000842
Filing Date :22/03/2004
(87) International Publication No :WO 2005/092341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 17

(57) Abstract :
This invention relates to combination therapy for the treatment of benign prostatic hyperplasia (BPH) and lower urinary tract symptoms (LUTS) associated with or without BPH. The combination therapy comprises of aia adrenergic receptor (AR) subtype selective antagonist in combination with muscarinic receptor antagonist and optionally included 5a-reductase inhibitor for relief of LUTS in a subject with or without BPH.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6064/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SKITYPE MOTORBIKE.

(51) International classification	:B62M 7/00
(31) Priority Document No	:10-2004-0034093
(32) Priority Date	:14/05/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:KR2005/001407 :14/05/2004
(87) International Publication No	:WO 2005/110839
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)LEE TAE GEUN

No of Pages : 21
No of Claims : 7

(57) Abstract :
The present invention relates to a ski type motorbike whose driving force is enhanced and whose wheels are prevented from slipping, in order to provide a reliable braking force. The present invention includes a main body; an air suction section provided in the main body; a front rear wheel assembly provided in the front and rear side of the main body; a connection bar and a connection link; a brake mechanism constituted by a brake disc fixed to the rotation shaft of the main body and a caliper which presses portions of the brake disc to apply a braking force; and a controller constituted by an acceleration pedal and a braking pedal which are respectively connected to the engine and the brake mechanism through a flexible cable, the acceleration pedal and the braking pedal being hinge-joined to each other at one end thereof to control driving of the engine and braking of the rear wheel shaft, respectively.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6065/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD USER STATION AND NETWORK DEVICE FOR RADIO COMMUNICATION, IN PARTICULAR IN CONNECTION WITH HSDPA SERVICE"

(51) International classification :H04L 12/56
(31) Priority Document No :04010358.2
(32) Priority Date :30/04/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/051545
Filing Date :07/04/2005
(87) International Publication No :WO 2005/107180
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHARPENTIER, FREDERIC
3)LAMPRECHT, FRANK

No of Pages : 24
No of Claims : 14

(57) Abstract :
The invention relates to a radio communication method, whereby first messages are transmitted from a user station (UE) to a network radio station (NODE B), using a first code (C_ HS- DPCCH) and second messages are transmitted using a second code (C_ DEDICATED). The use of the first code (C_HS-DPCCH) by the user station (UE) is temporarily interrupted and the use of the second code (C_ DEDICATED) is carried out during the interruption. According to the invention, the use of the first code (C_HS- DPCCH) by the user station (UE) is restarted depending on a transmission power, available to the user station (UE) for the use of the first code (C_HS--DPCCH). The invention further relates to a user station (UE) and a network device (NODE B) for carrying out said method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6066/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMBINATIONS COMPRISING A S1P RECEPTOR AGONIST AND A JAK3 KINASE INHIBITOR"

(51) International classification :A61K 45/06
(31) Priority Document No :60/567,677
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/004758
Filing Date :02/05/2005
(87) International Publication No :WO 2005/105146
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LAKE PHILLIP

No of Pages : 33
No of Claims : 10

(57) Abstract :
The invention provides a pharmaceutical combination comprising: a) at least one SIP receptor agonist, and b) at I least one JAK3 Idnase inhibitor and a method for treating or preventing autoimmune diseases or cell, tissue or organ graft rejection I using such a combination.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

(21) Application No.6067/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CRTH2 RECEPTOR ANTAGONISTS.

(51) International classification :A61K 39/395
(31) Priority Document No :0409921.4
(32) Priority Date :04/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2005/044783
Filing Date :03/05/2005
(87) International Publication No :WO 2005/105727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LEBLANC CATHERINE

No of Pages : 36
No of Claims : 11

(57) Abstract :
There are provided according to the invention compounds of formula (I) in free or salt form, wherein R1, R2, R3, X, Y, Z, m, and n are as described in the specification, process for preparing them, and their use as Pharmaceuticals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6068/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR HANDLING DATA TRANSFERS"

(51) International classification :A61B 17/00
(31) Priority Document No :60/567,293
(32) Priority Date :30/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000652
Filing Date :29/04/2005
(87) International Publication No :WO 2005/107144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LITTLE HERBERT A
3)KIRKUP MICHAEL G

No of Pages : 34
No of Claims : 20

(57) Abstract :
A system, method, and apparatus for managing data transfers between a secure location and a less secure location based on data transfer settings established by an administrator and according to security related aspects and business policy rcquirc-i ments are presented. A data transfer checker apparatus stored and operating on a wireless mobile device retrieves data transfer j settings to determine if requested data to be transferred from a first location to a second location is to be performed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.6069/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'STABILIZED TAT ANTIGEN AND THE USE THEREOF FOR ANTI-HIV VACCINATION"

(51) International classification :C07K 14/16
(31) Priority Document No :0403429
(32) Priority Date :01/04/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000795
Filing Date :01/04/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAJEUNESSE,EVELYNE
3)LECOQ,ALAIN
4)MENEZ,ANDRE
5)MOINE , GERVAISE

No of Pages : 77
No of Claims : 33

(57) Abstract :
The invention relates to a vaccine composition comprising at least one type of anti-HIV vaccine composition containing at least one type of stabilised Tat antigen and to the use thereof for preventing and/or treating a human HIV infection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2006
(21) Application No.6070/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ARTICLE COMPRISING POLYESTER MULTILAYER FILM"

(51) International classification :B32B 27/34
(31) Priority Document No :60/581,420
(32) Priority Date :21/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022112
Filing Date :21/06/2005
(87) International Publication No :WO 2005/002263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 29
No of Claims : 10

(57) Abstract :
Articles comprising multilayer coextruded films having polyester and polyamide layers adhered with a copolymer of polyester and a sulfonic acid or its derivative, having high oxygen barrier properties and temperature resistance that are capable of being heated to 425Â°F (about 218 or 221Â°C) in a conventional oven are disclosed. The articles are packages, such as bags, pouches, and casings that are particularly useful for packaging and cooking foodstuffs such as meat, poultry, seafood and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2006

(21) Application No.6076/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INTERLOCKING FLANGE FOR AN EXHAUST SYSTEM"

(51) International classification :F01N 7/08
(31) Priority Document No :10/849,620
(32) Priority Date :19/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011840
Filing Date :07/04/2005
(87) International Publication No :WO 2005/116504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ROBERT W. HOUTSCHILT

No of Pages : 10
No of Claims : 13

(57) Abstract :
An exhaust system (10) includes a flange assembly (18, 26) having multiple identical flange portions (34) manufactured of a powdered metal. By assembling each flange assembly (18, 26)from identical flange portions (34), and utilizing powder metal, manufacturing expense is decreased.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2006
(21) Application No.6077/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLEXIBLE ELECTROSTATIC ACTUATOR

(51) International classification :G02B 26/00
(31) Priority Document No :60/564,594
(32) Priority Date :23/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :US05/014104
Filing Date :25/04/2005
(87) International Publication No :WO 2005/104717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 58
No of Claims : 91

(57) Abstract :
An electrostatic actuator having a base (10) including a first electrode (20), and having a flexible membrane (50) including at least two material layers of different materials in contact with each other. At least one of the material layers includes a second electrode (40) electrically isolated from the first electrode. The flexible membrane includes a fixed end where the flexible membrane connects to the base and a free end opposite the fixed end. In the flexible membrane, the second electrode has at least first and second portions separated by a third portion an in combination defining a step provided in a vicinity of the fixed end. The first step is closest to the fixed end and separated by a shorter distance from the first electrode than the second portion. A stiffening member (310) can be disposed on the flexible membrane toward the free end of the flexible membrane. The electrostatic actuator can include an elongated orifice (420,320) extending through the base and extending along a direction away from the fixed end. The first electrode of the base can extends past an end of the second electrode of the flexible membrane in a direction defined toward the fixed end. The flexible membrane can include a peripheral or side cut out configured to communicate to an interior of the flexible membrane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2006

(21) Application No.6078/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTIDATA PROCESSING DEVICE AND METHOD IN A WIRELESS TERMINAL

(51) International classification	:H04B 1/40
(31) Priority Document No	:10-2004-0027458
(32) Priority Date	:21/04/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:KR2005/001152 :21/04/2005
(87) International Publication No	:WO 2005/104386
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)PARK WEI-JIN

No of Pages : 37
No of Claims : 20

(57) Abstract :
Disclosed is a device for processing multidata in a wireless term etc., a first data device and a second data device generate first data and secona data according to1 a first mode select signal and a second mode select signal, respectively. A data interface connected to the first and second data devices, interfaces data generated by a data device activated by the mode select signal. A multidata processor includes first and second data processors, drives a data device selected in response to the mode select signal, and processes data output from the data interface through its associated data processor. A display displays image data output from the multidata processor. An audio processor reproduces audio data output from the multidata processor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2006
(21) Application No.6079/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMPROVED INCENTIVE SPIROMETER DEVICE EMPLOYING VERBAL SIMULATED HUMANLIKE VOICES TO ENCOURAGE USAGE

(51) International classification :A61B5/08
(31) Priority Document No :10/810,876
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :US 2005/009420
Filing Date :21/03/2005
(87) International Publication No :WO 2005/096932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 2

(57) Abstract :
An apparatus used in the medical industry, in order to increase transpulmonary pressure and respiratory volumes, to improve inspiratory muscle performance and re-establish the normal pulmonary hyperinflation, through the employment of electronic technology, providing audible, simulated, verbal, human sounding words, that assist, guide and prompt, increasing patient usage. In the past, lack of usage of this simple plastic, antiquated, disposable unit, by the patient, has contributed to server problems, such as pneumonia. Without prompting, the patient finds it hard to inhale into a tube repetitively, to improve their lungs. Previous applications of prior equipment has been poor, thus adding intelligence in the form of electronic technology, which prompts without assistance, is a tremendous advantage in helping not only the sighted, but also the blind as well, since normally only written information accompanies the incentive spirometer, thus, changing the use of this medical device as we know it today.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2005
(21) Application No.614/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DECISION METHOD FOR INTER-FREQUENCY HARD HANDOFFS IN A WCDMA SYSTEM"

(51) International classification :H04J 13/00
(31) Priority Document No :02136456.7
(32) Priority Date :08/08/2002
(33) Name of priority country :China
(86) International Application No :PCT/CN2003/000567
Filing Date :15/07/2003
(87) International Publication No :WO 2004/015901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZHU, FUSHENG
4)XU, BIN

No of Pages : 16
No of Claims : 9

(57) Abstract :
This invention discloses a method for controlling inter-frequency hard handcffs by using user equipment (UE) event-triggered reporting mode in a WCDMA system, being applicable to geographical cells covered by multiple frequency points. Its main technical feature is that the radio network controller (RNC), after receiving reported results from the UE, performs the decision and execution according to the specific events. This method has the advantages of a reasonable logic and high efficiency, being able to well ensure the realization of the inter-frequency handoffs required by a WCDMA system, improved communication quality, reduced transmission power of the UE, reduced interference to other cells, and increased system capacity, etc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2005

(21) Application No.6168/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS AND METHODS OF MAKING BORON CARBIDE AND BORON CARBIDE COMPONENTS"

(51) International classification :B22F
(31) Priority Document No :60/478,045
(32) Priority Date :12/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/018821
Filing Date :14/06/2004
(87) International Publication No :WO 2004/110685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 30

(57) Abstract :
High-density components and products as well as process for making high-density components and products are disclosed. One exemplary component, among others, includes a boron carbide component comprised of a homogeneous boron carbide powder. The component has at least a 93% relative density (RD) and a Vickers hardness of at least 2000kg/mm2.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2003
(21) Application No.628/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INHALABLE FORMULATION OF A SOLUTION CONTAINING A TIOTROPIUM SALT"

(51) International classification :A61K 9/72
(31) Priority Document No :100 54 036.8
(32) Priority Date :31/10/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/EP01/12292
Filing Date :24/10/2001
(87) International Publication No :WO 02/036104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PETRA BARTH
4)KARIN DRECHSEL

No of Pages : 20
No of Claims : 29

(57) Abstract :
The present invention relates to a propellant-free inhalable formulation of tiotropium bromide or tiotropium bromide monohydrate dissolved in water or in a mixture of water and ethanol and propellant-free inhalable aerosols resulting therefrom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2003
(21) Application No.63/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PREPARATION OF NON-HAZARDOUS BROMINATING REAGENTS

(51) International classification :C01B 009/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)DERAIYA,HASINA, HAJIBHAI
6)DAVE, ROHIT HARSHADRAY
7)HALDER, KOUSHIK
8)MAJEETHIA, KISHOR KUMAR MANMOHANDAS
9)DAGA, SOHAN LAN
10)MOHANDAS, VADAKKE, PUTHOOR
11)SANGHAVI, RAHUL JASVANTRAI

No of Pages : 18
No of Claims : 11

(57) Abstract :
The present invention relates to a non-hazardous brominating reagent from an aqueous alkaline bromine byproduct solution obtained from bromine recovery plant and containing 25 to 35 % bromine dissolved in aqueous lime or sodium hydroxide containing alkali bromide and alkali bromate mixture having bromide to bromate stoichiometric ratio in the range of 5:1 to 5.1:1 or 2:1 to 2.1:1 and a pH ranging between 8-12 and also relates to a method for borminating aromatic compounds by using the above brominating agent

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2003
(21) Application No.636/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SYNERGISTIC COMPOSITION AND A PROCESS FOR THE PRODUCTION OF TRANSPARENT FRUIT THERE FROM USEFUL FOR MANUFACTURING RAPID ONCE FIUED WALL TILE GLOSSY GLAZE"

(51) International classification	:C11D 9/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 15
No of Claims : 15

(57) Abstract :
In the present invention there is provided a synergistic composition and a process for the production of transparent frit useful in manufacturing rapid once fired ceramic wall tile glossy glaze. The synergistic frit composition of the present invention essentially consists of quartz, clay, K-felspar, colemenite, wollastonite, soda ash, calcite and zinc oxide. The synergistic frit composition of the present invention allows the production of transparent frit which is free from unmelted inclusions and trapped carbonaceous materials and suitable for manufacturing defect free glossy glaze surfaces. Use of alkaline earth oxide and calcium borate as powerful fluxes plays a key role in order to achieve the desired fusion, flow values and thermal expansion characteristics. 90 wt% of the presently developed frit can be used with 10 wt% white burning clay to prepare glossy glaze material for rapid once fired ceramic wall tile. 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2003
(21) Application No.643/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ANTIMONOCYTIC ACTIVITY OF BETEL LEAF EXTRACTS

(51) International classification :A61K 35/78
(31) Priority Document No :PCT/IN00/00118
(32) Priority Date :04/12/2000
(33) Name of priority country :Iraq
(86) International Application No :PCT/IN00/00118
Filing Date :04/12/2000
(87) International Publication No :WO 02/45730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ROY, KESHAB, CHANDRA

No of Pages : 11
No of Claims : 32

(57) Abstract :
This invention relates to use of betel leaf extract for anti-monocytic activity in animal including human beings, said use consisting of administering pharmaceutically effective amount of betel leaf extract associated with or in combination with pharmaceutically acceptable additives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2005
(21) Application No.648/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COLOURED DIAMOND"

(51) International classification :C30B 33/00
(31) Priority Document No :0220772.8
(32) Priority Date :06/09/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2003/003783
Filing Date :05/09/2003
(87) International Publication No :WO 2004/022821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GEOFFREY ALAN SCARSBROOK

No of Pages : 49
No of Claims : 61

(57) Abstract :
A method of producing a single crystal CVD diamond of a desired colour which includes the steps of providing single crystal CVD diamond which is coloured and heal treating the diamond under conditions suitable to produce the desired colour. Colours which may be produced are. for example, in the pink-green range.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2002
(21) Application No.650/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "OILY WAX MATRIX SUSPENSION FORMULATION COMPRISING IBUPROFEN FREE ACID"

(51) International classification	:A61K 009/51
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 17
No of Claims : 25

(57) Abstract :
An oily wax matrix suspension pharmaceutical formulation is prepared for oral administration of an active ingredient, such as ibuprofen, through a soft gelatin capsule drug delivery device. The ibuprofen may be in free acid or a mixture of free acid and ibuprofen alkali salt form. The active pharmaceutical ingredient is embedded in an oily wax matrix which is preferably blended with a surfactant. A preferred surfactant is lecithin, a preferred suspending agent is yellow beeswax, and a preferred suspension medium is soybean oil which are all natural ingredients. Page 17 of 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2002

(21) Application No.652/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL CHOLESTEROL ENZYME ELECTRODE

(51) International classification	:G01N 033/92	(71)**Name of Applicant :** **1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** Address of Applicant :RAFI MARG, NEW DELHI-110001, INDIA Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)ARUN KUMAR**
Filing Date	:NA	**2)RAJESH**
(87) International Publication No	:NA	**3)BANSI DHAR MALHOTRA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14
No of Claims : 10

(57) Abstract :
The present invention relates to a novel enzyme electrode useful for the determination of cholesterol in an aqueous solution. The present invention primarily also provides a process for the preparation of an enzyme electrode by coating an immobilized cholesterol oxidase (ChOx) and mediator on a silicate sol gel by microencapsulation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2002

(21) Application No.654/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF NOVEL ENZYME ELECTRODE

(51) International classification	:C12Q 1/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)RAJESH
3)BANSI DHAR MALHOTRA

No of Pages : 15
No of Claims : 10

(57) Abstract :
The present invention relates to a process for the preparation thereof. The present invention primarily also provides a process for the preparation of an enzyme electrode by coating an immobilized cholesterol oxidase (ChOx) and mediator on a silicate sol gel by microencapsulation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2002
(21) Application No.655/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL LACTATE BIOSENSING STRIP

(51) International classification :G01N 027/327
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RAJENDRA KUMAR SHARMA
6)KRISHAN KUMAR SAINI
7)BANSI DHAR MALHOTRA

No of Pages : 14
No of Claims : 17

(57) Abstract :
The invention also provides a process for producing a lactate sensor strip which comprise in forming a first and second electrode on a substrate by applying a layer of silver for each of said electrodes in said electrode, applying a layer graphite on the handling zone of said second electrode to silver chloride, applying a mediator and enzyme on the graphite layer of the working zone of the first electrode. An outer hydrophilic membrane is applied zone of said first electrode. The silver layers and the graphite layers are preferably applied by the step of screen-printing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2005

(21) Application No.655/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ELECTROLYSIS PROCESS AND APARATUS"

(51) International classification :C25B
(31) Priority Document No :0218587.4
(32) Priority Date :12/08/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/ZA2003/000107
Filing Date :11/08/2003
(87) International Publication No :WO 2004/015172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DE WET, EWALD, WATERMEYER
4)SWANEPOEL, RYNO

No of Pages : 15
No of Claims : 30

(57) Abstract :
The invention provides an electrolysis apparatus for the production of hydrogen and oxygen, which apparatus includes at least two or more tubular electrodes, at least one of which is an inner electrode located in at least one outer electrode, and a separator interposed between the inner and outer electrodes and substantially coextensive therewith. One or more of the electrodes may, in use, be an anode. One or more of the electrodes may, in use, be a cathode.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2004
(21) Application No.656/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED COLLAPSIBLE STEERING COLUMN ASSEMBLY.

(51) International classification	:B62D 1/19
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ASHISH KUMAR SINGH

No of Pages : 6
No of Claims : 4

(57) Abstract :
This invention provides an improved collapsible steering column assembly for automobiles using energy absorbing column jacket. The characteristic features of the invention resides in an energy-absorbing column jacket (EA Jacket) to which upper bracket and lower bracket are fixed. The said energy absorbing column jacket, consisting of sheet metal as base material, having strip type construction on it"s circumference at desired places such that when the driver hits the steering wheel at the time of collision, the impact load is transferred to the capsules, which disengage from upper bracket and thereafter the strip type construction on energy absorbing column jacket deforms and absorbs the impact load/energy, thereby collapsing the steering column.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2005
(21) Application No.656/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A COATED OPTICAL FIBER"

(51) International classification :G02B 6/44
(31) Priority Document No :007772/1997
(32) Priority Date :20/01/1997
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :143/DEL/98
Filed on :19/01/1998

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3)YASUO MATSUDA

No of Pages : 26
No of Claims : 9

(57) Abstract :
A coated optical fiber comprising a drawn glass fiber, and a primary coating and a secondary coating which are formed by photo-curing primary and secondary coating resins simultaneously applied to an outer periphery of the glass fiber, wherein an adhesion force S (g/cm) at an interface between the primary coating resin after curing and the glass fiber is at least 1/13 ((g/cm)/Â°C) with respect to a glass transition temperature Tg (Â°C) of the secondary coating resin after curing.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2003

(21) Application No.66/DEL/2003 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "A NATURAL NONTOXIC MULTICOLOR FLUORESCENT PROTEIN DYE FROM A MARINE INVERTEBRATE, COMPOSITIONS CONTAINING THE SAID DYE AND ITS USES"

(51) International classification	:C12P 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)USHA GOSWAMI
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No of Pages : 82

No of Claims : 48

(57) Abstract :
The present invention discloses the process of extraction, purification and characterization of a natural eco-friendly nontoxic cell permeant multiple fluorescent protein dye from a non bioluminescent marine echinoderm Holothuria scabra, compositions containing the dye and various applications of the dye. 83

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006
(21) Application No.6646/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 'MULTILAYER HEAT SHRINKABLE FILM AND WRAPPED BATTERY"

(51) International classification :G11B 7/095
(31) Priority Document No :2004-147360
(32) Priority Date :18/05/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/008786
Filing Date :13/05/2005
(87) International Publication No :WO 2005/110746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKUDA TOMOHISA
3)MORIKAWA AKIRA

No of Pages : 55
No of Claims : 20

(57) Abstract :
[PROBLEMS] Disclosed is a heat shrinkable film having excellent heat resistance, content resistance, impact resistance, low/high temperature cycle resistance, and abrasion resistance. [MEANS FOR SOLVING PROBLEMS] Specifically disclosed is a heat shrinkable film comprising an intermediate layer (l), a front surface layer (2) and a back surface layer (3) so arranged as to sandwich the intermediate layer (l), and an overcoat layer (4) arranged on top of the front surface layer (2). The intermediate layer (l) contains first cyclic olefin resin and a random copolymer of ethylene and another crolefin or a random copolymer of propylene and another crolefin. The front surface layer (2) and the back surface layer (3) respectively contain second cyclic olefin resin and linear lowdensity polyethylene resin. Such a multilayer heat shrinkable film is formed into a tubular shape in such a manner that the overcoat layer (4) is on the outside. A secondary battery is fitted into the thus-formed tube of the multilayer heat shrinkable film and the tube is heat shrunk, so that there is obtained a wrapped battery.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006
(21) Application No.6647/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CABLE AND BELT FOR A LIFT SPEED LIMITER AND ASSOCIATED PULLEYS"

(51) International classification :B66B 7/06
(31) Priority Document No :P200401118
(32) Priority Date :10/05/2004
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2004/000331
Filing Date :12/07/2004
(87) International Publication No :WO 2005/108672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 12

(57) Abstract :
The present invention relates to a rope anil speed governor for elevators and associated sheaves that is applicable to speed governors for elevators. The rope comprises high-strength steel wires clustered in strands among which a core is in turn formed which is completely coatee by a polymeric material which is introduced in the gaps defined between the strands, obtaining an outer polymeric surface with a diameter that is slightly greater than the diameter cf the core. The belts cluster at least two metallic ropes comprising high-strength steel wires completely coated with a poly-eric material. The sheaves designed for the ropes are semicircular or notched semicircular sheaves having a low aggressicr. and reduced diameter and high level of adherence, determining a high coefficient of friction between the coated rope and the sheave, and a high strength of the rope against fatigue due to bending and wear is also obtained.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006
(21) Application No.6648/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PACKET DATA TRANSMITTING METHOD AND MOBILE COMMUNICATION SYSTEM USING THE SAME"

(51) International classification :H04L 1/18
(31) Priority Document No :10-2004-0031373
(32) Priority Date :04/05/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001217
Filing Date :27/04/2005
(87) International Publication No :WO 2005/104665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)AHN, JOON KUI
5)KIM, HAK SEONG
6)WON, SEUNG HWAN

No of Pages : 25
No of Claims : 22

(57) Abstract :
A Packet data transmitting methods and mobile communication system using the same enables transmission of common ACK/NACK information from each sector of a base station to a user entity in softer handover. The method includes receiving via at least one of the plurality of sectors a data packet from the mobile terminal, the data packet being correspondingly received for each of the least one of the plurality of sectors; combining the correspondingly received data packets, to obtain a single having highest signal-to-noise ratio; decoding the value obtained by the combining; determining a transmission status of the data packet according to the decoding; and the transmitting to the mobile terminal a common ACK/NACK signal including one of a common ACK signal and a common NACK signal according to the determining, the common ACK/NACK signal being transmitted via each of the at least one sector.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006
(21) Application No.6649/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF TRANSMITTING SCHEDULEING COMMAND FOR UPLINK ENHANCED DEDICATED CHANNEL IN HANDOVER"

(51) International classification :H04B 7/005
(31) Priority Document No :10-2004-0045577
(32) Priority Date :18/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR05/001861
Filing Date :17/06/2005
(87) International Publication No :WO 2005/122704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 31

(57) Abstract :
A method of transmitting a scheduling command during handover is disclosed. More specifically, the scheduling command is transmitted to a user equipment from a base station having a plurality of cells. In operation, the base station composes the scheduling command and transmits the scheduling command to the user equipment via at least one of the plurality of cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006

(21) Application No.6651/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "OPTIMISED IUB TRANSPORT."

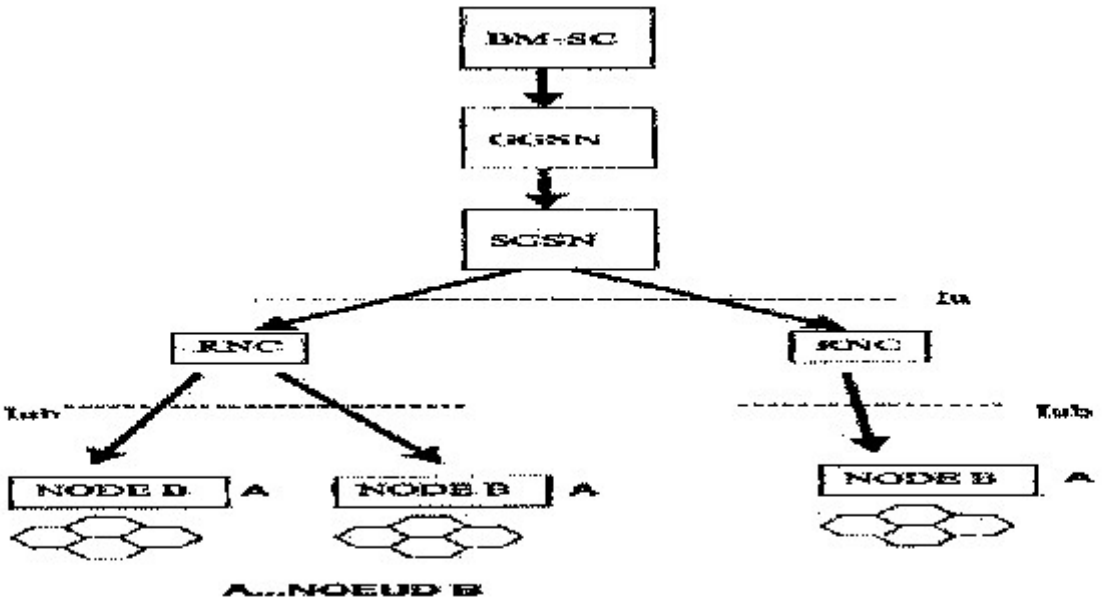
(51) International classification	:H04L 12/18
(31) Priority Document No	:0401277-8
(32) Priority Date	:07/05/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000573
Filing Date	:20/04/2005
(87) International Publication No	:WO 2005/109750
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)BERGSTROM, JOAKIM, KARL, OLOF

No of Pages : 33

No of Claims : 15

(57) Abstract :
A common lub transport for transmitting identical multimedia service data blocks over an lub interface (9) from a radio network controller (RNC) (4a-c) to a base station device (5a-e) within a radio access network (3), to be forwarded to multimedia service joined mobile terminals (7) located in cells (6a-h) served by said base station device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2003
(21) Application No.67/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR THE PRODUCTION OF SUPER-WHITE VITRIFIED PORCELAIN TILES HAVING IMPROVED CHARACTERISTICS"

(51) International classification	:C04B 41/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KAUSIK DANA

No of Pages : 12
No of Claims : 11

(57) Abstract :
In the present invention, a process has been developed for the production of super white vitrified porcelain tiles having improved characteristics using clay, beneficiated feldspar and quartz, without or with lower quantum of zircon opacifier, at lower temperature of firing. Iron oxide (Fe2O3) and TiO2 content, contaminants in the raw materials, are kept to a minimum level as they lead to a colouration in the fired body. Beneficiated feldspar used in the present invention as flux is purified material, virtually free from Fe2O3 and TiO2 and does not contain mica as detected by XRD study. Since, the porcelain body produced in the present invention is free from mica inclusion, the flexural strength and surface finish is improved significantly. The porcelain tile produced by the present Invention possess higher flexural strength of 55 to 65 kg/cm2. Due to super white appearance of the presently developed porcelain body without zircon opacifier, amount of stain required to obtain the intended colour becomes less. Hence, it is possible to achieve cost savings on three counts, namely, elimination or reduction of costly zircon opacifier, consumption of less stains for clouration and lower thermal energy for the production of super white vitrified porcelain tiles having improved characteristics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.670/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : INHIBITORS OF ANGIOPOIETIN-LIKE 4 PROTEIN, COMBINATIONS, AND THEIR USE

(51) International classification :C07K 16/00
(31) Priority Document No :60/589,782
(32) Priority Date :20/07/2004
(33) Name of priority country :Qatar
(86) International Application No :PCT/US2005/025734
Filing Date :19/07/2005
(87) International Publication No :WO 2006/014729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LIANG, XIAO HUAN

No of Pages : 103
No of Claims : 45

(57) Abstract :
Modulators of angiopoietin-like 4 protein are provided along with methods for their use in the treatment of diseases and pathological conditions. Combinations of ANGPTL4 antagonists and other therapeutics, e.g., anti-cancer agents, and methods of their use in the treatment of mammals susceptible to or diagnosed with cancer, or with relapse tumor growth or relapse cancer cell growth are also provided. 83

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007

(21) Application No.671/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TEAT"

(51) International classification :A61J 11/00
(31) Priority Document No :0414560.3
(32) Priority Date :29/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002532
Filing Date :26/06/2005
(87) International Publication No :WO 2006/000816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEBB LAN
3)ARMSTRONG MARK
4)COTTON TOM

No of Pages : 23
No of Claims : 30

(57) Abstract :
According to a first embodiment, a nipple for a feeding bottle or a soother comprises a base portion, a teat portion, an areola portion and a flex region allowing flexing of the teat portion towards and away from the areola portion. According to a second embodiment, a nipple for a feeding bottle or soother is provided with a helical flow formation on the inner face of the teat, which allows continuous flow of liquid even when the teat collapsed via the helical flow path which allowing extension at the teat, in particular rotational or torsional extension.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007

(21) Application No.672/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND SYSTEM FOR ALLOWING A USER TO MAKE A PLURLAITY OF OFFERS TO A PLURALITY OF ADVERTISERS "

(51) International classification :G06F 17/60
(31) Priority Document No :2004904289
(32) Priority Date :30/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001049
Filing Date :15/07/2005
(87) International Publication No :WO 2006/010199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RENZI JOSEPH

No of Pages : 30
No of Claims : 49

(57) Abstract :
An electronic trading system (100) for allowing a user (101) to make a plurality of offers (102) to a plurality of advertisers (103, 104), each offer being for an advertised item (105, 106). The system (100) includes a memory device for storing information related to the offers (102). A processor, in the form of an Offer Management System (OMS) (107), is disposed in communication with the memory device, the OMS being configured to: receive from the user the offers (108, 109) for each advertisers' item (105, 106); transmit data (110, 111) indicative of the offers (108, 109) to the related advertisers (103, 104); receive from one of the advertisers (103) data indicative of the acceptance of the offer (112); and retract the remaining offer (109) such that only one of the offers (108, 109) is accepted.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2006

(21) Application No.6722/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CATHETER INSERTION APPARATUS WITH A NEEDLE TIP PROTECTIVE SYSTEM"

(51) International classification	:A61M3/00
(31) Priority Document No	:60/565,505
(32) Priority Date	:26/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014217
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/102434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 38
No of Claims : 83

(57) Abstract :
The present invention relates to a compact catheter insertion apparatus (10) with a needle protective system to protect a user from an inadvertent needle stick. One aspect of the invention provides for withdrawing a contaminated needle into a protected mode within the handle (24) of the catheter apparatus (10). Another aspect of the invention provides for a frangible coupling link (54) that prevents fixation of the apparatus (10) into the duty ready mode after the needle (20 has entered the protected mode. Another aspect of the invention relates to providing a transport mode whereby the apparatus (10) is in a compact state with the catheter unit (12) and the needle unit (18) positioned inside the hollow handle (24), thereby reducing the costs associated with packaging and transportation of the compact catheter insertion apparatus (10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2006
(21) Application No.6723/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYMER COMPOSITION"

(51) International classification :C09K3/00
(31) Priority Document No :20041556
(32) Priority Date :16/04/2004
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2005/000127
Filing Date :18/04/2005
(87) International Publication No :WO 2005/100469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)RODSETH,KAARE ROGER
7)LARSEN,AAGE GELLEIN

No of Pages : 41
No of Claims : 31

(57) Abstract :
Polymer composition comprising a) 10-99.99 % by weight of at least one polyolefm, b) 0-50 % by weight of a thermoplastic that is not a polyolefm, c) 0.005-1 % by weight of per se known polymer additives, as well as an additional component chosen among d) at least one polybranched organic/ inorganic hybrid polymer which has an inorganic core carrying organic branches, the core and branches forming a participate structure, or/ and e) a fat-soluble metal compound prepared by reacting a metal salt and an acidic, organic compound in a process in which a suitable oxidation agent ensures that all the metal hi the end product is present in its highest stable oxidation state at standard conditions (25 DEG C and maximum 98% humidity).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007

(21) Application No.673/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : REDUCED COMPLEXITY SOFT VALUE GENERATION FOR MIMO JD-GRAKE RECEIVERS

(51) International classification :H04B 1/69
(31) Priority Document No :10/911,969
(32) Priority Date :04/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2005/001172
Filing Date :19/07/2005
(87) International Publication No :WO 2006/014132
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MOLNAR, KARL J.

No of Pages : 33
No of Claims : 19

(57) Abstract :
A receiver includes a receiver circuit that decodes multiple signals of interest contained in a composite receive signal. The receiver comprises at least one Generalized RAKE combining circuit and a joint demodulation circuit and generates a detected signal at an output. The joint demodulation circuit contains a reduced search soft value generator circuit and generates soft bit values that represent coded bits received from the transmitter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.674/DELNP/2007 A
(43) Publication Date : 27/04/2007

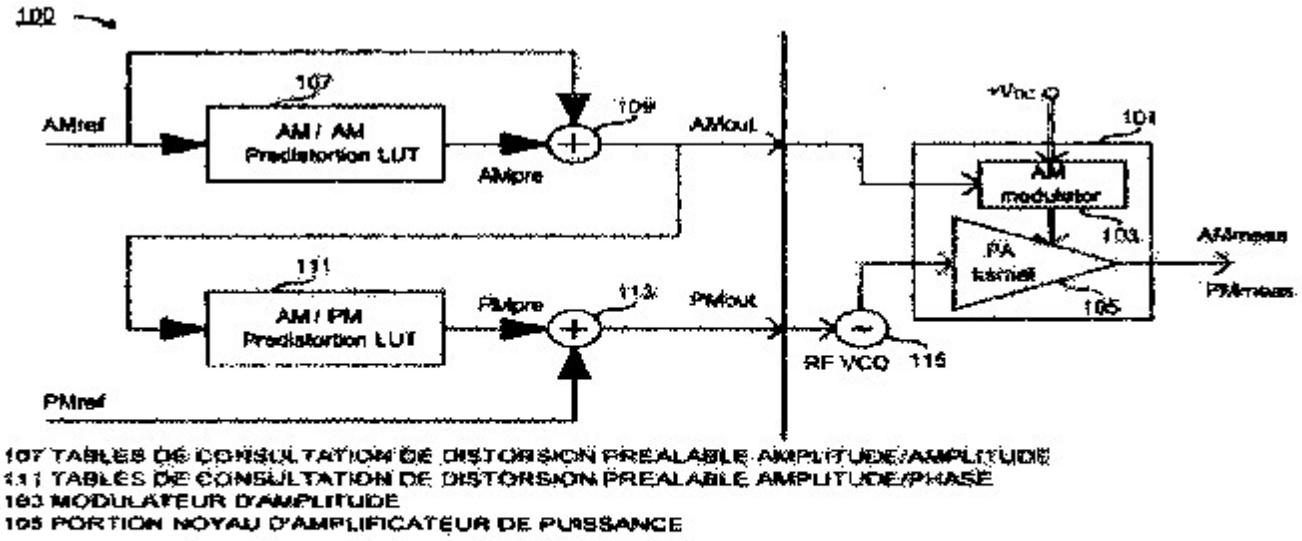
(54) Title of the invention : ARBITRARY WAVEFORM PREDISTORTION TABLE GENERATION

(51) International classification :H03F 1/32
(31) Priority Document No :60/616,493
(32) Priority Date :06/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/010374
Filing Date :26/09/2005
(87) International Publication No :WO 2006/037502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BRANDT, PER-OLOF
2)PERSSON, JONAS

No of Pages : 59
No of Claims : 31

(57) Abstract :
Predistortion that will compensate for distortion introduced by a power amplifier circuit (101) is determined by applying a time-varying reference signal (AMref, PMref) to the power amplifier circuit (101), wherein at each moment the time-varying reference signal has a reference amplitude (AMref) and a reference phase (PMref). A corresponding output signal (Ammea, Pmmeas) supplied by the power amplifier circuit (101) is measured, wherein at each moment the output signal has a measured amplitude (AMmeas) and a measured phase (PMmeas). Amplitude predistortion (AMpre)is determined by comparing the reference amplitude with (AMref) the measured amplitude (AMmeas), and phase predistortion (PMpre) is determined by comparing the reference phase (PMref)with the measured phase (PMeas). A relationship between the phase predistortion and the reference amplitude is determined such that, for any value of the reference amplitude (AMref), a corresponding value of the phase predistortion (PMpre)is identified.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.675/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR MANAGING EMISSIONS FROM MOBILE VEHICLES "

(51) International classification :B611,15/00
(31) Priority Document No :60/590,853
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025988
Filing Date :21/07/2005
(87) International Publication No :WO 2006/012484
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)WOLF DANIEL F.,
12)HILL LEONARD MICHAEL
13)KELLNER STEVEN ANDREW

No of Pages : 38
No of Claims : 17

(57) Abstract :
A locomotive (10) is operable in two or more distinct configurations with the change in configuration to a configuration input signal (35). A locomotive configuration is represented by the set of end use device control signals (13) that are generated by the locomotive control system (22) in response to the respective set of operational input values (27) for a given set of operational input values a first set of end use device control signals is generated when a configuration input has first value and a second set of end use device control signals is generated when a configuration input has a second value. The configuration input variable is responsive to an commission profile associated with the locomotive location. A value of a locomotive cross ion parameter corresponding to the commission profile is monitored and saved in a storage device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.676/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A CARD SYSTEM"

(51) International classification :G06K 9/62
(31) Priority Document No :PQ 8776
(32) Priority Date :13/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU01/00847
Filing Date :13/07/2001
(87) International Publication No :WO 02/07071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/01269/DEL
Filed on :13/06/2001

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No of Pages : 230
No of Claims : 3

(57) Abstract :
A card system including a plurality of component infrastructures, the component infrastructures each having core components of the system, the infrastructures having a hierarchal relationship such that one infrastructure is dependent on components of a lower infrastructure, and the core components being configurable for different card transaction application.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.677/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ORAL CARE IMPLEMENT"

(51) International classification :A46B 9/04
(31) Priority Document No :10/902,257
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026946
Filing Date :28/07/2005
(87) International Publication No :WO 2006/015196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 24
No of Claims : 52

(57) Abstract :
An oral care implement has an improved handle for control. The handle may include a gripping region having a grip surface with a plurality of spaced slot openings exposing portions of the base.In one construction, the handle may have an inclined portion and a grip body extending through a base of the handle. The grip body forms opposite finger grips on the inclined portion of the handle. In one construction, the handle may include a grip element which provides shifting of a mass centroid of the handle during use. In another construction, the handle includes a resilient grip body and the handle includes an aperture extend through the handle. Aperture has an inclined surface for engaging a resilient grip body.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.678/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SYRINGE ASSEMBLY"

(51) International classification :A61M 5/00
(31) Priority Document No :162854
(32) Priority Date :04/07/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2005/000699
Filing Date :30/06/2005
(87) International Publication No :WO 2006/003653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAGGENI YOHANAN

No of Pages : 68
No of Claims : 35

(57) Abstract :
A syringe assembly consists of two basic types of assembly emits: a dispensing unit, and a separate, independent plunger unit. The dispensing unit and the plunger unit are assembled together coaxially to form a two-unit syringe assembly for storage or prior to use. At least the dispensing unit is a contains for a material to be dispensed and, by inserting one or more extension unit between the dispensing unit and the plunger unit additional compartents may be added. Each extension unit may contain a different component of a formulation In any predetermined quantity. The syringe assembly allows the user to store one or more components of a formulation in separate individual units mat can be assembled easily into a single multi-compartment syringe assembly, widen can store the multiple components separately until they are ready for use, at which time the components may be mixed to form the formulation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.679/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR ENCAPSULATION BASED SESSION INITIATION PROTOCOL THROUGH NETWORK ADDRESS TRANSLATION

(51) International classification :H04L 29/06
(31) Priority Document No :10/898,726
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/002145
Filing Date :04/07/2005
(87) International Publication No :WO 2006/011034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 43
No of Claims : 35

(57) Abstract :
Provided are improved SIP communication systems and methods for traversing firewalls, NATs, and ALGs. An encapsulation protocol is used to preserve the original SIP message by encapsulating the original SIP message in visible encapsulation protocol of layers 4+. An encapsulated SIP message is decapsulated after transparently traversing a firewall, NAT, and/or ALG.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2003
(21) Application No.68/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A NATURAL NON-POLAR FLUORESCENT DYE FROM A NON-BIOLUMINESCENT MARINE INVERTEBRATE,COMPOSITIONS CONTAINING THE SAID DYE AND ITS USES

(51) International classification	:C07D 209/56
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 83
No of Claims : 26

(57) Abstract :
The present invention discloses a process of extraction, purification and characterization of a non-polar fluorescent dye from a marine echinoderm Holothuria scabra, compositions containing the dye and various applications of the dye, said dye is a natural, cell permeant, nontoxic and environmentally friendly non-polar fluorescent dye.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.680/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR RECEIVING A TIME SLICE BURST OF DATA

(51) International classification :H04N 7/167
(31) Priority Document No :10/888,547
(32) Priority Date :09/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001894
Filing Date :01/07/2005
(87) International Publication No :WO 2006/006042
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MULLER, DOMINIQUE

No of Pages : 57
No of Claims : 36

(57) Abstract :
The present invention provides methods, apparatuses, and systems for delivering protected multi-media content to a receiving device. Protected multimedia content and key information are inserted in a same time slice burst. Multimedia content is processed into content datagrams, in which each content datagram is associated with a corresponding component. Key information may be processed as a keystream with key datagrams or may be included in one or more components. A content datagram may be encrypted with an associated key. A receiving device receives the time slice burst with the content datagrams and the key information. The receiving device subsequently decrypts the content datagrams with the key information. Key datagrams may be associated with a higher priority level than content datagrams. Consequently, a receiving device can process a key datagram in order to extract a key before routing associated content datagrams to a message stack.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2007
(21) Application No.681/DELNP/2007 A
(43) Publication Date : 27/04/2007

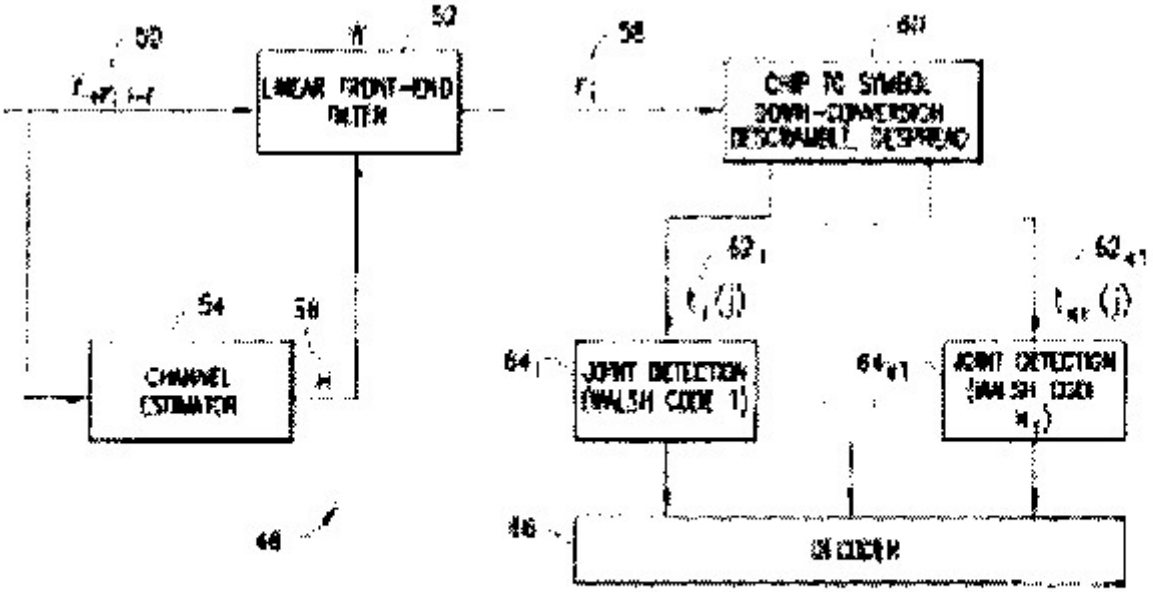
(54) Title of the invention : METHOD AND DETECTOR FOR A NOVEL CHANNEL QUALITY INDICATOR FOR SPACE-TIME ENCODED MIMO SPREAD SPECTRUM SYSTEMS IN FREQUENCY SELECTIVE CHANNELS

(51) International classification :H04L 1/00
(31) Priority Document No :10/892,833
(32) Priority Date :15/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001985
Filing Date :12/07/2005
(87) International Publication No :WO 2006/008622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 41
No of Claims : 29

(57) Abstract :
In a jointly encoded (JE), spread spectrum communication MIMO system where a demultiplexed packet is transmitted over multiple streams, two versions of a single channel quality indicator (CQI) is disclosed: generalized SNR or constrained mutual information CMI between the transmitted and receives chip vectors. In the receiver, the CMI is constrained so that filtering is suboptimal. The filter bank is preferably LMMSE or MVDR filters that convert the multi-path channel into a single patch channel so that joint sequence detection is unnecessary. Detection is instead by a per-Walsh code architecture, wherein a plurality of Walsh-code specific detectors in parallel detect bits or symbols from the single-channel chips after downconverting chip to symbols. Link to systen t mapping is realizable using the disclosed CQI for a JE MIMO system in that the CQI or related information is returned to the transmitter, which adapts coding rate and/or modulation for the charnel as represented by the CQI.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.682/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "EFFICIENT SIGNALING OVER ACCESS CHANNEL"

(51) International classification :H04Q 7/38
(31) Priority Document No :60/590,113
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024614
Filing Date :11/07/2005
(87) International Publication No :WO 2006/019710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ALEXEI GOROKHOV

No of Pages : 34
No of Claims : 56

(57) Abstract :
An apparatus and method for transmitting an indicator of channel quality while minimizing the use of a broadcast channel is described. A metric of forward link geometry of observed transmission signals is determined. An indicator of channel quality value is determined as a function of the observed transmission signals. An access sequence is selected, randomly, from one group of a plurality of groups of access sequences, wherein each of the plurality of groups of access sequences correspond to different ranges of channel quality values.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2006
(21) Application No.6822/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR APPLYING MULTI-COMPONENT COMPOSITE COATINGS TO SUBSTRATES TO PROVIDE SOUND DAMPING AND PRINT-THROUGH RESISTANCE"

(51) International classification :B05D 7/00
(31) Priority Document No :60/574,631
(32) Priority Date :26/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/018093
Filing Date :25/05/2005
(87) International Publication No :WO 2005/118162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RAGUNATHAN, KALIAPPA G

No of Pages : 31
No of Claims : 20

(57) Abstract :
A process is provided for applying multi-component composite coating composmons ta substrates to provide sound damping and print-resistance. The process includes applying at least one first coating composition to a surface of the substrate; applying at least one second coating composition over the first; and curing one or both of the first and second compositons, thereby forming a multi-layered coated substrate. The coating compositons may be applied by a method selected from spraying, extruding, brushing and/or dipping.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2006
(21) Application No.6827/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF SULGLICOTIDE FOR THE TREATMENT OF MUCOSITIS"

(51) International classification :A61K 38/17
(31) Priority Document No :MI2004A000989
(32) Priority Date :18/05/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2005/000272
Filing Date :12/05/2005
(87) International Publication No :WO 2005/110458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 9

(57) Abstract :
Use of sulgliocotide in the treatment or prevention of mucositis.Mucositis is a common inflammatory condition affecting the mucous membranes, in particular following chemotherapy or radiotherapy in patents suffering from tumours. These types of therapy, in addition to acting on neoplastic cells, in fact also act upon, the cells of healthy tissue, especially those which replicate rapidly.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.683/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NON-SIMULTANEOUS FREQUENCY DIVERSITY IN RADIO COMMUNICATION SYSTEMS"

(51) International classification :H04B 1/02
(31) Priority Document No :10/893,821
(32) Priority Date :19/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/025354
Filing Date :18/07/2005
(87) International Publication No :WO 2006/020169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 24
No of Claims : 32

(57) Abstract :
A radio using non-simultaneous frequency diversity includes: an antenna, a radio frequency module coupled to the antenna such that the radio frequency module is operable to transmit or receive radio frequency signals using the antenna, and a baseband module coupled to the radio frequency module. The baseband module is operable to transmit or receive signals through the radio frequency module, such that signals transmitted or received by the radio employ non-simultaneous frequency diversity. A method for transmitting information using non-simultaneous frequency diversity includes: identifying information to be transmitted, transmitting the identified information on a first channel, and after a predetermined amount of time, transmitting the identified information on a second channel. A method for receiving information transmitted using non-simultaneous frequency diversity includes receiving a first signal transmitted on a first channel; after a predetermined amount of time, receiving a second signal transmitted on a second channel; and identifying transmitted information based on the first signal and the second signal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.684/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PILOT TRANSMISSION AND CHANNEL ESTIMATION FOR MULTIPLE TRANSMITTERS"

(51) International classification :H04L 25/02
(31) Priority Document No :60/590,864
(32) Priority Date :22/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024612
Filing Date :11/07/2005
(87) International Publication No :WO 2006/019708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DHANANJAY ASHOK GORE
2)AVNEESH AGRAWAL
3)TAMER KADOUS

No of Pages : 46
No of Claims : 57

(57) Abstract :
Each transmitter is assigned a time-only pilot code, a frequency-only pilot code, or a time-frequency pilot code to use for pilot transmission. The pilot codes may be pseudo-random, orthogonal, and/or cyclic-shift codes. To obtain a channel estimate for a transmitter using a time-frequency pilot code composed of a time-only code and a frequency-only code, a receiver multiplies a set of received symbols for each symbol period with a set of code values for the frequency-only code to obtain a set of detected symbols and performs an IDFT on the set of detected symbols to obtain an initial impulse response estimate. The receiver performs code matching on multiple initial impulse response estimates derived for multiple symbol periods with the time-only code to obtain a final impulse response estimate for the desired transmitter. The receiver retains the first L channel taps and zeroes out remaining channel taps, where L is the expected channel length.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.685/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS AND APPARATUS FOR PROVIDING PROGRAM GUIDE STATE INFORMATION TO A DEVICE"

(51) International classification :H04N 7/173
(31) Priority Document No :60/589,822
(32) Priority Date :20/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025805
Filing Date :19/07/2005
(87) International Publication No :WO 2006/012378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BINITA GUPTA
3)RAVINDER CHANDHOK

No of Pages : 38
No of Claims : 90

(57) Abstract :
Methods and apparatus for providing guide information to a device. A method is provided for updating a program guide that comprises one or more sections. The method includes determining that a selected section of the program guide has changed, and generating a program guide state notification message that identifies the selected section of the program guide. The method also includes transmitting the program guide state notification the sage, and transmitting the selected section of the program guide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2003
(21) Application No.686/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OVERLOAD PROTECTOR WITH HERMETICALLY SEALING STRUCTURE

(51) International classification	:H01H 71/00
(31) Priority Document No	:0025499
(32) Priority Date	:27/08/2002
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YEON KEUN CHUNG
3)YOUNG KOO KIM

No of Pages : 9
No of Claims : 7

(57) Abstract :
Disclosed is an overload protector with a hermetically sealed structure, the overload protector comprising a housing that has an outer peripheral flange and an external connecting terminal and that accomodated a bimetal element having a movable contactand a fixed contact: a conducting plate that is installed to an upper portion of the housing and that has an external connecting terminal and a contact connected to the movable contact of the bimetal element; and an insulating gasket disposed between the housing and the conducting plate, grooves or ribs being formed on the entire flange, and ribs of grooves being formed on a portion of the conducting plate corresponding to the grooves or ribs formed on the flange in such a way that the ribs or grooves of the conducting plate are engaged with the grooves or ribs of the flange.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.687/DELNP/2007 A
(43) Publication Date : 27/04/2007

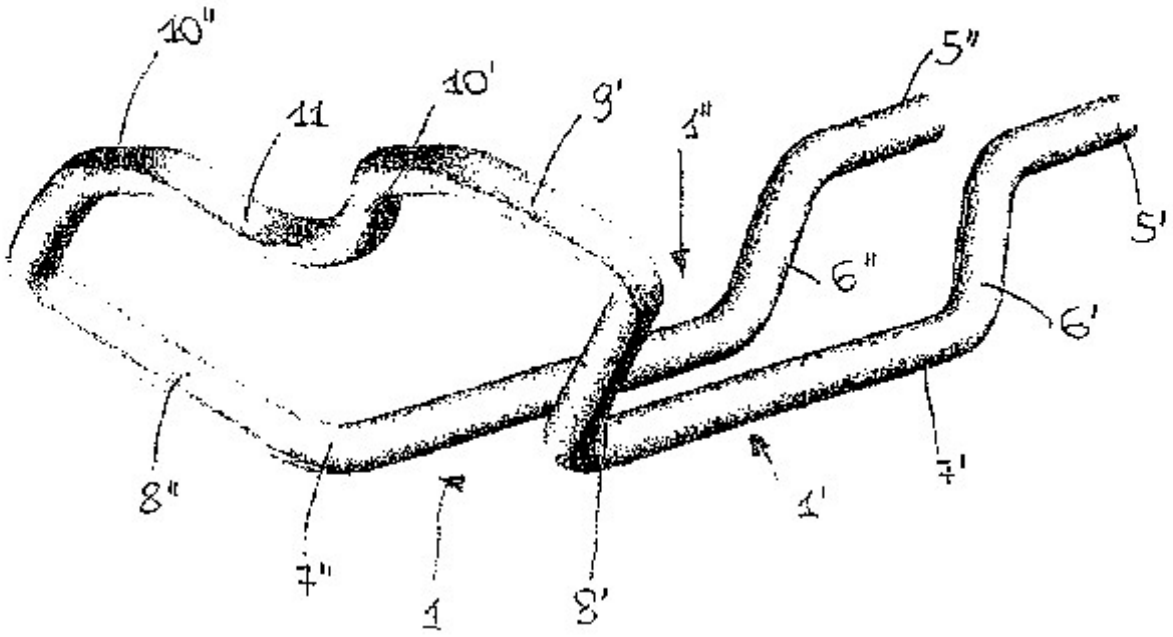
(54) Title of the invention : "SUPPORT RAIL FOR A BICYLCE SADDLE SHELL"

(51) International classification	:B62J 1/08
(31) Priority Document No	:VI2004A000202
(32) Priority Date	:06/08/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2005/008211
Filing Date	:28/07/2005
(87) International Publication No	:WO 2006/013063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FRANCESCO RIONDATO

No of Pages : 19
No of Claims : 6

(57) Abstract :
The invention relates to a support rail for a bicycle saddle shell of the type that presents two portions (1', 1") perfectly symmetrical in relalion to the longitudinal plane of symmetry of the saddle. Thanks lo ils particular shape, both professional and louring cyclists are able to find the saddle always in the same position as previously set before use, even after several stresses due to intense and prolonged saddle use.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2002
(21) Application No.688/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR PRODUCING MERCURY CADMIUM TELLURIDE CRYSTALS"

(51) International classification	:C30B 1/06	(71)**Name of Applicant :** **1)ADDITIONAL DIRECTOR (IPR)** Address of Applicant :DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE,GOVT OF INDIA,B-341, SENA BHAWAN,DHQ P.O. NEW DELHI-110011 Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)RAJESH KUMAR SHARMA**
(87) International Publication No	:NA	**2)VINOD KUMAR SINGH**
(61) Patent of Addition to Application Number	:NA	**3)BRAJ BHUSHAN SHARMA**
Filing Date	:NA	**4)VIKRAM KUMAR**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11
No of Claims : 5

(57) Abstract :
The process relates to the production of crystalline mercury cadmium telluride which is capable of producing long grain crystals. The process of the present invention has a higher yield and is much simpler and economical. The process is capable of producing highly pure mercury cadmium telluride. The process of the present invention is an improvement over the conventional SSR process for production of mercury cadmium telluride. It is an improved two stage solid state re-crystallisation process which is capable of producing all the crystal structures including x~0.3 and x~0.2. According to the process of the present invention, the second step of the conventional solid state crystallisation process involving heat treatment of the cast is split into two stages. In the first stage, the homogenisation of the cast material takes place at temperature < 660 Â°C. In the second stage, grain growth occurs at temperature > 660 Â°C. The grain growth occurs between 660 Â°C and 725 Â°C depending upon the crystal structure

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.688/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BICYCLE SADDLE"

(51) International classification :B62J 1/00
(31) Priority Document No :VI2004A000204
(32) Priority Date :11/08/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/008212
Filing Date :28/07/2005
(87) International Publication No :WO 2006/015731
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 58
No of Claims : 10

(57) Abstract :
This relates to a bicycle saddle of the type that presents two identical portions (1, 1') longitudinally symmetrical. In particular, said saddle comprises an improvement to the description in the patent application N0 V12003A000020, by the same applicant. Thanks to its special conformation, said saddle permits the cyclist to avoid the occurrence of pathologies normally caused by the use of a racing saddle of commonly known types, by eliminating the crushing of the vascular structure of the perineum, as well as (he testicles of male cyclists and the clitoris of female cyclists; The special geometry permits a pedalling action without causing friction of the thigh muscles, in particular the delicate and adducent muscles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.689/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DEVICE AND METHOD FOR UNLOADING LAMINAR ELEMENTS FROM A ROLL AND TRANSFERRING STACKS OF LAMINAR ELEMENTS, AND ROLL USED FOR SAME"

(51) International classification :B65H 29/40
(31) Priority Document No :P200402095
(32) Priority Date :27/08/2004
(33) Name of priority country :Spain
(86) International Application No :PCT/US91/06208
Filing Date :30/08/1991
(87) International Publication No :WO 92/04265
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DAVID MIRAVETE GUERRERO

No of Pages : 31
No of Claims : 34

(57) Abstract :
The invention relates to a device and method for unloading laminar elements from, and transferring stacks of such laminar elements, and to the roll used for the same. The inventive method comprises the following steps consisting of: unloading sheets from a roll (11) with the aid of a barrier (10); receiving the sheets on a support (12), such as to form a growing stack; positioning a separator (13) between two adjacent sheets in which the first sheet completes a finished stack on the support and the second sheet is held by the separator in order to begin a new stack; moving the support (12) to an outlet support (15) and pushing the finished stack with the aid of a push element (14) in order to transfer same from the support (12) to the outlet support (15); moving the support (12) to the position of the separator (13) and removing the separator (13) in order to transfer the growing stack from the separator (13) to the support (12). The invention also relates to the device used to implement said method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.690/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PRODUCING PHENOL AND METHYL ETHYL KETONE"

(51) International classification :C07C 2/70
(31) Priority Document No :60/601,661
(32) Priority Date :13/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/008557
Filing Date :05/08/2005
(87) International Publication No :WO 2006/015826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)JOHN L. ROBBINS
8)JON E.R.STANAT
9)CHARLES M. SMITH
10)JOSE GUADALUPE SANTIESTEBAN

No of Pages : 41
No of Claims : 45

(57) Abstract :
A process for producing phenol and methyl ethyl ketone comprises contacting benzene with a C4 alkylating agent under alkylation conditions with catalyst comprising zeolite beta or a molecular sieve having an X-ray diffraction pattern including d-spacing maxima at 12.4Â±0.25, 6.9Â±0.15, 3.57Â±0.07 and 3.42Â±0.07 Angstrom to produce an alkylation effluent comprising sec-butylbenzene. The sec-butylbenzene is then oxidized to produce a hydroperoxide and the hydroperoxide is decomposed to produce phenol and methyl ethyl ketone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.691/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR INTEGRATING BROWSING HISTORIES WITH MEDIA PLAYLISTS"

(51) International classification :G06F 17/30
(31) Priority Document No :2004904123
(32) Priority Date :23/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU05/001068
Filing Date :21/07/2005
(87) International Publication No :WO 2006/007651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SILVIA PFEIFFER
2)ANDRE PANG
3)CONRAD PARKER

No of Pages : 32
No of Claims : 36

(57) Abstract :
A method for maintaining a media playlist (100) and a browsing history list of a media browsing session on a media playback device. The media playlist (100) includes a reference to at least one media document available for playback on the device, and a playlist pointer (112) identifying a currently-playing media document in the playlist (100). The browsing history list includes references to zero or more content documents previously accessed in the media browsing session. Responsive to termination of playback of a first media document and loading for playback of a second media document on the media playback device, the method includes the steps of updating the playlist pointer (112) to identify the second media document as the currently-playing media document, and updating the browsing history list to include a reference to the first media document as the most recently accessed content document. The method provides a user of a media playback device with access to a playlist, as commonly provided with media players, as well as a history list, as commonly provided with web browsers, which are integrated in a consistent manner to facilitate efficient and intuitive media browsing. A corresponding media playback device and software product are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.692/DELNP/2007 A
(43) Publication Date : 27/04/2007

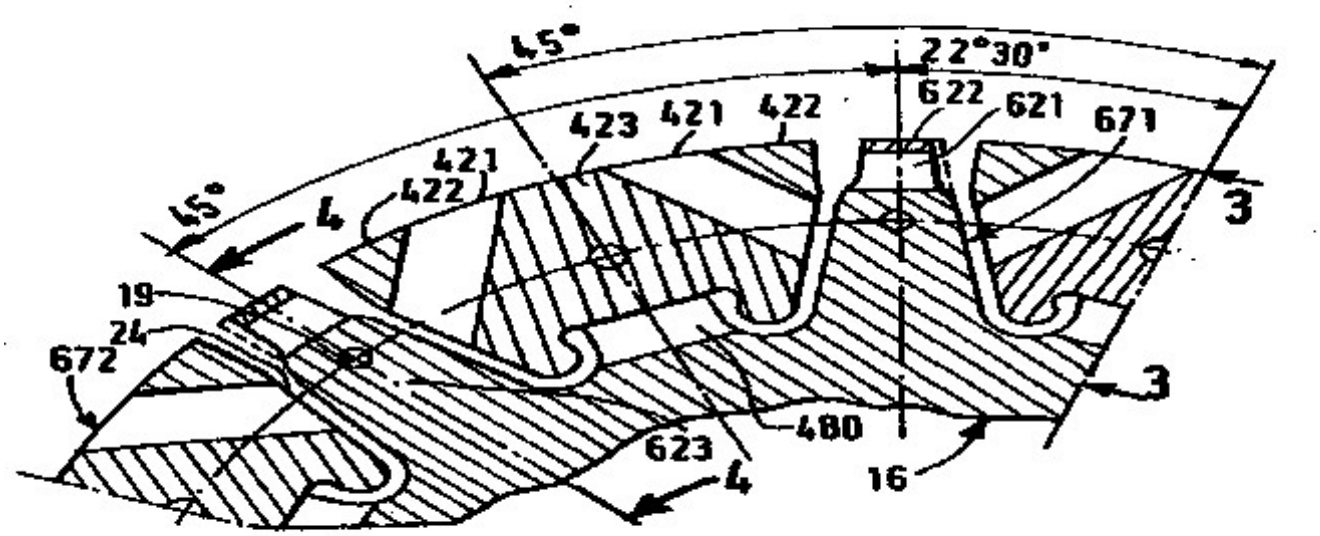
(54) Title of the invention : "FRICTION DEVICE FOR A CLUTCH, IN PARTICULAR FOR A MOTOR VEHICLE, AND A CLUTCH COMPRISING SUCH A DEVICE"

(51) International classification :F16D 3/64
(31) Priority Document No :0451708
(32) Priority Date :29/07/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050625
Filing Date :27/07/2005
(87) International Publication No :WO 2006/018584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 17

(57) Abstract :
A lining bolder disc for producing a friction disc, particularly for motor vehicles, comprising a central portion (16) and a peripheral portion split up into radial blades (672) circumferentially alternated with a series of radial tongues (671) in the plane of said central portion (16). Said blades (672) have plies (421) thus forming a central bearing zone (423) and two peripheral bearing zones (422) on either side of the central zone (423), said peripheral zones (422) being anally offset relative to said central zone (423). Some or all of said tongues (671) Cave a ply (621) thus forming a bearing zone (622) which is anally offset towards said central zone of the blades (672).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.695/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF CUTTING OFF LAMINATE LAYERS E.G. A GLASS-FIBRE OR CARBON-FIBRE LAMINATE LAYER IN THE BLADE OF A WIND TURBINE"

(51) International classification :B29C 70/54
(31) Priority Document No :PA 2004 01225
(32) Priority Date :13/08/2004
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2005/000522
Filing Date :10/08/2005
(87) International Publication No :WO 2006/015598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 8

(57) Abstract :
The invention relates to a method of cutting off laminate layers for use in a fibre-reinforced laminate object comprising a number of combined laminate layers, wherein, along a section of the at least one rim of the laminate layer, a tapering cut is performed through the thickness of the laminate layer, whereby the thickness of the laminate layer is reduced. Since not only the number of laminate layers, but also the thickness of the individual laminate layers are reduced, a laminate layer is accomplished that can be used in a laminate object, by which both the issues of areas rich in resin, air pockets and the risk of delamination are reduced. The invention also relates to a laminate layer for use in a fibre-reinforced laminate object comprising a number of combined laminate layers and a fibre-reinforced laminate object in the form of the blade of a wind turbine, wherein the blade of the wind turbine comprises a number of combined laminate layers.

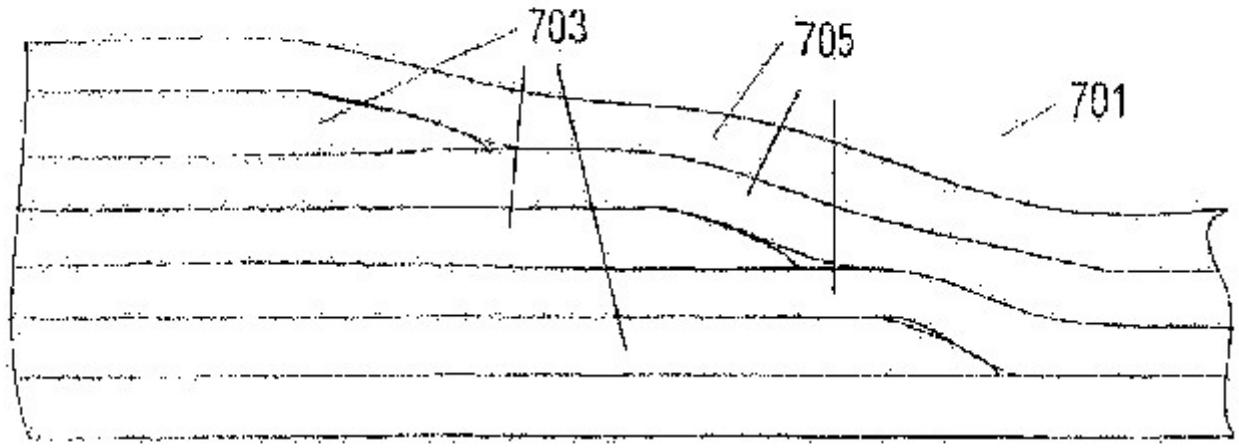


Fig. 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.696/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COATING COMPOSITIONS HAVING IMPROVED STABILITY"

(51) International classification :C08K 3/08
(31) Priority Document No :60/604,583
(32) Priority Date :26/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030303
Filing Date :26/08/2005
(87) International Publication No :WO 2006/026379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 34
No of Claims : 11

(57) Abstract :
This invention relates to waterborne coating compositions having improved compatability with metal pigments, i.e., improved shelf life and reduced gassing and gellation. The compositions comprise at least one aqueous dispersion of (1) at least one emulsion copolymer polymerized from (a) at least one ethylenically unsaturated anionic monomer and (b) at least one other olefinically unsaturated monomer, said copolymer being made using at least one phosphate surfactant having at least one phosphorus acid group or salt thereof, said copolymer being crosslinked, and (2) at least one non-water soluble metal pigment. The compositions are useful in paints and other coatings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2002
(21) Application No.697/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVICE FOR THE QUANTITATIVE ESTIMATION OF CREATININE

(51) International classification	:G01N 027/327
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RAJIV PRAKASH
4)RAMESH CHANDRA SRIVASTAVA
5)PRAHLAD KISHORE SETH

No of Pages : 12
No of Claims : 11

(57) Abstract :
The present invention describes a device for the quantitative estimation of creatinine based on bienzyme creatinine reactor and a urea bio-sensor. The estimation of the creatinine is based on the three enzymes viz. Creatininase, Creatinase and Urease. The enzymes creatininase and creatinase are immobilised in organically modified sol-gel film of precursor 3-aminopropyltriethoxysilane and 2-(3, 4-epoxycyclohexyl)-ethyltrimethoxysilane at the bottom of a reactor. The reactor is used for the estimation of the creatinine in the biological samples by converting creatinine in urea. Further the urea is estimated with a urea sensor based on urease enzyme, immobilised over a novel solid-state pH electrode. The estimation of the urea is back calculated for the quantification of creatinine in the sample. The sensor is sensitive to detect the urea as low as 10 ÂµM and creatinine up to 0.1 mM.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.697/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "STABILISED PROSTAGLANDIN COMPOSITION"

(51) International classification :A61K 9/00
(31) Priority Document No :0417401.7
(32) Priority Date :05/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002951
Filing Date :28/07/2005
(87) International Publication No :WO 2006/013335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 44
No of Claims : 12

(57) Abstract :
A pharmaceutical delivery device such as a suppository or peccary comprises a synthetic prostaglandin PGE, and logue. (e.g. misoprosol) in a solid polyurethane hydro gel. The polyurethane is either linear or cross linked.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2002
(21) Application No.698/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DIGITAL CONCRETE RESISTIVITY LOGGER WITH PC INTERFACE

(51) International classification :G01N27/72
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)MEENAKSHISUNDARAM RAGHAVAN

No of Pages : 15
No of Claims : 9

(57) Abstract :
A digital concrete resistivity logger with PC interface which comprises of a spring loaded four probe assembly, electronic hardware and software to calculate, store and display directly the resistivity of concrete, a set of keypad functions to operate and interact with logger, an interface to directly display the data on a single line 16 characters LCD display, a RS - 232C interface to transfer the data from the logger to a PC, supporting communication package to analyze the downloaded data and a hardware interface to operate the logger with a 12V battery at the measuring site.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.698/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HANDOFF BETWEEN A SIP NETWORK AND A CELLULAR COMMUNICATION SYSTEM"

(51) International classification :H04L 12/28
(31) Priority Document No :60/589,821
(32) Priority Date :20/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025810
Filing Date :20/07/2005
(87) International Publication No :WO 2006/012381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BARUCH ERUCHIMOVITCH

No of Pages : 26
No of Claims : 5

(57) Abstract :
Handoff between a wireless SIP network and a cellular communication system is provided. A system is designed to provide nomadic cellular services including voice to a SlP-enabled device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2002
(21) Application No.699/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF ZINC ALUMINATE POWDER

(51) International classification	:C08F 002/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)UDAY BHANU ADHIKARI

No of Pages : 19
No of Claims : 4

(57) Abstract :
A process for the manufacture of zinc aluminate is provided by synthesizing a powder precursor and calcining the same at low temperature. The process is an improvement on co precipitation technique where a specific buffer was used for stoichiometric precipitation of the reactive ingredients thus producing a reactive powder precursor. Heat treatment of this powder precursor produced zinc aluminate. Zinc aluminate powder thus manufactured may be used as catalytic reaction such as cracking, hydrogenation, dehydrogenation, dehydration. This material is also used as sintering aid or bonding material for sintering of various inorganic materials. This is also used as coating material, high temperature stain or as sensor in some electronic devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2002
(21) Application No.700/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SYNERGISTIC ENGOBE COATING COMPOSITION AND A PROCESS FOR THE MANUFACTURE OF COLOURED ENGOBE COATINGS AND COATED TERRACOTTA ARTICLES & CERAMIC TILES

(51) International classification	:C04B 41/86
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 21
No of Claims : 16

(57) Abstract :
This invention describes a novel engobe coating composition and a process for the manufacture of coloured engobes as coatings and coated terracotta articles and ceramic tiles. The present day engobes made from platelet shaped transparent substrates like mica, talc or glass coated with metal oxides or metal hydroxides along with/without alkaline earth metal compound and some with aluminium oxide for use as pigments in cosmetics for use at ambient temperature or as pigmenting glazes and enamels for very low to medium temperature applications are not suitable for terracotta articles, ceramic tiles and noveltywares for medium and high temperature applications. The compositions are also based on some specific raw materials available in a specific region or a country and thus, suffers from limited use. The compositions of engobes of the present invention possesses yellow and other colour decorations and consists of naturally occurring common clays as the major ingredient and talc powder, titanium dioxide and deflocculants as minor ones with the optional presence of dolomite and additional transitional metal compounds as colourants for universal applications on terracotta articles and ceramic tiles. These engobes form an impervious vitreous coating on to terracotta wares and ceramic tiles fulfilling the requirements such as surface smoothness, good adherence to the body, good frost resistance, colour stability with a matt finish, chemical durability, resistance to weathering, abrasion. These engobes also avoid the use of glaze as second coat over the engobe coat and thus, make the production process more economical.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.700/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR COMMUNICATING IN A MANAGMENT NETWORK FOR INFORMATION ON CHANGES IN ATTRIBUTES"

(51) International classification :H04L 12/24
(31) Priority Document No :10 2004039214.5
(32) Priority Date :12/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/053382
Filing Date :14/07/2005
(87) International Publication No :WO 2006/018357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)POLLAKOWSKI, OLAF
2)SUERBAUM, CLEMENS

No of Pages : 21
No of Claims : 10

(57) Abstract :
The inventive method for communicating in the management network of a communications network consists in establishing a communication between a (NMC) manager and a (OMC1, OMC2) agent with the aid of object models modelling the network resources of the telecommunications network in the form of object classes. According to the object model, the object classes are definable by determined operations, attributes or sendable messages. At least one subject class is used with an attribute describing several quantities. The (OMC1, OMC2) agent sends an information on message on the modification of at least one quantity to the (NMC) manager. Said message contains information on the quantity or quantities affected by modification and on the modified value or values of the quantity or quantities affected by the modification. The manager and agent for carrying out said method are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.701/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CIRCUIT BOARD PLUG-AND-SOCKET DEVICE"

(51) International classification :H01R 12/18
(31) Priority Document No :10 2004047672.1
(32) Priority Date :30/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/054887
Filing Date :28/09/2005
(87) International Publication No :WO 2006/035047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VERDING, MARKUS

No of Pages : 23
No of Claims : 15

(57) Abstract :
Disclosed is a circuit board plug-and-socket device for joining connecting leads of a male connector to strip conductors of a printed circuit board. Said circuit board plug-and-socket device is characterized by the following features: a) the male connector (3) comprises contact elements (11, 12, 13, 14) that are joined to the connecting leads (26); b) a pinboard (4) is embodied on one edge (24) of the circuit board (2) for plugging in the male connector (3); c) said pinboard (4) is provided with contact areas (5, 6, 7, 8, 9, 10) through which strip conductors (31, 32, 33, 34) are led out on the edge (24), strip conductors which are led out of one contact area as well as strip conductors that are led out of at least two contact areas being provided; d) a coding guide (21, 22, 23) which defines a first plug-in position and at least one additional plug-in position that is laterally Offset at a distance (25) on planes of the circuit board (2) is configured between the male connector (3) and the pinboard (4), different contact areas being allocated to the contact elements in the first plug-in position and the at least one additional plug-in position.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.702/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CIRCUIT ARRANGEMENT AND METHOD FOR CHARGING AND DISCHARGING AT LEAST ONE CAPACITIVE LOAD"

(51) International classification :F02D 41/20
(31) Priority Document No :10 2004046192.9
(32) Priority Date :23/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/052138
Filing Date :11/05/2005
(87) International Publication No :WO 2006/032543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AUGESKY, CHRISTIAN GEORG
2)GOTZENBERGER, MARTIN

No of Pages : 27
No of Claims : 13

(57) Abstract :
According to the invention, a high efficiency and low losses may be achieved in a circuit arrangement (10), for charging and discharging at least one capacitive load (Cp), in particular, a piezoactuator, whereby the charging and discharging is achieved by means of ring-around processes in a resonant circuit, brought about by controlled opening and closing of at least one first switch (T1) and at least one second switch (T2) . A controller (ST) is provided to control the switches (T1, T2) , based on at least one measured signal (UiC) , provided to the controller (ST), whereby a capacitance (Cu) and the switches (T1, T2) are arranged such that the voltage drop across the capacitance (Cu) is representative of the voltage drop (Us) across at least one (T1) of the switches (Ti, T2) . The capacitance (Cu) has a current measuring resistance (Rs) wired in series and the controller (ST) is provided with the voltage drop (Uic) across the measuring resistance (Rs) as measured signal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.703/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CONTROL DEVICE, PARTICULARLY A MECHATRONIC TRANSMISSION CONTROL DEVICE OR ENGINE CONTROL DEVICE"

(51) International classification :B60R 16/02
(31) Priority Document No :10 2004036683.7
(32) Priority Date :28/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/051956
Filing Date :29/04/2005
(87) International Publication No :WO 2006/010652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LOIBL, JOSEF
2)SMIRRA, KARL

No of Pages : 27
No of Claims : 12

(57) Abstract :
The invention relates to a control device and, for the first time, advantageously permits a number of individual partially flexible printed circuit boards (20a, 20b,) to be arranged in a manner that makes it possible to optimally disentangle signal and current paths while simultaneously reducing the investment in expensive flexible surfaces (20) to a minimum. The invention helps in saving on flexible surfaces 20) and to design flexible component parts in order to make an optimal utilization possible and so no waste results. The individual partially flexible printed circuit boards (20a, 20b,) are preferably laminated on an aluminum base plate (10). The edge areas (25) of the partially flexible printed circuit board (20a, 2b,) are formed by appropriate measures whereby obtaining a reliable sealing by means of a molded seal. The invention is suited for mechatronic control units, particularly for control devices for mounting in a transmission or engine of a motor vehicle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.704/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A TRANSACTION PROCESSING METHOD, APPARATUS AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :2004903470
(32) Priority Date :25/06/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000902
Filing Date :24/06/2005
(87) International Publication No :WO 2006/000021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 89
No of Claims : 132

(57) Abstract :
The present invention relates to transaction processing, for processing of payments between payer's (usually individ-ual payers) and payee's (usually merchants. Conventionally, a payment transaction involves a user's account details being provided to a merchant device, e.g. by swiping a card in the card swipe of the merchant device. The merchant device then prepares a transaction message including information such as the user's account ID, merchant ID and payment information and forwards that message to a transaction processing system, which may comprise a transaction acquirer and an issuing bank. The transaction processing system approves the payment and returns confirmation to the merchant. In the present invention a device associated with the payer, which in a preferred embodiment is a suitably adapted mobile telephone, becomes involved in the payment transaction process. At one level, the transaction processing system requests from the payer electronic device confirmation that the transaction should proceed and the payer keys in an appropriate PIN to authorise the transaction. At another level, all the transaction processing information is provided from the payer electronic device to the transaction processing system and the transaction processing system or the payer electronic device then confirm that the transaction is authorised to the merchant device. This takes the burden of transaction processing off the merchant and also increases the security of the transaction as the payer is in control. In a further embodiment, the payer electronic device may also upload listings of products and select products at the same time as paying for them, the payee (merchant) being advised of the selected product

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.705/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WHEEL BRAKE COMPRISING A WEAR SENSOR

(51) International classification :F16D 66/02
(31) Priority Document No :04 09119
(32) Priority Date :26/08/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/002158
Filing Date :26/08/2005
(87) International Publication No :WO 2006/024803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUSSE - GRAWITZ, MAX ERICK

No of Pages : 14
No of Claims : 8

(57) Abstract :
The invention relates to a brake (14) for a vehicle wheel (10) which is mounted in such a way that it can be rotated in relation to a wheel support (12), said brake comprising a frame (25) which is fixed to the wheel support (12), and additional mobile and fixed friction elements (20, 22). The inventive brake also comprises a device (15) for measuring a parameter representing the energetic capacity of the brake. Said measuring device (15) comprises a capacitive sensor (40) and an information processing unit (42), the capacitive sensor (40) comprising two measuring reinforcements (44) mounted face-to-face and carried by the frame (25), and a dielectric screen (46) carried by a friction element (20, 22) which can be displaced by the action of each actuator. The dielectric screen (46) slides between the two reinforcements during the clamping of the friction elements (20, 22) in order to modify the capacity of the condenser formed by the two measuring reinforcements (44). The invention also relates to the use of said brake in an aeroplane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.706/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CANINE OSTEOARTHRITIS DIET FORMULATION"

(51) International classification :A61P 19/10
(31) Priority Document No :60/584,703
(32) Priority Date :01/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/007222
Filing Date :01/07/2005
(87) International Publication No :WO 2006/002976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 43
No of Claims : 62

(57) Abstract :
Dietary formulations and methods for treating, preventing or delay onset of osteoarthritis in canines and other animals are disclosed. The formulations are enriched in n-3 fatty acids and limited in n-6 fatty acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.707/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SUPPORT POST FOR A SAFETY FENCE ASSEMBLY"

(51) International classification :E04H 17/20
(31) Priority Document No :2,475,997
(32) Priority Date :28/07/2004
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2005/001188
Filing Date :27/07/2005
(87) International Publication No :WO 2006/010270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 21

(57) Abstract :
A support post and safety fence assembly in which the post has a telescoping inner and outer tube and is supported on a threaded internal shaft coupled to a floor engaging end and ceiling engaging end preferably formed with claws that have a number of sharp penetrating points for firm engagement with a support surface. In one embodiment, a gravity lock assembly is provided for fixing the relative position of the inner and outer tubes. Dynamic adjustability of the support post is provided by internal compression springs. 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.708/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESSES FOR PREPARING BENZOQUINONES AND HYDROQUINONES"

(51) International classification :C07C 37/11
(31) Priority Document No :10/903,149
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026622
Filing Date :27/07/2005
(87) International Publication No :WO 2006/015036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KUMBHAR PRAMOD
4)MAHALINGAM RATHINAM JOTHI

No of Pages : 19
No of Claims : 28

(57) Abstract :
A process for the preparation of hydroquinone compounds comprising, reacting an aromatic hydroxy compound with an oxidizing agent in a biphasic solvent system. The reaction, is carried out in the presence of a transition metal hydroxy phosphate catalyst to produce the corresponding hydroquinone compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.709/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AUTONOMICALLY TUNING THE VIRTUAL MEMORY SUBSYSTEM OF A COMPUTER OPERATING SYSTEM"

(51) International classification :G06F 12/00
(31) Priority Document No :10/881,508
(32) Priority Date :30/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015493
Filing Date :04/05/2005
(87) International Publication No :WO 2006/007043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BURUGULA RMANJANEYA SARMA

No of Pages : 22
No of Claims : 11

(57) Abstract :
A method, information processing system, and computer readable medium for efficiently distributing a computer system's main memory among applications running in that operating system instance. More specifically, threshold values used by a page replacement algorithm of the virtual memory manager are automatically tuned in response to the load on the memory of a computer system. One such threshold value is the lower threshold of free memory which is changed as a function of the load on the memory. For example, such a load might be represented as the number of threads that were added to a waiting queue during a defined interval of time divided by the number of clock tics in that interval. This representation is known as the thread wait rate. This rate is then compared to a target rate to determine if the lower threshold value should be changed. When the free memory space falls below the lower threshold, a page replacement daemon is used to page out memory to make more memory space available.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.710/DELNP/2007 A
(43) Publication Date : 27/04/2007

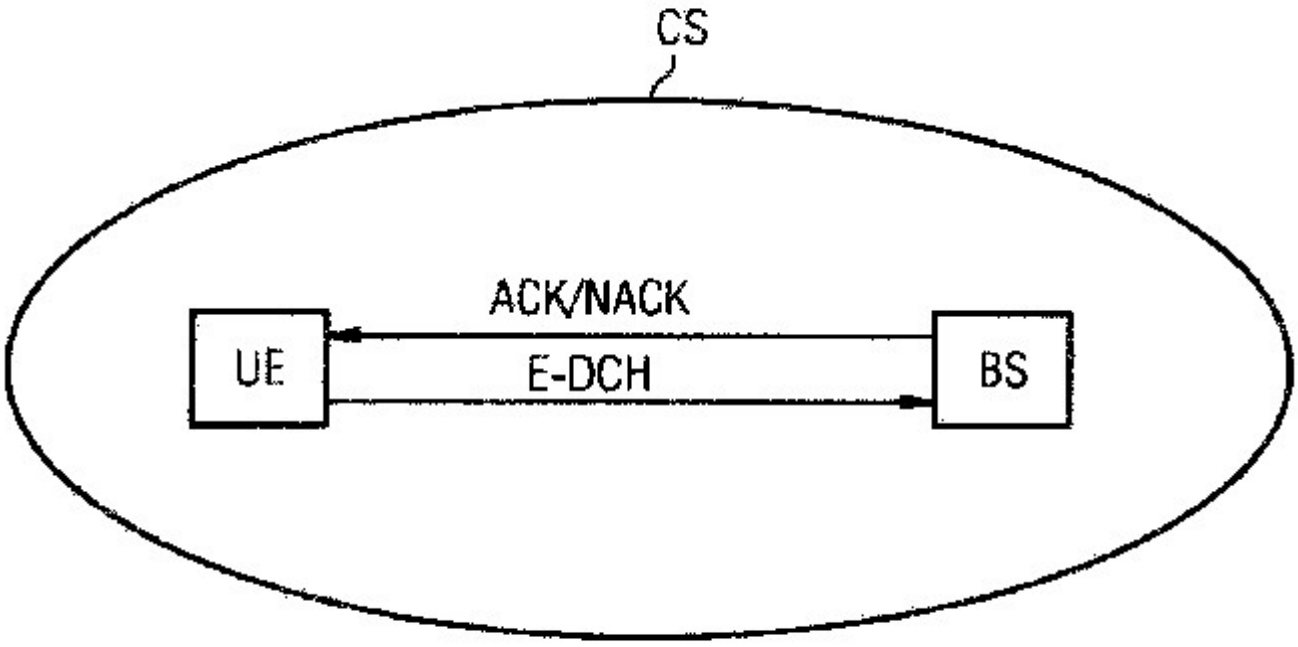
(54) Title of the invention : NOISE SUPPRESSION PROCESS AND DEVICE

(51) International classification :H04L 1/18
(31) Priority Document No :EP04021970.1
(32) Priority Date :15/09/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/054578
Filing Date :15/09/2005
(87) International Publication No :WO 2006/030019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAAF : BERNHARD

No of Pages : 44
No of Claims : 14

(57) Abstract :
The invention concerns a Decoding Method for decoding an information content contained in at least one data packet, which is transmitted from a sender (UE) to a receiver (BS) via a data link (E-DCH) wherein said information is represented by a bit sequence, which is transformed into a transmittable redundancy version and wherein a) Initial transmitting of the information for a first time in a first data packet from the sender (UE) to the receiver (BS), wherein the information is represented by a first redundancy version, which is self-decodable; b) Confirming of an incorrect receipt by sending a confirmation from the receiver (BS) to the sender (UE); c) Retransmitting the information at least a second time in a second data packet from the sender (UE) to the receiver (BS) upon receipt of a confirmation in step b), wherein for representation of the information a second redundancy version is used, the selection of which is performed in dependence on a coding parameter, describing whether the redundancy version is self-decodable or not.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.712/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD OF COMMUNICATING DATA IN A WIRELESS MOBILE COMMUNICATION SYSTEM"

(51) International classification :H04Q 7/38
(31) Priority Document No :10-2004-0048423
(32) Priority Date :25/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/00199
Filing Date :25/06/2005
(87) International Publication No :WO 2006/073228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHO, KI HYOUNG

No of Pages : 74
No of Claims : 86

(57) Abstract :
A method of communicating data in a wireless communication system is disclosed. More specifically, a method discloses transmitting a request by a mobile subscriber station (MSS) to a network entity via a de-registration request message requesting the network entity to retain a preferred session information, and receiving a selected session information, and receiving a selected session information via a de- registration command response from the network entity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.713/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VERIFYING AVAILABILITY OF IDLE-MODE MOBILES SUBSCRIBER STATION IN WIRELESS ACCESS SYSTEM"

(51) International classification :H04Q 7/38
(31) Priority Document No :10-2004-0048431
(32) Priority Date :25/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001998
Filing Date :25/06/2005
(87) International Publication No :WO 2006/001673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIM, BEOM JOON

No of Pages : 40
No of Claims : 45

(57) Abstract :
A method of verifying availability of a mobile subscriber station that is in an idle-mode includes requesting to a base station by the mobile subscriber station to enter an idle-mode, wherein the base station is associated with a paging group comprising a plural-ity of base stations, and receiving from the base station an idle- mode response command to enter the idle-mode. The method also includes receiving from the base station a paging command comprising an action code associated with performing ranging while the mobile subscriber station is in the idle-mode to verify availability of the mobile subscriber station with respect to the base station, wherein if the ranging is not successfully performed with the base station during a predetermined period, the base station continues to transmit the paging command until a paging retrial count reaches a predetermined threshold.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.714/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NOVEL COMPOSITIONS OF FAT-SOLUBLE SUBSTANCES

(51) International classification	:A23L 1/275
(31) Priority Document No	:04019678.4
(32) Priority Date	:19/08/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/008297
Filing Date	:01/08/2005
(87) International Publication No	:WO 2006/018119
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FUNDA, ELGER

No of Pages : 10
No of Claims : 14

(57) Abstract :
The invention relates to novel powderous, water-soluble compositions of fat-soluble substances and aqueous solutions or emultions thereof, wherein the fat-soluble substance(s) are encapsulated as inner (discontinuous) phase within an outer (continuous) phase of a matrix substance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2005
(21) Application No.715/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYSTALLINE SOLID FAMCICLOVIR FORMS I, II, III, AND PREPARATION THEREOF"

(51) International classification :C07D 473/34
(31) Priority Document No :60/406, 173
(32) Priority Date :26/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/026875
Filing Date :26/08/2003
(87) International Publication No :WO 2004/018470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHLOMIT WIZEL
3)OFER REANY
4)JENNY SHAMMAI

No of Pages : 21
No of Claims : 43

(57) Abstract :
The present invention provides novel crystalline solid anhydrous forms of famciclovir, denominated form 1, II. and III, as well as their preparations thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.715/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PRODUCTION OF ISOPRENOIDS

(51) International classification :C12N 15/53
(31) Priority Document No :04019646.1
(32) Priority Date :19/08/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/008702
Filing Date :11/08/2005
(87) International Publication No :WO 2006/018211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MANHART, CHRISTIAN
3)SIMIC, PETRA

No of Pages : 45
No of Claims : 13

(57) Abstract :
The present invention relates to a process for the production of isoprenoids, in particular Coenzyme Q-10 by microorganisms. More particularly, the present invention relates to a process for increased production of Coenzyme Q-10 by microorganisms of the genus Rhodobacter, preferably of the species R. sphaeroides which have been transformed with one or more gene(s) of the mevalonate (mev) operon from a different microorganism, preferably of the genus Paracoccus, more preferably of the species P. zeaxanthinifaciens, whereby the mev operon is mutated leading to an increased coenzyme Q-10 production. Sequences carrying such a mutation as well as a microorganism carrying such a mutated mev operon are also included.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.716/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE RECITIFICATION OF MIXTURES OF HIGH-BOILING AIR-AND/OR TEMPERATURE-SENSITIVE USEFUL PRODUCTS

(51) International classification :C07D 311/72
(31) Priority Document No :01365/04
(32) Priority Date :19/08/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2005/008822
Filing Date :13/08/2005
(87) International Publication No :WO 2006/018256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WILDERMANN, ANGELA
4)WOLF, THOMAS

No of Pages : 25
No of Claims : 12

(57) Abstract :
According to the invention, a process for the rectification of mixtures of high-boiling air- and/or temperature-sensitive substances which require a high separation efficiency is proposed, in particular a process for the working-up of a VE- or VEA-containing product stream. The process is characterized in particular in that, in a first purification stage, low boiling products and unspecified isomers of the useful product are separated from the product stream virtually without loss of useful product and that, in a second purification stage, the useful product is removed in a stream having a purity of > 97% by weight and a further stream having a purity of > 92% by weight. A preferred embodiment of the process serves for working up VEA, in which the loss of useful product in the first purification stage is less than 5%, based on that amount of VEA in the feed which is added to the purification stage per unit time. Further more, the first purification stage may comprise a rectification column (1), from the top (la) of which the low-boiling products and the unspecified isomers of VEA are taken off, a stream containing the useful product in purified form being taken off at the side (15) and/or at the bottom (Ib) of the column (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.717/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR INTRODUCING A PNA MOLECULE CONJUGATED TO A POSITIVELY CHARGED PEPTIDE INTO THE CYTOSOL AND/OR THE NUCLEUS BY PHOTOCHEMICAL INTERNALISATION (PCI)

(51) International classification :C12N 15/87
(31) Priority Document No :0415263.3
(32) Priority Date :07/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002679
Filing Date :07/07/2005
(87) International Publication No :WO 2006/003463
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BÃ¸E, SIGURD

No of Pages : 84
No of Claims : 39

(57) Abstract :
The present application relates to a method for introducing a PNA molecule into the cytosol, preferably the nucleus of a cell, comprising contacting said cell with a PNA molecule and a photosensitising agent, and irradiating the cell with light of a wavelength effective to activate the photosensitising agent, wherein said PNA molecule is conjugated to a positively charged peptide. Compositions comprising such conjugated PNA molecules, cells made using the method and uses of the method are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.719/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PURIFICATION DEVICE, INSERT AND METHOD OF PURIFYING A LIQUID"

(51) International classification :C02F 1/461
(31) Priority Document No :0401752-1
(32) Priority Date :02/07/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/001103
Filing Date :02/07/2004
(87) International Publication No :WO 2006/004539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAHMANN, ROBERT
3)KOOS, PAULINA

No of Pages : 21
No of Claims : 33

(57) Abstract :
The present invention relates to a purification device for the purification of a liquid such as water, preferably drinking water, which purification device comprises at least one casing (1) having at least one insert (10), said casing (1) having at least one inlet (8) and at least one outlet (9) for the liquid and said insert (10) comprising at least one filter (15) located in a flow path of the liquid. The purification device comprises at least one galvanic couple (12, 14) located in said flow path. The present invention also relates to an insert and a method of purifying a liquid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2003

(21) Application No.720/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "KEG FOR TAPPING LIQUIDS UNDER THE EFFECT OF PRESSURE"

(51) International classification	:B65D 8/02
(31) Priority Document No	:00/14446
(32) Priority Date	:10/11/2000
(33) Name of priority country	:France
(86) International Application No	:PCT/FR01/03484
Filing Date	:09/11/2001
(87) International Publication No	:WO 02/38457
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

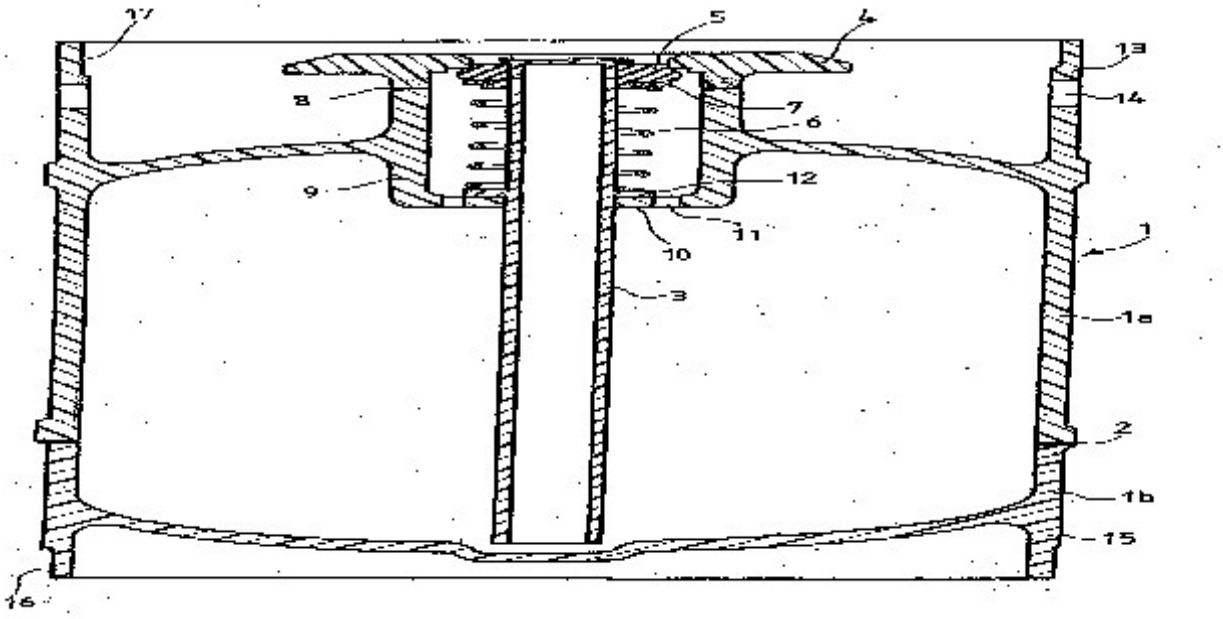
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(72)**Name of Inventor :**
1)DENIS DELBARRE

No of Pages : 16
No of Claims : 16

(57) Abstract :
The keg according to the invention comprises: (A) a shaped jacket or liner forming a container, obtained from at least two nonsymmetrical parts (1a, 1b) welded together, one of said parts containing an opening provided with a neck, and (B) a filling/tapping device (3) positioned in the neck of said opening, while the part of the container with the filling/tapping opening contains a riser or peripheral skirt (13) having a height at least equal to that of the outer part of said filling/tapping device and, by option, sufficient to contain at least one cutout forming a handle, and while the said neck of said opening contains a part (9) extending inside the space of said jacket and having a limited diameter at its end (10), so as to permit passage and maintenance of the tapping device (3), and containing at least one other opening (11), advantageously on the periphery of said opening for passage and maintenance of the tapping device. Application to beer kegs.

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FIG_1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.720/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRYSTALLIZATION OF ANTIBODIES OR FRAGMENTS THEREOF"

(51) International classification :C07K 16/22
(31) Priority Document No :60/590,707
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026017
Filing Date :22/07/2005
(87) International Publication No :WO 2006/012500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUKAMI, JULIE
3)CROMWELL, MARY E.M
4)DINGES, RACHEL BULOTSKY

No of Pages : 69
No of Claims : 42

(57) Abstract :
The present disclosure concerns methods of crystallization and/or concentration of antibody or antibody fragments. The methods comprise contacting an antibody or antibody fragment with a solution comprising a salt of a divalent cation. Crystals protein gels of antibody or antibody fragments are useful in compositions and formulations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007
(21) Application No.721/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WASTE PRESS DEVICE"

(51) International classification :B30B 9/30
(31) Priority Document No :20041034
(32) Priority Date :28/07/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000341
Filing Date :26/07/2005
(87) International Publication No :WO 2006/010789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAUHIALA, MARKO TAPANI

No of Pages : 10
No of Claims : 7

(57) Abstract :
The invention relates to a waste press device consisting of a rotating drum (8). The drum (8) contains an eccentric internal shaft (9), from which striking rods (12) pass through a inlet hole (10) and through the drum, with the drum end reciprocating axially during one revolution.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2007

(21) Application No.722/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SOLID ORAL DOSAGE FORMS OF AZABICYCLO DERIVATIVES."

(51) International classification	:A61K 9/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2005/052104
Filing Date	:24/06/2005
(87) International Publication No	:WO 2006/003587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)AYANAMPUDI SRI RAMA MURTHY

No of Pages : 15
No of Claims : 9

(57) Abstract :
The present invention relates to solid dosage forms for oral administration of an azabicyclo derivative or itâ€™s pharmaceutically acceptable solvates, esters, enantiomers, diastereomers, N-oxides, polymorphs and metabolites; and processes for the preparation of such solid dosage forms. The solid dosage forms can be characterized as having excellent content uniformity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.723/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MUTATED HIV NEF FOR MODULATING IMMUNITY

(51) International classification :A61K 39/21
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2005/008907
Filing Date :17/08/2005
(87) International Publication No :WO 2006/018289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HEIDMANN, THIERRY

No of Pages : 49
No of Claims : 47

(57) Abstract :
The present invention relates to the use of a mutation of at least one amino acid in the immunosuppressive domain of a HIV or SIV accessory protein called Nef (Negative Regulatory Factor), for modulating the immunosuppressive property of the said protein. This aspect has important applications in the manufacture of vaccines for use in the prevention and treatment of infections caused by HIV / SIV and also development of processes for screening of anti-viral compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2005
(21) Application No.725/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AGGREGATE WITH INCREASED DEFORMABILITY, COMPRISING AT LEAST THREE AMPHIPATS, FOR IMPROVED TRANSPORT THROUGH SEMI-PERMEABLE BARRIERS AND FOR THE NON-INVASIVE DRUG APPLICATION IN VIVO, ESPECIALLY THROUGH THE SKIN"

(51) International classification :A61K 9/127
(31) Priority Document No :60/417,874
(32) Priority Date :11/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2003/011202
Filing Date :09/10/2003
(87) International Publication No :WO 2004/032900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 165
No of Claims : 131

(57) Abstract :
The application describes combinations of at least three amphipatic substances forming aggregate suspensions in a polar liquid. Judicious choice of system components, which differ at least 2-times to 10-times in solubility, ensures said aggregates to have extended, unusually adaptable surfaces. This is probably due to simultaneous action on said aggregates of at least two more soluble substances amongst said three system components, at least one of which is an active ingredient and preferably a drug; the third component, alternatively, can take the role of a drug. The application further deals with the use of said combinations in pharmaceutical preparations capable of transporting drugs into the body of warm blood creatures. This is made possible by the drug loading capability of said aggregates with the highly flexible and deformable coating, which renders the resulting drug carriers highly adaptable. The application finally reveals suitable methods and favourable conditions for carrier manufacturing and application. The application also describes novel formulations of nonsteroidal anti-inflammatory drugs (NSAIDs) based on complex aggregates with at least three amphipatic components suspended in a suitable, e.g. pharmaceutically acceptable, polar liquid medium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.725/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CARRIER DELIVERY SEQUENCE SYSTEM AND PROCESS ADAPTED FOR UPSTREAM INSERTION OF EXCEPTIONAL MAIL PIECES"

(51) International classification :B07C 5/00
(31) Priority Document No :60/589,634
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025899
Filing Date :21/07/2005
(87) International Publication No :WO 2006/012430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 68
No of Claims : 23

(57) Abstract :
A system and method are disclosed for sorting a group of mail pieces and at least one exceptional mail piece into a desired sequence. A plurality of holders hold each mail piece, and the holders move downstream in the system. Data about each mail piece is associated with its respective holder. The exceptional piece is loaded into a holder upstream from where the group of mail pieces are singulated and loaded, so that the group of mail pieces are only loaded into holders that remain unoccupied after loading the exceptional piece. Subsequently, each of the holders is unloaded based upon the data associated with each of the holders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006

(21) Application No.7256/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CARBONYLATION OF ESTER"

(51) International classification :C07C 51/09
(31) Priority Document No :0411951.7
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001911
Filing Date :18/05/2005
(87) International Publication No :WO 2005/118519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 46
No of Claims : 19

(57) Abstract :
A process for the alkoxycarbonylation of a vinyl ester comprising reacting a vmyr ester wrar carbon monoxide in the presence of an alkanol and a catalyst system. The catalyst system used in the said process is obtainable by combining: a) a metal of Group VIIIB or a compound thereof, and b) a bidentate ligand of general formula (I) wherein, R is a covatent bridging group; R1 together with Q2 to which it is attached form an optionally substituted 2-Q2-tricyclo[3.3.1.1{3,7}]decyl group or derivative thereof(2-PA); R2 and R3 independently represent univalent radicals upto 20 atoms or jointly form a bivalent radical of up to 20 atoms; and Ql and Q2 each independently represent phosphorous, arsenic or antimony. The process is carried out for the production of a 3-hydroxy propanoate ester or acid of formula (II) The process may also be carried out for the production of a lactate ester or acid of formula III

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006

(21) Application No.7257/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TAPER LOCK BEARING ASSEMBLY"

(51) International classification :F16C 35/07
(31) Priority Document No :10/850, 601
(32) Priority Date :19/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000328
Filing Date :03/03/2005
(87) International Publication No :WO 2005/111447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CROWLE, ROGER, DAVID

No of Pages : 26
No of Claims : 17

(57) Abstract :
A bearing assembly tockable onto a shaft. The bearing assembly comprises a first tapered adapter defining a first axial bore for the receipt of the shaft which has an outer, annular tapered surface. There is a second tapered adapter defining a second axial bore for receipt of a sleeve portion of the first adapter. The second tapered adapter has an outer, annular tapered surface tapered at a taper angle opposite to that of the first tapered adapter such that the first and second tapered adapters co-operate to define an outer annular surface having a generally V-shaped configuration that tapers from spaced greater diameter outer ends to adjacent lesser diameter inner ends. The opposed tapered surfaces have a fixed limit in their axial travel toward each other along the shaft defined by engagement of the lesser diameter inner ends. When the tapered surfaces reach the end of their travel, the bearing supported on the tapered surfaces is tightened on the shaft with the correct clearances.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7258/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD FOR ALTERING THE CD4/CD8 RATIO AND THE MONONUCLEAR CELLULAR INFILTRATE INTO A TUMOR"

(51) International classification :A01N 37/18
(31) Priority Document No :60/576,601
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019263
Filing Date :03/06/2005
(87) International Publication No :WO 2005/120550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TALOR, EYAL

No of Pages : 33
No of Claims : 34

(57) Abstract :
A method for altering the CD4/CD8 ratio and the mononuclear cellular ifrrTltrate* fnto a tumor that IV T4 f\ ET f^ Ofl results in significant modulation of the infiltrating immune cells shown by a decrease^ cbptliceflsi and a significant increase in tumor infiltrating CD4+ T cells. A dose of 800 lU/day as IL-2 for 5 days per week for 3 weeks of a Leukocyte Interleukin Injection (LI) being a serum-free and mitogen-free mixture comprised of specific ratios of cytokines IL-l&bgr;, TNF-&agr;, IFN-ϝ and GM-CSF to Interleukin 2 (IL-2) resulted in a paradigm shift. The paradigm shift is defined as a marked CD4+ T cell infiltrate and a clear and specific change in the density and localization of antigen presenting cells such as dendritic cells and inflammatory cells, particularly neutrophils in cancer nests.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7259/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CYSTEAMINES FOR TREATING COMPLICATIONS OF HYPERCHOLESTEROLEMIA AND DIABETES"

(51) International classification :A61K 31/095
(31) Priority Document No :60/567,899
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015306
Filing Date :29/04/2005
(87) International Publication No :WO 2005/107730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHAN BILL PIU
2)WONG GARY KWAN PO
3)XU JINXIAN
4)CHI FRANCIS

No of Pages : 30
No of Claims : 41

(57) Abstract :
The subject invention provides materials and methods for modulating a variety of bid&gical factors to treat biological conditions associated with the factors. In one embodiment of the invention, a cysteamine compound is administered to a patient to treat hypercholesterolemia and/or complications associated with hypercholesterolemia. In another embodiment, a cysteamine compound is administered to a patient to prevent the onset of diabetes in an at-risk patient and/or treat or prevent the onset of diabetes-associated complications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.726/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MEDICAMENTS FOR TREATING CHRONIC RESPIRATORY DISEASE"

(51) International classification :A61K 31/52
(31) Priority Document No :0417481.9
(32) Priority Date :05/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/003039
Filing Date :03/08/2005
(87) International Publication No :WO 2006/013359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CRAIG FOX
2)HARRY FINCH
3)MARY FITZGERALD

No of Pages : 43
No of Claims : 21

(57) Abstract :
There is provided the use of a methylxanthine compound and a steroid in a synergistic combination for the trearment of a respiratory discase, wherein the methylxanthine compound is administered at a dose which, in isolation, is not effective to treat said disease.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006

(21) Application No.7260/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR MANUFACTURING INSULATING PANELS WITH POLIMERIC FOAM AND MINERAL WOOL"

(51) International classification :B29C 44/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2004/000240
Filing Date :03/05/2004
(87) International Publication No :WO 2005/105406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORANDI,MAURIZIO

No of Pages : 13
No of Claims : 12

(57) Abstract :
The invention relates to a process for manufacturing insulating panels usine a laver of polymer foam (10) and a layer of mineral wool (12). In order to obtain uniform expansion of the resin forming the insulating foam, an interface (15) is applied onto the fibrous layer of mineral wool so as to reduce the frictional resistance to the resin as it expands. Advantageously this interface may be obtained by spraying a film of the same resin as the foam.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7261/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CATIONIC BACTERIOCHLOROPHYLL DERIVATIVES AND USES THEREOF"

(51) International classification :A61K 31/409
(31) Priority Document No :60/577,196
(32) Priority Date :07/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000602
Filing Date :07/06/2005
(87) International Publication No :WO 2005/120573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SALOMON YORAM
4)COHEN DORON
5)AVRAHAM

No of Pages : 102
No of Claims : 112

(57) Abstract :
Iruention provides canonic tetracyclic and pcntacyclic bacteriochlorophyl 1 derivatives (Bchls) omtaimng at least one positively charged group and/or at least one basic group that is converted to a p.ismvelv charged group under physiological conditions, preferably Bchls having an onium group ;i.:n\cd ironi a N-containing aliphatic or helerocyelic radical such as ammonium, guanidinium. ;:"!ida/olium. pyridinium, anil the like or a phosphonium, arsonium, oxonium, sulibnium, selenoniuiu, u-iluromum. stibonimn. or hismuthonium group, or a basic group that is converted to such onium i"nnips under physiological conditions, said groups being bound to one or more of the positions 17 . M" and V1 of the Belli molecule by ester or amide bond. The Bchls are useful for photodynamic iSKTupv and iliagnosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7262/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "OPERATING METHOD OF IMAGE-SENSING UNIT AND IMAGE-SENSING DEVICE USING THE SAME"

(51) International classification :H01L 31/10
(31) Priority Document No :60/578, 477
(32) Priority Date :09/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2004/001410
Filing Date :03/12/2004
(87) International Publication No :WO 2005/122555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LAI, CHENG-HSIAO
2)KING, YA-CHIN
3)YU, YUEH-PING

No of Pages : 22
No of Claims : 21

(57) Abstract :
The invention is directed to an operating method for an image-sensing unit and the imago-sensing device using the same. The image-sensing unit comprises a photogatc, i\ plKHodiodc assembled with the phologatc, and a first switch. One terminal oi" the lirsl switch is coupied to a reference voltage, and the other terminal thereof is coupled to the phoiodiode. The operating method comprises: (a)Applying a first voltage to the photogate, (b)Tuming on a first switch, (c)Turning off the first switch at a first time, (xilThe photodiode being irradiated by a light, (e)Stoppmg applying a first voltage value to the photogate at a second time, {QApplying a second voltage to the photogate at a third time, and (g)Maintaini:ig the turn-off state of the first switch until a fourth time. The operating method for an image-sensing unit enables the image-sensing device using the same to enhance the dynamic ranue thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7263/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : USE OF HUMAN LYSOZYME IN PREPARATON OF MEDICINE FOR TREATING ACNE

(51) International classification :A61K 38/43
(31) Priority Document No :200410020737.6
(32) Priority Date :10/06/2004
(33) Name of priority country :China
(86) International Application No :PCT/CN2005/000821
Filing Date :09/06/2005
(87) International Publication No :WO 2005/120555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AN, MI

No of Pages : 16
No of Claims : 8

(57) Abstract :
A new use of human lysozyme is disclosed, especially human lysozyme can be used in the treatment of acne. Human lysozyme can be used for preparing medicine for treating acne induced by staphylococcus aureus, staphylococcus epidermidis, propionibacterium, acarus and drug-resistant bacteria. The medicine can be prepared in the form of spray, drop, ointment and so on.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7264/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HUMAN LYSOZYME MEDICINE, ITS MANUFACTURING METHOD AND APPLICATION THEREOF

(51) International classification :A61K9/12
(31) Priority Document No :200410020738.0
(32) Priority Date :10/06/2004
(33) Name of priority country :China
(86) International Application No :PCT/CN205/000822
Filing Date :09/06/2005
(87) International Publication No :WO 2005/120556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 29
No of Claims : 7

(57) Abstract :
The present invention relates to biomedicine, in particular, relates to human lysozyme medicine in the form of aerosol, which contains 1,500-3,000,OOOU/ml human lysozyme, and its manufacturing method. In a certain embodiment of the invention, the medicine consist of recombinant human lysozyme which acÂtivity is at the range of 15.OOOu-300.OOOU/ml, 0.28 span85, 0.28g oleic and acetic acid, 10g 134A, 80% 10-20mM (pH6.5-07.5) phosphate buffer, and 5-25% propytene glycol. The medicine of the invention can be used to preÂventing and treating the pneumonia, tracheitis, faucitis or amygdalitis, which is caused by virus, bacterium, drug-resistant bacteria or chlorine, and can be used to treating tracheitis, pneumonia, or abscess of lung, which is caused by virus or SAES. Compared to other form, the present human lysozyme mediÂcine in the form of aerosol is more convenient in administration, and can enÂhance curative effect, and has no toxic side effect.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7265/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PLATELET FOR USE IN A SPIRAL SEPARATOR PACK."

(51) International classification :B01D 17/02
(31) Priority Document No :9922472.7
(32) Priority Date :22/09/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB00/03587
Filing Date :19/03/2000
(87) International Publication No :WO 01/21273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/00298/DEL
Filed on :13/03/2002

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1) DE HOXAR DAVID

No of Pages : 35
No of Claims : 14

(57) Abstract :
There is described a liquid treatment installation including a tank which defines a substantially vertical flow channel of circular cross section. Disposed coaxially in the flow channel there is a spiral separator plate pack 20 which comprises one or more conical helical plates which define at least one helical flow passage between axially facing surfaces of the plate or plates. The conical helical plate or plates of the separator plate pocfc 20 consist of a plurality of platelets 10, which have dimensions that allow them to pass through an opening 21 which runs axially through the centre ol the spiral separator. The invention also relates to a method of constructing the above liquid treatment installation and to a method for assembling the spiral separator plate pack 20.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7266/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LEAF AND DEBRIS SWEEPER"

(51) International classification :A01G 1/12
(31) Priority Document No :2004902331
(32) Priority Date :03/05/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000634
Filing Date :03/05/2005
(87) International Publication No :WO 2005/106128
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 12

(57) Abstract :
This invention relates to a process for forming metal boride coating on surface of steel and alloyed steel components subjected to high stress conditions comprising the steps of: preparing a packing mixture essentially consisting of boron (10%) boron carbide (20%), activator (Aluminium bi-flouridc 2%) and the balance being silicon carbide; packing said alloyed steel component with said packing mixture covering a thickness of 10 mm; disposing said packed component in a suitable steel container, placing said container in a furnace having provision for pressure rise upto 30 kg/mm2; d}Â Â Â allowing a heating of said container under said pressure in said furnace in an inert atmosphere of Argon to a temperature of 735Â°C to 780Â°C; e)Â Â Â removing the heated container from said furnace and cooling the said container by compressed air; to obtain required thickness and the hardness of formed boride metal layer on said component.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006

(21) Application No.7267/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SLUDGE TREATMENT PROCESS.

(51) International classification :C02F 11/00
(31) Priority Document No :60/575,360
(32) Priority Date :01/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019174
Filing Date :01/06/2005
(87) International Publication No :WO 2005/118490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MUSSARI, FREDERICK, P.
3)SCHMITZ, WILFRIED, J.

No of Pages : 20
No of Claims : 19

(57) Abstract :
A method utilizing chlorine dioxide and nitrous acid or other non-charged chemical species for the treatment of biosolids to destroy pathogens is provided. The method uses chlorine dioxide to modulate the ORP of the matrix, acidification of the sludge (biosolids) to a pH of less than 4.0, and provides for the addition of nitrous acid for enhanced disinfection in a closed system to prevent volitalization.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7268/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CATALYST COMPOSITION AND METHOD FOR HALOGENATING AROMATIC COMPOUNDS"

(51) International classification :B01J 31/02
(31) Priority Document No :10/870,353
(32) Priority Date :16/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020787
Filing Date :13/06/2005
(87) International Publication No :WO 2006/009661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NADKARNI PRADEEP JEEVAJI

No of Pages : 21
No of Claims : 40

(57) Abstract :
A method for ring-halogenating an aromatic compound comprises contacting with chlorine or bromine, a mixture comprising the aromatic compound and a mixed copper salt of formula Cu(Y)X, where Y comprises a counterion derived from an organic acid, where the organic acid has a pKa relative to water 6f 0 or greater; and X comprises Cl, Br, I, or (SO42")i/2; to produce a reaction mixture comprising a haloaromatic compound and a copper(II) halide residue.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7269/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTILAYER COMPOSITES WITH SPECIAL VISUAL EFFECT"

(51) International classification :B32B 25/08
(31) Priority Document No :10/869,134
(32) Priority Date :16/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021414
Filing Date :16/06/2005
(87) International Publication No :WO 2006/0077419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 47
No of Claims : 32

(57) Abstract :
The present invention relates to multilayer composites which show special visual effects while maintaining other beneficial properties such as melt strength antf impact strength. In one embodiment the present invention relates to a multilayer composite comprising, in sequence, (i) optionally, an outer layer comprising"-an acrylic resin which is substantially transparent to visible light, (ii) a second layer comprising a first rubber modified thermoplastic resin which is substantially transparent to visible light, and at least one additive to provide a special visual effect; (iii) a third layer comprising a light-blocking layer; (iv) a fourth layer comprising a second rubber modified thermoplastic resin different from said first rubber modified thermoplastic resin; (v) optionally, a fifth layer comprising a tielayer; and (vi) optionally, a substrate layer.. In other embodiments the present invention relates to articles made from the composite.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.727/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND PROCESS FOR REDUCING NUMBER OF STOPS ON DELIVERY ROUTE BY IDENTIFICATION OF STANDARD CLASS MAIL"

(51) International classification :B07C 5/00
(31) Priority Document No :60/589,634
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025634
Filing Date :21/07/2005
(87) International Publication No :WO 2006/014667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DOUGLAS B. QUINE

No of Pages : 67
No of Claims : 20

(57) Abstract :
A system and method are disclosed for sorting, mail pieces that may include both standard and higher class mail. The mail pieces are for delivery to various addresses, and the present invention postpones delivery to some addresses if those addresses are receiving insufficient mail According to this method, data is collected about each mail piece, and that data for each mail piece is associated with a respective holder that holds the mail piece. Mail is withheld from immediate delivery if the collected data associated with the holder indicates that the mail piece is standard class having a non-immediate delivery deadline, provided that the collected data associated with ether holders indicates that there are no other pieces having the same address and having cither a higher class or an immediate delivery date.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7271/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NUCLEIC ACIDS,POLYPEPTIDES, METHODS OF EXPRESSION, AND IMMUNOGENIC COMPOSITIONS ASSOCIATED WITH SARS CORONA VIRUS SPIKE PROTEIN"

(51) International classification :A61K 39/215
(31) Priority Document No :10/860,641
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/006512
Filing Date :03/06/2005
(87) International Publication No :WO 2005/118813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)SIU YU LAM
8)TSE KONG SAN
9)STAROPOLI ISABELLE
10)MANUGUERA JEAN-CLAUDE

No of Pages : 82
No of Claims : 57

(57) Abstract :
Nucleic acid molecules, polypeptides, immunogenic compositions, vaccines, and methods of making and using the nucleotides and encoded polypeptides associated with the Spike protein of SARS Corona Virus (SARS CoV) are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7272/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR RECYCLING CATALYST COMPOSITIONS FOR AROMATIC RING HALOGENATION"

(51) International classification :B01J 31/02
(31) Priority Document No :10/870,352
(32) Priority Date :16/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020788
Filing Date :13/06/2005
(87) International Publication No :WO 2006/009662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HANCU DAN

No of Pages : 23
No of Claims : 28

(57) Abstract :
A method for recovering and reusing a ring-halogenation catalyst comprises: (A) contacting an aromatic compound with chlorine or bromine in the presence of a catalyst composition, where the catalyst composition comprises at least one salt comprising a Group 4-13 metal, a lanthanide metal, or an actinide metal; and at least one organic counterion derived from an organic acid having a pKa relative to water of 0 or greater; and at least one organic sulfur compound; to form a first product mixture comprising a monochloro or a monobromo aromatic compound and a Group 4-13 metal halide, a lanthanide metal halide or an actinide metal halide; (B) separating the metal halide from the first product mixture; and (C) contacting at least a portion of the metal halide and an aromatic compound with chlorine or bromine, and at least one organic sulfur compound; to form a second product mixture comprising a.monochloro or a monobromo aromatic compound and a Group 4-13 metal halide, a lanthanide metal halide or an actinide metal halide.ving a pKa relative to water of 0 or greater; and at least one organic sulfur compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7273/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR FORMING A HEAT EXCHANGER"

(51) International classification :B21D 53/06
(31) Priority Document No :10/858,726
(32) Priority Date :02/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042074
Filing Date :15/12/2004
(87) International Publication No :WO 2005/121508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WOOD, JAMES GARY

No of Pages : 12
No of Claims : 16

(57) Abstract :
A heat exchanger and method for making a heat exchanger including, forming an annular ring of a solid heat conductive mass, the annular ring having a central axis and having axially opposite faces. A plurality of passages are drilled through the annular ring and through the opposite faces to provide passages for the flow of a fluid through the passages and transfer of heat energy between the mass and the fluid. The passages are preferably parallel to the axis and have a circular cross section and are arranged in a plurality of circumferentially spaced sets of passages, each set having a plurality of radially spaced passages.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7274/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTI-FUNCTION SURFACE TREATMENT TOOL"

(51) International classification :A45D 34/04
(31) Priority Document No :0411467.4
(32) Priority Date :22/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002014
Filing Date :20/05/2005
(87) International Publication No :WO 2005/112688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LINZELL,GEOFFREY,ROBERT

No of Pages : 42
No of Claims : 26

(57) Abstract :
The invention provides a multifunction surface treatment Tool that is used coupled with a stuff dispenser to spread and rub stuff against a surface, then scrape up and wipe off residue leaving the surface dry and clean. The Tool will treat and clean most surfaces such as metals, glass, ceramics fabrics, leather and skin in most environments such as domestic and institutional care; first-aid, skin care and cosmetics; automotive, transportation and industrial. This is a utility Tool, sized to suit application and made by cutting pre-formed shapes from card, plastic of metal sheet then folding. The Tool has flexible finlike protrusions (33, 34) on a central stiff tapering spine portion (30) with space for dispenser (38). The main rubbing face (36, 37) is rough for spreading and treating, a separate edge (39) for scrapping and wiping faces (33, 34) carry a soft absorbent layer for drying.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7275/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LIPOSOMES USEFUL FOR DRUG DELIVERY"

(51) International classification :A61K 9/127
(31) Priority Document No :60/567,921
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015349
Filing Date :02/05/2005
(87) International Publication No :WO 2005/107712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HONG, KEELUNG,
2)DRUMMOND, DARYL C.
3)KIRPOTIN, DMITRI, B.

No of Pages : 174
No of Claims : 162

(57) Abstract :
The present invention provides liposome compositions containing substituted ammonium and/or polyanion, and optionally with a desired therapeutic or imaging entity. The present invention also provide methods of making the liposome compositions provided by the present invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006

(21) Application No.7276/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING COMMUNIATIONS BETWEEN TWO PARTIES

(51) International classification :H04M 15/00
(31) Priority Document No :200403611-7
(32) Priority Date :03/05/2004
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2004/000236
Filing Date :04/08/2004
(87) International Publication No :WO 2005/107284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUSTAMANTE CHITO

No of Pages : 34

No of Claims : 50

(57) Abstract :
In accordance with a first aspect of the invention there is a system for facilitating communications between two parties comprising a first party having positive credit with a communication facilitator and a second party having insufficient credit with the communication facilitator to initiate or continue communication. The first party sends a first communication message to a first destination address associated with the communication facilitator. The communication facilitator includes the first communication message, or 1 least a portion thereof, in a second communication message which is sent to the"second party via a second destination address. The second party replies to the second communication message, the reply being received at the second destination address - the communication facilitator thereafter operates to forward the reply to the second communication message to the first party and charge the first party for the first and second communication messages.

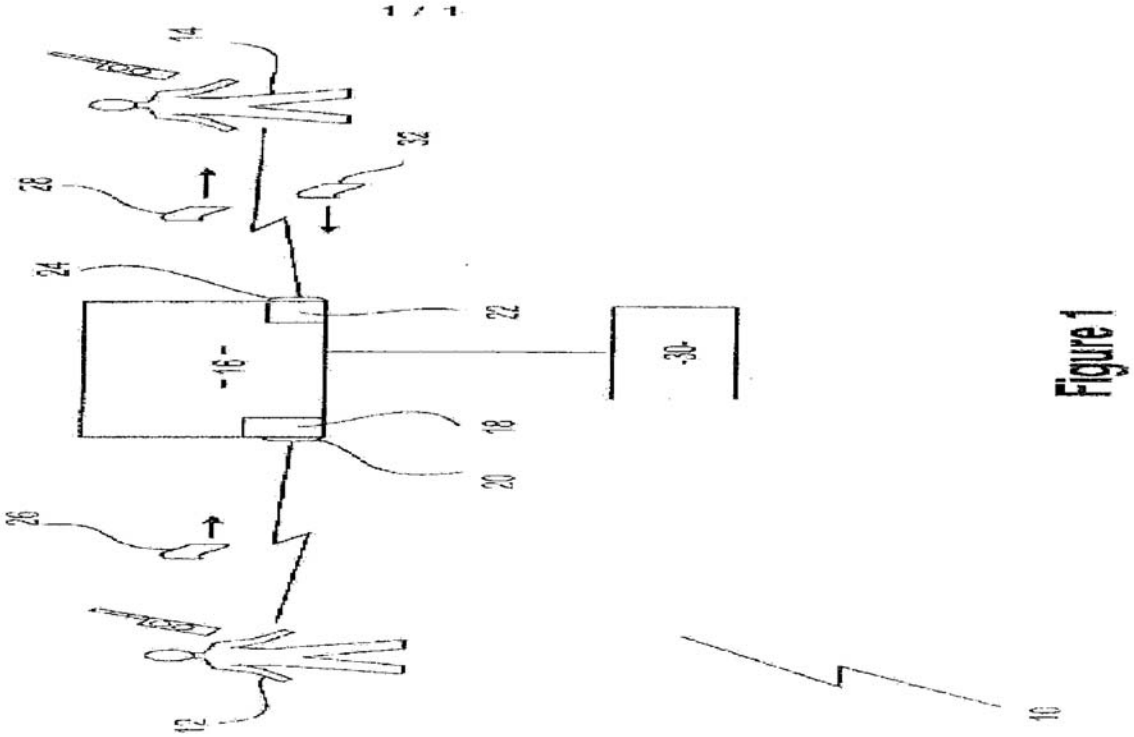


Figure 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2006
(21) Application No.7277/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MAGNETIC TUNNEL JUNCTION ELEMENT STRUCTURES AND METHODS FOR FABRICATING THE SAME

(51) International classification :H01L 29/76
(31) Priority Document No :10/899610
(32) Priority Date :26/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/21311
Filing Date :16/06/2005
(87) International Publication No :WO 2006/023018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVE RENU W.
3)SLAUGHTER JON M
4)AKERMAN JOHAN

No of Pages : 20
No of Claims : 20

(57) Abstract :
Magnetic tunnel junction ("MTJ") element structures and methods for raoncating^MlPJ element structures are provided. An MTJ element structure (10) may comprise a crystalline pinned layer (26), an amorphous fixed layer (30), and a coupling layer (28) disposed between the crystalline pinned layer and the amorphous fixed layer. The amorphous fixed layer (30) is antiferromagnetically coupled to the crystalline pinned layer (26). The MTJ element further comprises a free layer (34) and a tunnel barrier layer (32) disposed between the amorphous fixed layer and the free layer. Another MTJ element structure (60) may comprise a pinned layer (26), a fixed layer (30) and a non-magnetic coupling layer (28) disposed therebetween. A tunnel barrier layer (32) is disposed between the fixed layer (30) and a free layer (34). An interface layer (62) is disposed adjacent the tunnel barrier (32) layer and a layer of amorphous material (30). The first interface layer (62) comprises a material having a spin polarization that is higher than that of the amorphous material (30).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7278/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEMS AND METHODS FOR PACKET BASED HANDOFF IN WIRELESS COMMUNICATION SYSTEMS"

(51) International classification :H04L 12/56
(31) Priority Document No :60/576,194
(32) Priority Date :01/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019166
Filing Date :31/05/2005
(87) International Publication No :WO 2005/119989
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DON GILLIES
4)GAVIN HORN
5)NIKIL JAIN

No of Pages : 53
No of Claims : 59

(57) Abstract :
Method and transmitting frames to an access terminal during handoff, comprising identifying a first plurality of frames with a first route identifier, identifying a second plurality of frames with a second route identifier, and transmitting said frames over a wireless link according to the route identifier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7279/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "2-[(HETERO) ARYL)-BENZOXAZOLE COMPOUNDS AND DERIVATIVES, COMPOSITIONS AND METHODS FOR STABILIZING TRANSTHYRETIN AND INHIBITING TRANSTHYRETIN MISFOLDING"

(51) International classification :A61K 31/423
(31) Priority Document No :60/573,720
(32) Priority Date :20/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017612
Filing Date :20/05/2005
(87) International Publication No :WO 2005/113523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 76
No of Claims : 39

(57) Abstract :
Compounds, compositions and methods are provided for stabilizing transthyretin and for treating, preventing, or ameliorating one or more symptoms of transthyretin mediated diseases. In one embodiment, the compounds are benzoxazoles and related compounds, where Y is COOII, COOR5, CONR7R8, tetrazolyl, CON1IOII, B(OII)2, CONTISO2Ar, CONIIC]I(R6)COOII, OH, CH2OH or -(CH2)n-C(R6)(NH2)-COOH; X is O, S or NR11; Het is heteroaryl, optionally substituted with halo, OR, alkyl or haloalkyl; and where R, R^R3, R5-R8 and R11 arc as described in the application.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.728/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CLOSING UNIT WITH A CLAMPING PLATE HYDROSTATICALLY MOUNTED ON A FRAME ELEMENT"

(51) International classification :B29C 45/17
(31) Priority Document No :10 2004 040 194.2
(32) Priority Date :19/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/053870
Filing Date :05/08/2005
(87) International Publication No :WO 2006/018400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WALTER WOHLRAB

No of Pages : 25
No of Claims : 22

(57) Abstract :
ABSTRACT The invention relates to a clamping unit, particularly for an injection molding machine, including at least one moving platen (10) which is moveably arranged on a frame element (40). Lubrication is provided between the platen (10) and the frame element (40) in order to facilitate displacement to and fro. At least one -> hydrostatic support is provided in at least one position between the platen (10) and the frame element (40) in order to avoid speed-dependent friction values normally associated with hydrodynamic supports. The invention also relates to a method for the operation of a clamping unit, wherein a pressure is built up in the hydrostatic support prior to displacement of the moving plates (10), the moving platen (10) is displaced and the pressure for the hydrostatic support is decreased after displacement.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7280/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF VARIABLE POSITION STRAP MOUNTING FOR RFID TRANSPONDER"

(51) International classification :G06K 19/077
(31) Priority Document No :10/871,305
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021634
Filing Date :20/06/2005
(87) International Publication No :WO 2006/009935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)IAN J. FORSTER

No of Pages : 35
No of Claims : 26

(57) Abstract :
A method of coupling an RFID chip to an antenna includes the steps of, iteratively until a test criterion is met, positioning an RFID chip relative to an antenna and testing the RFTD chip and antenna. Once the test criterion is met, the RFTD chip is coupled with the antenna. A method of coupling an RFTD chip to one of a plurality of various antennas is also provided. A method of coupling an RFID chip to an antenna on an object is also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7281/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FILTER DEVICE FOR FLUIDS AND METHOD FOR FILTERING FLUIDS"

(51) International classification :B01D 35/147
(31) Priority Document No :10/912,021
(32) Priority Date :05/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB05/002984
Filing Date :26/07/2005
(87) International Publication No :WO 2006/016279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 30

(57) Abstract :
A filler device 110) for fluids, especially Tor motor nil, hydraulic oil, has a filler case (I) comprising one or two filler inlets (2) and one filter outlet (3). The filler case contains one filler (41 consisting of at least two ring-shaped filter elements 17, 8) which concentrically enclose a central lube (18) of the filler device. In a channel (14) between the two adjacent filler elements there is a duct (16) which is run in the form of a spiral around inner filler element (8) and is embedded in filler (4). In duct (16) there is a pressure-controlled regulating valve (9) which opens when a certain level of pressure is exceeded in the filtered oil.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7282/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL OXABISPIDINE COMPOUNDS AND THEIR USE IN THE TREATMENT OF CARDIAC ARRHYTHMIAS"

(51) International classification :A61P 9/06
(31) Priority Document No :0401539-2
(32) Priority Date :15/06/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE05/000891
Filing Date :13/06/2005
(87) International Publication No :WO 2005/123748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)CHRISTINA OLSSON
6)FRITIOF PONTEN

No of Pages : 163
No of Claims : 48

(57) Abstract :
There is provided compounds of formula (I), wherein Rl, R*, R3, R4, R4" to R46, A, B and G have meanings given in the description, which are useful in the prophylaxis and in the treatment of arrhythmias, in particular atrial and ventricular arrhythmias.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7283/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REDUCING BACKHAUL BANDWIDTH"

(51) International classification :H04L 12/28
(31) Priority Document No :60/578,202
(32) Priority Date :09/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020398
Filing Date :09/06/2005
(87) International Publication No :WO 2005/125111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VICTOR LUM

No of Pages : 26
No of Claims : 17

(57) Abstract :
The invention includes a method for reducing backhaul bandwidth using a software radio. The method includes receiving at a base station an analog signal from a mobile unit, converting the analog signal to a digital signal, and performing software based processing on the digital signal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7284/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL OXABISPIDINE COMPOUNDS AND THEIR USE IN THE TREATMENT OF CARDIAC ARRHYTHMIAS"

(51) International classification :A61P 9/06
(31) Priority Document No :0401540-0
(32) Priority Date :15/06/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE05/000890
Filing Date :13/06/2005
(87) International Publication No :WO 2005/123747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 120
No of Claims : 42

(57) Abstract :
There is provided compounds of formula I, wherein Rl, R2, R4, R41 to R46, A, B and G have meanings given in the sscription, which are useful in the prophylaxis and in the treatment of arrhythmias, in particular atrial and ventricular arrhythmias.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7285/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VIRAL POLYMERASE INHIBITORS"

(51) International classification :A61K 31/404
(31) Priority Document No :60/588,670
(32) Priority Date :16/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/001103
Filing Date :15/07/2005
(87) International Publication No :WO 2006/007693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)JEAN RANCOURT
5)TIMOTHY A. STAMMERS
6)BOUNKHAM THAVONEKHAM
7)YOULA S. TSANTRIZOS

No of Pages : 113
No of Claims : 48

(57) Abstract :
A compound, represented by formula (I): wherein A, B, R1, R2, R3, R5, R6, R7, R9, and R10 are as defined herein, or an enantiomer, diastereoisomer or tautomer thereof, including a salt, ester or derivative thereof, as an inhibitor of HCV NS5B polymerase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7286/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ACTIVE COMPOUND-CONTAINING SOLID MOULDED BODIES FOR EXTERNAL USE AGAINST PARASITES ON ANIMALS"

(51) International classification :A01N 25/34
(31) Priority Document No :10 2004 031 325.3
(32) Priority Date :29/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/006465
Filing Date :16/06/2005
(87) International Publication No :WO 2006/000335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 6

(57) Abstract :
The present invention relates to active compound-containing moulded bodies for external use against parasites on animals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7287/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INDOLES USEFUL IN THE TREATMENT OF INFLAMMATION"

(51) International classification :A61K 31/404
(31) Priority Document No :60/580,401
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB05/002391
Filing Date :17/06/2005
(87) International Publication No :WO 2005/123673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)EDGARS SUNA
4)KRISTOFER OLOFSSON

No of Pages : 109
No of Claims : 35

(57) Abstract :
There is provided a compound of formula: (T), wherein X: R1, R2, R3. R4, R5 and R6 have meanings given in the de-scripiion. and pharrnaceuticaUy-accepiable sails thereof, which compounds are useful in the treatment of diseases in which inhibition of the activity of microsoma] prosiaglanciin Esynlhase-1 is desired and/or required, and particularly in the trealment of inflammauon.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7288/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "OFF-LINE PRODUCT AUTHENTICATION PROCESS AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :PI0402291-2
(32) Priority Date :04/06/2004
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2005/000025
Filing Date :01/03/2005
(87) International Publication No :WO 2005/119535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISAAC LEO BAIN

No of Pages : 37
No of Claims : 32

(57) Abstract :
The present invention refers to a process and system for product authentication by off-line means. According to one embodiment of the present invention, the authentication process comprises the steps of: (i) selecting for each product a string of characters to identify it; (ii) fixing said string of characters to the product; (iii) retrieving information from said string of characters at the moment of checking the product"s authenticity; (iv) checking the validity of said string of characters retrieved; (v) displaying a message dependent on the result of said validity check; (vi) updating the indication of the validity of said string of characters in a data-storage unit; and (vii) periodically updating in said data-storage unit the indications of validity of said string of characters and of strings of characters that identify other products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7289/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ELECTROLUMINESCENT MATERIALS AND DEVICES"

(51) International classification :C07D 409/04
(31) Priority Document No :0414640.3
(32) Priority Date :30/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002584
Filing Date :30/06/2005
(87) International Publication No :WO 2006/003408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)MUTTULINGHAM KUMARAVERL
4)ARUMUGAM PARTHEEPAN
5)GNANAMOLY PARAMASWARA
6)JUAN ANTIPAN-LARA

No of Pages : 48
No of Claims : 34

(57) Abstract :
1:1 eclichmmicscenl devices h;tve an electroluminescent layer incotjxjraling indium complexes wil 2 hcn/x>|lfjlhio|>hciiyl and bLMiy.imktii/AiJe figands sue!) as bisjlhiojiheii"2-yl-pyiidine-(n ,N"]-2 (2-pyridyl)-ben7iniJda?;ole iridinm

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.729/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR ENRICHING A POPULATION OF SPERM CELLS"

(51) International classification :C12N 5/06
(31) Priority Document No :60/590,270
(32) Priority Date :22/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026269
Filing Date :22/07/2005
(87) International Publication No :WO 2006/012597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JEFFREY A. GRAHAM

No of Pages : 52
No of Claims : 47

(57) Abstract :
Processes for selectively enriching a population of viable sperm cells with respect to a characteristic without physically sorting the cells are disclosed. The cells contained in such an enriched population benefit from the advantage of not being subjected to a sorting process. Processes of inseminating a female mammal and processes of forming a sperm dispersion utilizing the processes of selectively enriching a population of viable sperm cells are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7290/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SUPPORT STRUCTURE FOR A MEDICAMENT"

(51) International classification :A61M 15/00
(31) Priority Document No :0401654-9
(32) Priority Date :24/06/2005
(33) Name of priority country :Sweden
(86) International Application No :PCT/GB2005/002440
Filing Date :21/06/2005
(87) International Publication No :WO 2006/000758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OREST LASTOW

No of Pages : 17
No of Claims : 17

(57) Abstract :
A support structure (1) for a medicament comprising a base (2) with at least one cavity (3) for the medicament and a lid (4) for sealing the medicament within the cavity (3). Each moisture permeable region of the structure (6) is protected against the ingress of moisture by locating a moisture absorbing sink (7) between that region and the ambient air outside the structure (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7291/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GENOTOXIC TESTING"

(51) International classification :C12Q 1/68
(31) Priority Document No :0411198.5
(32) Priority Date :20/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001913
Filing Date :18/05/2005
(87) International Publication No :WO 2005/113802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HASTWELL PAUL
2)WALMSLEY RICHARD

No of Pages : 56
No of Claims : 36

(57) Abstract :
The present invention relates to methods for detecting for the presence of an agent that putatively causes or potentiates DNA damage comprising subjecting a cell (containing a DNA sequence encoding a reporter protein operatively linked to a human GADD45a gene promoter and a human GADD45a gene regulatory element arranged to activate expression of the DNA sequence in response to DNA damage) to an agent; and monitoring the expression of the reporter protein from the cell. The invention also concerns expression cassettes, vectors and cells which may be used according to such a method and also modified media that may be employed in fluorscence assays and in preferred embodiments of the method of the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7292/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HANDLING DEVICE FOR REPLACING A RUNNER"

(51) International classification :C21B 7/14
(31) Priority Document No :91082
(32) Priority Date :04/06/2004
(33) Name of priority country :Luxembourg
(86) International Application No :PCT/EP2005/052567
Filing Date :03/06/2005
(87) International Publication No :WO 2005/118888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)EMILE LONARDI
2)JEAN-JACQUES WILLIEME

No of Pages : 23
No of Claims : 17

(57) Abstract :
A device (20) for replacing a blast furnace runner allows the runner (14) to be transported between an upper, tapping floor level (16) and a lower, service level (42). This handling device (20) comprises an inclinable bridge (26) that can support the runner (14) in an operational position in front of a taphole (12) of the blast furnace (10). This bridge (26) can be inclined so as to form an inclined plane along which the runner (14) can be raised or lowered. Thus, the runner (14) is transported along an inclined plane from the upper, tapping floor level (16) to the lower, service level (42) and vice-versa.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7293/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMBINATIONS COMPRISING ANTIMUSCARINIC AGENTS AND CORTICOSTEROIDS"

(51) International classification :A61K 31/439
(31) Priority Document No :P200401312
(32) Priority Date :31/05/2004
(33) Name of priority country :Spain
(86) International Application No :PCT/EP05/005840
Filing Date :31/05/2005
(87) International Publication No :WO 2005/115466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LLENAS CALVO,JESUS
3)RYDER,HAMISH
4)ORVIZ DIAZ,PIO

No of Pages : 42
No of Claims : 18

(57) Abstract :
A combination which comprises (a) a corticosteroid and (b) an antagonist of M3 muscarinic receptors which is 3(R)-(2-hydroxy-2,2-dithien-2-ylacetoxy)-1-(3-phenoxypropyl)-1-azoniabicyclo[2.2.2]octane, in the form of a salt having an anion X, which is a pharmaceutically acceptable anion of a mono or polyvalent acid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7294/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MOBILE TELECOMMUNICATION"

(51) International classification :H04L 1/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/050737
Filing Date :07/05/2004
(87) International Publication No :WO 2005/109778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 30

(57) Abstract :
A node implementing an RLC (Radio Link Control) entity and being for use in a mobile communications system transmits a sequence of RLC SDUs (SDU = Service Data Unit) towards a peer node. As a result of re-establishment of an RLC entity not all SDUs may have been received. The peer notifies the node which is the next SDU that the peer expects to receive (by transmitting the next SDU number to the node). The node resumes transmission from that SDU onwards. This may or may not lead to re-transmission of SDUs transmitted before the RLC re-establishment. As an alternative, the peer does not notify the node of the next SDU that it expects to receive, but instead the node re-transmits any unacknowledged SDUs, together with the SDU number of the first retransmitted SDU. The peer then discards any duplicate SDUs. Both variants enable lossless data transfer whilst avoiding duplication.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7295/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ARTIFICIAL AIRWAY APPARATUS"

(51) International classification :A61M 16/04
(31) Priority Document No :0411858.4
(32) Priority Date :27/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/005754
Filing Date :25/05/2005
(87) International Publication No :WO 2005/118039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YOUNG, PETER, JEFFREY

No of Pages : 25
No of Claims : 21

(57) Abstract :
The invention relates to apparatus (19) for use in establishing an artificial airway in a patient, the apparatus comprising a tube (19a) for introduction into the patient"s trachea for passage of gases to and from the patient"s lungs, an inflatable seal (20) disposed upon the tube (19a) to provide, on inflation, a seal between the tube and the trachea of the patient, the seal (20) thereby defining a lung-side portion (19c) of the apparatus and a mouth-side portion (19d) of the apparatus, the apparatus further comprising means (19e) to facilitate removal of fluid from at or adjacent the said mouth-side portion (19d) of the apparatus (19).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7296/DELNP/2006 A
(43) Publication Date : 27/04/2007

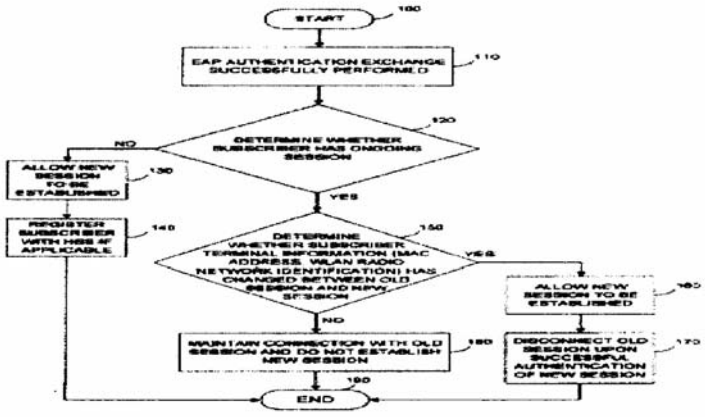
(54) Title of the invention : METHOD OF PREVENTING OR LIMITING THE NUMBER OF SIMULTANEOUS SESSIONS IN WIRELESS LOCAL AREA NETWORK (WLAN)

(51) International classification	:H04J 1/16
(31) Priority Document No	:10/834,564
(32) Priority Date	:03/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/001183
Filing Date	:02/05/2005
(87) International Publication No	:WO 2005/107310
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HAUKKA, TAO
3)NIEMI, VALTTERI

No of Pages : 19
No of Claims : 20

(57) Abstract :
A method, program product and system of preventing or limiting the number of simultaneous sessions in a wireless local area network (WLAN). The method includes: determining whether subscriber terminal information has been changed between an old session and a new session, maintaining a connection with the old session if the subscriber terminal information has not changed, and establishing and authenticating the new session and disconnecting the old session if the subscriber terminal information has changed. A medium access control (MAC) address and a WLAN radio network identification can be compared between the old session and the new session to determine whether subscriber terminal information has been changed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7297/DELNP/2006 A
(43) Publication Date : 27/04/2007

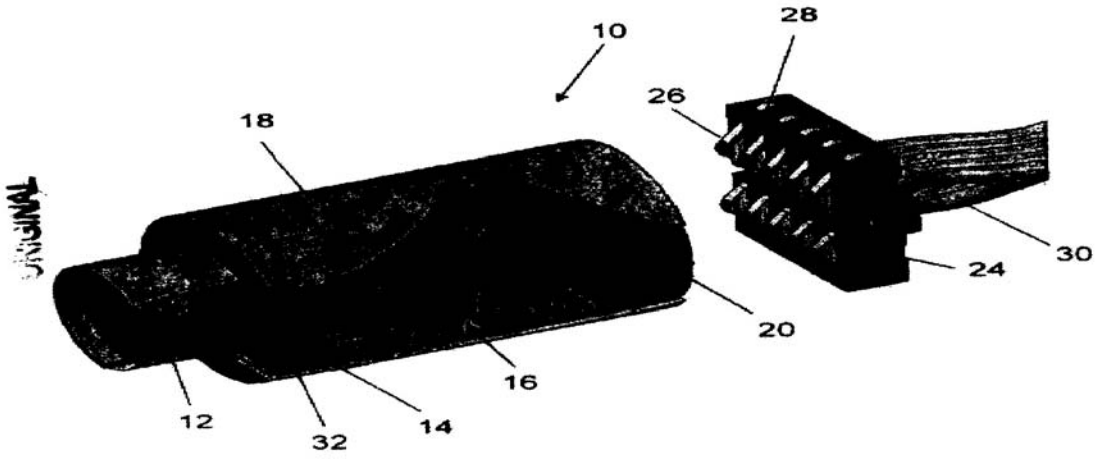
(54) Title of the invention : A REUSABLE MINIATURE CAMERA HEAD

(51) International classification :A61B 1/00
(31) Priority Document No :162251
(32) Priority Date :31/05/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2005/000555
Filing Date :30/05/2006
(87) International Publication No :WO 2005/115221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 52
No of Claims : 21

(57) Abstract :
The invention is a reusable miniature camera head (10) that can be attached to and detached from an object. The camera head comprises: a housing (18), a lens system (12), a solid-state sensor (14), components of an electronic driver (16), and an internal electrical connector (20) located at the proximal end of the housing and having a plurality of sockets (22) or pins (110) on its external face. The object has an external connector (24) for receiving the camera head. The internal and external electrical connectors comprise a plurality of pins or sockets arranged in matching patterns on opposing faces thereby allowing the camera head to be attached to or disconnected by engaging the two connectors. In preferred embodiments of the invention, the object to which the camera head is attached is an endoscopic or laparoscopic device, the solid-state sensor is a Charge Coupled Device (CCD), and the housing does not contain a printed circuit board.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7298/DELNP/2006 A
(43) Publication Date : 27/04/2007

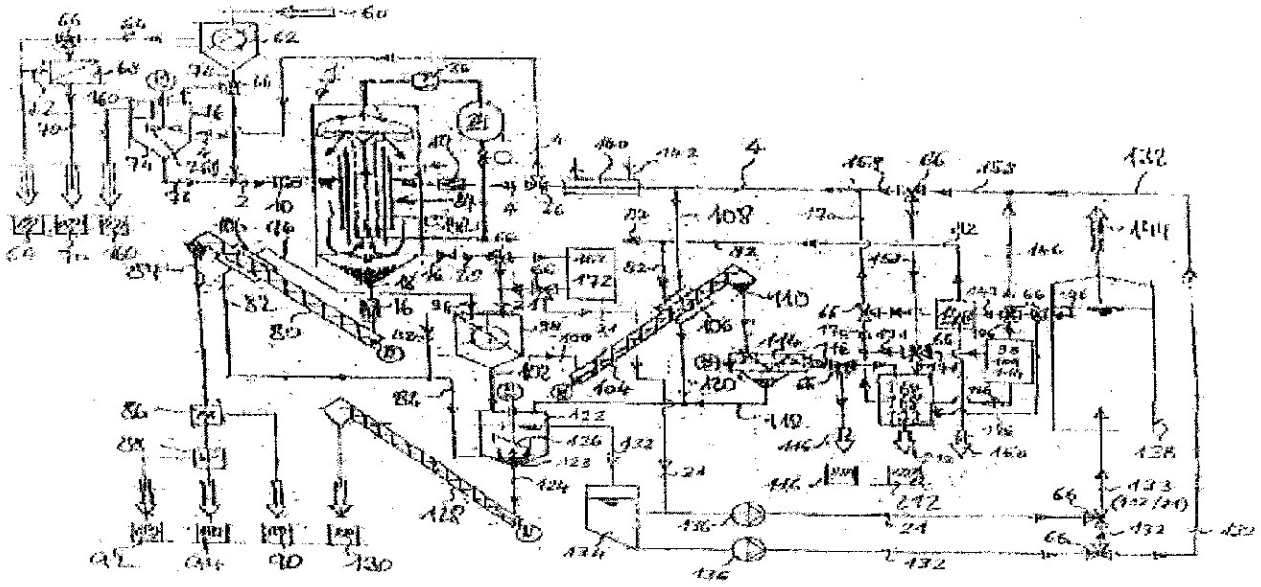
(54) Title of the invention : MATERIAL SOLUBILISER REACTOR FOR HYDROLYSIS AND/OR WET FERMENTATION AND WASTE TREATMENT PLANT WITH SUCH A SOLUBILISER AND REACTOR

(51) International classification :B03B 9/06
(31) Priority Document No :10 2004 027 260.3
(32) Priority Date :03/06/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2005/005993
Filing Date :03/06/2005
(87) International Publication No :WO 2005/118147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WUTHRICH HANS

No of Pages : 64
No of Claims : 62

(57) Abstract :
The invention relates to a method for the treatment of waste with organic components, whereby in standardised method steps, various material solubilisers, for dissolving the organic material in a solvent and various reactors for carrying out a hydrolysis and/or a wet fermentation are used depending on the particle size and suitable solubilisers and reactors. .A suitable waste treatment plant is also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7299/DELNP/2006 A
(43) Publication Date : 27/04/2007

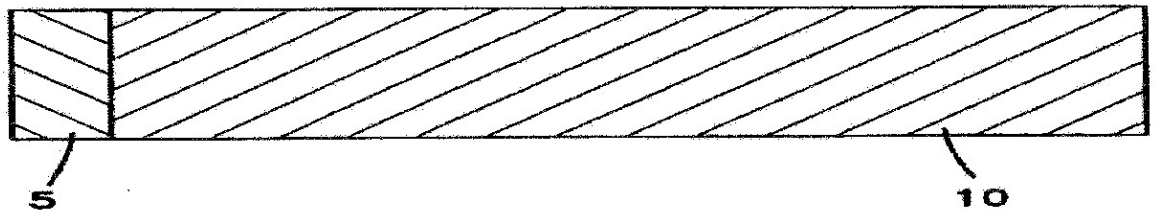
(54) Title of the invention : BI-LAYERED CONTAINER FOR HAZARDOUS SUBSTANCES AND PROCESS FOR PRODUCING THE SAME

(51) International classification :B32B 27/00
(31) Priority Document No :PCT/IL2004/000452
(32) Priority Date :27/05/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2004/000452
Filing Date :27/05/2004
(87) International Publication No :WO 2005/115748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 24
No of Claims : 23

(57) Abstract :
A bi-layered container for hazardous substances that consists of co-extruded outer ana inner layers, where the outer layer comprises regrind material from the outer and inner layers. The outer layer is produced from a mixture of virgin high-density polyethylene and regrind material from both the inner and outer layers. The regrind material ranges from 15 to 40% of the outer layer and comprises approximately 30% of the outer layer. The thickness of the outer layer ranges from 90%- 98% of the overall wall thickness of the container.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.730/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTIFUNCTIONAL ADDITIVE"

(51) International classification :C01G 19/00
(31) Priority Document No :10 2004 037 210.1
(32) Priority Date :30/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2005/001375
Filing Date :01/08/2005
(87) International Publication No :WO 2006/012887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 10

(57) Abstract :
The invention relates to a transparent conductive oxide material. According to the invention, said oxide material is provided with at least one metal that is capable of modifying the spectral characteristics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7300/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS, SYSTEM, AND METHOD FOR CONDENSING, SEPARATING AND STORING RECYCLABLE MATERIAL"

(51) International classification :B65F1/14
(31) Priority Document No :60/567,600
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015216
Filing Date :03/05/2005
(87) International Publication No :WO2005/107400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LANGSTON, JODY

No of Pages : 30
No of Claims : 34

(57) Abstract :
An apparatus, system, and method are disclosed for condensing, separating and storing recyclable materials. The apparatus, in one embodiment, selects a type of recyclable material, alters the recyclable material to a condensed form and stores the recyclable material in a designated receptacle 112. The apparatus may include an enclosure 102 with one or more openings 104 to receive an item made from a recyclable material, a selection module 106, a plurality of form altering modules 108, a plurality of receptacles 112, and a director module 110 to automatically direct a recyclable material, responsive to a selection made with the selection module 106, to one of a plurality of receptacles 112 according to the type of material selected. A system, in one embodiment, includes a recycling appliance 1002 and one or more modular form altering devices 1018. The modular form altering devices 1018 may be interchangeable.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7301/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MODULAR DRILL SYSEM REQUIRING LIMITED FIELD ASSEMBLY AND LIMITED EQUIPMENT SUPPORT AND METHOD OF USE.

(51) International classification :E21B 19/08
(31) Priority Document No :60/567,660
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015229
Filing Date :03/05/2005
(87) International Publication No :WO 2005/108736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROODENBURG,JOOP

No of Pages : 26
No of Claims : 23

(57) Abstract :
A modular transfigurable drilling rig comprises one or more transfigurable containers with drilling equipment to form an operational drilling rig. The transfigurable containers include a first and second load bearing support and a load bearing bottom disposed between the first and second load bearing supports, thereby forming a space. The container includes drilling equipment rotatably attached to the load bearing supports or the load bearing bottom. The drilling equipment is disposed within the space. The drilling rig further includes one or more connectors adapted to engage at least two transfigurable containers together. The drilling rig further includes piping adapted to connect the drilling equipment together, cabling adapted to provide communication between the drilling equipment, and a power source connected to the drilling equipment, wherein the power source is adapted to provide power to the drilling equipment. Further, embodiments for methods of construction and transport of a modular drilling rig are embodied herein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7302/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR INHIBITING CHEMICAL STAINING OF TEETH"

(51) International classification :A61K 7/16
(31) Priority Document No :10/859,412
(32) Priority Date :02/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019414
Filing Date :02/06/2005
(87) International Publication No :WO 2005/117820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOYD THOMAS
3)PRENCIPE MICHAEL

No of Pages : 28
No of Claims : 37

(57) Abstract :
A method for inhibiting chemical staining of a dental surface comprises contacting the denial surface, prior to said staining, with an orally acceptable polymer or copolymcr comprising a plurality of monomeric groups of formula (I) wherein (a) one of A and A" is hydrogen and the other is a moiety (X)n(R)m, (b) n in individual such moieties is independently 0 or 1, (c) linking groups X if present independently comprise an oxygen, sulfur, nitrogen, phosphorus or silicon atom, (d) where n is 0, m is 1, and where n is 1, m is independently an integer from 1 to 3 as determined by X, (e) terminal groups R are independently hydrogen or Q.ig organic radicals, and (t) M and M" are independently selected from hydrogen, alkali metal and ammonium; said polymer or copolymer having an average molecular weight of at least about 1,000.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7303/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ACTIVE DRUG DELIVERY IN THE GASTROINTESTINAL TRACT"

(51) International classification :A61K 9/22
(31) Priority Document No :10/838,072
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000301
Filing Date :16/03/2005
(87) International Publication No :WO 2005/105053
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SELA YORAM
3)BELSKY ZIV
4)LEV RINA
5)GOLDSTEIN DANIEL

No of Pages : 111
No of Claims : 45

(57) Abstract :
Apparatus (30) for drug administration is provided, including an ingestible capsule (32), which includes a drug (36), stored by the capsule (32), and an environmentally-sensitive mechanism (18), adapted to change a state thereof responsively to a disposition of the capsule (32) within a gastrointestinal (GI) tract (50) of a subject. The capsule (32) further includes first and second electrodes (16), and a control component (14), adapted to facilitate passage of the drug (36), in response to a change of state of the environmentally-sensitive mechanism (18), through an epithelial layer of the GI tract (50) by driving the first and second electrodes (16) to apply a series of pulses at a current of less than about 10 mA, at a frequency of between about 12 Hz and about 24 Hz, and with a pulse duration of between about 0.5 milliseconds and about 3 milliseconds. Other embodiments are also described..

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7304/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR DELIVERY OF ANTITUMOR AGENTS"

(51) International classification :A61K 47/48
(31) Priority Document No :60/584,226
(32) Priority Date :30/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/007007
Filing Date :29/06/2005
(87) International Publication No :WO 2006/002895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)WIRSCHING PETER
3)BOGER DALE L.

No of Pages : 122
No of Claims : 51

(57) Abstract :
Methods for treating a neoplastic disease with an antibody-cytotoxin conjugate molecule, methods of synthesizing an antibody-cytoloxin conjugate molecule are provided. Compounds that are useful as antibody-cytotoxin conjugate molecule or useful in the synthesis of these molecules are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7305/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMPROVED METHOD FOR PREPARING 3-HYDROXY-4-HYDROXYMETHYL-PYRROLIDINE COMPOUNDS"

(51) International classification :C07D 207/12
(31) Priority Document No :533360
(32) Priority Date :04/06/2004
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2005/000114
Filing Date :03/06/2005
(87) International Publication No :WO 2005/118532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASON JENNIFER MARY
3)CLINCH KEITH
4)EVANS GARY BRIAN
5)TYLER PETER CHARLES

No of Pages : 42
No of Claims : 51

(57) Abstract :
process for preparing (3R,4R)-3-hydroxy-4-hydroxymethylpyrrolidine, the compound of formula (I), or (3S,4S)-3-hydroxy-4-hydroxymethylpyrrolidine, the compound of formula (Ia) involving, as a key step, the enzyme-catalysed enantioselective hydrolysis of a racemic 3,4-trans-disubstituted pyrrolidinone compound of formula (II).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7306/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PLASTID TRANSIT PEPTIDES"

(51) International classification :C07K 14/00
(31) Priority Document No :60/578,535
(32) Priority Date :09/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020455
Filing Date :09/06/2005
(87) International Publication No :WO 2005/123929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILKINSON JACK Q.

No of Pages : 67
No of Claims : 20

(57) Abstract :
The present invention provides novel plastid transit peptides that direct lacalization of attached moieties (e.g., polypeptides) into plant plastids. The present invension also relates to methods and compositions for lacalizing polypeptides to plant plastids including, but not limited to, transgenic plant production.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7307/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTI-STAINING ANTIBACTERIAL DENTIFRICE"

(51) International classification :A61K 7/16
(31) Priority Document No :10/859,264
(32) Priority Date :02/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019415
Filing Date :02/06/2005
(87) International Publication No :WO 2005/117821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GAFFAR ABDUL
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4)BOYD THOMAS

No of Pages : 26
No of Claims : 20

(57) Abstract :
An anti-staining, antibacterial dentifrice comprises an anti-staining effective amount of an orally acceptable polymer or copolymer that comprises a plurality of monomcric groups of formula (1) wherein (a) one of A and A" is hydrogen and the other is a moiety (X^(R)m, (b) n in individual such moieties is independently 0 or 1, (c) linking groups X if present independently comprise an oxygen, sulfur, nitrogen, phosphorus or silicon atom, (d> where n is 0, m is 1, and where n is 1, m is independently an inlcger from 1 to 3 as determi^sd by X, (c) terminal groups R are independently hydrogen or CMÂ« organic radicals, and (0 M and M" arc independently selected from hydrogen, alkali metal and ammonium; said polymer or copolymer having an average molecular weight of at least about 1,000. The dentifrice further comprises an antibacterial effective amount of an orally acceptable halogenated dtphenylether antibacterial agent, and an antibacterial enhancing effective amount of an orally acceptable polyvinylmethylether/malcic anhydride copolymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7308/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIGH DATA RATE INTERFACE APPARATUS AND METHOD."

(51) International classification :H04L 12/64
(31) Priority Document No :60/577,500
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019530
Filing Date :03/06/2005
(87) International Publication No :WO 2005/122509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 300
No of Claims : 33

(57) Abstract :
A data interface for transferring digital data between a host and a client over a communication path using packet structures linked together to form a communication protocol for communicating a pre-sclccled set of digital control and presentation data. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more iypca af data packets, with at least one residing in the host device and being coupled 10 the client through the communications path. The interface provides a cost-effective, low power, bi-directional, high-speed data transfer mechanism over a short-range "serial" type data link, which lends nseif to implementation with miniature connectors and thin flexible cables which are especially useful in connecting display elements such as wearable micro-displays to portable computers and wireless communication devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006
(21) Application No.7309/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "TREATMENT OF NON ALCOHOLIC STEATOTIC HEPATITIS (NASH)"

(51) International classification :A61K 38/46
(31) Priority Document No :60/580,903
(32) Priority Date :21/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NL2005/000446
Filing Date :20/06/2005
(87) International Publication No :WO 2005/123117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 29
No of Claims : 14

(57) Abstract :
The present invention relates to a method for treating nonalcoholic steatotic hepatitis (NASH) in a subject by administering an effective amount of a lipoprotein lipasc (LPL) therapeutic to the subject. The LPL therapeutic is advantageoulsy a S447X protein or a derivative or variant thereof, or a nucleic acid encoding such a protein. The LPL therapeutic may be used in a gene therapy vector.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.731/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CAROTENOID HYDROXYLASE ENZYMES"

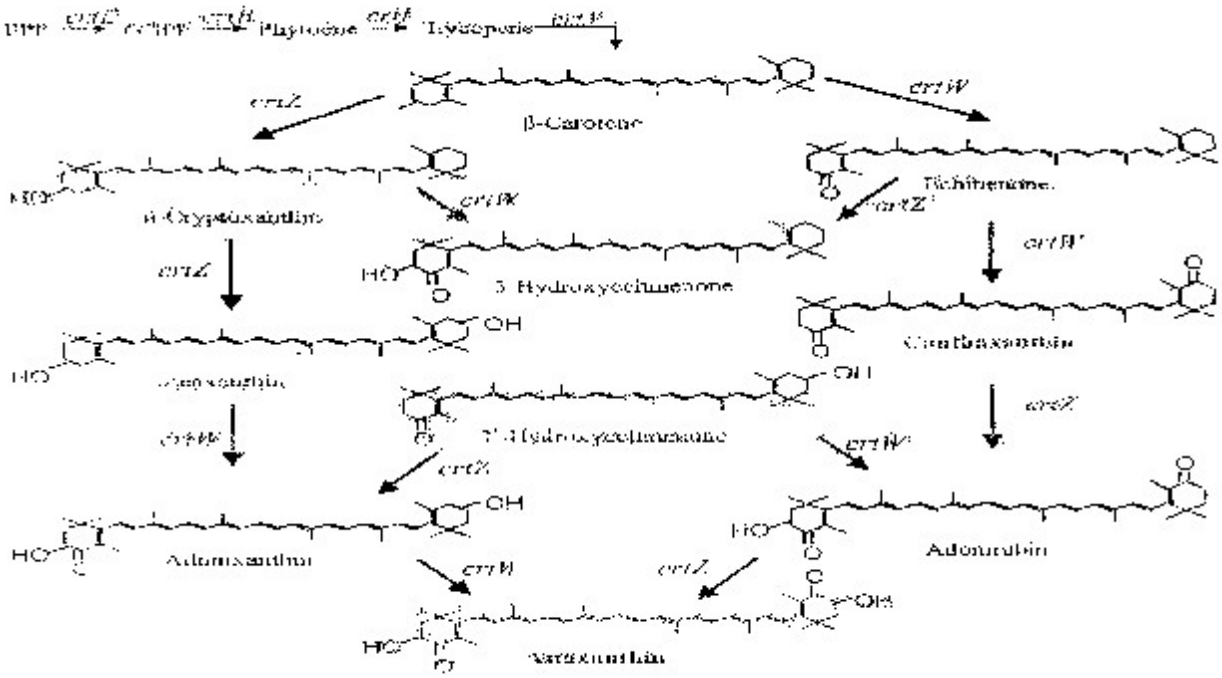
(51) International classification :C12P 23/00
(31) Priority Document No :60/601,947
(32) Priority Date :16/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/029121
Filing Date :16/08/2005
(87) International Publication No :WO 2006/023495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LUAN TAO

No of Pages : 80

No of Claims : 13

(57) Abstract :
A novel CrtZ carolenoid hydroxylase, isolated from Bre.vundimonas vesicularis DC263, is provided that is useful for the production of hydroxylated carotenoids. Additionally, a previously identified hypothetical protein from Novosphingobium anmwlicivorans has found to have carotenoid hydroxylase activity. Both hydroxylase genes exhibit low homology in comparison lo other CrtZ hydroxylases previously reported. Expression of the hydroxylases in heterologous host cells enabled production of hydroxylated carolenoids.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2006

(21) Application No.7310/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MOBILE WIRELESS COMMUNICATIONS DEVICE COMPRISING A TOP-MOUNTED AUXILIARY INPUT/OUTPUT DEVICE AND A BOTTOM-MOUNTED ANTENNA"

(51) International classification :H04Q 7/32
(31) Priority Document No :60/576,159
(32) Priority Date :02/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000106
Filing Date :28/01/2005
(87) International Publication No :WO 2005/120107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JARMUSZEWSKI PERRY

No of Pages : 31
No of Claims : 17

(57) Abstract :
A mobile wireless communications device may include a housing having an upper portion and a lower portion, a dielccinc substrate carried by the housing, circuitry carried by the dielectric substrate, and an audio output transducer carried by the upper portion of the housing and connected to the circuitry. The device may further include a user input interface carricxJ by the housing and connected lo the circuitry, and at least one auxiliary input/output device carried by the upper portion of the housing and connected to the circuitry. An antenna may also be carried within Ihc lower portion of the housing comprising a pattern of conductive traces on the dielectric substrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2006

(21) Application No.7311/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SCALABLE CAPACITY LIQUEFIED NATURAL GAS PLANT"

(51) International classification :F25J 1/00
(31) Priority Document No :60/580,746
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020674
Filing Date :10/06/2005
(87) International Publication No :WO 2006/009646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOHN B. STONE

No of Pages : 69
No of Claims : 77

(57) Abstract :
The current invention is related to hydrocarbon fluid processing plants, methods of designing hydrocarbon fluid processing plants, methods of operating hydrocarbon fluid processing plants, and methods of producing hydrocarbon fluids using hydrocarbon fluid processing plants. More particularly, some embodiments of the invention are related to natural gas liquefaction plants, methods of designing natural gas liquefaction plants, methods of operating natural gas liquefaction plants and methods of producing LNG using natural gas liquefaction plants. One embodiment of the invention includes a hydrocarbon fluid processing plant including a plurality of process unit module types, the plurality of process unit module types including at least a first process unit module type including one or more first process unit modules and a second process unit module type including two or more integrated second process unit modules wherein at least one of the first process unit modules and at least one of the second process unit modules are sized at their respective substantially maximum processing efficiency.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2006

(21) Application No.7312/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHARMACEUTICAL COMPOSITIONS"

(51) International classification :A01N 43/40
(31) Priority Document No :60/578,043
(32) Priority Date :08/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019929
Filing Date :08/06/2005
(87) International Publication No :WO 2005/123076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIRK DINEHART
3)PATRICIA HURTER
4)PATRICK CONNELLY
5)YONG CUI

No of Pages : 66
No of Claims : 77

(57) Abstract :
The inventors have discovered forms and formulations of VX-950 having improved bioavailability relative to crystalline VX-950. These forms and formulations are useful for treating HCV infection. Accordingly, in one aspect, the invention features a preparation of amorphous VX-950, for example a preparation of VX-950 that is substantially pure of impurities and/or crystalline VX-950. For example, in one embodiment, the invention features formulations containing VX-950 in the amorphous form, which enhances the metastable solubility of VX-950 relative to the crystalline form, and thus provides improved bioavailability.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2006
(21) Application No.7313/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS FOR PRODUCING POLYMERS WITH CONTROL OVER COMPOSITION DISTRIBUTION"

(51) International classification :C08F 2/34
(31) Priority Document No :10/872,847
(32) Priority Date :21/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015568
Filing Date :04/05/2005
(87) International Publication No :WO2006/007046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JAMES M. FARLEY

No of Pages : 48
No of Claims : 15

(57) Abstract :
Methods for controlling a melt viscosity of a polyolefm, controlling comonomer distribution of a polyolefin, achieving a targeted melt viscosity of a polyolefm, and films made from such polyolefins are provided. The methods include contacting an olefin monomer and at least one comonomer with a catalyst system in the presence of a condensable fluid comprising a saturated hydrocarbon having from 2 to 8 carbon atoms. The catalyst system in one embodiment includes a hafnium metallocene catalyst component.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2006

(21) Application No.7314/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PRODUCTION OF 3-ALKENYLCEPHEM COMPOUNDS"

(51) International classification	:C07D 501/18
(31) Priority Document No	:2004-167581
(32) Priority Date	:04/06/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/010621
Filing Date	:03/06/2005
(87) International Publication No	:WO 2005/118595
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MASAHIRO ITO
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No of Pages : 32
No of Claims : 8

(57) Abstract :
A process for preparing l-araino-3-[(E/Z)-2-(4-methylthiazol-5-yl)vinyl]-3-cephem-4-carboxylic acid of the formula (1) and an alkali metal salt thereof, said acid and said salt being improved in the content of 7-amino-3-[(Z)-2-(4-methylthiazol-5-yl)vinyl]-3-cephem-4-carboxylic acid of the formula (2) or an alkali metal salt thereof, the process being characterized in that an aqueous solution of an alkali netal salt of 7-amino-3-[(3/Z)-2-(4-methylthiazoi-5-yl)vinyl]-3-cephem-4-carboxylic acid of the fornula (1) is treated with a high porous polymer and/or active carbon as added thereto.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2006

(21) Application No.7315/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF MAKING A CORROSION- RESISTANT NON-STICK COATING"

(51) International classification :C23C 26/00
(31) Priority Document No :10/839,826
(32) Priority Date :06/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/011398
Filing Date :06/04/2005
(87) International Publication No :WO 2005/111256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MOLLY MO HUI GE

No of Pages : 16
No of Claims : 25

(57) Abstract :
A method of making a corrosion resistant, non-stick coating having extended life for foodware. The method includes providing a foodware substrate having a food-contacting surface; roughening the food-contacting surface of the foodware substrate; depositing a continuous ceramic coaling by vapor deposition over the roughened food-contacting surface, the continuous ceramic coating selected from nitride or carbonitride compounds of a metal selected from titanium, aluminum, chromium, zirconium, or alloys thereof; and depositing a non-stick coating over the continuous ceramic coating. The invention also relates to foodware made by the method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.732/DELNP/2007 A
(43) Publication Date : 27/04/2007

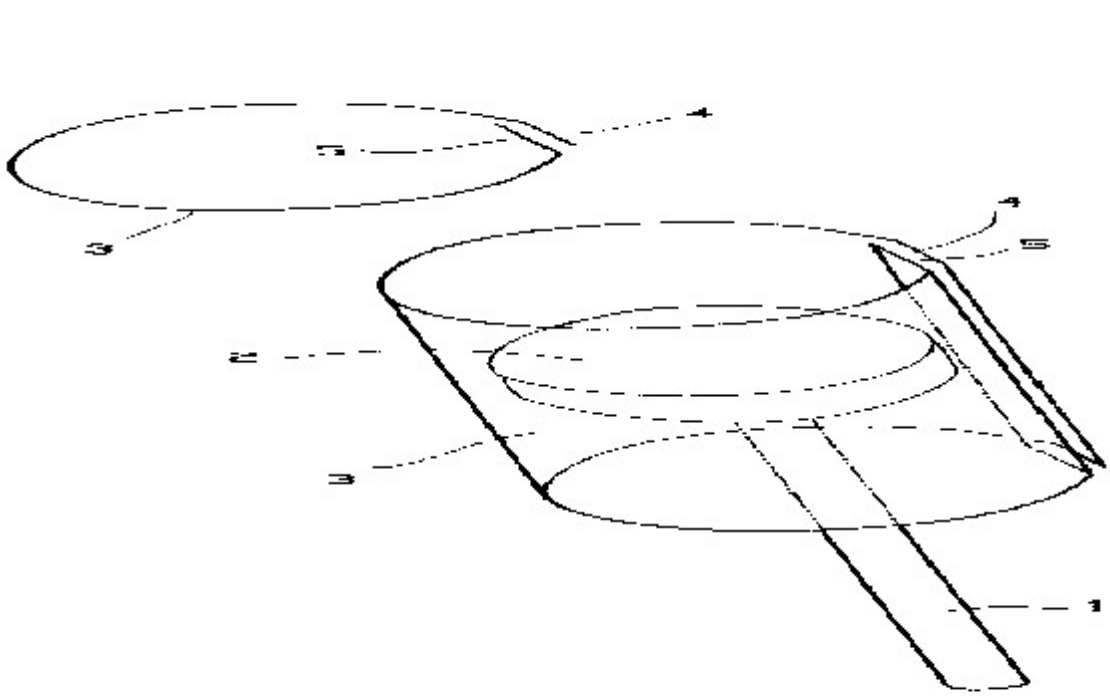
(54) Title of the invention : "LOLLIPOP AND DEVICE FOR THE MANUFACTURING THEREOF"

(51) International classification :B65D 85/60
(31) Priority Document No :1026721
(32) Priority Date :26/07/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2005/000547
Filing Date :26/07/2005
(87) International Publication No :WO 2006/011793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HENRICUS PETRUS MARIA NEIJNENS

No of Pages : 30
No of Claims : 31

(57) Abstract :
Lollipop having a head (2) and a stick (1), wherein the lollipop head is packaged in a packaging sheet (3), such as a foil sheet, wherein the packaging sheet forms a seal seam with edges (4, 5) that are joined together and wherein the sheet is sealed on both sides of the head, considered in longitudinal direction, and is twisted at at least one of the longitudinal ends. The seal seam extends over the full distance between both ends.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.733/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR RANDOM-NUMBER GENERATOR"

(51) International classification :G06F 7/58
(31) Priority Document No :10/897,589
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025610
Filing Date :23/07/2005
(87) International Publication No :WO 2006/014656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 26

(57) Abstract :
Method and apparatus for generating random numbers are disclosed. In one aspect, a method for generating random numbers for use in a wireless communication device provides for generating random numbers, gathering a sample of the generated random numbers, and computing at least one metric, such as mean value, standard deviation, and/or entropy. The method further provides for comparing the metric with a corresponding reference value and adjusting the metric based on a result of said comparison so that the generated random numbers achieve a desired distribution. In another aspect, an apparatus for generating random numbers includes an analog noise generator and hardware components for generating random numbers and feedback values to adjust the random numbers. The apparatus further includes a processor capable of executing instructions to carry out control algorithms for adjusting the random numbers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.734/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR FORWARDING TRAFFIC HAVING A PREDETERMINED CATEGORY OF TRANSMISSION SERVICE IN A CONNECTIONLESS COMMUNICATIONS NETWORK"

(51) International classification :II04L 12/56
(31) Priority Document No :10/911,692
(32) Priority Date :05/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/014218
Filing Date :08/08/2005
(87) International Publication No :WO 2006/040198
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHENG YIN LEE

No of Pages : 19
No of Claims : 16

(57) Abstract :
A method of forwarding traffic in a connectionless communications network from a source location to a destination location. The traffic is associated with a predetermined category of transmission service. The method involves assigning a principal path to the traffic. The principal path operatively connects the source and destination locations. The principal path is determined on the basis that transmission of the traffic from the source location to the destination location does not exceed a specified maximum delay for transmission. An alternate path is also assigned to the traffic. The alternate path is selected on the basis that the alternate path does not exceed a specified maximum delay for involving the alternate path in order to forward the traffic along the alternate path in the event the principal path is unavailable for forwarding the traffic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2003
(21) Application No.735/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SYNERGISTIC PHARMACEUTICAL COMPOSITION FOR HIGH MOLECULAR WEIGHT POLYMERIC DRUGS"

(51) International classification :A61P 31/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1033/DEL/2002
Filed on :11/10/2002

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4)GUNJAN KOHLI
5)K. RAGHUPATHI
6)K. TAMBWEKAR

No of Pages : 33
No of Claims : 24

(57) Abstract :
The present invention relates to a novel pharmaceutical composition useful for formulating a high molecular weight active(s) in a thixotropic, water swellable, and bioadhesive fill material for dispensing in gelatin and non-gelatin capsule dosage forms. The invention represents the art of formulating pharmaceutically active substances into more elegant medicaments.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.735/DELNP/2007 A
(43) Publication Date : 27/04/2007

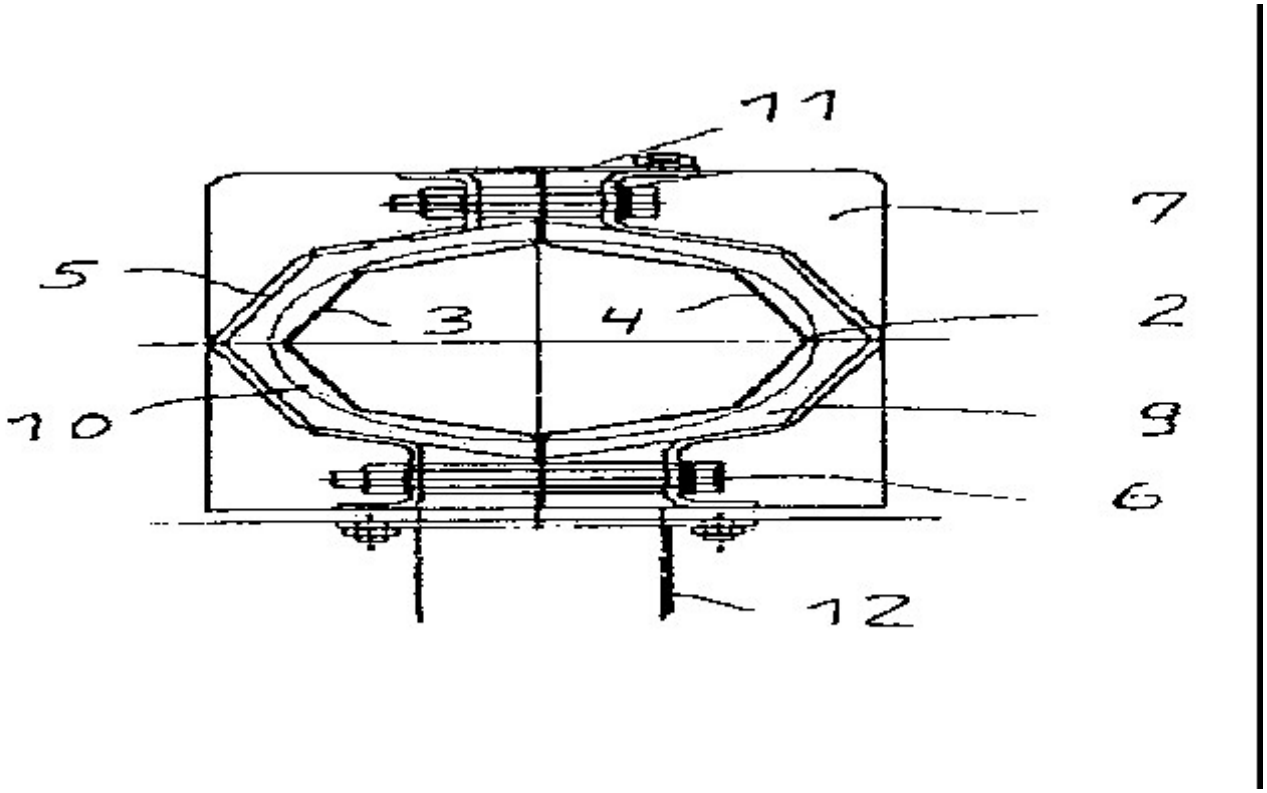
(54) Title of the invention : "POLISHING MACHINE"

(51) International classification	:B02B 3/04
(31) Priority Document No	:10 2004 041 367.3
(32) Priority Date	:25/08/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/CH2004/000706
Filing Date	:24/11/2004
(87) International Publication No	:WO 2006/021103
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FRANK-OTTO-GORLITZ

No of Pages : 13
No of Claims : 7

(57) Abstract :
The invention relates to a polishing machine for rice or other cereals, comprising a perforated basket (5) that is embodied in a simplified man ner. Said perforated basket (5) is provided with two curved walls in the form of half-shells with ribs (10) that protrude towards the interior. Preferably, both half-shells are connected to a split sieve (2) by means of screws and spacing elements so as to form a supporting perforated basket (5).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.736/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR VARIABLE LENGTH ACKNOWLEDGEMENTS IN A SHARED RESOURCE NETWORK"

(51) International classification :H04L 1/18
(31) Priority Document No :60/592,414
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027066
Filing Date :29/07/2005
(87) International Publication No :WO 2006/015252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 34
No of Claims : 38

(57) Abstract :
A system and method for producing variable length acknowledgments and requesting variable length acknowledgement signals in a shared resource network is provided. A plurality of data streams and frames are received, and receipt status information of the plurality of frames is generated. An acknowledgment frame comprising the receipt status information is produced. A length of the receipt status information is dependent on a number of the plurality of frames.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.738/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ONE-PASS CARRIER DELIVERY SEQUENCE SORTER"

(51) International classification :B07C 5/00
(31) Priority Document No :60/589,634
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025846
Filing Date :21/07/2005
(87) International Publication No :WO 2006/012399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 68
No of Claims : 38

(57) Abstract :
A mail sorting device and method (Fig. 1) comprising a reader (20, 24), a plurality of holders (28) for receiving mail in a generally vertical orientation, and a sorter (26), wherein mail pieces held by said holders are sorted according to sequence into interim unloading stations and then wrapped and encoded with the respective delivery address.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.740/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RAGE FUSION PROTEINS AND METHODS OF USE"

(51) International classification :C12N 15/62
(31) Priority Document No :60/598,362
(32) Priority Date :03/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027694
Filing Date :03/08/2005
(87) International Publication No :WO 2006/017643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 94
No of Claims : 28

(57) Abstract :
Disclosed are RAGE fusion proteins comprising RAGE polypeptide sequences linked to a second, non-RAGE polypeptide. The RAGE fusion protein may utilize a RAGE polypeptide domain comprising a RAGE ligand binding site and an interdomain linker directly linked to an immunoglobulin CH2 domain. Such fusion proteins may provide specific, high affinity binding to RAGE ligands. Also disclosed is the use of the RAGE fusion proteins as therapeutics for RAGE-mediated pathologies.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.741/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CRUSH MODELLING"

(51) International classification :G06F 17/50
(31) Priority Document No :0414992,8
(32) Priority Date :02/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002627
Filing Date :04/07/2005
(87) International Publication No :WO 2006/003438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ANDERSON, JAMES

No of Pages : 27
No of Claims : 39

(57) Abstract :
A method of determining the impact resistance of a structure including a crushable material comprises the steps of determining for one or more layers of a finite element of said material during an impact whether said element or layer thereof is to be treated as failing by crushing. If the element or layer is determined to fail by crushing, a load-bearing portion of the structure is defined and the load-bearing portion is treated for the purpose of subsequent calculations as exhibiting an ongoing resistance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2006
(21) Application No.7411/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND SYSTEM FOR TRANSLATION OF NAMED ENTITIES"

(51) International classification :G06F 17/28
(31) Priority Document No :60/363,443
(32) Priority Date :11/03/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/07512
Filing Date :11/03/2003
(87) International Publication No :WO 03/079225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2283/DELNP/2004
Filed on :05/08/2004

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No of Pages : 44
No of Claims : 34

(57) Abstract :
A method comprising: a candidate generator configured to obtain a named entity from text input of a source language; a potential translations generator configured to generate potential translations of the named entity from the source language to a target language using a pronunciation-based and spelling-based transliteration model; a re-ranker configured to search a monolingual resource in the target language for information relating to usage frequency and to provide output comprising one of the potential translations based on the usage frequency information.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.742/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SMELTING APPARATUS"

(51) International classification :F27D 3/06
(31) Priority Document No :2004904199
(32) Priority Date :27/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001101
Filing Date :27/07/2005
(87) International Publication No :WO 2006/010208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 48
No of Claims : 26

(57) Abstract :
A metallurgical vessel (11) has circumferentially spaced tubular mountings (25) through which to extend solids injection lances (31) into the vessel. Lance extraction apparatus (33) comprises an elongate track support structure (41) supporting a twin rail track (40) inclined upwardly and outwardly from the vessel above the direction of inclination of a respective lance (31). Interconnected upper and lower carriages (42, 44) are moveable along track (40) by operation of a hoist (47). Extraction apparatus (33) is operable sequentially to remove solids delivery line sections (36) and (37) and the lance (31) by connection to carriages (42, 44) and upward movement of those carriages along track (40). Upper carriage (42) carries a pivot arm (51) for connection to upper parts of components to be removed such that those components can be pivoted downwardly to positions in which they can be hung from an overhead crane for removal to a remote location.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.743/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "NOVEL ANTI-IGF-IR ANTIBODIES AND USES THEREOF"

(51) International classification :C07K 16/28
(31) Priority Document No :60/591,932
(32) Priority Date :29/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/002619
Filing Date :27/07/2005
(87) International Publication No :WO 2006/013472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 55
No of Claims : 27

(57) Abstract :
The present invention relates to novel antibodies capable of binding specifically to the human insulin-like growth factor I receptor IGF-IR and/or capable of specifically inhibiting the tyrosine kinase activity of said IGF-IR, especially monoclonal antibodies of murine, chimeric and humanized origin, as well as the amino acid and nucleic acid sequences coding for these antibodies. The invention likewise comprises the use of these antibodies as a medicament for the prophylactic and/or therapeutic treatment of cancers ovcrexpressing IGF-IR or any pathology connected with the ovcrcxpression of said receptor as well as in processes or kits for diagnosis of illnesses connected with the overexpression of the IGF-IR. The invention finally comprises products and/or compositions comprising such antibodies in combination with anti-EGFR antibodies and/or anti-VEGF antibodies and/or antibodies directed against other growth factors involved in tumor progression or metastasis and/or compounds and/or anti-cancer agents or agents conjugated with toxins and their use for the prevention and/or the treatment of certain cancers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.744/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LRP4/CORIN DOPAMINE-PRODUCING NEURON PRECURSOR CELL MARKER"

(51) International classification :C12N 15/09
(31) Priority Document No :2004-213743
(32) Priority Date :22/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/013453
Filing Date :22/07/2005
(87) International Publication No :WO 2006/009241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 122
No of Claims : 44

(57) Abstract :
The present invention relates to polynucleotide probes and antibodies for detecting Lrp4/Corin dopaminergic neuron progenitor cell markers, which enable the efficient separation of dopaminergic neuron progenitor cells; and methods for selecting the progenitor cells by the use thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007

(21) Application No.745/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS FOR INJECTING SOLID PARTICULATE MATERIAL INTO A VESSEL"

(51) International classification :C21B 13/10
(31) Priority Document No :2004904199
(32) Priority Date :27/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001103
Filing Date :27/07/2005
(87) International Publication No :WO 2006/010210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CADY, BARRY, ALAN

No of Pages : 25
No of Claims : 20

(57) Abstract :
Smelting apparatus comprises a vessel (11) and a solids injection lance (27a) extending through an opening in the wall of vessel barrel (16) into the interior space of the vessel. Lance (27a) includes a central core tube (31) through which to pass solid particulate material into the vessel and an annular cooling jacket (32) surrounding the central core tube (31) throughout a substantial part of its length. Lance (27a) has a mounting structure (61) comprising a tubular part (60) extended about cooling jacket (32) and about twice the diameter of the cooling jacket. Tubular part (60) fits within a tubular lance mounting bracket (62) welded to the shell (16a) of vessel barrel (16) to extend outwardly from the vessel. The lance is held within mounting bracket (62) by clamping bolts (66) acting between flanges (63,65) on tubular part (60)and tubular bracket (62), such that the forward end of part (60) is flush with the inner surface of the refractory lining (16b) of vessel barrel (16). On release of the clamping bolts and removal of a spacer ring (67) between flanges (63,65), lance (27a) can be driven inwardly for some distance by sliding within tubular bracket (62) to break slag accretions to permit withdrawal of the lance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.746/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SQUEEZE BOTTLE AND EYE DROPPER USING THE SAME"

(51) International classification :A61J 1/05
(31) Priority Document No :2004-224578
(32) Priority Date :30/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/013638
Filing Date :26/07/2005
(87) International Publication No :WO 2006/011473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 8

(57) Abstract :
To provide a squeeze bottle with reduced pressing force required to delivery a liquid, and particularly a squeeze bottle wherein the pressing force is reduced to such an extent that allows easy control of the discharge of liquid drops even when a valve operated by the liquid pressure is provided. In a squeeze bottle comprising the bottle body 10 for containing a liquid, and a neck 11 that leads to the opening end lOa of the bottle body 10, the bottle body 10 has a bellows 12 which is contracted and expanded in the direction y generally perpendicular to the direction x of delivering liquid. The bellows 12 has a plurality of pleated portions 13 disposed in the direction of delivery x. The pleated portions 13 are disposed at intervals in the direction of contraction y. Further, the width of the convex edge of the pleated portion 13 in the direction of width Z, that is, the distance between the both edges 14, is made to decrease from the middle to the both ends in the direction of contraction y. With respect to the concave edge of the pleated portion 13, the distance between the both edges 18 in the direction of width z is also made to decrease from the middle to the both ends in the direction of contraction y.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.748/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SPECTROSCOPIC METHODS FOR COMPONENT PARTICLE ANALYSIS"

(51) International classification :G01J 3/44
(31) Priority Document No :10/882,082
(32) Priority Date :30/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023635
Filing Date :30/06/2005
(87) International Publication No :WO 2006/091221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 130
No of Claims : 66

(57) Abstract :
The invention relates to methods of assessing one or more geometric properties of a particle of a substance using an spectroscopic property of the substance. The method is useful, for example, for assessing particle sizes and size distributions in mixtures containing both particles of the substance and other materials.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.749/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HIGH DOPPLER CHANNEL ESTIMATION FOR OFD MULTIPLE ANTENNA SYSTEMS

(51) International classification :H04L 25/02
(31) Priority Document No :10/888,136
(32) Priority Date :08/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001902
Filing Date :05/07/2005
(87) International Publication No :WO 2006/006044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)REID, TONY

No of Pages : 31
No of Claims : 38

(57) Abstract :
Fast fading in cellular systems causes time variation of the Channel Impulse Response (CIR) resulting in significant performance degradation that is reduced by adding a pulse train to the transmitted data symbols and estimating the CIR by averaging the symbols as they vary from one OFDM symbol to another within the physical data frame (or packet).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2003
(21) Application No.75/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GENES, VECTORS AND PRODUCTION OF LIPASE"

(51) International classification	:C12N 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 39
No of Claims : 53

(57) Abstract :
The present invention relates to creation, optimization and production of a lipase. More specifically, the invention relates to the generation and production of lipase variants that are thermostable and also stable in organic solvents. The invention also relates to methods of selecting lipase variants for high temperatures and for their purification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2002

(21) Application No.752/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF LEATHER LIKE SHEET AND THE SHEET PREPARED THEREBY

(51) International classification	:D06N 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)CHELLAPPA MURALIDHARAN
4)PARUCHURI GANGADHAR RAO

No of Pages : 13
No of Claims : 12

(57) Abstract :
A leather like sheet and its process of preparation by way of coating collagen us particle on fabric surface are disclosed, thereby providing not only an economic option for effective utilization of the solid wastes generated in leather industry, but also a suitable cost effective material for making different consumer products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2004
(21) Application No.752/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "VAPOR GAS SEPARATION DEVICE"

(51) International classification	:F 01 M 13/04	(71)**Name of Applicant :** **1)HONDA MOTOR CO. LTD** Address of Applicant :1-1,MINAMIAOYAMA 2-CHOME,MINATO-KU,TOKYO,JAPAN Japan
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(32) Priority Date	:NA	**1)MITSUO NAKAGAWA**
(33) Name of priority country	:NA	**2)TOICHIRO HIKICHI**
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

No of Pages : 12 No of Claims : 5

(57) Abstract :
To provide a vapor gas separation device and a strainer which are capable of efficiently separating vapor gas from feed fuel without requiring a power source which generates suction force and an electric power source therefor. [Constitution] A strainer 120 is mainly composed of: an inlet 301 through which feed fuel flows in from a fuel tank; a filter chamber 303 in which a filter 302 to filter feed fuel is housed; a vapor reservoir 304 provided on top of the filter chamber 303; an outlet 305 through which filtered feed fuel is supplied to a fuel pump; an inlet 306 through which return fuel applied with pressure flows in; a return fuel passage 307 through which return fuel is force-fed; an outlet 308 through which return fuel is discharged; and a vapor gas suction path 310 which communicates with the vapor reservoir 304 and the return fuel passage 307.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2006

(21) Application No.7577/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "INHALER DEVICE COUNTER"

(51) International classification :A61M 15/00
(31) Priority Document No :0401787-7
(32) Priority Date :05/07/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000995
Filing Date :23/06/2005
(87) International Publication No :WO 2006/004497
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRENEMAN, WILLIAM
3)BUNCE, MARTIN

No of Pages : 15
No of Claims : 9

(57) Abstract :
Inhaler device counter (20) for displaying the number of remaining doses in an inflaler device (10). The counter (20) comprises a counter mechanism and a display arrangement (60), wherein the display arrangement (60) is of pointer-gauge type with a static display section (90) provided as an integrated part of a transparent display containing part (150, 300) of a counter housing (70). There is also provided a method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2003
(21) Application No.762/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "USE OF ACTIVATED COAGULATION FACTOR VII FOR TREATING THROMBOLYTIC THERAPY-INDUCED MAJOR BLEEDINGS"

(51) International classification :A61K 38/48
(31) Priority Document No :00 128 252.4
(32) Priority Date :21/12/2000
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP01/15132
Filing Date :20/12/2001
(87) International Publication No :WO 02/49665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JEAN MARIE STASSEN
3)GERHARD HEUSEL
4)WOLFGANG WIENEN

No of Pages : 11
No of Claims : 10

(57) Abstract :
Major bleedings induced by thrombolytic/fibrinolytic therapy, including intracranial haemorrhages, are treated by administering to a subject suffering from such bleedings an effective amount of activated coagulation factor VII (Vlla) or of a functional derivative thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2004

(21) Application No.764/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FRIEND OF EARTH"

(51) International classification	:H04M 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MR.BHARAT BHUSHAN

No of Pages : 8

No of Claims : 3

(57) Abstract :
Vehicle Pooling System (Friend Of Earth) allows people to pool using Phones (esp. Mobile Phones) to meet their traveling needs. In conventional pooling, Vehicle Owner (VO) has to know People willing to Travel (PwT) personally due to security & other concerns. Additionally, their Destination, Timing etc. should match which severely retrains pooling. In our invention, (Friend Of Earth), travel requirements of VO & PwT are met on real time basis taking security & other concerns into account through use of Phone(s). Based on the input(s) by users in term of destination, timings etc thro' phone, the system informs both VO & PwT simultaneously about possible match(s). It will help in locating each other(s), keeps record of journey shared etc. Each of them will have option to select the result/s, alter travel plan(s). The system will thus benefit VO, PwT & society a lot by cutting global wanning, reducing traffic jams, accidents, petroleum consumption, etc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2003

(21) Application No.772/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A GRINDER BODY PRESENTING CONCAVE PORTIONS"

(51) International classification :B02C 17/20
(31) Priority Document No :FR 0015238
(32) Priority Date :24/11/2000
(33) Name of priority country :France
(86) International Application No :PCT/FR01/03709
Filing Date :23/11/2001
(87) International Publication No :WO 02/42001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CAMBIER BENJAMIN

No of Pages : 13
No of Claims : 14

(57) Abstract :
The present invention relates to a grinder body of the spherical type inscribed in a sphere (S) of radius R and including concave portions disposed in such a manner as to avoid altering the center of gravity of the sphere. In characteristic manner of the invention, the maximum depth (h) of the concave portions lies substantially in the range l/12th to l/18th of the radius R of said sphere (S). The present invention also provides a method of grinding that implements the grinder body of the invention, and a ball mill containing a grinding mass that includes grinder bodies of the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2002

(21) Application No.773/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PORTABLE ARC REACTOR USEFUL FOR PRODUCING MATERIALS SUCH AS FULLERENES AND CARBON NANOTUBES

(51) International classification :H01J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MOHAMED KAMALUDEEN
6)YAGNANARAYANAN MAHADEVA IYER

No of Pages : 14
No of Claims : 7

(57) Abstract :
The arc reactor of the present invention is a portable equipment useful for producing materials such as fullerenes and carbon nanotubes at high temperatures under controlled atmospheres. It consists of an electrode assembly with feeder springs, an external power source, a vacuum pumping and measuring system, a copper dome on which material deposits, a glass vacuum chamber and a switch to operate the arcing process with periodic interruptions to provide pulse arcing, which avoids cooling of electrodes and vacuum chamber. The reactor has been used to produce fullerenes by arcing graphite electrodes of different diameters in helium atmosphere. The fullerene soot deposits on a copper dome placed surrounding the electrode assembly from which its collection becomes simple. Since the whole system is built inside a glass vacuum chamber its dismantling and assembling becomes'very easy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2002
(21) Application No.775/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL MAINTENANCE-FREE REFERENCE ELECTRODE FOR MULTIFARIOUS APPLICATIONS

(51) International classification	:G01N 27/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 22
No of Claims : 11

(57) Abstract :
A novel maintenance - free reference electrode for multifarious applications which comprises a rigid polyvinyl chloride tubular container plugged at one end with a water cured cement plug capable of providing a bridge with the external medium, the surface of said cement plugged inside the said tublar pluge being provided with a layer of a semi solid paste.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2002
(21) Application No.776/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR FABRICATION OF POROUS TUBULAR CERAMIC SUBSTRATES FOR MEMBRANE,CATALYST SUPPORT AND THERMAL DIFFUSION APPLICATIONS

(51) International classification :C04B 35/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SIVASANKARAN NAIR RAJESH KUMAR

No of Pages : 17
No of Claims : 20

(57) Abstract :
The invention is a new process for fabrication of porous tubular ceramic substrates for membrane applications. The invention includes fabrication of tubular membrane substrates from aqueous suspension of ceramic powder by combining the principles of gelcasting and freeform fabrication. Accordingly a tube, made from an ashless filter paper, or any organic permeable material, containing dilute nitric acid is dipped in a suspension of alumina powder in methylol urea solution. The acid solution diffuses through the walls of the filter paper into the slurry and brings about gelation in the immediate vicinity. Thickness of the tube obtained depends on the dipping time and slurry solids loading. The porosity of the tube is tailored by varying the solids loading, alumina particle size and boehmite content. The pores are uniform and continuous and are stable up to 1300Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2003
(21) Application No.779/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN SF6 PUFFER INTERRUPTER

(51) International classification :H01H33/88
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NIL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PADHEE SANJEEB KUMAR

No of Pages : 9
No of Claims : 8

(57) Abstract :
The present invention relates to an sf6 puffer interrupter with an improved profile comprising: a ptfe nozzle (5) having a throat region (t) surrounding an annual clearance (7) between a fixed arcing contact (3) and said nozzle (5) characterized in that said throat region (t) is provided with gas channels (8,8,9,9) for faster arc heat dissipation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2004

(21) Application No.785/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RECYCLED RUBBER RAIL ROAD CROSSTIES"

(51) International classification :E01B 9/00
(31) Priority Document No :60/204,342
(32) Priority Date :15/05/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/15296
Filing Date :11/05/2001
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :INPCT/2002/01128/DEL
Filed on :14/11/2002

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No of Pages : 15
No of Claims : 8

(57) Abstract :
A method for the manufacture of a railroad crosstie from recycled rubber is disclosed. The rubber crosstie has an expected life of between 30 to 60 years and can be made primarily of rubber crumbs obtained from stockpiles of discarded rubber tires. A feature of the invention is to produce a crosstie having at least one longitudinal side incorporating a plurality of indentations for more effective frictional engagement upon installation into a gravel bed to avoid slippage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2004
(21) Application No.7852/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF INTERFERON GAMMA OR PIRFENIDONE WITH MOLECULAR DIAGNOSTICS FOR THE IMPROVED TREATMENT OF INTERSTITIAL LUNG DISEASES

(51) International classification	:A61K 31/57
(31) Priority Document No	:01130011.8
(32) Priority Date	:18/12/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/CH02/00691
Filing Date	:12/12/2002
(87) International Publication No	:WO 03/051388
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ROLF ZIESCHE

No of Pages : 76
No of Claims : 32

(57) Abstract :
The present invention relates to a novel pharmaceutical composition comprising interferon-γ or pirfenidone and a diagnostic array of candidate polynucleotides for the improved treatment of lung diseases, especially for all forms of interstitial lung diseases. This invention describes the combination of molecular diagnosis and clinical therapy as a novel medication principle for reduction of mortality and improvement of disease management in interstitial lung diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.789/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMPOSITION FOR THE MANUFACTURE OF FLYASH BASED RIGID ROOF SUPPORTS SUITABLE FOR UNDERGROUND MINES AND A PROCESS FOR THE MANUFACTURE OF RIGID ROOF SUPPORTS THEREFROM

(51) International classification	:C04B 18/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)BRAJ MOHAN PAT PINGUA
4)TRIBHUWAN NATH SINGH

No of Pages : 18
No of Claims : 10

(57) Abstract :
The composition, of the present invention, for the manufacture of flyash based rigid roof supports suitable for underground mines, consists of flyash, an industrial waste from thermal power plants, polymer resins, fibrous material and density modifiers for the manufacture of rigid props, useful in underground mines such as coal and non-coal mines. The flyash based rigid roof supports manufactured from the composition can be used in underground mines as a roof support in place of conventionally used timber and steel roof supports. The flyash based roof support is water and heat resistant and has no rusting effect in mine environment. The compressive strength, tensile strength and failure load are better than timber and it is suitable as roof support for underground mines.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.790/DEL/2002 A
(43) Publication Date : 27/04/2007

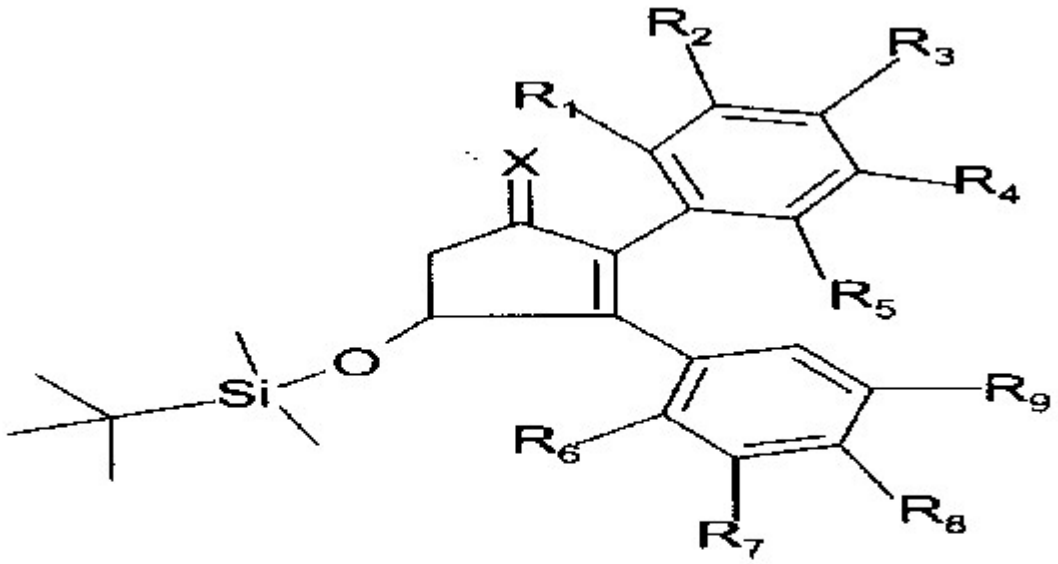
(54) Title of the invention : A PROCESS FOR THE PREPARATION OF NOVEL 2, 3-DIARYL-4-(tert-BUTYLDIMETHYLSILYLOXY) CYCLOPENT-2-EN-1-ONE AND IT'S DERIVATIVE

(51) International classification	:C07C 43/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 11

(57) Abstract :
The present invention relates to a process for the preparation of novel 2,3-diaryl-4-(tert-butyldimethylsilyloxy)-cyclopent-2-en-l-one of the formula (1) and it's derivative



Formula 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002

(21) Application No.792/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL 2, 3-DIARYL -4-(tert-BUTYLDIMETHYLSILYLOXY) CYCLOPENT-2-EN-1-ONE AND IT'S DERIVATIVE

(51) International classification	:C07F 7/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 10
No of Claims : 2

(57) Abstract :
The process of the present invention is described by the following examples, which are illustrative only and should not be construed as limit to the scope of the present invention in any manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.793/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TRIPHENYL PHOSPHINE

(51) International classification	:C07F 9/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 8
No of Claims : 7

(57) Abstract :
An improved process for the preparation of triphenyl phosphine which comprises: preparing an electrolyte by adding 10-25 m mol anhydrous aluminum chloride in a mixture of acetonitrile and benzene having acetonitrile to benzene ratio in the range of 1.9:1 to 2:1.2, adding triphenyl oxide to the above said electrolyte and taking the above said mixture in an undivided electrochemical cell having two electrode system containing an anode and a cathode, electrochemically reducing triphenyl phosphine oxide under a constant current, at a current density of 30 to 130 A/cm2, at a cell voltage of 6-9V and at a temperature of 50to 90 Â°C to obtain the desired product.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002

(21) Application No.794/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GARCINIA EXTRACT POWDER FROM G. PEDUNCULATA

(51) International classification	:A61K 31/19
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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7)KUNNUMPURATH KURIAN SAKARIAH

No of Pages : 9
No of Claims : 5

(57) Abstract :
1, A process for the preparation of Garcinia extracts powder from G. pedunculate, comprising the steps of: (e) cutting rinds of G. pedunculata into small pieces, (f) extracting the above said pieces with water by autoclaving for a period of 20-50 min at a pressure ranging between 5-20 psi, (g) filtering the above extract by known method, (h) spray drying the above said in a conventional spray drier at an inlet and an outlet temperature in the range of 130-160Â°C and 80-95Â°C respectively, at a feed rate of 70-95 ml/min to obtain the desired product in powder form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006

(21) Application No.7940/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BIOMARKERS FOR MONITORING INHIBITION OF IMPDH PATHWAY"

(51) International classification :A61K 38/17
(31) Priority Document No :60/575,076
(32) Priority Date :27/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/018551
Filing Date :27/05/2005
(87) International Publication No :WO 2005/117943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARDING MATTHEW W.
3)RAMACHANDRAN RAVI
4)BOTFIELD MARTYN

No of Pages : 544
No of Claims : 55

(57) Abstract :
The present invention is directed to biomarkers useful for monitoring the effects of inhibition of IMPDH in a patient. Methods and compositions of using the same arc described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7941/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DEVICE AND METHOD FOR EQUALIZING CHARGES OF SERIES-CONNECTED ENERGY STORES"

(51) International classification :H02J 7/00
(31) Priority Document No :10 2004 031 216.8
(32) Priority Date :28/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003164
Filing Date :24/03/2005
(87) International Publication No :WO 2006/000263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KNORR, RAINER
4)LUGERT, GUNTER

No of Pages : 22
No of Claims : 19

(57) Abstract :
The invention relates to a device and method for equalizing charges of series-connected individual cells of an energy store with a DC/DC converter, which draws energy from the energy store or from another energy source whereby charging an intermediate circuit capacitor whose voltage is inverted in a DC/AC converter and converting this alternating voltage via AC bus lines and coupling transformers by means of a rectifier into a pulsating direct current and charging the cell having the lowest cell voltage with this pulsating direct current.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7942/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "DEVICE AND METHOD FOR COMPENSATING CHARGES OF SERIALLY MOUNTED INDIVIDUAL CELLS OF AN ENERGY STORE"

(51) International classification :H02J 7/00
(31) Priority Document No :10 2004 031 216.8
(32) Priority Date :28/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/051386
Filing Date :24/03/2005
(87) International Publication No :WO 2006/000471
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KNORR, RAINER
4)LUGERT, GUNTER

No of Pages : 21
No of Claims : 15

(57) Abstract :
Disclosed are a device and a method for compensating charges of serially mounted individual cells of an energy store comprising a DC/DC converter which taps power from the energy store or an additional energy source, charges a capacitor of an intermediate circuit by means of said tapped power, inverts the voltage thereof in a DC/AC converter, converts said alternating voltage into an intermittent direct current via an AC bus and a double capacitor by means of a rectifier, and charges the cell with said intermittent direct current at the lowest cell voltage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7943/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND ARRANGEMENT FOR DETERMINING AT LEAST ONE SUGGESTION FOR CHANGING LOCATION FOR A USER OF A MOBILE TERMINAL"

(51) International classification :H04Q 7/38
(31) Priority Document No :10 2004 031 132.3
(32) Priority Date :28/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/052659
Filing Date :09/06/2005
(87) International Publication No :WO 2006/000528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KLEIN, CORNEL

No of Pages : 13
No of Claims : 18

(57) Abstract :
The invention essentially consists of, according to a current user location, at least one favorable user location in the vicinity of a respective current user location for a mobile terminal is, as a suggestion for changing location, determined from communications requests for at least one respective application and from available network services in the vicinity of the current user location by virtue of the fact that, in favorable locations, network services, can be more efficiently and/or economically used.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7944/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FLEXIBLE SESSION INITIAATION PROTOCOL ENDPOINT SIGNALING"

(51) International classification :H04L 29/06
(31) Priority Document No :10/879,565
(32) Priority Date :28/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007255
Filing Date :07/03/2005
(87) International Publication No :WO 2006/011916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 26

(57) Abstract :
A method, apparatus, and computer program product for flexibly assigning Session Initiation Protocol (SIP) Endpoints to any part of a communication resource is disclosed. The present invention removes the device location and behavior requirements from the application, thus providing a generic interface for robust application development.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7945/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : VITAMIN K1 AS ENERGIZER IN COSMETIC FORMULATIONS

(51) International classification :A61K 7/48
(31) Priority Document No :04014378.6
(32) Priority Date :18/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/006478
Filing Date :16/06/2005
(87) International Publication No :WO 2005/123029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 10

(57) Abstract :
The invention relates to the use of vitamin K1 as energizer in cosmetic formulations and to specific cosmetic formulations containing vitamin K1.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006
(21) Application No.7946/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMPROVING INTERSYSTEM CELL RESELECTION FROM GERAN TO UTRAN

(51) International classification :H04Q 7/38
(31) Priority Document No :60/578,639
(32) Priority Date :10/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001561
Filing Date :02/06/2005
(87) International Publication No :WO 2005/122621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOKINEN, HARRI

No of Pages : 27
No of Claims : 32

(57) Abstract :
This invention describes a method for a cell reselection by a mobile station from a serving GERAN cell supported by a GSM/EDGE (global system for mobile communications/enhanced data rates for GSM evolution) radio access network (GERAN) to a UTRAN cell supported by a universal terrestrial radio access network (UTRAN). According to a first embodiment of the invention, the intended intersystem reselection behavior is reached without signaling changes. This can be a preferred mode for early implementations because signaling changes always take a longer time to reach the products on the field (both mobile and network updates are normally required). According to a second embodiment of the invention, the flexibility of signaling changes is used for an advantage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2006

(21) Application No.7947/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLUID PRODUCT DISPENSER

(51) International classification :B65D 83/14
(31) Priority Document No :0451164
(32) Priority Date :14/06/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050438
Filing Date :13/06/2005
(87) International Publication No :WO 2006/000730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 11

(57) Abstract :
A fluid dispenser device comprising: a reservoir (1) of fluid to be dispensed; a dispenser member (2) , such as a pump or a valve, mounted on said reservoir (1) ; and a body (3) that is suitable for receiving said reservoir (1), said body (3) being provided with a dispenser orifice and with an opening (310) via which said reservoir (1) can be inserted into the body (3), said reservoir (1) being displaceable between a working position, in which said dispenser member (2) co-operates with said body (3) between a rest position and a dispensing position, and a withdrawn position in which said dispenser member (2) does not co-operate with said body (3), said reservoir (1) being secured to said body (3) in all positions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7948/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS OF STERILIZING POLYCARBONATE ARTICLES"

(51) International classification :A61L 2/07
(31) Priority Document No :10/884,261
(32) Priority Date :02/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023500
Filing Date :29/06/2005
(87) International Publication No :WO 2006/085070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 61
No of Claims : 26

(57) Abstract :
A method comprising treating an article with steam, wherein the article comprises a composition comprising an amount of a polysiloxane-polycarbonate copolymer effective to provide thermal and hydrolytic stability to the article for at least 15 cycles, wherein each cycle comprises 20 minutes of contact with steam at 100Â°C, at atmospheric pressure. The articles are of utility in a wide variety of applications such as food service and medical applications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7949/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION"

(51) International classification :G06F 3/023
(31) Priority Document No :04253279.6
(32) Priority Date :02/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/CA2005/000853
Filing Date :02/06/2005
(87) International Publication No :WO 2005/119415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 47
No of Claims : 12

(57) Abstract :
A handheld electronic device includes a reduced QWERTY keyboard and is enabled with disambiguation software. The device provides output in the form of a default output and a number of variants. The output is based largely upon the frequency, i.e., the likelihood that a user intended a particular output, but various features of the device provide additional variants that are not based solely on frequency and rather are provided by various logic structures resident on the device. The device enables editing during text entry and also provides a learning function that allows the disambiguation function to adapt to provide a customized experience for the user. The disambiguation function can be selectively disabled and an alternate keystroke interpretation system provided. Additionally, the device can facilitate the selection of variants by displaying a graphic of a special key of the keypad that enables a user to progressively select variants generally without changing the position of the user's hands on the device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002

(21) Application No.795/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE RECOVERY OF HIGHLY PURE ACRYLONITRILE

(51) International classification	:C07C 255/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 21
No of Claims : 6

(57) Abstract :
Process for recovery of highly pure acrylonitrile by quickly vaporizing under vacuum the contaminated acrylonitrile as well as fresh acrylonitrile followed by contacting with hydrophilic agents in an extractive distillation column using plural number of packed sections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7952/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TETRACYCLIC COMPOUNDS AS ESTROGEN LIGANDS

(51) International classification :C07D 307/77
(31) Priority Document No :60/584,516
(32) Priority Date :01/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023044
Filing Date :29/06/2005
(87) International Publication No :WO 2006/007503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 77
No of Claims : 48

(57) Abstract :
This invention provides estrogen receptor modulators having the structure: (I) wherein R1, R2, R3, R4, Q, n, R9, R10, R11, and RH have been defined in the specification; or a pharmaceutically acceptable salt thereof. The invention further provides methods for the preparation and use of the compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7953/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CORROSION RESISTANCE ENCHANCEMENT OF TIN SURFACES"

(51) International classification :C23F 11/167
(31) Priority Document No :10/860,678
(32) Priority Date :03/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019395
Filing Date :02/06/2005
(87) International Publication No :WO 2005/121405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 23
No of Claims : 33

(57) Abstract :
A method for enhancing corrosion resistance of a tin-based surface on a workpiece involving contacting the tin-based surface with a composition comprising a phosphonic acid compound and water to form a phosphorus-based film over the tin-based coating thereby inhibiting corrosion of the tin-based surface. Phosphonic acid containing compositions having a concentration up to about 30 vol. % of an organic solvent, and water.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7954/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GAS FLOW ENHANCER FOR COMBUSTION ENGINES"

(51) International classification :F01D 1/36
(31) Priority Document No :60/580,146
(32) Priority Date :15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007971
Filing Date :07/03/2005
(87) International Publication No :WO 2006/001855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 27

(57) Abstract :
A gas flow enhaucer tor a combustion engine includes a housing, configured to receive an inlet flow of gas at an inlet pressure, and enclosing an expansion chamber. Disposed within the expansion chamber are a set of inner vanes and outer vanes, and a flow separator. The outer vanes are disposed outside the flow separator and produce an outer helical flow of the gas The inner vanes are disposed within the flow separator and produce an inner helical flow of the gas, the inner helical flow having a higher velocity and lower pressure than the outer helical flow. The outer helical flow and inner helical flow are recombined at an outlet of the expansion chamber so as to produce an outlet laminar flow profile having a lower average pressure than the inlet pressure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7955/DELNP/2006 A
(43) Publication Date : 27/04/2007

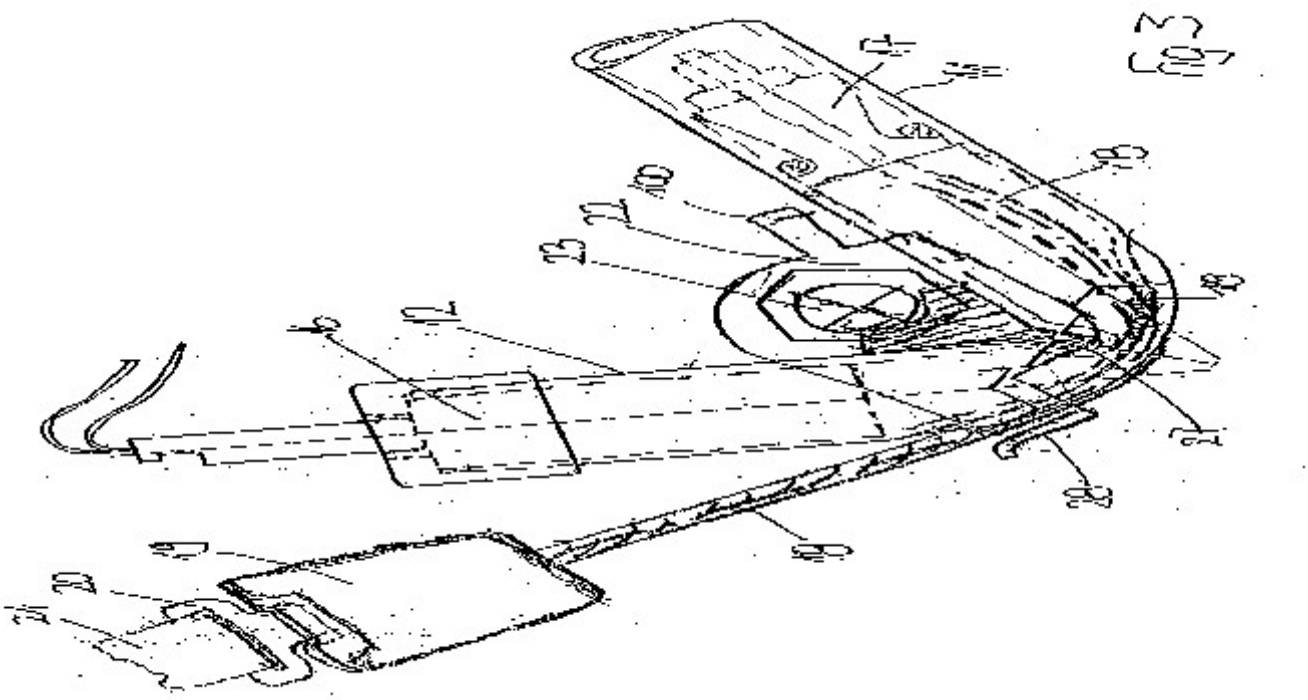
(54) Title of the invention : "SAFETY BELT TENSIONING DEVICE COMPRISING A TUBE WITH A BOTTLENECK"

(51) International classification	:B60R 22/195
(31) Priority Document No	:10 2004 032 063.2
(32) Priority Date	:01/07/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/006506
Filing Date	:17/06/2005
(87) International Publication No	:WO 2006/002776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KLAUS-PETER SINGER

No of Pages : 19
No of Claims : 12

(57) Abstract :
The invention relates to a safety belt tensioning device comprising a piston which is guided in a tube and, when triggered, is supplied with a gas produced by a gas generator arranged in a tube section, a lateral section introduced into the tube by a cable opening being connected to said piston. The inventive device is characterised in that the receiving section (12) of the tube (10), receiving the gas generator (16), is staggered in relation to the piston stroke section (11) of the tube (10), receiving the piston (17), by means of a narrowing of the cross-section of the tube (10), having a defined overflow course (29).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7956/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PREPARATION OF BETA-AMINO ACIDS HAVING AFFINITY FOR THE ALPHA-2-DELTA PROTEIN

(51) International classification :C07C 231/18
(31) Priority Document No :60/586,512
(32) Priority Date :09/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/001966
Filing Date :27/06/2005
(87) International Publication No :WO 2006/008612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GARRETT HOGE
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No of Pages : 84
No of Claims : 10

(57) Abstract :
Disclosed are materials and methods for preparing optically active B-amino acids of Formula (1), which bind to the alpha-2-delta (a2b) subunit of a calÂcium channel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7957/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "GEMCITABINE DERIVATIVES NANOPARTICLES"

(51) International classification :A61K 31/06
(31) Priority Document No :0451365
(32) Priority Date :30/06/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050488
Filing Date :23/06/2005
(87) International Publication No :WO 2006/090029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 24

(57) Abstract :
The invention concerns a 2',2'-difluoro-2'-deoxycylidine derivative of genÂeral formula (I), wherein: R1, R2 and R3, identical or different, represent independently of one another, a hydrogen atom or an at least C18 hydrocarbon acyl radical and of such conÂformation that it is capable of providing said compound of general formula (I), a compacted form in a polar solvent medium, at least one of groups ri, R2and R3 being other than a hydrogen atom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7958/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMBINATION OF ANTI-HIV REVERSE TRANSCRIPTASE AND PROTEASE INHIBITORS"

(51) International classification :A61K 31/427
(31) Priority Document No :04103256.6
(32) Priority Date :08/07/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/053266
Filing Date :08/07/2005
(87) International Publication No :WO 2006/005720
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 11
No of Claims : 8

(57) Abstract :
The invention relates to an anti-HIV combination comprising (i) tenofovir or its disoproxil fumarate derivative; (ii) ritonavir; and (iii) TMC 114, useful for the treatment or prevention of HIV infections. It further relates to pharmaceutical formulations containing such combinations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7959/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SUBSTITUTED 2-ALKYL QUINAZOLINONE DERIVATIVES AS PARP INHIBITORS"

(51) International classification :C07D 239/90
(31) Priority Document No :04076887.1
(32) Priority Date :30/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/053034
Filing Date :28/06/2005
(87) International Publication No :WO 2006/003150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JACOBUS ALPHONSUS JOSEPHUS VAN DUN
4)MARIA VICTORINA FRANCISCA SOMERS
5)WALTER BOUDEWIJN LEOPOLD WOUTERS

No of Pages : 34
No of Claims : 9

(57) Abstract :
The present invention provides compounds of formula (I), their use as PARP inhibitors as well as pharmaceutical compositions comprising said compounds of formula (I) wherein R1 , R3 , I,, X, Y and 7. have defined meanings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7960/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PHITHALAZINE DERIVATIVES AS PARP INHIBITORS"

(51) International classification :A61K 31/502
(31) Priority Document No :04076886.3
(32) Priority Date :30/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/053030
Filing Date :28/06/2005
(87) International Publication No :WO 2006/003147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 60
No of Claims : 8

(57) Abstract :
The present invention provides compounds of forÂmula (I), their use as PARP inhibitors as well as pharmaceutical comÂpositions comprising said compounds of formula (I) wherein R1 , R2 , L , L , X, Y, Q and Z have defined meanings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7961/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PRODUCTION OF AN ABUSE-PROOFED SOLID DOSAGE FORM USING A PLANETARY-GEAR EXTRUDER"

(51) International classification :A61K 9/20
(31) Priority Document No :10 2004 032 051.9
(32) Priority Date :01/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/006983
Filing Date :29/06/2005
(87) International Publication No :WO 2006/002883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 46
No of Claims : 23

(57) Abstract :
The invention relates to a method for producing a solid dosage form, which is safeguarded against abuse, contains at least one active ingredient that has an abuse potential, and contains a synthetic and/or natural polymer with a breaking resistance of at least 500 N. The invention is characterized in that a corresponding mixture is processed by melt extrusion with the aid of a planetary gear extruder.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7962/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "RULE BASED SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING PHOTOMASK ORDERS"

(51) International classification :G06F 17/50
(31) Priority Document No :10/877,001
(32) Priority Date :25/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017101
Filing Date :16/05/2005
(87) International Publication No :WO 2006/007110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 76
No of Claims : 109

(57) Abstract :
A system for generating photomask orders in a specified format includes at least one template or order for entry and storage of photomask order data, wherein the at least one template or order is created based upon requirements of a specified photomask order format. The system includes at least one set of rules corresponding to the at least one template or order, wherein the set of rules includes instructions which insure that a user enter complete information into the at least one template or order as required by the specified order formal. The templates or order may be further comprised of components and/or subcomponents which can be stored separately. The data fields in the orders, templates, components, subcomponents, etc. may reference specification grades which can in turn be easily modified to update one or more orders, templates, components, subcomponents, etc. simultaneously. A graphical user interface may be associated with the at least one template or order, wherein the user can access the at least one template or order to enter photomask order data and create an order in a specified format. In at least one embodiment, the at least one template or order is updated by referencing specification grades. Alternatively, a command line generator may be used to allow a user to enter commands to generate and/or modify templates and orders. In one embodiment, preexisting data or information may be imported in the form of electronic information and be converted to populate data fields in an order, template, components and subcomponents, etc. A data processing mechanism may also be used to import electronic information from external media into the at least one template or order.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7963/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 2,4,6-TRISUBSTITUTED PYRIMIDINES AS PHOSPHOTIDYLINOSITOL (PI) 3-KINASE INHIBITORS AND THEIR USE IN THE TREATMENT OF CANCER

(51) International classification :C07D 413/04
(31) Priority Document No :0415367.2
(32) Priority Date :09/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002678
Filing Date :07/07/2005
(87) International Publication No :WO 2006/005918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 122
No of Claims : 13

(57) Abstract :
The invention concerns pyrimidine derivatives of Formula (I) wherein each of p, R1, R2, q, R3, r, R4, X1 and Q1 have any of the meanings defined in the description; processes for their preparation, pharmaceutical compositions containing them and their use in the manufacture of a medicament for use in the production of an anti-proliferative effect in a warm-blooded animal such as man.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7964/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COUPLING"

(51) International classification :F16L 37/14
(31) Priority Document No :10 2004 038 912.8
(32) Priority Date :11/08/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/013368
Filing Date :25/11/2004
(87) International Publication No :WO 2006/018038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 3

(57) Abstract :
The invention relates to a coupling comprising a receiving part (1) and a fixing part (10), which have a blocking assembly (15, 16, 17). If the insertion part has not been introduced into the receiving part (1) correctly, elements (15, 16, 17) of the blocking assembly that are configured on the receiving part (1) and on the fixing part (10) engage with one another in such a way that the fixing part (10) is prevented from being retracted from the extended position. Arms (11, 12) of the fixing part (10) are configured in such a way that when a retaining ring of the insertion part is positioned in the vicinity of said arms (11, 12), the engagement of the elements (15, 16, 17) of the blocking assembly is released and the fixing part (10) can be displaced into the retracted position to engage behind the retaining ring by means of the retraction section. This permits an efficient mounting operation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7966/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HETEROGENEOUS MEMBRANE ELECTRODES

(51) International classification :G01N 27/30
(31) Priority Document No :10/856,929
(32) Priority Date :01/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000842
Filing Date :01/06/2005
(87) International Publication No :WO 2005/119235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 69
No of Claims : 61

(57) Abstract :
The present invention relates to planar electrochemical sensors with membrane coatings used to perform chemical analyses. The object of this invention is to provide unit-use disposable sensors of very simple and inexpensive construction, preferably with only a single membrane coating on an electrode. The invented devices are potentiometric salt-bridge reference electrodes and dissolved gas sensors constructed with a heterogeneous membrane coating of a conductor. The heterogeneous membrane, which is an intimate admixture of a hydrophobic and a hydrophilic compartment, concurrently supports constrained transport of non-volatile species through its hydrophilic compartment and rapid gas and water vapor transport through its hydrophobic compartment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7967/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTILAYER CAVITY SLOT ANTENNA

(51) International classification :H01Q 13/10
(31) Priority Document No :10/930,660
(32) Priority Date :31/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026065
Filing Date :20/07/2005
(87) International Publication No :WO 2006/025972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 24
No of Claims : 16

(57) Abstract :
An exemplary slot antenna (100) having an antenna cavity that extends over multiple layers is provided. The slot antenna includes a reference conductive layers (104), a radiating conductive layer (106) having at least one slot opening (108), one or more intermediate conductive layers (114) disposed between the reference conductive layer and the radiating conductive layer, and two or more dielectric layers (110, 112). The two or more dielectric layers include at least a first dielectric layer disposed between the reference conductive layer and the one or more intermediate conductive layers and a second dielectric layer disposed between the one or more intermediate conductive layer's and the radiating conductive layer. Each of the one or more intermediate conductive layers includes at least one opening (122) substantially devoid of conductive material. Due to its reduced footprints in the x-y plane, the multilayer slot antenna may be embedded in an integrated circuit package (600, 700) for use in a wireless device. The multilayer slot antenna also exhibits dual resonant frequencies under certain circumstances.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7968/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RECESSED SEMICONDUCTOR DEVICE

(51) International classification :H01L 31/0328
(31) Priority Document No :10/925,855
(32) Priority Date :25/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026064
Filing Date :22/07/2005
(87) International Publication No :WO 2006/025971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 20

(57) Abstract :
A semiconductor structure includes a first semiconductor layer (22), a second semiconductor layer (24) over the first semiconductor layer, a third semiconductor layer (25) over the second semiconductor layer, and a fourth semiconductor layer (26) over the third semiconductor layer. A first conductive portion (144) is coupled to the first semiconductor layer, and a second conductive portion (50) is formed over the first' semiconductor layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7969/DELNP/2006 A
(43) Publication Date : 27/04/2007

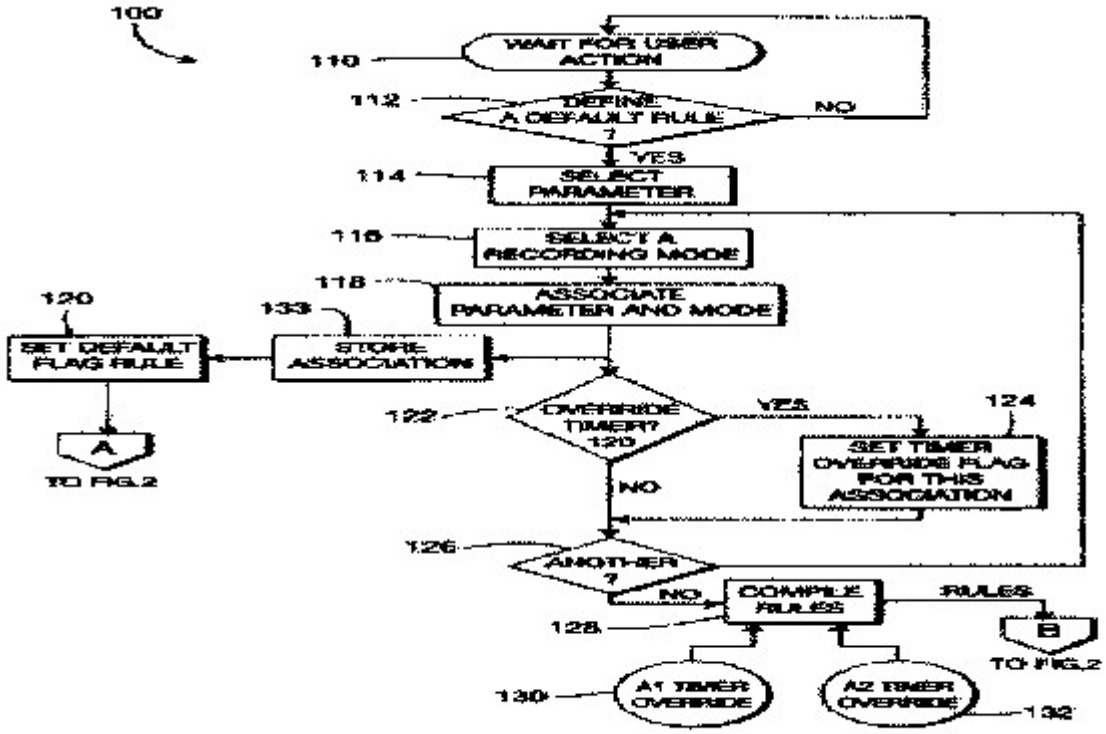
(54) Title of the invention : USER DEFINED DEFAULT RECORDING MODE RULES

(51) International classification :H04N 5/76
(31) Priority Document No :10/894,953
(32) Priority Date :20/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025617
Filing Date :18/07/2005
(87) International Publication No :WO 2006/014660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 19

(57) Abstract :
A method and apparatus are disclosed for providing user selectable default recording modes in a recording device. The present invention relates to a method and apparatus for determining a default recording mode comprising the step of defining at least one default recording mode rule to be applied across a plurality of video recording sessions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.797/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR RECOVERY OF FLUORIDE CHEMICALS FROM THE LEACH LIQUOR GENERATED IN THE REFINING OF LOW-GRADE MOLYBDENITE CONCENTRATE

(51) International classification	:C01F 7/50
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 4

(57) Abstract :
This invention particularly relates to a process for selective recovery of sodium silicofluoride and cryolite from the solutions containing hydrofluosilicic acid, hydrofluoaluminic acid, hydrofluoferric acid, copper and nickel generated during refining of low-grade molybdenite concentrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7970/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PACKAGED COMPOSITION FOR THE DELIVERY OF SAID COMPOSITION INTO AN AQUEOUS MEDIUM

(51) International classification :C08L 3/04
(31) Priority Document No :04254155.7
(32) Priority Date :12/07/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/US2005/024728
Filing Date :11/07/2005
(87) International Publication No :WO 2006/017303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 15

(57) Abstract :
The invention is a packaged composition for the delivery of the composition into an aqueous medium. The packaged composition comprises a rigid container made of a biodegradable, starch-based polymer, and an anhydrous composition inside said container. The invention also comprises a process of manufacturing the packaged composition, and a process of delivering the packaged composition to an aqueous medium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7971/DELNP/2006 A
(43) Publication Date : 27/04/2007

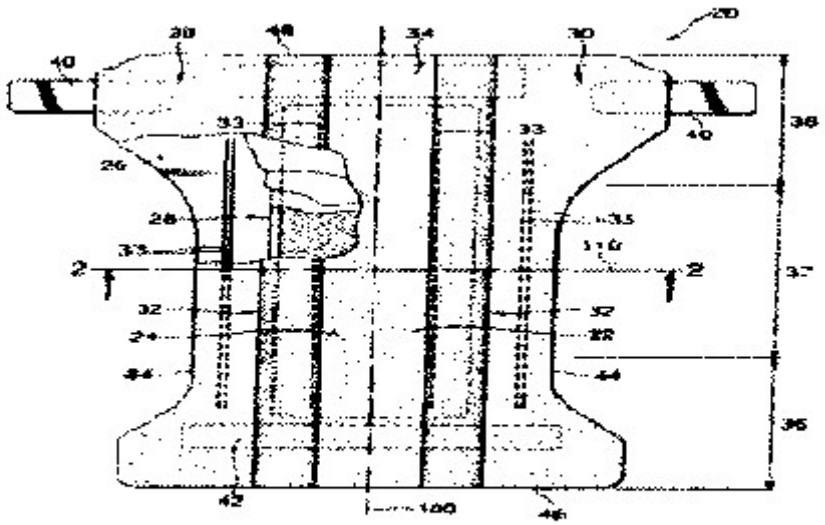
(54) Title of the invention : SURFACE CROSS-LINKED SUPER ABSORBENT POLYMER PARTICLES AND METHODS OF MAKING THEM

(51) International classification	:C08J 3/28
(31) Priority Document No	:04017071.4
(32) Priority Date	:20/07/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/US2005/025343 :15/07/2005
(87) International Publication No	:WO 2006/020161
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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No of Pages : 40
No of Claims : 13

(57) Abstract :
The present invention relates to superabsorbent polymer particles with improved surface cross-linking and their use in absorbent articles. The superabsorbent polymer particles of the present invention comprise polymer chain segments, wherein at least a part of the polymer chain segments are covalently cross-linked to each other and wherein at least a part of the cross-links comprise the reaction product of cross-linking molecules having at least two C=C double bonds and further comprise the reaction product of radical former molecules. These cross-links are present at surfaces of the superabsorbent polymer particles. Moreover, theinvention relates a method for making these superabsorbent polymer particles.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7972/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NOVEL O-AMINOPHENOL DERIVATIVES AND COLORANTS CONTAINING SAID COMPOUNDS

(51) International classification :C07D 333/20
(31) Priority Document No :10 2004 035 164.3
(32) Priority Date :20/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/`EP05/005380
Filing Date :18/05/2005
(87) International Publication No :WO 2006/007896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 27
No of Claims : 10

(57) Abstract :
o-Aminophenol derivatives of the general formula (I) or physiologically compatible, water-soluble salts thereof, in which X is oxygen, sulfur or N-R4; Rl, R2, R3 may be identical or different and, independently of one another, are hydrogen, a halogen atom, a cyano group, a Ci-C4-alkoxy group, a Ci-C6-alkyl group, a C1-C4-alkyl thioether group, a mercapto group, a' nitro group, a trifluoromethane group, a -C(0)H group, a -C(0)CH3 group, a -C(0)CF3 group, an -Si(CH3)3 group, a C1-C4-hydroxyalkyl group or an aminomethyi group; R4 is hydrogen, a C1-C6-alkyl group, a C1-C4-hydroxy- alkyl group, a phenyl group or an acetyl group; and colorants containing said compounds for keratin fibers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7973/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PERSONAL CARE COMPOSITIONS CONTAINING CATIONICALLY MODIFIED STARCH AND AN ANIONIC SURFACTANT SYSTEM

(51) International classification :A61Q 5/02
(31) Priority Document No :60/585,152
(32) Priority Date :02/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023780
Filing Date :01/07/2005
(87) International Publication No :WO 2006/014416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)STAUDIGEL, JAMES, ANTHONY
4)GIZAW, YONAS

No of Pages : 35
No of Claims : 12

(57) Abstract :
Personal care compositions comprise (a) from 0.01 wt.% to 10 wt.% of a water-soluble cationically modified starch polymer, wherein said water-soluble cationically modified starch polymer has a molecular weight from 1,000 to 200,000 and a charge density from 0.7 meq/g to 7 meq/g; (b) from 5 wt.% to 50 wt.% of an anionic surfactant system, said anionic surfactant system comprising at least one anionic surfactant and having an ethoxylate level and an anion level, (i) wherein sai d ethoxylate level is from 1 to 6, and (ii) wherein said anion level is from about 1 to about 6; and (c) a cosmetically acceptable medium. Personal care compositions as described above further comprise from about 0.01 wt.% to about 10 wt.% of one or more oily conditioning agents. Methods of treating hair or skin comprise applying the personal carePersonal care compositions comprise (a) from 0.01 w t.% to 10 wt.% of a water-soluble cationically modified starch polymer, wherein said water-soluble cationically modified starch polymer has a molecular weight from about 1,000 to about 200,000 and a charge density from about 0.7 meq/g to ab out 7 meq/g; (b) from about 5 wt.% to about 50 wt.% of an anionic surfactant sytem, said anionic surfactant system comprising at least one anionic surfactant and having an ethoxylate level and an anion level, (i) wherein said ethoxylate level is from about 1 to about 6, and (ii) wherein said anion level is from about 1 to about 6; and (c) a cosmetically acceptable medium. Personal care compositions as described above further comprise from about 0.01 wt.% to about 10 wt.% of one or more oily conditioning agents. Methods of treating hair or skin comprise applying the personal care compositions as described above to the hair or skin and rinsing the hair or skin.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006
(21) Application No.7974/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "REFUELING FACILITY, REFUELING DEVICE, AND REFUELING METHOD"

(51) International classification :F17C 5/06
(31) Priority Document No :2004-206110
(32) Priority Date :13/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/013210
Filing Date :12/07/2005
(87) International Publication No :WO 2006/006715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IIDA YASUYUKI

No of Pages : 26
No of Claims : 21

(57) Abstract :
A refueling facility (200) according to the present invention comprises a refueling source (210) for refueling a fuel cell vehicle with fuel, a power supply source (220) for supplying power to the fuel cell vehicle, and a controller (230) for controlling refueling and power supply from the refueling facility (200) to the fuel cell vehicle. The forward end of a refueling path (211) and that of a power supply path (221) are integrated into a supply connector (240). The refueling and the power supply are achieved by connecting the supply connector (240) to a fuel receptacle (110) of the fuel cell vehicle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.7975/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MEMBRANE ELECTRODE ASSEMBLY WITH CONTROLLED WATER MANAGEMENT/ION FLOW

(51) International classification	:H01M
(31) Priority Document No	:0413514.1
(32) Priority Date	:16/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/002356
Filing Date	:16/06/2005
(87) International Publication No	:WO 2005/124893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)BOURNE, SIMON
4)SMITH, RACHEL LOUISE

No of Pages : 24
No of Claims : 19

(57) Abstract :
An membrane-electrode assembly includes a grid for controlling ion tiow, separate layers of membrane material and/or an ionically inactive material for the transmission of a liquid or gaseous reaction component to end/or from at least one of the electrodes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002

(21) Application No.799/DEL/2002 A
(43) Publication Date : 27/04/2007

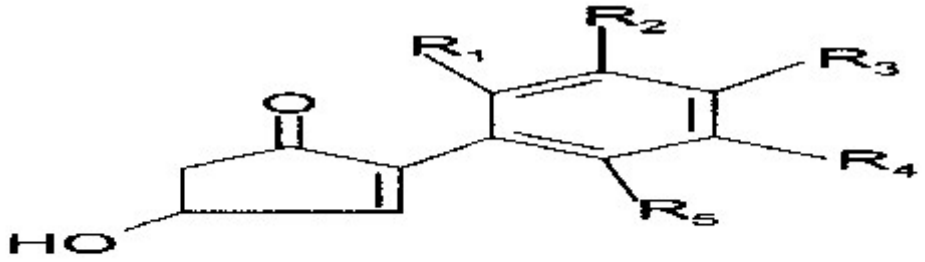
(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 2-ARYL - 4-HYDROXY-CYCLOPENT-2-EN-1-ONES

(51) International classification :C08B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

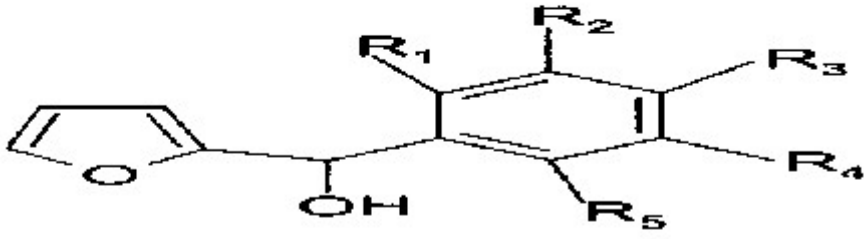
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6)VINOD HANUMANTROA JADHAV
7)ANURADHA MACHHINDRA WAGH

No of Pages : 11
No of Claims : 7

(57) Abstract :
The present invention relates to a process for the preparation of 2-aryl-4-hydroxy-cyclopent-2-en-l-ones of the formula (1). More particularly it relates to a process for the preparation of 2-aryl(substituted)-4-hydroxy-cyclopent-2-en-l-ones of the formula (1) from the corresponding aryl (substituted) furyl methanol having formula (2) wherein 0R1 to R5 are each independently selected from the group consisting of hydrogen, azido, cyano, carboxymethyl, methoxy, methyl, thiomethyl, halo and nitro. The 2-aryl (substituted)-4-hydroxy-cyclopent-2-en-l-ones and their derivatives are useful intermediates in the synthetic organic chemistry and can be used for synthesis of biologically active compounds. Some of the 2,3-diaryl-4-substituted cyclopent-2-en-l-one derivatives have demonstrated remarkable cytotoxic activity against a variety of human cancer cell lines



FORMULA 1



FORMULA 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.7995/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR STABILISING REAGENTS WHICH ARE USEFUL FOR NUCLEIC ACID AMPLIFICATION"

(51) International classification :C12G 1/68
(31) Priority Document No :0414815.1
(32) Priority Date :02/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002628
Filing Date :04/07/2005
(87) International Publication No :WO 2006/003439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PETER JOHN WHITE AND MARK BASCHE

No of Pages : 47
No of Claims : 18

(57) Abstract :
A method for stabilising reagents suitable for use in a nucleic acid amplification reaction has now been developed comprising: (i) preparing a reagent mixture comprising reagents suitable for use in a nucleic acid amplification reaction wherein the mixture comprises a polynucleotide polymerase; and (ii) drying the reagents; characterised in that said reagent mixture comprises from about 0.1 % to about 50 % of the final concentration of magnesium ions required to activate an amplification reaction. Reagents, reaction vessels, use of such reagents in a nucleic acid amplification reaction, and a method of conducting an amplification reaction using reagents so prepared are also disclosed herein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/01/2003

(21) Application No.8/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND COMPOSITIONS FOR ENHANCING CYTOCHROME P450 IN PLANTS"

(51) International classification :A01N 31/00
(31) Priority Document No :08/927,415
(32) Priority Date :11/09/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2685/DEL/1998
Filed on :09/09/1998

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No of Pages : 60
No of Claims : 66

(57) Abstract :
The present invention provides methods for treating plants which comprise application of an oxidant that induces NADPH:cytochrome P450 reductase and application of a reductant that induces cytochrome P450 monooxygenase. The present invention also provides methods for increasing cytochrome P450 in plants and for enhancing the growth of plants. The present invention also provides compositions and systems useful in the methods of the present invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.800/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE RECOVERY OF CHROMIUM FROM CHROMITE ORE

(51) International classification	:C22B 34/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DOLLY CHAKRABORTY

No of Pages : 18
No of Claims : 5

(57) Abstract :
The present invention relates to a process for the recovery of chromium from chromite ore at low temperatures. The process of reduction can be affected using a furnace. This invention will be useful for reducing chromite ore at temperature significantly lower than that conventionally used for reducing the ore.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8008/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "CETP INHIBITORS"

(51) International classification :C07D 263/20
(31) Priority Document No :60/585,274
(32) Priority Date :02/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023775
Filing Date :01/07/2005
(87) International Publication No :WO 2006/014413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)QURAISHI, NAZIA
9)SMITH, CAMERON, J
10)HUNT, JULIANNE,A
11)DOWST, ADRIAN, A
12)CHEN, YI-HENG
13)LI, HONG

No of Pages : 285
No of Claims : 21

(57) Abstract :
Compounds having the structures of Formula I, including pharmaceutically acceptable salts of the compounds, are CETP inhibitors, and are useful for raising HDL-cholesterol, reducing LDL-cholesterol, and for treating or preventing atherosclerosis: In the compounds of Formula (I), B or R2 is a phenyl group which has an ortho aryl, heterocyclic, benzoheterocyclic or benzocycloalkyl substituent, and one other position on the 5-membered ring has an aromatic, heterocyclic, cycloalkyl, benzoheterocyclic or benzocycloalkyl substituent connected directly to the ring or attached to the ring through a -CH2-.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8009/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYURETHANE COATINGS WITH IMPROVED INTERLAYER ADHESION"

(51) International classification :C09D 175/04
(31) Priority Document No :10/882,884
(32) Priority Date :30/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022399
Filing Date :23/06/2005
(87) International Publication No :WO 2006/025925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAWANT, SURESH, G
3)AKLIAN, JAK, H
4)TERAN, IVAN, J

No of Pages : 23
No of Claims : 39

(57) Abstract :
Compositons for refinishing aged surfaces, and methods of refinishing aged surfaces by applying compositions comprising at least one chlorinated polyolefin are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8010/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ANTIVIRAL COMPOUNDS"

(51) International classification :C07F 91/141
(31) Priority Document No :60/588,633
(32) Priority Date :16/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025503
Filing Date :18/07/2005
(87) International Publication No :WO 2006/020276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KIM, CHOUNG U
4)MCMURTRIE, DARREN
5)SHENG, XIAONING,C

No of Pages : 477
No of Claims : 49

(57) Abstract :
The invention is related to phosphorus substituted anti-viral inhibitory compounds, compositons containing such compounds, and therapeutic methods that include the administration of such compounds, as well as to processes and intermediates useful for preparing such compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8011/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD FOR CREATING ARTIFACT FREE THREE-DIMENSIONAL IMAGES CONVERTED FROM TWO-DIMENSIONAL IMAGES"

(51) International classification	:G06T 15/00
(31) Priority Document No	:10/882,524
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023283
Filing Date	:29/06/2005
(87) International Publication No	:WO 2006/004932
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BEST, CHARLES, J., L

No of Pages : 60
No of Claims : 55

(57) Abstract :
A method for converting two-dimensional images into three-dimensional images includes tracking an image reconstruction of hidden surface areas (304) to be consistent with image areas (306) adjacent to the hidden surface areas over a sequence of frames making up a three-dimensional motion picture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8012/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SINTERED POWDER CONFECTION"

(51) International classification :A23P 1/10
(31) Priority Document No :60/586,236
(32) Priority Date :09/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/007382
Filing Date :08/07/2005
(87) International Publication No :WO 2006/005525
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BUDWIG, CHRISTOPHER, E
3)FU, XIAOPING
4)PUSATERI, MARLO, A

No of Pages : 19
No of Claims : 10

(57) Abstract :
A sintered powdered confection comprising at least a sintered powder with a light texture characterised by a density of 0.1 - 0.6 g/ml, a closed porosity of 15 to 70%, an pocket porosity of 10-45%, a total porosity of 15-90%. and methods for making the same are provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8013/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ELECTRODE FOR MAGNETIC FLOW SENSOR"

(51) International classification :G01F 1/58
(31) Priority Document No :0414875.5
(32) Priority Date :02/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/007055
Filing Date :30/06/2005
(87) International Publication No :WO 2006/002921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 38
No of Claims : 21

(57) Abstract :
There is described a fluid flow sensor (10) for sensing a flow (F) of a fluid (120) through a region. The sensor (10) comprises a magnetic circuit (50, 60a, 60b) for applying a magnetic field (70) to the region, and electrodes (40a, 40b) for sensing a potential (V) generated in operation between the electrodes (40a, 40b) in response to the fluid (120) flowing through the magnetic field (70). Each electrode (40) includes a metal element (130; 300; 400; 500), a metal halide element (110; 310, 320; 410; 520), and an electrically conductive porous element (100; 330; 420; 530). The porous element (100; 330; 420; 530) hinders progressive loss of the metal halide element (110; 310, 320; 410; 520) to the flow (F) and provides an electrically conductive path between the flow (F) and the metal halide element (110; 310, 320; 410; 520) and thereby to the metal element (130; 300; 400; 500). Inclusion of the porous element (100; 330; 420; 530) provides the sensor (10) with increased operating longevity without compromising its measurement noise performance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8014/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR POLYUNSATURATED FATTY ACID PRODUCTION USING NOVEL CELL PRESERVATION TECHNIQUE

(51) International classification :C12N 1/04
(31) Priority Document No :2004-235551
(32) Priority Date :08/12/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/014960
Filing Date :10/08/2005
(87) International Publication No :WO 2006/016702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KENICHI HIGASHIYAMA

No of Pages : 37
No of Claims : 13

(57) Abstract :
A method for preservation of a microorganism capable of microbial production of a polyunsaturated fatty acid or a compound comprising a polyunsaturated fatty acid as a constituent fatty acid, which method comprises: (a) forming spores in a spore-forming medium at pH 4-7 containing a nutrient source comprising an inorganic salt and a saccharide; (b) suspending the spores obtained in (a) in sterilized water, or sterilized water containing a surfactant and/or an inorganic salt to prepare a spore suspension, and adding a cryoprotectant at 5-15% to prepare a cryopreserving spore suspension; and (c) preserving the cryopreserving spore suspension obtained in (b) at between -100Â°C and -20Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8015/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHOTOVOLTAIC MODULE WITH FULL UTILIZATION SURFACE AREA

(51) International classification :H01G 9/20
(31) Priority Document No :2004903198
(32) Priority Date :15/06/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000844
Filing Date :15/06/2005
(87) International Publication No :WO 2005/124802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PHANI, GEORGE
5)TULLOCH SYLVIA

No of Pages : 18
No of Claims : 20

(57) Abstract :
A photovoltaic module comprising: (i) Three or more substrates (1, 2, oncmgwu m c closed-spaced parallel relationship to one another, the substrates comprising: a centre substrate (2) having first and second faces; a first outer substrate (1) having an inner anc outer face, wherein the inner face and the first face of said centre substrate are juxtaposed: and a second outer substrate (3) having an inner and outer face, wherein said inner face anc the second face of said center substrate are juxtaposed, (ii) Front photovoltaic devices (A B, C) are formed between said first outer substrate (1) and the first face of said centre substrate (2), (iii) connecting and/or dividing means (11) are placed between at least one pair of the front devices, and (iv) Rear photovoltaic devices (D, E) are formed betweer said second outer substrate (3) and the second face of said centre substrate (2) Characterised by: (v) said front and rear photovoltaic devices are offset in such a way that connecting and dividing means (11) of the front devices (A, B, C) oppose the active photovoltaic regions of the rear devices (D, E).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8016/DELNP/2006 A
(43) Publication Date : 27/04/2007

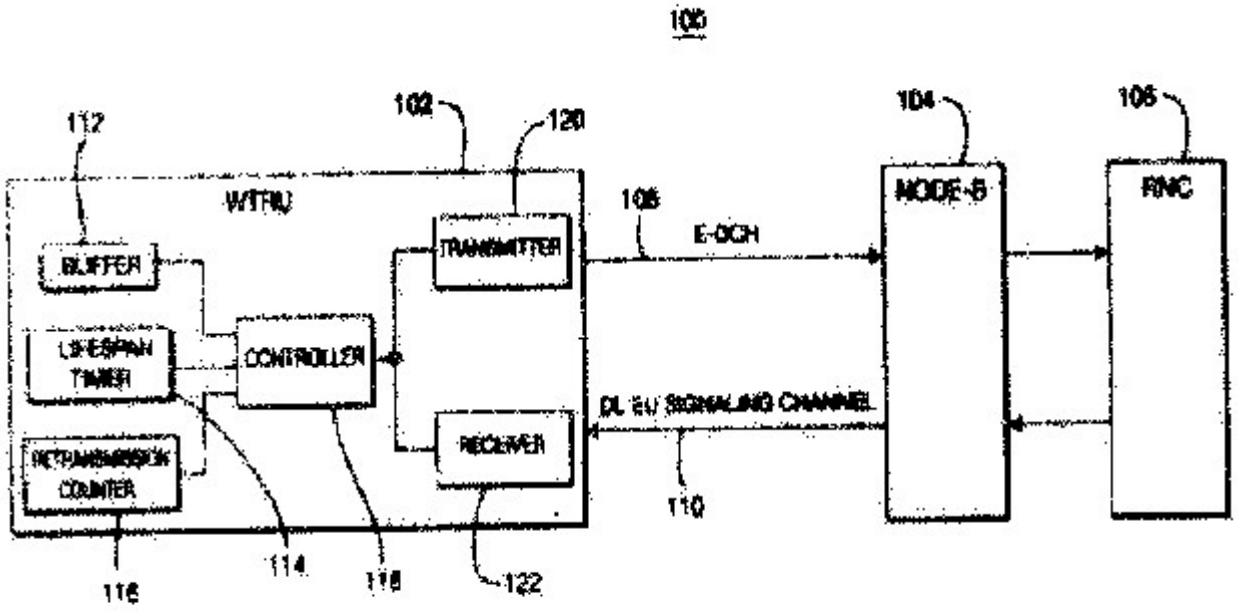
(54) Title of the invention : METHOD AND APPARATUS FOR DYNAMICALLY ADJUSTING DATA TRANSMISSION PARAMETERS AND CONTROLLING H-ARQ PROCESSES

(51) International classification :H04B 7/212
(31) Priority Document No :60/578,728
(32) Priority Date :10/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019651
Filing Date :03/06/2005
(87) International Publication No :WO 2005/125109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 57

(57) Abstract :
In a wireless communication system including a wireless transmit/receive unit (WTRU) (102) which transfers data to a Node-B (104), data transmission parameters such as modulation and coding scheme (MCS) and transport block set (TBS) size are dynamically adjusted on a transmission time interval (TTI) basis, and hybrid-automatic repeat request (H-ARQ) processes used to control the transfer of data between the WTRU (102) and the Node-B (104) are initiated and released as required. The WTRU (102) transmits and retransmits data to the Node-B (104) through an enhanced uplink (EU) dedicated channel (E-DCH) (108) in accordance with data feedback information received from the Node-B (104). The WTRU (102) queues data for transmission, and determines a data transmission. Status, and which is set to one of "new transmission," "successful transmission", "retransmission" and "restarted transmission". For each TTI, the WTRU (102) initiates an EU transmission to the Node-B (104), which identifies the assigned H-ARQ process, TBS size and MCS.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8017/DELNP/2006 A
(43) Publication Date : 27/04/2007

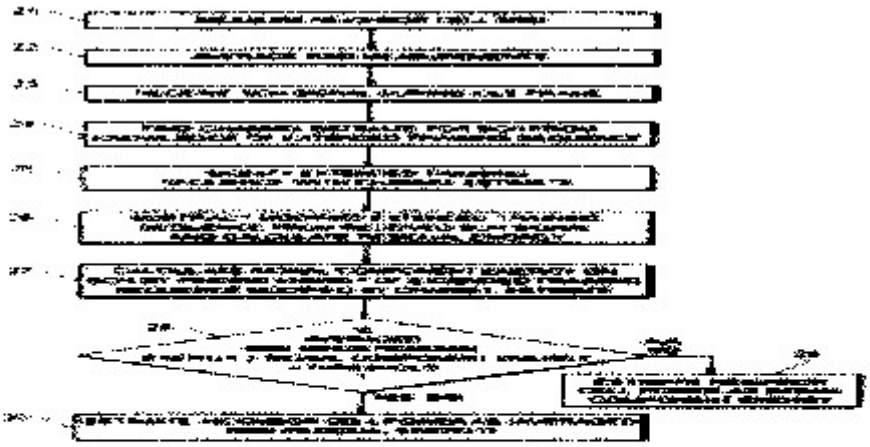
(54) Title of the invention : SIGNAL STRENGTH MEASUREMENT IN CELLULAR TELECOMMUNICATION SYSTEMS

(51) International classification :H04Q 7/20
(31) Priority Document No :10/861,987
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2005/000699
Filing Date :16/05/2005
(87) International Publication No :WO 2005/120093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAMESH, RAJARAM

No of Pages : 22
No of Claims : 22

(57) Abstract :
A mobile station, MS, and method for estimating received signal strength of a radio signal from a neighboring cell in a cellular radio telecommunication network. The MS measures (11) the received signal strength of the radio signal over a plurality of frames, and calculates (12) an average received signal strength. During an idle frame, the MS receives (13) a synchronization channel, SCH, signal, and determines (14) a channel estimate for the SCH using a known extended training sequence. The extended training sequence is then modified (15) with the channel estimate, and the modified extended training sequence is subtracted (16) from the received SCH signal to obtain a residual signal. The MS calculates (16) a residual energy of the residual signal, and subtracts (17) the residual energy from the average received signal strength of the radio signal to obtain an estimated received signal strength of the radio signal from the neighboring cell.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8018/DELNP/2006 A
(43) Publication Date : 27/04/2007

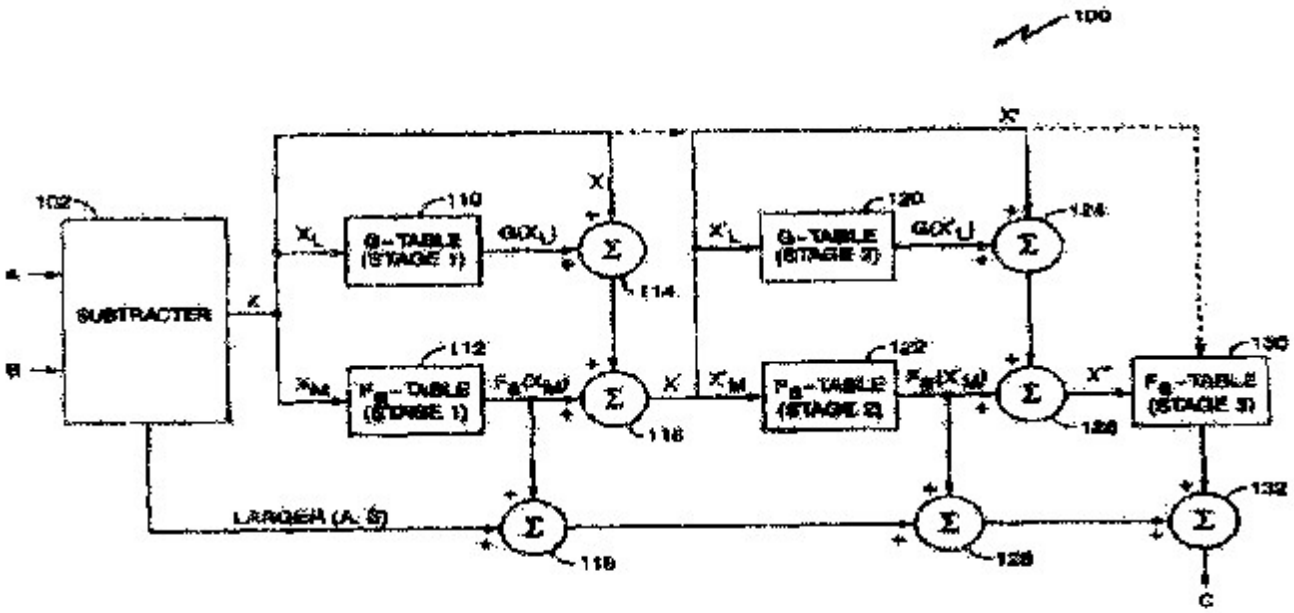
(54) Title of the invention : PIPELINED REAL OR COMPLEX ALU

(51) International classification :G06F 7/483
(31) Priority Document No :60/577,386
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/005911
Filing Date :02/06/2005
(87) International Publication No :WO 2006/119427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DENT, PAUL WILKINSON

No of Pages : 50
No of Claims : 55

(57) Abstract :
A method and ALU for implementing logarithmic arithmetic in a multi-stage pipeline is described herein. According to one embodiment, a master function is decomposed into two or more sub-functions. Memory associated with the pipeline stores a look-up table for each stage of the pipeline, where each table represents function values generated based on the corresponding sub-function, and where the look-up table associated with one stage differs from the look-up table(s) associated with at least one other stage. Each stage computes a stage output based on the stage input and the corresponding look-up table. By combining the stage outputs, the multi-stage pipeline outputs the logarithmic arithmetic output.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8019/DELNP/2006 A
(43) Publication Date : 27/04/2007

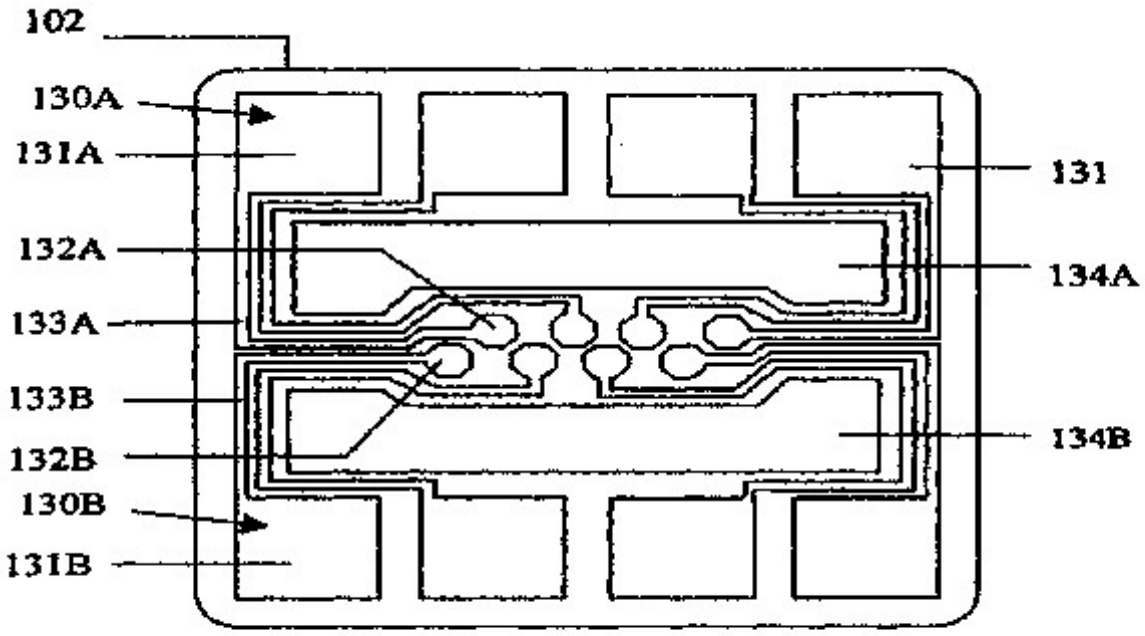
(54) Title of the invention : DIAGNOSTIC DEVICES INCORPORATING FLUIDICS AND METHODS OF MANUFACTURE

(51) International classification :G01N 1/10
(31) Priority Document No :10/856,782
(32) Priority Date :01/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000843
Filing Date :01/06/2005
(87) International Publication No :WO 2005/119200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LAUKS,IMANTS
2)MACZUSZENKO, ANDRZEJ

No of Pages : 35
No of Claims : 38

(57) Abstract :
The present invention relates to diagnostic devices incorporating electrode modules and fluidics for performing chemical analyses. The invented devices consist of a sensor array formed on an electrode module, the sensor array being contained within a fluidic housing. The electrode module is a laminate of a perforated epoxy foil and a photo-formed metal foil with sensor membranes deposited into the perforations. The fluidic housing is an element consisting of a plastic card-like body with fluidic conduits and a sealed fluid reservoir contained in a foil-lined cavity.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8020/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CATIONIC PYRAZOLONE DYES METHOD FOR PRODUCTION THEREOF AND COLOURING AGENTS FOR KERATIN FIBRES CONTAINING SAID COMPOUNDS

(51) International classification :A61K 8/49
(31) Priority Document No :10 2004 036 609.8
(32) Priority Date :28/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/005399
Filing Date :18/05/2005
(87) International Publication No :WO 2006/012934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BRAUN, HANS-JURGEN

No of Pages : 28
No of Claims : 8

(57) Abstract :
Cationic Pyrazolone Dyes Method For Production Thereof And Coloring Agents For Keratin Fibers Containing Said Compounds Abstract of the Invention
The present application relates to cationic provolone dyes of the general formula (I), and to coloring agents for keratin fibers comprising these dyes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8021/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTICOMPONENT KIT AND METHOD FOR DYEING KERATIN FIBRES

(51) International classification :A61K 7/13
(31) Priority Document No :102004037105.9
(32) Priority Date :30/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/005400
Filing Date :18/05/2005
(87) International Publication No :WO 2006/012935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SCHMENGER, JURGEN
2)BRAUN, PETRA

No of Pages : 42
No of Claims : 10

(57) Abstract :
The present application relates to a multicomponent kit for dyeing keratin fibers which consists of (i) a dye carrier' mass (A) which is free from dyes and dye precursors; (ii) a granular composition (B) which comprises at least one oxidation dye precursor and/or at least one direct dye and optionally at least one keratin-lightening or bleaching substance; and optionally (iii) a suitable oxidizing' agent (C); to a method for dyeing keratin fibers and to the use of a combination of a dye-free dye carrier mass (A) and a granular dye-containing and optionally bleaehing-agent-eontaining composition (B) and optionally an oxidizing agent (C) for the individual preparation of colorants for keratin fibers directly prior to dyeing or bleaching the keratin fibers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8022/DELNP/2006 A
(43) Publication Date : 27/04/2007

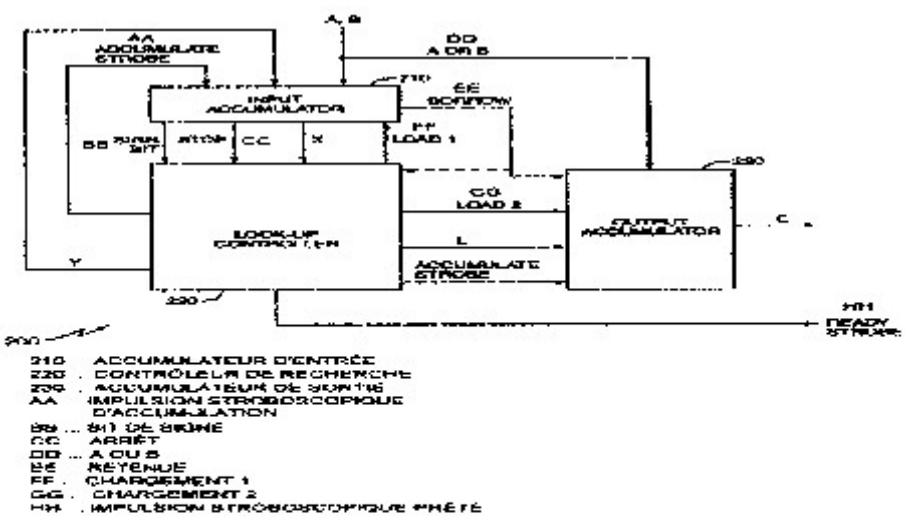
(54) Title of the invention : COMPLEX LOGARITHMIC ALU

(51) International classification :G06F 7/48
(31) Priority Document No :60/577,386
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/005912
Filing Date :02/06/2005
(87) International Publication No :WO 2005/119426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 51
No of Claims : 47

(57) Abstract :
The present invention describes a method and apparatus for performing logarithmic arithmetic with real and/or complex numbers represented in a logarithmic format. In on exemplary embodiment, an arithmetic logic unit (ALU) implements logarithmic arithmetic on complex numbers represented in a logpolar format. According to this embodiment, memory in the ALU stores a look-up table used to determine logarithms of complex numbers, while a processor in the ALU generates an output logarithm based on complex input operands represented in logpolar format using the stored look-up table. In another exemplary embodiment, the ALU performs logarithmic arithmetic on real and complex numbers represented in logarithmic format. In this embodiment, the memory stores two look-up tables, one for determining logarithms of real numbers and one for determining logarithms of complex numbers, while the processor generates an output logarithm based on real or complex input operands represented in logarithmic format using the real or complex look-up tables, respectively.



ORIGINAL

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8023/DELNP/2006 A
(43) Publication Date : 27/04/2007

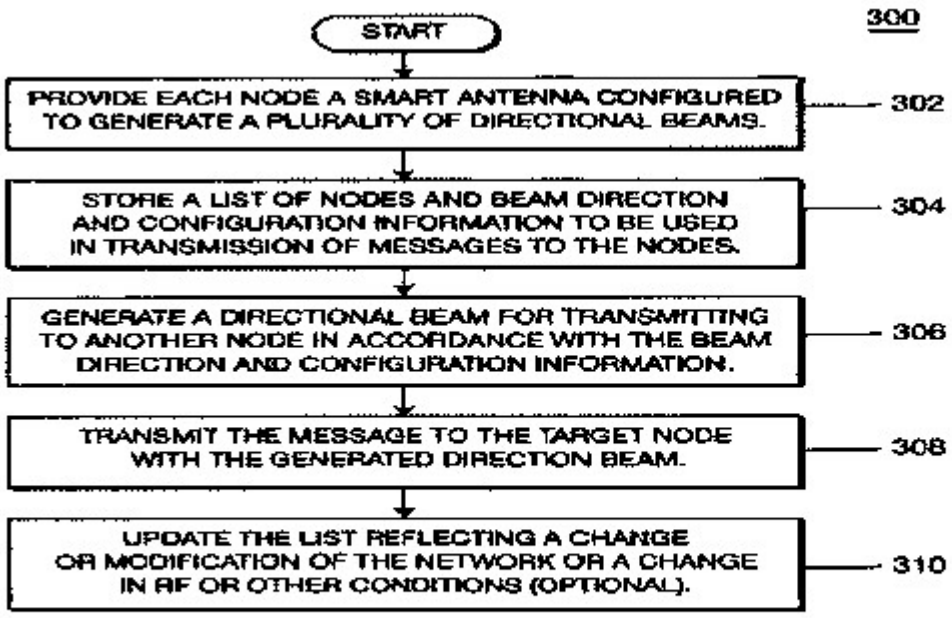
(54) Title of the invention : METHOD AND SYSTEM FOR UTILIZING SMART ANTENNAS IN ESTABLISHING A BACKHAUL NETWORK

(51) International classification	:H04B 1/00
(31) Priority Document No	:60/578,677
(32) Priority Date	:10/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019976
Filing Date	:07/06/2005
(87) International Publication No	:WO 2005/125021
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OZLUTURK, FAITH

No of Pages : 17
No of Claims : 15

(57) Abstract :
A method and system for utilizing smart antenna in transmission of messages between nodes (102a-102n) are disclosed. A wireless communication system includes a plurality of nodes (102a-102n), and each node is capable of being connected to each other node. At least a portion of the nodes are provided with a smart antenna (204) configured to generate a plurality of directional beams (109a-109h). Each node maintains a list of other nodes and beam configuration information to be used in transmission of messages to other nodes. When a source node is required to transmit to a target node, the source node retrieves the beam configuration information and transmits with a directional beam (109) directed to the target node.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8024/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR FORMING OR CURING POLYMER COMPOSITES

(51) International classification :B29C 35/04
(31) Priority Document No :2004903096
(32) Priority Date :09/06/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000829
Filing Date :09/06/2005
(87) International Publication No :WO 2005/120794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HAYWOOD, MICHAEL, ALEX

No of Pages : 25
No of Claims : 19

(57) Abstract :
In accordance with the present invention, there is provided a method for the forming or curing of polymer composites, the method including the step of forming or curing the polymer composite in the presence of water vapour at about atmospheric pressure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8025/DELNP/2006 A
(43) Publication Date : 27/04/2007

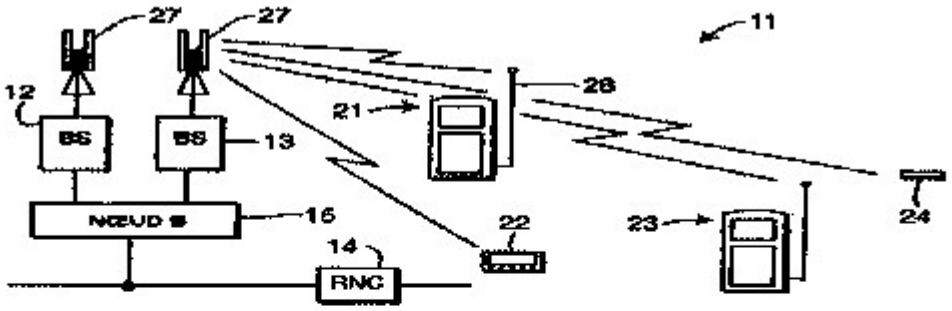
(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING MESSAGE INSTANCES

(51) International classification	:H04Q 7/20
(31) Priority Document No	:60/378,718
(32) Priority Date	:06/05/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/13876
Filing Date	:02/05/2003
(87) International Publication No	:WO 03/096717
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3441/DELNP/2004
Filed on	:04/11/2004

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1)TERRY, STEPHEN, E
2)GOLDBERG, STEVEN, JEFFREY

No of Pages : 17
No of Claims : 11

(57) Abstract :
A method and system for transmitting data with reduced message instances is disclosed. A wireless message network (11) uses destination identifiers and message pointers to direct message data to multiple mobile units (21-24) and avoid duplication of messages. In order to provide increased efficiency in the case of duplicate messages, a pointer to a message may be associated with multiple destination identifiers.



ORIGINAL

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8026/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEM AND DEVICE FOR PREPARING AND DELIVERING FOOD PRODUCTS FROM A MIXTURE MADE UP OF A FOOD LIQUID AND A DILUENT"

(51) International classification :B67D 1/00
(31) Priority Document No :04016210.9
(32) Priority Date :09/07/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/006305
Filing Date :13/06/2005
(87) International Publication No :WO 2006/005401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOCK, ELMAR
3)RUSCH, CHRISTOPH
4)BITMEAD, NAOMI

No of Pages : 48
No of Claims : 31

(57) Abstract :
The invention relates to a system (1) for hygienically reconstituting and delivering food preparations, such as drinks, comprising a metering and mixing device (3) connected to a container (4) containing a base liquid, in the form of a package (2) configured to be connected to a base station (5). The metering and mixing device comprises a pump for metering the liquid, a diluent intake and a mixing chamber. Coupling means (51) are provided for providing the diluent supply and the means for driving the liquid pump.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8028/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ORGANIC COMPOUNDS"

(51) International classification :A61K 31/415
(31) Priority Document No :0417910.7
(32) Priority Date :11/08/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/008696
Filing Date :10/08/2005
(87) International Publication No :WO 2006/015860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEBLANC CATHERINE
3)MCCARTHY CLIVE
4)PRESS NEIL JOHN

No of Pages : 31
No of Claims : 11

(57) Abstract :
Compounds of formula (I) in free or salt form, wherein R1, R2, R3 and R4 have the meanings as indicated in the specification, are useful for treating a condition mediated by activation of the adenosine Alb receptor or the adenosine A3 receptor, particularly an inflammatory or obstructive airways disease. Pharmaceutical compositions that contain the compounds and processes for preparing the compounds are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8029/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMPOUND FORMULATIONS OF 2-AMINO-1,3-PROPANEDIOL COMPOUNDS"

(51) International classification :A61K 31/133
(31) Priority Document No :60/592,991
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/008267
Filing Date :29/07/2005
(87) International Publication No :WO 2006/010630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DANNENFELSER ROSE-MARIE
3)LI PING

No of Pages : 28
No of Claims : 42

(57) Abstract :
Abstract: Pharmaceutical concentrate formulations comprising 2-amino-1.3-propanediol compounds, analogs thereof and salts thereof, particularly 2-amino-2-[2-(4-octylpheny!)ethy!]-propane-l ,3-diol or a phannaceutically acceptable salt thel9bQnpppr|fcnlfl solvent or semi-aqueous solvent and methods for administration of the undiluted and diluted concentrate are provides.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8030/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "FORMATION OF METAL-INSULATOR-METAL CAPACITOR SIMULTANEOUSLY WITH ALUMINIUM METAL WIRING LEVEL USING A HARDMASK"

(51) International classification :H0IL 21/8242
(31) Priority Document No :10/709,907
(32) Priority Date :04/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/018521
Filing Date :26/05/2005
(87) International Publication No :WO 2005/122245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)FEILCHENFELD NATALIE
4)GAUTSCH MICHAEL L
5)HE ZHONG-XIANG
6)MOON MATTHEW D
7)RAMACHANDRAN, VIDHYA
8)WATERHOUSE BARBARA

No of Pages : 20
No of Claims : 16

(57) Abstract :
Disclosed is a method of fabricating a metal-insulator-metal (MIM) capacitor. In this method, a dielectric layer (102,106) is formed above a lower conductor layer (100) and an upper conductor layer (104, 108) is formed above the dielectric layer. The invention then forms an etch stop layer (200) above the upper conductor layer and the dielectric layer, and forms a hardmask (202) (silicon oxide hardmask, a silicon nitride hardmask, etc.) over the etch stop layer. Next, a photoresist (300) is patterned above the hardmask, which allows the hardmask, the etch stop layer, the dielectric layer, and the lower conductor layer to be etched through the photoresist.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.8031/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR PREPARATION OF FUNCTIONALIZED POLYIMIDES"

(51) International classification :C08G 73/10
(31) Priority Document No :10/886,200
(32) Priority Date :07/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023875
Filing Date :05/07/2005
(87) International Publication No :WO 2006/014448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SMITH TARA J

No of Pages : 25
No of Claims : 25

(57) Abstract :
A method for preparation of a sulfonic and or sulfonic acid salt containing polyimide resins comprising melt reaction of a polyimide resin with an organic compound, wherein the organic compound contains at least one aliphatic primary amine functionality and at least one other functionality selected from the group consisting of sulfonic acids, sulfonic acid salts or mixtures thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8032/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HORIZONTAL PERSPECTIVE SIMULATOR"

(51) International classification	:E21B 12/02
(31) Priority Document No	:60/576,187
(32) Priority Date	:01/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019069
Filing Date	:31/05/2005
(87) International Publication No	:WO 2005/118998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NANCY CLEMENS

No of Pages : 107
No of Claims : 23

(57) Abstract :
The present invention hands-on simulator system discloses a three dimension display system comprising a three dimensional horizontal perspective display and a 3-D audio system such as binaural simulation to lend realism to the three dimensional display. The three dimensional display system can father comprise a second display, together with a curvilinear blending display section to merge the various images. The multi-plane display surface can accommodate the viewer by adjusting the various images and.3-D sound according to the viewer"s eyepoint and earpoint locations. The present invention hands-on simulator system can project horizontal perspective images into the open space and a peripheral device that allow the end user to manipulate the images with hands or hand-held tools.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.8033/DELNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HORIZONTAL PERSPECTIVE DISPLAY"

(51) International classification :G03H 1/00
(31) Priority Document No :60/576,187
(32) Priority Date :01/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019068
Filing Date :31/05/2005
(87) International Publication No :WO 2005/119376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 46
No of Claims : 14

(57) Abstract :
The present invention display system discloses a three dimension display system comprising a three dimensional horizontal perspective display and a 3-D audio system such as binaural simulation to lend realism to the three dimensional display. The three dimensional display system can further comprise a second display, together with a curvilinear blending display section to merge the various images. The multi-plane display surface can accommodate the viewer by adjusting the various images and 3-D sound according to the viewer's eyepoint and earpoint locations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2005
(21) Application No.820/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN AQUEOUS BASED HEAVY-DUTY LIQUID DETERGENT COMPOSITION "

(51) International classification :C11D 1/22
(31) Priority Document No :60/116516
(32) Priority Date :20/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/29947
Filing Date :15/12/1999
(87) International Publication No :WO 00/43478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00589/DEL
Filed on :04/07/2001

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6)WATSON, RANDALL ALAN
7)GARCIA, RAQUEL LOPEZ

No of Pages : 88
No of Claims : 21

(57) Abstract :
The present invention relates to aqueous based heavy-duty liquid detergent compositions containing a modified alkylbenzene sulfonate surfactant (MABS), as co-surfactant (alkyl polyhydroxy fatty acid amide and/or alkyl amidopropyl dimethyl amine) and an aqueous liquid carrier. The MABS comprises a mixture of specific branched and non-branched alkylbenzene sulfonate compounds, which are further characterised by a 2/3-phenyl index of 160-275.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005

(21) Application No.824/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :,
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/99
Filed on :21/04/1999

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15)PHILLIP S. MOORE
16)STEVEN C. SWINGLER
17)ROBERT E. USNER`
18)GLENDA GRISWOLD
19)OMAR EL- KALSSI
20)JAMES CHURCH

No of Pages : 96
No of Claims : 13

(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20,22, 24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005

(21) Application No.828/DEL/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/99
Filed on :21/04/1999

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11)BRUCE G. RICHARDS
12)ROBERT J. LEMLEY
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No of Pages : 97
No of Claims : 16

(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20,22, 24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2003
(21) Application No.832/DELNP/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ELECTROLYTE CREEPAGE BARRIER FOR LIQUID ELECTROLYTE FUEL CELLS"

(51) International classification :H01B
(31) Priority Document No :09/736,558
(32) Priority Date :13/12/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/47890
Filing Date :11/12/2001
(87) International Publication No :WO 02/059906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOHAMMAD FAROOQUE

No of Pages : 7
No of Claims : 19

(57) Abstract :
A dielectric member for electrically insultaing a manifold or other component from a liquid electrolyte fuel cell stack wherein the dielectric member is adapted to include a barrier which chemically reacts with the liquid electrolyte to form solid products which are stable in the liquid electrolyte.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2003

(21) Application No.835/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "ENERGY ABSORBING DEVICE WITH TORSO DISPLACEMENT LIMITER"

(51) International classification :F16F 7/00
(31) Priority Document No :PI0205059-5
(32) Priority Date :13/11/2002
(33) Name of priority country :Brazil
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHRISTOS ARGYRIOS MITROPOULOS

No of Pages : 8
No of Claims : 10

(57) Abstract :
ENERGY ABSORBING DEVICE WITH TORSO DISPLACEMENT LtMITER is"2" device (1) to be applied to any model of seatbelt (C), consisted of laminated plate (2) provided with convenient number of folds (3) arranged parallel among themselves and transversally in relation to the longitudinal axle of plate and/or of additional element (4) provided with convenient number of turns (5). These folds and turns, when submitted to a certain traction strength, resulting from strojig--C^llision..or.-siidjderi-jderÂ£ljeralion--of--the-vehicle, are gradually unfolded and/or unrolled, causing a gradual increase in the length of referred plate (2) and of referred element (4), respectively. The seatbelt additional displacement, necessary and required to attend and gradually absorb the sudden deceleration of vehicle is provided by the own retractor body (R) of seathelt. mare specifically by the energy absorbing device (1) installed therein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2001
(21) Application No.854/DEL/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMINE OXIDES

(51) International classification	:C07C 291/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)KONDAPURAM VIJAYA RAGHAVAN

No of Pages : 24
No of Claims : 9

(57) Abstract :
The present invention relates to an improved process for the preparation of high quality amine oxides from secondary and tertiary aliphatic amines. More particularly, the present invention relates to an improved process for the preparation of amine oxides from secondary and tertiary aliphatic amines useful in the preparation of hair conditioners and shampoos, toothpaste, laundry detergent powder, fabric softeners, toilet soap bars and cosmetics, surfactants as well as in other applications as synthetic intermediates and excellent spin trapping reagents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2004

(21) Application No.858/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HERBAL COMPOSITION FOR THE TREATMENT OFVIRAL HEPATITISANDDURG INDUCED JAUNDICE AND METHOD FOR THE PREPARATION THEREOF"

(51) International classification :A61K 35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1193/DEL/2002
Filed on :27/11/2002

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No of Pages : 13
No of Claims : 5

(57) Abstract :
Invention relates to the anti-viral compositions. In particular, the present invention relates compositions for use in the treatment of viral hepatitis and drug induced jaundice. More particularly, the present invention relates to herbal based compositions for the treatment of viral hepatitis and drug induced jaundice

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2005
(21) Application No.858/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROXIMITY DETECTOR COMPRISING CAPACITIVE SENSOR"

(51) International classification :G01B 7/02
(31) Priority Document No :02 11089
(32) Priority Date :06/09/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR2003/002654
Filing Date :05/09/2003
(87) International Publication No :WO 2004/023067
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROZIERE DIDIER

No of Pages : 20
No of Claims : 30

(57) Abstract :
The invention relates to a proximity detector employing a capacitive sensor, consisting of at least one detection antenna comprising numerous capacitive proximity sensors which each include a measuring electrode, said antenna being positioned close to an object or body; electronic means of exciting the electrodes and processing the distance measurement signals originating from the capacitive sensors; and digital means of controlling the aforementioned electronic means and of calculating the distances between the electrodes and the body or object using the processed measurement signals. The detection antenna also contains a single guard for all of the measuring electrodes. Moreover, the electronic means comprise, for each detection antenna, a floating or floating excitation capacitive bridge which co-operates with polling means in order sequentially to measure the respective capacitances between each electrode and the object or body to be measured.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2004
(21) Application No.861/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A VACCINE FOR THE DEVELOPMENT OF IMMUNOLOGICAL MEMORY FROM A SINGLE DOSE "

(51) International classification :A61K 39/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :754/DEL/2002
Filed on :17/07/2002

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No of Pages : 24
No of Claims : 4

(57) Abstract :
The present invention relates to the development of immunological memory following single point immunization with polymer-entrapped antigens. High secondary antibody response was observed upon re-exposure to the same antigen in soluble form after 6-10 months of primary immunization with polymer-entrapped antigen. Such immunization protocol can be used to develop immunological memory using single dose of polymer entrapped antigens.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2004
(21) Application No.865/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STRONTIUM COMPOUND FOR TREATMENT OF SUB-DERMAL SOFT TISSUE PAIN

(51) International classification :A61K
(31) Priority Document No :2001-4746
(32) Priority Date :28/09/2001
(33) Name of priority country :Norway
(86) International Application No :PCT/GB02/04418
Filing Date :27/09/2002
(87) International Publication No :WO 03/028742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)KLAVENESS, JO

No of Pages : 27
No of Claims : 17

(57) Abstract :
The invention provides a method of treatment of a human or nor-human subject to combat sub-dermal soft tissue pain therein, said method comprising administering to a said subject in need thereof an effective amount of a physiologically tolerable strontium compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2005
(21) Application No.874/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TERMINAL FOR GUIDEWAY TRANSIT SYSTEM

(51) International classification :E04H 6/00
(31) Priority Document No :10-2002-0057651
(32) Priority Date :23/09/2002
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2003/001923
Filing Date :22/09/2003
(87) International Publication No :WO 2004/027183
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 6

(57) Abstract :
Disclosed is a terminal for the guideway transit, which includes: an entry section at which a plurality of pilot lines of the guideway is divided into several branches; an entering/alighting section for allowing passengers to enter/alight into/from a vehicle after the vehicle moves to the entering/alighting section along the pilot lines and stops at the entering/alighting section; a U-turn section for allowing the vehicle that has finished alighting from the vehicle at the entering/alighting section to perform U-turn; and a parking section connected at one side to the U-turn section and having an external entry formed at the other side. According to the present invention, the dual-mode vehicle that possibly operates on both the general road and the guideway can enter the guideway through the external entry of the terminal, and most of the vehicles for use in the high-frequency service in a high carry capacity, can be parked at the parking lot in the outside through the external entry, thereby greatly reducing the size of the terminal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.88/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYAMINOAMIDE-MONOEPOXY ADDUCTS"

(51) International classification :C08G 59/18
(31) Priority Document No :10 2004 029 923.4
(32) Priority Date :21/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP/2005/052856
Filing Date :20/06/2005
(87) International Publication No :WO 2005/123801
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 12

(57) Abstract :
Curing agents for epoxy resins, consisting of A) a polyaminoamide adduct obtainable by reacting al) a polyaminoamide containing imidazoline groups and prepared from al-1) a polyethylenepolyamine having 3 or more nitrogen atoms in the molecule, and al-2) a monofunctional fatty acid, with a2) a monofunctional, aromatic epoxide compound, and also curable compositions further comprising an epoxide compound, and the use of these curable compositions for producing mouldings and sheetlike structures, and also for applications in the adhesives and sealants sectors and for epoxy resin mortars, matrix resins, tooling resin or as coating materials, particular for wet concrete.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2005
(21) Application No.888/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "IMAGE INFORMATION ENCODING APPARATUS AND IMAGE INFORMATION ENCODING METHOD, AND IMAGE INFORMATION DECODIG APPARATUS AND IMAGE INFORMATION DECODING METHOD"

(51) International classification :H04N 11/04
(31) Priority Document No :P2003-277128
(32) Priority Date :18/07/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/010317
Filing Date :20/07/2004
(87) International Publication No :WO 2005/009050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AKIRA SUGIYAMA
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No of Pages : 80
No of Claims : 25

(57) Abstract :
The present invention is directed to perform intra-image encoding on the basis of resolution of color components and color space of an input image signal. [Means for Solution] In the image information encoding apparatus (10), an intra prediction unit (23) serves to adaptively change block size in generating a prediction image on the basis of a chroma format signal indicating whether resolution of color components is that of any one of 4:2:0 format, 4:2:2 format and 4:4:4 format, etc., and a color space signal indicating whether color space is any one of YCbCr, RGB and XYZ, etc. In addition, an orthogonal transform unit (14) and a quantization unit (15) serve to also change orthogonal transform technique and quantization technique in accordance with the chroma format signal and the color space signal. A reversible encoding unit (16) encodes the chroma format signal and the color space signal to include the encoded signals thus obtained into image compressed information. [Selected Drawing] Fig. 1

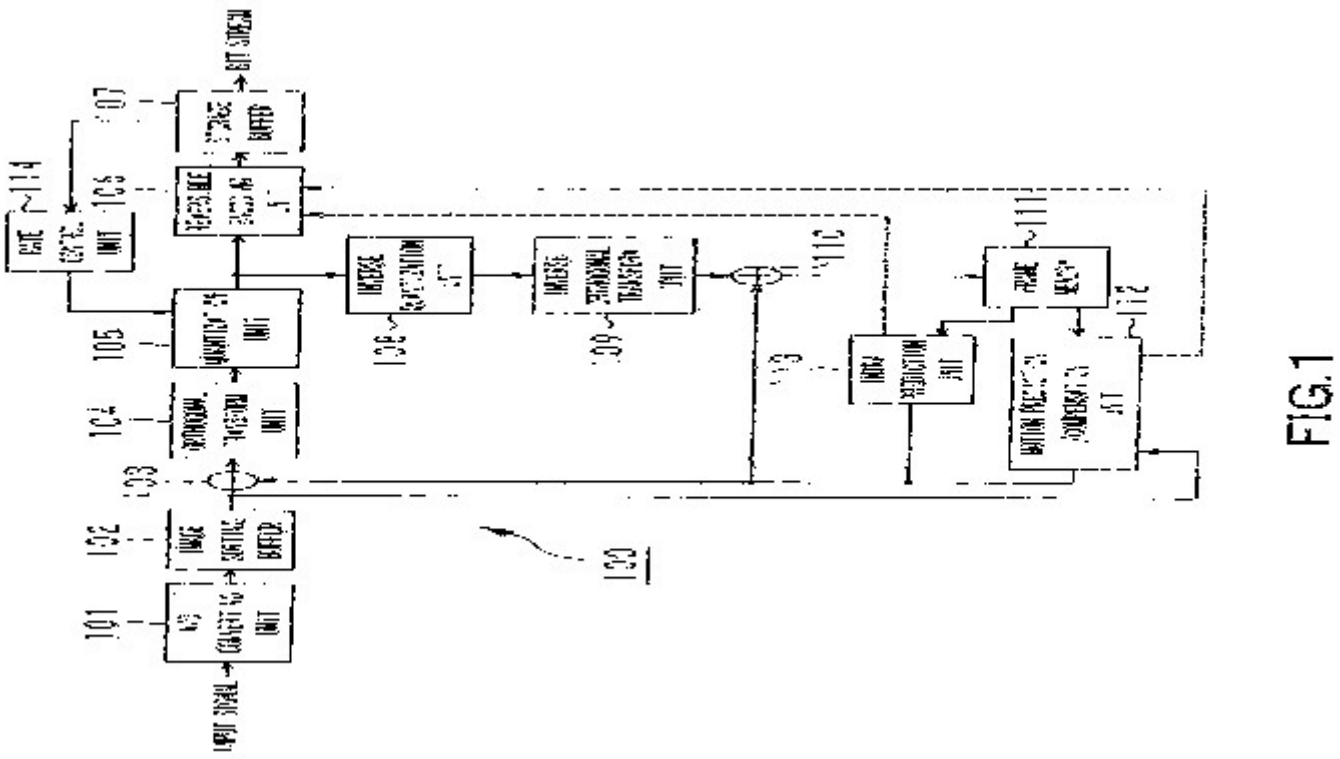


FIG.1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.89/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MULTI-LAYER POLYELECTROLYTE MEMBRANE"

(51) International classification :H01M 8/10
(31) Priority Document No :10/891,464
(32) Priority Date :14/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022245
Filing Date :22/06/2005
(87) International Publication No :WO 2006/019508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HOLGER E. AMORT
5)SCOTT R. GABOURY
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No of Pages : 67
No of Claims : 62

(57) Abstract :
Multi-layer polyelectrolyte membranes are described wherein at least one of the layers contains at least one acrylic resin or vinyl resin having at least one ionic or ionizable group, and at least one additional polymer. The polymer has small or large domain sizes with respect to the acrylic resin or vinyl resin that is present in one or more layers. The polymer preferably has improved conductivity when formed into a film. The membranes are usefiil in batteries, fuel cells, and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2005

(21) Application No.893/DELNP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYNTHETIC DIAMONDS PREPARED FROM ROSES"

(51) International classification :C01B 31/06
(31) Priority Document No :60/416,579
(32) Priority Date :08/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/031755
Filing Date :07/10/2003
(87) International Publication No :WO 2004/033766
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 15

(57) Abstract :
The present invention relates to a method of making a more permanent remembrance from a gift truiyncludes organic material, wherein the gift has ephemeral beauty and symbolizes the feelings of a gift-giver towards a recipient. This method includes transforming the ephemeral beauty of the gift to a more permanent or eternal manifestation that symbolizes the feelings of the gift-giver towards the recipient. This result is conveniently achieved by converting the organic material of the gift to a synthetic diamond. This synthetic diamond can be prepared by transforming the organic material of the gift to a carbon or carbon-containing compound; and then converting the carbon or carbon-containing compound into, the synthetic diamond.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.90/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MICROVALVE ASSEMBLIES AND RELATED METHODS."

(51) International classification :F15B 11/00
(31) Priority Document No :60/590,669
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026030
Filing Date :22/07/2005
(87) International Publication No :WO 2006/012510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)DONALD C. HARRIS
5)JEMES C. LASKI

No of Pages : 120
No of Claims : 133

(57) Abstract :
A valve chip may include a substrate having first and second faces and openings between the first and second faces, and a plurality of flexible valve flaps on one of the faces of the substrate with each flexible valve flap being associated with at least one of the openings. The valve chip may be packaged by forming a frame having an opening therein, and securing the valve chip in the opening of the frame. More particularly, the valve chip may be secured in the opening so that central portions of the first and second faces of the substrate are exposed through the opening in the frame and so that a fluid seal is provided between the frame and edges of the substrate. Related valves, valve assemblies, and methods are also discussed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.91/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHODS OF OPERATING MICROVALVE ASSEMBLIES AND RELATED STRUCTURES AND RELATED DEVICES"

(51) International classification :F16J 3/00
(31) Priority Document No :60/590,669
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/026029
Filing Date :22/07/2005
(87) International Publication No :WO 2006/012509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)SCOTT H. GOODWIN
6)DAVID E. DAUSCH
7)WAYNE D. DETTLOFF

No of Pages : 74
No of Claims : 68

(57) Abstract :
A valve assembly may include a main housing and first and second electro-statically actuated valves. The main housing may define at least three chambers, with a first chamber configured to be coupled to a high pressure supply port, a second chamber configured to be coupled to an output port, and a third chamber configured to be coupled to a low pressure exhaust port. The first electro-statically actuated valve may be provided between the first and second chambers, and the first electro-statically actuated valve may allow or substantially block fluid communication between the first chamber and the second chamber responsive to a first electrical signal. The second electro-statically actuated valve may be provided between the second and third chambers and the second electro-statically actuated valve may allow or substantially block fluid communication between the second chamber and the third chamber responsive to a second electrical signal. Related methods are also discussed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/1998
(21) Application No.9111/DEL/1998 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "2,4,4-TRISUBSTITUTED-1,3-DIOXOLANE ANTIFUNGALS"

(51) International classification :A61K 31/495
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 37
No of Claims : 18

(57) Abstract :
NA

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2002
(21) Application No.92/DEL/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SLIDING-TONGUE COMPOUND NEEDLE FOR A KNITTING MACHINE"

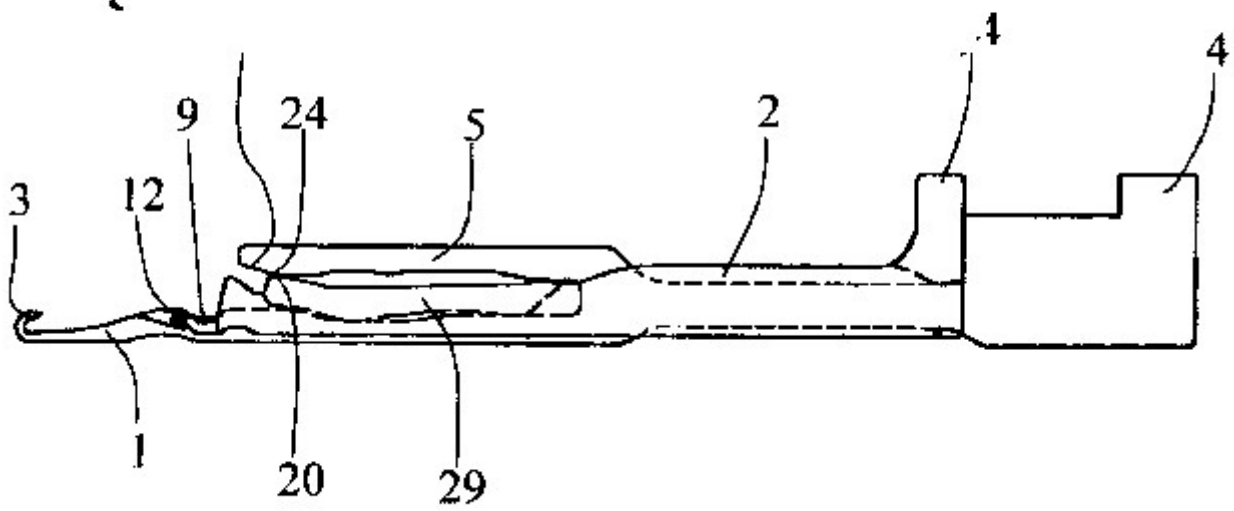
(51) International classification :
(31) Priority Document No :0102272
(32) Priority Date :20/02/2001
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PROST MICHEL

No of Pages : 12
No of Claims : 9

(57) Abstract :
Sliding-tongue compound needle comprising a needle (1) equipped with a hook (3) and with a sliding tongue (2) straddling the needle and equipped with an end (12) and with a shoulder (13), the bottom of the sliding tongue being longitudinally slotted in its distal region comprising the end (12) and the shoulder (13) so as to allow the end to be parted, the sliding tongue being movable relative to the needle to close and open the hook of the needle and to carry a stitch by its shoulder. This needle has means (6) for the vertical guidance of the sliding tongue (2) as it moves relative to the needle (1) so that the sliding tongue moves in a nonrectilinear path.

Fig



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.92/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "POLYPEPTIDE"

(51) International classification :A23L 1/09
(31) Priority Document No :60/608,919
(32) Priority Date :07/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2005/002675
Filing Date :07/07/2005
(87) International Publication No :WO 2006/003461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KARSTEN MATTHIAS KRAGH
7)WEI LIU
8)ANDREW SHAW
9)BO SPANGE SORENSEN
10)CHARLOTTE REFDAHL THOUDAHL

No of Pages : 116
No of Claims : 56

(57) Abstract :
We describe a PS4 variant polypeptide derivable from a parent polypeptide having non-maltogenic exoamylase activity, in which the PS4 variant polypeptide comprises an amino acid mutation at one or more positions selected from the group consisting of: 121, 161, 223, 146, 157, 158, 198, 229, 303, 306, 309, 316, 353, 26, 70, 145, 188, 272, 339, with reference to the position numbering of a Pseudomonas saccharophilia exoamylase sequence shown as SEQ ID NO: 1.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.93/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF 3- OXIMINO STEROIDS"

(51) International classification :C07J 41/00
(31) Priority Document No :60/600,780
(32) Priority Date :12/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/028769
Filing Date :12/08/2005
(87) International Publication No :WO 2006/020885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERTA FRETTA
3)NICOLA DIULGHEROFF

No of Pages : 19
No of Claims : 28

(57) Abstract :
The present invention provides a method of preparing norelgcslrontin or norgestimate by reacting the corresponding 3-oxosleroid precursor with hydroxylaminc HCl and a base to obtain a reaction mixture forming norelgestromin or norgestimate; monitoring the anti/syn ratio of the norelgestromin or norgestimate produced in the reaction mixture; adding a base w the reaction mixture In neutralize acidity in the reaction mixture when a desired anti/syn ratio is detected; and isolating. The norelgestromin or norgestimate. The present invention also provides a process allowing a control of the formation of" the anti isomer and syn isomer of norelgestromin or norgestimate by reacting the corresponding 3-oxosteroid precursor with hydroxylamine HC.l and a base to obtain a reaction mixture forming norelgestromin or norgestimate; regulating the acidity of the reaction mixture to adjust the anti/syn ratio of the norelgestromin or norgestimate produced in the reaction mixture; adding a base to the reaction mixture to neutralize acidity in the reaction mixture when a desired anti/syn ratio is detected; and isolating the norclgestromin or norgestimate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.94/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LINER FOR A FLOW METER"

(51) International classification :G01F 1/84
(31) Priority Document No :60/588,242
(32) Priority Date :15/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025007
Filing Date :14/07/2005
(87) International Publication No :WO 2006/019923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BLIEFNICK, BRUCE, A
3)MASLOWSKI, JAMES, P

No of Pages : 46
No of Claims : 55

(57) Abstract :
A flow meter assembly includes a flow meter including a tube through which a fluid flows. The flow meter is operable to measure the amount of fluid flowing through the tube. A liner is positioned within the tube and is removably coupled with the tube such that fluid flowing through the tube flows through the liner without contacting an inner surface of the tube.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2004
(21) Application No.948/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A process for preparing (-)-(2R,4S)-4-(3,5-bis-trifluoromethyl-benzylamino)-2-ethyl-6-trifluoromethyl-3,4-dihydro-2H-quinoline-1-carboxylic acid ethyl ester, 4-toluene-sulfonate.

(51) International classification :A61K 31/015
(31) Priority Document No :60/167,967
(32) Priority Date :30/11/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1051/DEL/2000
Filed on :24/11/2000

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Robert Wayne Dugger

No of Pages : 23
No of Claims : 8

(57) Abstract :
The present invention relates to a process for preparing (-)-(2R, 4S)-4-(3,5-bis-trifluoromethyl-benzylamino)-2-ethyl-6-trifluoromethyl-3, 4-dihydro-2H-quinoline-1-carboxylic acid ethyl ester, 4-toluene-sulfonate comprising. reacting 4-amino-2ethyl-6-trifluoromethyl-3,4-dihydro-2H-quinoline-1-carboxylic acid ethyl ester and (-) dibenzoyl-L-tartic acid or(-)di-p-toluoyl-L-tartaric acid to form the(-) dibenzoyl-L-tartaric acid salt or di-p-toluoyl-L-tartaric acid salt thereof. reacting the resulting salt, 1,2-dichloroethane and an aqueous base of the kind such as herein described with 3,5-bis(trifluoromethyl)benzaldehyde, followed by the addition of sodium triacetoxyborohydride;and adding 4-toluene sulfonic acid monohydrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.95/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LOGICAL AND PHYSICAL MESH NETWORK SEPARATION

(51) International classification :H04L 12/28
(31) Priority Document No :60/586,504
(32) Priority Date :09/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023210
Filing Date :29/06/2005
(87) International Publication No :WO 2006/017028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)RUDOLF, MARIAN

No of Pages : 18
No of Claims : 18

(57) Abstract :
A method for creating sub-networks in a wireless mesh network begins by determining whether a trigger condition for creating a sub-network exists. Nodes in the mesh network are selected to create the sub-network if the trigger condition exists. The sub-network is then created with the selected nodes. A node for use in a wireless mesh network includes a state device for maintaining a state of the node, the state of the node relating to activity occurring at the node; an attachment list communicating with the state device; a trigger device communicating with the state device; and an attachment device communicating with the attachment list and the trigger device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2004
(21) Application No.950/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PRAYAGRAJ BAMBOO TRICYCLE MODEL-1

(51) International classification	:B62K 5/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 2
No of Claims : 0

(57) Abstract :
Bamboo Tricycle is designed for handicapped persons. It has Backrest at standard angle of 6Â° in vertical plane. The seat of the Tricycle is also is at an angle of 3Â° in horizontal plane. Both backrest and seat are angled so that user can sit in a convenient posture. The car type circular Steering wheel is made of bamboo. The brake wire is attached in the steering wheel. The brake can be applied by pressing the steering in the front side. The user can steer as well as apply brake by one hand only The pneumatic tyres and tubes are used on the steel rims, in all the three wheels for smooth cushiony run on the roads.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007
(21) Application No.96/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR FAST DETERMINING OF CONNECTION PATHS IN MULTI-DOMAIN VIRTUAL PRIVATE NETWORKS

(51) International classification :H04L 12/46
(31) Priority Document No :PCT/SE2004/001065
(32) Priority Date :30/06/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/001004
Filing Date :23/06/2005
(87) International Publication No :WO 2006/004500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 37
No of Claims : 25

(57) Abstract :
An information request about a certain VPN is sent from a first domain (10E) to an adjacent domain (1OB-D). If the adjacent domain (1013-D) has information available about how to reach the VPN in question, such connection path information is returned to the requesting domain (10E). If the suitable connection path information is not available in the domain, the request is forwarded to further adjacent domains, whereby the information request is propagated through the communication network (1) in a cascaded manner. When the appropriate VPN or connection path information thereof is found, this information is returned to the originally requesting domain (10E), preferably along the same path as the request has been forwarded, but in opposite direction. The connection path is thereby achieved by a cascaded information pull mechanism. Preferably, the method and arrangements comprises means for prohibiting endless loops of information requests among the network domains (10A-E).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/1999

(21) Application No.960/DEL/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A RECOMBINANT POLYPEPTIDE"

(51) International classification :C12N 15/70
(31) Priority Document No :08/216,851
(32) Priority Date :22/03/1994
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :525/DEL/1995
Filed on :22/03/1995

(71)**Name of Applicant :**
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No of Pages : 44
No of Claims : 22

(57) Abstract :
This application is directed towards novel expression plasmids for expression of proteins under control of an E. coli osmB promoter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2003
(21) Application No.97/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN IMPROVED PROCESS FOR THE MANUFACTURE OF THERMALLY STABLE NON-METALLIC COATING FOR METALLIC SUBSTRATES AND A PROCESS OF COATING THEREOF

(51) International classification	:C09D 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 26
No of Claims : 9

(57) Abstract :
In the present invention there is provided an improved process for the manufacture of thermally stable, high temperature resistant, non-metallic, glass ceramic coating material suitable for metallic substrates and a process of application of the coating on such substrates as nickel and cobalt based super alloys and stainless steel. In this improved process the partially crystallized coating composition comprises of a mixture, based on its oxide content, of barium oxide, calcium oxide, magnesium oxide, silicon di-oxide, boron tri-oxide and molybdenum oxide. The coating materials are further processed with a mixture of washed chromium oxide, precipitated silica, cobalt oxide and china clay in water and applied to pre-cleaned metal surface and fired to provide a glass-ceramic coating on the metal. The coating is defect free, thermal shock resistant, highly adherent and suitable for continuous use at temperatures in the range of 1000Â°C to 1050Â°C in oxidizing environment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.97/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD OF IMPROVING REPLICA SERVER PERFORMANCE AND A REPLICA SERVER SYSTEM"

(51) International classification :G06F 11/14
(31) Priority Document No :10/897 436
(32) Priority Date :23/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/053090
Filing Date :30/06/2005
(87) International Publication No :WO 2006/008226
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GREEN, THOMAS

No of Pages : 27
No of Claims : 12

(57) Abstract :
A method of improving replica server performance in a replica server system is described. The method comprises the steps of; transferring input data from a primary replica to a secondary replica upon receiving same; storing said input data on the primary replica; processing said input data in the primary replica after storing said input data, thus creating original output data; sending confirmation data from the secondary replica to the primary replica upon receiving said input data; and sending out said original output data from the primary replica upon receiving said confirmation data from said secondary replica. Replica server system for inter alia performing the method is also enclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2004

(21) Application No.976/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : Controlled release polymeric compositions of bone growth promoting compounds.

(51) International classification :A61K 9/00
(31) Priority Document No :60/337,255
(32) Priority Date :30/11/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB02/04965
Filing Date :20/11/2002
(87) International Publication No :WO 03/045351
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)Richard Lee Dunn
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No of Pages : 29
No of Claims : 15

(57) Abstract :
The present invention is directed to an improved system for controlled release of a bone growth promoting compound and to a flowable composition for its formation. The flowable composition is composed of a bone growth promoting compound, a thermoplastic polymer and a organic solvent. The flowable compositionn is capable of forming a biodegradable and/or bioerodible microporous, solid polymer matrix. The matrix is useful as an implant in patients (humans and animals) for delivery of a bone growth promoting compound to certain tissues.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2003
(21) Application No.98/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A SYNERGISTIC COMPOSITION USEFUL FOR MAKING THERMALLY STABLE NON-METALLIC COATING ON METALS"

(51) International classification	:C09D 83/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SOMESWAR DATTA
2)SUMANA DAS

No of Pages : 17
No of Claims : 7

(57) Abstract :
The present invention discloses and describes a synergistic composition useful for making thermally stable non-metallic coating on metals which obviates the drawbacks of the hitherto known prior art as it is capable of providing a very effective oxygen barrier over the surface of a nickel or cobalt base super alloy substrate. The synergistic composition of the present invention has the novel features of usefulness as a well bonded thermally stable non-metallic coating on metals and for providing a very effective oxygen barrier over the surface of a nickel or cobalt base super alloy substrate for high temperature protection. The novelty is achieved by the non-obvious inventive steps of providing a blend of alkaline earth metal oxides and bonding agent which results in the synergistic composition of the present invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.98/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROVISION OF PUBLIC SERVICE IDENTITIES

(51) International classification	:H04Q 7/38
(31) Priority Document No	:60/600,631
(32) Priority Date	:11/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2005/001197
Filing Date	:10/08/2005
(87) International Publication No	:WO 2006/016846
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)TERRERO DIAZ CHIRON, MARIA, ESTHER

No of Pages : 42
No of Claims : 25

(57) Abstract :
The present invention is aimed to provide a mechanism whereby a Public Service Identity identifying a service, which runs in an application service, may be created in a network both dynamically by the application server and statically by an O & M system, the means and method for the dynamic creation harmonizing with those for the static creation, and allowing a similar behaviour of the network with minimum impact when the service is invoked. Therefore, the present invention provides a new method, a new central entity in the network, and enhanced Home Subscriber Server and application server, all co-operating to carry out the different embodiments for the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2004

(21) Application No.984/DEL/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A VISUALLY CLEAR GEL DENTIFRICE"

(51) International classification :A61K 7/16
(31) Priority Document No :8/456,359
(32) Priority Date :01/06/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1119/DEL/1996
Filed on :27/05/1996

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2)ERIC BAINES
3)PRAKASARAO MANDADI

No of Pages : 22
No of Claims : 20

(57) Abstract :
Preparation of a visually clear gel dentifrice comprising a precipitated silica polishing agent having a refractive index of about 1.44, a water-swellable synthetic anionic polycarboxylate polymer which is added in solid form and a liquid vehicle comprising water and sorbitol wherein (a) when the total water content is above 30% to about 33% by weight of said dentifrice, sorbitol on a neat basis is present in amount of above 30% to about 36% by weight of said dentifrice (b) when the total water content is about 27% up to below 30% by weight of said dentifrice, sorbitol on a neat basis is present in amount of about 20% up to below 30% by weight of said dentifrice and other humectant if present, is in neat amount of up to 15% by weight of said dentifrice and also adding to said liquid vehicle about 1 -4% by weight of dentifrice of solid water-swellable synthetic anionic polycarboxylate polymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2004
(21) Application No.986/DELNP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND METHODS FOR ADMINISTERING EP2 RECEPTOR SELECTIVE AGONISTS

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 70
No of Claims : 3

(57) Abstract :
This invention is directed to pharmaceutical compositions and methods comprising prostgladin agonists, specifically EP2 receptor selective agonists, which are useful to enhance bone repair and healing and restore or augment bone mass in vertebrates, particularly mammaly. The EP2 receptor selective agonists of the present invention are effective in the treatment of conditions such as those in which the patient has delayed or non-union fracture, bone defect, spinal fusion, bone in -growth , cranial facial reconstruction or bone sites at risk for fracture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2007

(21) Application No.99/DELNP/2007 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "BRAKE SYSTEM WITH INTEGRATED CAR LOAD COMPENSATING ARRANGEMENT"

(51) International classification :B60T 8/18
(31) Priority Document No :60/578,450
(32) Priority Date :09/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/020235
Filing Date :08/06/2005
(87) International Publication No :WO 2005/123474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 13

(57) Abstract :
A railway car brake system comprising a control device (100, 200) engageable with a predetermined portion (3) of such railway car for compensating braking force in response to a load carried by such railway car. The control device includes a sensor mechanism (110, 210) engageable with a truck bolster (16) or a movable car structure (3) for sensing a vertical position thereof corresponding to a load carried by the railway car. There is a control valve (120, 220) engageable with the sensor mechanism (110, 210) which generates a fluid pressure signal responsive to such load. A pneumatic actuator (140, 180) engageable with a predetermined brake beam (22, 24) disposed on such truck assembly (10) and fluidly connected to such control valve (120, 220). This pneumatic actuator (140, 180) generates a predetermined braking force responsive to the fluid pressure signal and further responsive to the load carried by the railway car as sensed by the sensor mechanism. Such predetermined braking force may be proportionally adjusted to variations in the load carried by the railway car.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2003
(21) Application No.995/DEL/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PHARMACEUTICAL COMPOSITION"

(51) International classification :C08B 37/10
(31) Priority Document No :97 06550
(32) Priority Date :28/05/1997
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :
Filed on :

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2)ANDRE UZAN
3)FLORENCE WAHL

No of Pages : 12
No of Claims : 30

(57) Abstract :
Use of a low molecular weight heparin for the preparation of a medicament for the prevention or treatment of trauma of the central nervous system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2000

(21) Application No.IN/PCT/2000/00256/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR ISOMERIZING A FEED WHICH CONTAINS ETHYLBENZENE AND XYLENE"

(51) International classification	:C07C 5/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/052842
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)JOCELYN ANNE KOWALSKI
5)DARIA LISSY
6)DAVID LAWRENCE STERN

No of Pages : 20
No of Claims : 10

(57) Abstract :
This invention concerns a process for isomerizing a feed which contains ethylbenzene and xylene, which process comprises the steps of: (a) contacting the feed under ethylbenzene conversion conditions with a particulate first catalyst component which comprises a molecular sieve having a Constraint Index of 1-12, the particles of said first catalyst component having a surface to volume ratio of 31.5 to less than 78.7 cm'1 (80 to less than 200 inch-1) and the contacting step converting ethylbenzene in the feed to form an ethylbenzene- depleted product; and then (b) contacting the ethylbenzene-depleted product under xylene isomerization conditions with a second catalyst component.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2000

(21) Application No.IN/PCT/2000/00270/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "AN ABSORBENT DEVICE INSERTABLE INTO THE INTERLABIAL SPACE OF A FEMALE WEARER"

(51) International classification	:A6IF 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/56681
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 45
No of Claims : 22

(57) Abstract :
An absorbent interlabial device worn by female wearers for catamenial purposes, incontinence protection, or both, is disclosed. The absorbent interlabial device has at least one body-contacting surface which comprises a substance that contacts the wearer's body for assisting the interlabial device in staying in place in the desired position in the interlabial space. The substance can be either adhesive or non-adhesive. In embodiments in which the substance is non-adhesive, it may have no initial tack so that it will not stick to the wrong portions of the wearer's body when the device is placed between the labia. Non-adhesive substances include moisture-activated substances which become viscous and develop a tack when contacted by relatively small amounts of moisture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2000

(21) Application No.IN/PCT/2000/00405/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : " LIGHT INTERACTIVE TOOTHBRUSH"

(51) International classification	:A46B 15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/63859
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 12
No of Claims : 7

(57) Abstract :
A toothbrush is provided with light interactive features, and has a light source such as a light emitting diode (LED) molded within its handle. In one embodiment, the toothbrush is molded from a transparent or translucent plastic material and is covered with an opaque covering, except at a plurality of discrete light-emitting points. A reflective layer over the molded body may also be provided. Light is internally reflected along the length of the body to the light-emitting points. The surface of the toothbrush at these points is roughened to emit a softened, diffused light. In another embodiment, a plurality of optic fibers or light pipes are molded in the body of the toothbrush, with their input ends positioned near the light source and their output ends terminating at the light-emitting areas. The body may be molded of an opaque elastomer or rubberized plastic material. A battery and switch may be molded with the LED in the grip end of the toothbrush handle. The switch can be formed as a flexible membrane and contact electrode whcih is depressed when the user grips the grip end of the toothbrush.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2000

(21) Application No.IN/PCT/2000/00442/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND AN APPARATUS OF DISINFECTION"

(51) International classification	:A61L 2/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/66961
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 31
No of Claims : 34

(57) Abstract :
The invention relates to a method of disinfection comprising the steps of sonicating a liquid composition comprising a disinfectant in combination with at least one surfactant at a frequency selected to be above 1.5 MHz, preferably above 2 MHz to produce a nebulised disinfectant product. The frequency of the ultrasonic energy and the formulation of the disinfectant to which the ultrasonic energy is applied is such that a majority of microdroplets are less than 2.0 micrometres in diameter. In preferred embodiments, the microdroplets are activated by the ultrasound and are substantially more effective than non-sonicated disinfectant. The invention also relates to compositions suitable for use in such methods which may include activatable agents, surfactants and/or agents to assist in drying.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2001

(21) Application No.IN/PCT/2001/00034/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PLATING APPARATUS AND PLATING METHOD FOR CONTINUOUSLY PLATING STEEL SHEET"

(51) International classification	:B21B1/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP99/03879 : 19/07/1999
(87) International Publication No	:WO00/03816
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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No of Pages : 13
No of Claims : 3

(57) Abstract :
A plating equipment for continuously platinq a steel sheet S. The plating equipment has an acid-pickling unit (4) for pickling a steel sheet (S) with an acid solution, a cold-rolling mill (5) for cold-rolling the steel sheet (S) and a plating unit (7) for plating the steel sheet (S), disposed below the acid pickling unit (4) and the cold-rolling mill (5) with respect to a moving direction of the steel sheet (S). The acid-pickling unit (4), the cold-rolling mill (5) and the plating unit (7) are arranged in a single line for continuously plating the steel sheet (S). A steel sheet of a desired quality can be manufactured by passing the steel sheet S only through the single line provided with the acid-pickling unit (4), the cold-rolling mill (5) and the plating unit (7). The plating equipment does not need to be arranged in a plurality of lines. The plating equipment can manufacture plated steel sheets in a small investment in equipment, at a small floor space for installation, at lov running costs in a short manufacturing time, and at very low manufacturing costs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2001

(21) Application No.IN/PCT/2001/00108/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR METERING ENERGY CONSUMPTION."

(51) International classification :G01R 11/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US00/18023
Filing Date : 29/06/2000
(87) International Publication No :WO 01/01156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)ZINKOWSKI VIRGINIA H
7)LEE ROBERT E JR.
8)LAVOIE GREGORY P
9)PLIS MARK J
10)CUMMISKEY CAROL A

No of Pages : 40
No of Claims : 18

(57) Abstract :
The present invention, in one embodiment, is a method for metering energy consumption with an electric meter. The method includes steps of: generating metering quantities for a plurality of phase voltages from a multiphase voltage source, including generating revenue-related data; monitoring voltage changes changes on at least one of the phase voltages; and performing a predetermined task in response to a voltage change on at least one of the phase voltages; and performing a predetermined task in response to a voltage change on at least one of the phase voltages while continuing to generate revenue-related data.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2001

(21) Application No.IN/PCT/2001/00153/DEL A

(43) Publication Date : 27/04/2007

(54) Title of the invention : "A TUBULAR CONTAINER"

(51) International classification :B65D 35/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US99/19101
Filing Date : 23/08/1999
(87) International Publication No :WO 00/12401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEATHER
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No of Pages : 12

No of Claims : 17

(57) Abstract :
The tube has a non-metallized holographic decoration. This holographic decoration is an inner layer of the tube body which is of a laminate structure. The holographic film layer is a non-metallized layer to prevent the delamination of the tube body when the tube body is formed with an overlap seal. In an overlap seal an edge of the laminate film potentially will be in contact with the contents of the tube. A metallized holographic layer can react with the contents of the tube and cause a delamination of the film in the area of the seal and the consequent failure of the seal. The innermost layer of the tube body will be a layer that is bondable to an outermost barrier layer, and further that is bondable to the shoulder of the tube. It should be bondable to the innermost layer in order to form the longitudinal seal of the tube body. It should be bondable to the shoulder since the primary bond of the shoulder to the tube body is of the shoulder to the innermost layer of the tube body. The innermost layer and the outermost layer preferably are polyene layers. Polyenes form good heat bonds, and in particular, polyene to polyene bonds. Therefore, it is preferred that in addition to the innermost barrier layer and the outermost layer, that the shoulder also be comprised of a polyene.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2001
(21) Application No.IN/PCT/2001/00175/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PROCESS FOR SEPARATING THE WATER FROM AN AQUEOUS LACTAM SOLUTION "

(51) International classification :C07D 201/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FR99/01732
Filing Date : 15/07/1999
(87) International Publication No :WO 00/06540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PATRICK HOUSSIER

No of Pages : 9
No of Claims : 2

(57) Abstract :
The invention concerns a method for separating water from an aqueous lactam solution, more particularly applicable to a mixture derived from the reaction between an aininonitrile and water (reaction which is also called cyclizing hydrolysis). It concerns a method for .separating water from an aqueous lactam solution, method which is economical both in terms of the necessary investment for its implementation and in terms of operational costs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2001

(21) Application No.IN/PCT/2001/00742/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "HIV-1 MUTATIONS SELECTED FOR BY ÃŸ-2',3'-DIDEBYDRO-2',3-DIDEOXY-5-FLUOROCYTIDINE"

(51) International classification :A61K 31/513
(31) Priority Document No :60/116,773
(32) Priority Date :22/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/01738
Filing Date :21/01/2000
(87) International Publication No :WO 00/43014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 40
No of Claims : 21

(57) Abstract :
The present invention discloses a method for treating HIV that includes administering (3-D-D4FC or its pharmaceutically acceptable salt or prodrug to a human in need of therapy in combination or alternation with a drug that induces a mutation in HIV-1 at a location other than the 70(K to N), 90 or the 172 codons of the reverse transcriptase region. Also disclosed is a method for using /2-D-D4FC as "salvage therapy" to patients which exhibit drug resistance to other anti-HIV agents. /2-D-D4FC can be used generally as salvage therapy for any patient which exhibits resistance to a drug that induces a mutation at other than the 70(K to N), 90 or the 172 COCicms.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2001

(21) Application No.IN/PCT/2001/00974/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "WATER PURIFICATION PROCESS"

(51) International classification	:CO2F 1/46,1/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR02/00193
Filing Date	: 07/02/2002
(87) International Publication No	:WO 00/56666
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MICHAEL WAITE

No of Pages : 20
No of Claims : 35

(57) Abstract :
A process for removing nitate ions from an aqueous solution thereof which comprises passing the solution thought an electrochemical ccll comprising at least one anode and at least one cathode and passing a current therebetween,wherein the cathode surface (s) comprise rhodium metal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2001

(21) Application No.IN/PCT/2001/01017/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "LATCHING MAGNETIC RELAY ASSEMBLY WITH LINEAR MOTOR"

(51) International classification	:H01H 51/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US02/07647
Filing Date	: 13/03/2002
(87) International Publication No	:WO 00/60626
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KLAUS A. GRUNER

No of Pages : 22
No of Claims : 23

(57) Abstract :
The present invention relates to a latching magnetic assembly with a linear motor capable of handling current transfers of up to and greater than 100 amps.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2001

(21) Application No.IN/PCT/2001/01032/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A DEVICE FOR USE IN VALIDATING RECORDED DIGITIZED INFORMATION"

(51) International classification	:H04L 9/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP02/01280 : 15/02/2002
(87) International Publication No	:WO 00/65771
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DATAFREEZE LIMITED
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(72)**Name of Inventor :**
1)KELMAN
2)ALISTAIR
3)BRUCE

No of Pages : 15
No of Claims : 11

(57) Abstract :
A device for use in securing and preserving evidence from computers and listening devices. The device includes a tamper proof unit accommodating date, time and device serial number identifying arrangements together with the private key of a public key encryption pair. The device being arranged in operation to produce a data file for recording on recording media having a header arid an enciphered message. The enciphered message being the recorded message enciphered with the date, time and serial number of the device. The header containing the private key encrypted date, time and serial number used in the cipher process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2001

(21) Application No.IN/PCT/2001/01106/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "PEPTIDES"

(51) International classification	:A23L 1/305
(31) Priority Document No	:GB 9912852.2
(32) Priority Date	:02/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/02128
Filing Date	:02/06/2000
(87) International Publication No	:WO 00/75173
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)REGEN THERAPEUTICS PLC,
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(72)**Name of Inventor :**
1)GEORGIADES, JERZY A.,

No of Pages : 31
No of Claims : 39

(57) Abstract :
The amino acid sequence of several peptides present in Colostrinin is disclosed. These peptides are useful, inter alia, in the treatment of disorders of the immune system and the central nervous system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2001

(21) Application No.IN/PCT/2001/01155/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR PREPARING A SYNERGISTIC ORAL ANTIPLAQUE COMPOSITION"

(51) International classification	:A61K 7/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US01/13435 : 27/04/2001
(87) International Publication No	:WO 00/76470
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY
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(72)**Name of Inventor :**
1)TRIVEDI HARSH M
2)HERLES SUSAN M
3)SZELES LORI H
4)GAFFAR ABDUL

No of Pages : 14
No of Claims : 22

(57) Abstract :
An antibacterial combination of a nonionic halogenated diphenyl ether compound such as Triclosan and hydrogenated lupulone, the combination being particularly effective in inhibiting the growth of gram-positive bacteria and in the preparation of antiplaque oral compositions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2002

(21) Application No.IN/PCT/2002/00123/del A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR BANKING"

(51) International classification :G06F 17/40
(31) Priority Document No :PQ 1312
(32) Priority Date :30/06/1999
(33) Name of priority country :Australia
(86) International Application No :PCT/AU00/00767
Filing Date :30/06/2000
(87) International Publication No :WO 01/03012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SILVERBROOK, KIA
2)LAPSTUN, JACQUELINE ANNE
3)LAPSTUN, PAUL

No of Pages : 57
No of Claims : 50

(57) Abstract :
Methods and systems are disclosed which relate to online banking via interface surfaces printed with information and coded data. The coded data, encoded visibly or invisibly, may be queried by an appropriate sensing device. The sensing device communicates with a computer system. Together, the interface surfaces, sensing device and computer system are capable of effecting banking transactions over a network.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2002

(21) Application No.IN/PCT/2002/00132/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "MICRO ELECTRO-MECHANICAL DEVICE"

(51) International classification	:B41J 2/045
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU00/00580
Filing Date	: 24/05/2000
(87) International Publication No	:WO 01/02176
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 8
No of Claims : 2

(57) Abstract :
A micro electro-mechanical device embodied within an ink ejection nozzle having an actuating arm that is caused to move an ink displacing paddle when heat inducing electric current is passed through the actuating arm (28) is disclosed. The paddle is located in an ink chamber (24) and the actuating arm (28) passes through an actuator aperture (54) in the chamber (24). The chamber (24) is partly defined by a straight edge portion (10) on an upper wall (23) of the ink chamber (24). The actuating arm carries a second planar wall (9) which covers the actuation aperture (54) and which is movable relative to the edge portion (10) when.the actuating arm (28) and paddle (27) are moved to eject a droplet (D). Upon movement of the actuating arm (28) the second wall (9) moves relative to die edge portion (10) and a meniscus (M) is created between the edge portion (10) and the second wall (9) which forms a seal between the second wall (9) and the edge portion (10) of the chamber wall (23).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2002

(21) Application No.IN/PCT/2002/00152/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "COMMUNICATIONS SYSTEM "

(51) International classification :HO4N 7/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/GB00/02856
Filing Date : 24/07/2000
(87) International Publication No :WO 01/11880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 31
No of Claims : 22

(57) Abstract :
An arrangement is provide for displaying a life “size live image of a person from a remote location in a three dimensional setting in a home location while providing the person in the remote location with a telepressence of the home location thought the invention comprising. a video presentation system for displaying a person on a black background; a two way mirror for viewing both the setting and the superimposed video image of the person. a video camera or pair of camera positioned in line with the eyes of the superimposed image of the person ,and a network connection between the home location and remote .sterescopicviews may be used in conjunction with the two way mirror and a retroeflective surface to display life-size autosteroscopic images of a person from a remote location.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2002

(21) Application No.IN/PCT/2002/00835/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A METHOD AND APPARATUS PRODUCING MOULDED FOAM BODIES"

(51) International classification	:B22D 25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/NO01/00072
Filing Date	: 23/02/2001
(87) International Publication No	:WO 01/62416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ASHOLT, PETTER
2)TOKLE, GUNNAR

No of Pages : 6
No of Claims : 3

(57) Abstract :
This invention relates to a method for producing moulded bodies of a foamed metal, in particular an aluminium foam, comprising providing said metal in a molten state (4); providing a foaming means (5, 305) in said molten metal; providing a mould (1) having a cavity (8) and at least one entrance opening (3) and wherein said entrance opening (3) is maintained submerged in the molten metal and wherein the entrance opening (3) is positioned generally above said foaming means (5, 305); initially filling the mould (1) with the molten metal; generating a metal foam with said foaming means; and filling the mould with the foam (9) by accumulation of bubbles rising through the molten metal (4), while keeping at least the entrance opening (3) submerged in the molten metal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2002
(21) Application No.IN/PCT/2002/00948/DEL A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "SYSTEMS AND MEHTODS FOR CONDUCTING DUE DILIGENCE"

(51) International classification :G06F 17/00
(31) Priority Document No :60/197,143
(32) Priority Date :14/04/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/10957
Filing Date :04/04/2001
(87) International Publication No :WO 01/80051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ABOTT PRESTON H.
3)HOGAN JAMES F.

No of Pages : 40
No of Claims : 61

(57) Abstract :
The invention relates to a method for operating a computer to conduct due diligence, said method comprising : prompting a user to identify data to be used to form at least one standard documentation file ; prompting a user to identify at least one data collector to collect the identified data ; receiving and storing the identified data ; and generating at least one standard documentation file

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2000

(21) Application No.0820/DEL/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A PROCESS FOR PREPARING A HERBAL PASTE USED AS REMEDY FOR BALDNESS"

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. BARANWAL BALRAM PRASAD

No of Pages : 3
No of Claims : 2

(57) Abstract :
This application deals with a process for preparation of a herbal paste, used as a Remedy for baldness, The paste has the following special characteristics; Application of the paste on the hairless head of a person (bald) causes the re growth Of the hairs which starts in about an month . The paste has to be applied on the whole Head for about two hours daily. This paste is to be used for two months, only, I.e., a Complete course for a bald person, After two months, the growth of new hairs will Be a normal process and there is no need to use the paste any more. It has also been Noticed that there is no any bad cffect of the paste on human hairs or body as the Paste is pure herbal. It also checks the fall of hairs [all of hair as well as it makes The older hairs very shinning and strong.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2000

(21) Application No.1001/MAS/2000 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTIBAND HARMONIC TRANSFORM CODER

(51) International classification	:G10L 011/06
(31) Priority Document No	:09/447,958
(32) Priority Date	:29/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOHN C. HARDWICK

No of Pages : 46

No of Claims : 42

(57) Abstract :
A speech signal is encoded into a set of encoded bits by digitizing the speech signal to produce a sequence of digital speech samples that are divided into a sequence of frames, each of which spans multiple digital speech samples. A set of speech model parameters are estimated for a frame. The speech model parameters include voicing parameters dividing the frame into voiced and unvoiced regions, at least one pitch parameter representing pitch for at least the voiced regions of the frame, and spectral parameters representing spectral information for at least the voiced regions of the frame. The speech model parameters are quantized to produce parameter bits. The frame is also divided into one or more subframes for which transform coefficients are computed. The transform coefficients for unvoiced regions of the frame are quantized to produce transform bits. The parameter bits and the transform bits are included in the set of encoded bits.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2000

(21) Application No.1009/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A BUTTERFLY VALVE FOR LIQUID CONTAINERS AND LIQUID-CARRYING LINES

(51) International classification	:B65D 90/00
(31) Priority Document No	:199 59 367.1
(32) Priority Date	:09/12/1999
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UDO SCHUTZ

No of Pages : 8
No of Claims : 7

(57) Abstract :
The butterfly valve (3), which is connected directly to the outlet opening (2) or the outlet nozzle of a liquid container (1), has a valve housing (4), which is injection-moulded in a single piece from plastic, and a handle (7), which is mounted rotatably in the top part (5) of the valve housing (4) and is intended for actuating a shaft (8), on which there is fastened a disc-shaped butterfly element (9) which is intended for opening and closing a cylindrical throughpassage opening (10) in the bottom part (6) of the valve housing (4) The through-passage opening (10) of the valve housing (4) forms a seat (11) with the geometry of a sphere for the butterfly element (9), which can be rotated about an axis (13-13) perpendicular to the longitudinal axis (12-12) of the through-passage opening (10), in the closure position (9a) of the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2000
(21) Application No.1018/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WAVEFORM EQUALIZER

(51) International classification :H04B 1/00
(31) Priority Document No :HEI. 11-346854
(32) Priority Date :06/12/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAZUSHI TAKANASHI
2)TAKESHI AKIYAMA

No of Pages : 61
No of Claims : 3

(57) Abstract :
A waveform equalizer comprising a feedforward filter comprising a plurality of cascade-connected delay elements which are connected to a weighting device, the output of which is fed to an adder; a discriminator adapted to decode the output of the adder; a feedback filter comprising a plurality of cascade-connected delay elements which are connected to said weighting device, the input of which is fed with the output of said discriminator; an impulse response predictor adapted to predict the impulse response of the transfer path by employing a reference signal transmi ed at the beginning of a received burst; and a tap arrangement control switch adapted to switch the taps of said equalizing filter relative to the main wave with the highest power level of the predicted impulse response characterized in that it comprises tap coefficient monitoring unit adapted to monitor the tap coefficient of said equalizing filter which corresponds to said main wave, and when the changing amount of the monitored tap coefficient exceeds a threshold value, change the tap arrangement via the tap arrangement control switch by recognizing the wave with the second highest power level as the main wave and restart equalization from the beginning o the received burst, or from a preselected step prior to the present step thereof while aid received burst is equalized.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2000
(21) Application No.1027/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR MANAGING EJECT OPERATIONS IN A DATA STORAGE LIBARARY HAVING MULTIPLE SLOTS TO RECEIVE DATA STORAGE CARTRIDGES

(51) International classification	:G06F 7/00
(31) Priority Document No	:459,414
(32) Priority Date	:11/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)WILLIAM HENRY TRAVIS

No of Pages : 26
No of Claims : 5

(57) Abstract :
A data storage library efficiently utilizes I/O slots while maintaining software compatibility by using functional addresses to conduct virtual cartridge moves from storage slots to I/O slots. More particularly, a location-centric library host manages cartridge movement according to functional storage addresses and functional I/O addresses. In reality, the library has multiple cartridge receiving slots, which include physical I/O slots and physical storage slots. In contrast with the physical I/O slots and physical storage slots, functional I/O low addresses and functional storage addresses are virtual locations used by the host in managing cartridge locations. Thus, host knowledge of cartridge locations is limited to their functional addresses. The library includes a library map that correlates functional addresses with physical addresses. Initially, an eject command is received from the host. The eject command requests transfer of a cartridge from a source functional storage address to a target functional I/O address. In response to the eject command, irrespective of any physical movement of the cartridge, the library reports successful completion of the requested eject command to the host. The library promptly gives a functional I/O address to the physical storage slot containing the cartridge. When a physical I/O slot becomes available, the library physically moves the cartridge there and either correlates the cartridge's functional I/O address with this physical I/O slot, or registers the cartridge's functional I/O address as empty.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2005
(21) Application No.1040/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW ODOURANT COMPOUNDS

(51) International classification :C07C 69/28
(31) Priority Document No :0227807.5
(32) Priority Date :29/11/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/CH2003/000772
Filing Date :24/11/2003
(87) International Publication No :WO/2004/050602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRAFT, Philip

No of Pages : 16
No of Claims : 8

(57) Abstract :
This invention relates to unsaturated alicyclic carbonyl compounds of formula (I) [insert formula (I) here] wherein R is C1 to C4 alkyl; orR is vinyl or a linear, branched or cyclic C3 to C4 alkenyl;X is carbonyl or a divalent radical -(CMe2)- ; and Y is oxygen or a divalent radical-(CH2)-. The compounds are odourant compounds having musk characteristics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2000
(21) Application No.1040/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR MANAGING ACCESS TO A PHYSICAL DATA STORAGE LIBRARY AND MULTIPLE HOSTS

(51) International classification	:G06F 012/00
(31) Priority Document No	:09/459,415
(32) Priority Date	:11/12/1999
(33) Name of priority country	:Russia
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)STALEY BERT SLAWSON

No of Pages : 23
No of Claims : 6

(57) Abstract :
A data storage library utilizes library-local features to regulate access to shared read/write drives among multiple hosts, and thereby avoid the need for arbitrating host software. The library includes multiple data storage media, multiple data storage media slots, multiple read/write drives, and a library controller. The slots are originally partitioned into multiple logical libraries. Normally, the library shares the read/write drives among all hosts. However, when a host submits a request to unload a cartridge from a read/write drive, the library only honors that request if the host has access rights to the logical library from where the cartridge was originally loaded. Similarly, for each slot, the controller prevents a requesting host from loading a cartridge from that storage slot unless the requesting host has access rights to the logical library that includes that storage slot.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2000

(21) Application No.1043/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A THERMOPLASTIC POLYVINYL CHLORIDE MOLDING COMPOSITION

(51) International classification :C08K 5/00
(31) Priority Document No :19958820.1
(32) Priority Date :07/12/1999
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DR. RADU BORDEIANU
3)DR. THOMAS NEU
4)DR. HARALD STURM
5)DR. WILHELM FRIEDRICH SCHMITT

No of Pages : 19

No of Claims : 13

(57) Abstract :
A process is described for preparing a thermoplastic polyvinyl chloride molding composition with improved impact strength and corner strength and with improved optical properties, by using an impact modifier. The impact modifier is prepared by way of a core-shell structure via partial replacement of the rubber phase using PVC homo-or copolymers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2000
(21) Application No.1046/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FUEL CELL OPERATED WELDER

(51) International classification :B23K 009/10
(31) Priority Document No :09/457,156
(32) Priority Date :08/12/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEORGE D. BLANKENSHIP

No of Pages : 47
No of Claims : 92

(57) Abstract :
An electric arc welder powered by a plurality of liquid organic fuel cells. The fuel cells use a methanol/water mixture as the organic feed. The fuel cells produce carbon dioxide as a reactive product which is used an a shielding gas during the arc welding process. The fuel cells are stacked together to produce the desire arc voltage and current between an electrode and the workpiece. The arc welder includes a welding current to control the current wave shape through the electrode and to control or increase the voltage through the electrode.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2000

(21) Application No.1049/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A POWDER COMPOSITION CONTAINING AT LEAST ONE FAT-SOLUBLE VITAMIN

(51) International classification :A23L 2/52
(31) Priority Document No :99124519.2
(32) Priority Date :09/12/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 33

No of Claims : 15

(57) Abstract :
This invention relates to a powder composition comprising at least one fat-soluble vitamin dispersed in a matrix of a natural polysaccharide gum or a mixture of said gums having an emulsifying capacity and/or a protein or a mixture of proteins having an emulsifying capacity, and wherein said fat-soluble vitamin is present in said powder composition in the form of droplets having an average diameter within the range of 70 to 120 nm; tablets, beverages and beverge concentrates, foods, cosmetics and pharmaceuticals made therefrom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2005

(21) Application No.1064/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KEROSENE COMPOSITION

(51) International classification :C10 L 01/04
(31) Priority Document No :2002-351205
(32) Priority Date :03/12/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/EP2003/050935
Filing Date :03/12/2003
(87) International Publication No :WO/2004/050804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOMATSU, Yasuyuki
3)SHIBUYA, Masahiko

No of Pages : 18
No of Claims : 9

(57) Abstract :
The present invention relates to a kerosene composition comprising 99 to 100 wt% of(i) n-paraffins which have from 7 to 18 carbon atoms and/or(ii) iso-paraffins,and alkyl derivatives thereof,which have from 9 to 18 carbon atoms ,which composition has a smoke point of at least 30 mm

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2000

(21) Application No.1076/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A COMPOUND SELECTED FROM KETONE, AN ALCOHOL AND A HYDROPEROXIDE

(51) International classification :C07C 45/28
(31) Priority Document No :354216/1999
(32) Priority Date :14/12/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHUZO MURATA
2)NOBUHIRO TANI
3)HIROYUKI ASANO

No of Pages : 21
No of Claims : 3

(57) Abstract :
A process for preparing a ketone, an alcohol and/or a hydroperoxide is provided by reacting a hydrocarbon with molecular oxygen in the presence of a cyclic N-hydroxyimide and a compound of a transition metal, in which an oxygen-containing gas is supplied in a reaction system and at the same time a gas containing 1 to 10 % by volume of oxygen is discharged from the reaction system. This process is excellent in productivity and safety and produces the desired products at a high selectivity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2000

(21) Application No.1088/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTRIC ARC WELDER AND A METHOD FOR CREATING AN ARC WELDING PROCESS

(51) International classification	:B23K 009/09
(31) Priority Document No	:09/468,073
(32) Priority Date	:21/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 21
No of Claims : 30

(57) Abstract :
In an electric arc welder for creating an arc welding process between a consumable electrode advancing through a contact tip and a workpiece, the welder including a power supply to create an arc current and arc voltage and having a first lead connected to the contact tip and a second lead connected to the workpiece, the improvement comprising dividing the contact tip into an upper tip section and a lower tip section with an insulator electrically isolating the sections, a first switch selectively shiftable to a conductive state connecting one of the power supply leads to said upper tip section, a second switch selectively shiftable to a conductive state connecting the one lead to the lower tip section and a switch operating network creating a first switch signal to shift the first switch to its conductive state and/or a second switch signal to shift the second switch to its conductive state to control the effective CTWD of the arc welding process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2000

(21) Application No.1095/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BIOCIDE-POLYESTER CONCENTRATES AND BIOCIDAL COMPOSITIONS PREPARED THEREFROM

(51) International classification	:C02F 01/50
(31) Priority Document No	:09/467809
(32) Priority Date	:20/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 13
No of Claims : 12

(57) Abstract :
This invention relates to a biocide-polyester concentrate having 1 to 75% by weight of a biocide selected from (A) halogenated organic compounds, organosulfur compounds, triazine compounds, copper or copper compounds, organotin compounds, silver compounds, zinc compounds and oxy-bis-phenoxyarsine, and (B) 99 to 25% by weight of a polyester carrier resin comprising a homo or co-polyester prepared from aliphatic, cycloaliphatic, aromatic dicrboxylic acids and diols or hydroxycarboxylic acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2006
(21) Application No.1096/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DISC DRIVE APPARATUS

(51) International classification :G11B 7/95
(31) Priority Document No :03103271.7
(32) Priority Date :03/09/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051482
Filing Date :18/08/2004
(87) International Publication No :WO 2005/022520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN ACHT, Victor, M., G.

No of Pages : 15
No of Claims : 12

(57) Abstract :
A disc drive apparatus (1), for writing/reading information tolfrom an optical storage disc (2), comprises: means (4) for rotating the disc (2) at a variable disc rotation speed; an optical system (30) for generating a scan beam (32); an actuator system (50) for positioning a focus point (F) of the scan beam (32); and a control circuit (90) for controlling the actuator system (50). The control circuit (90) comprises a learning feed forward block (110) comprising a memory bank (130) having N memory locations (M(1) ... (M(N)) and further comprises a digital reconstruction filter (150). The memory bank (130) is operated by a first clock signal (CLK1) at a first clock frequency (01), and the digital reconstruction filter (150) is operated by a second clock signal (CLK2) at a second clock frequency (42) having a fixed ratio to the first clock frequency (01).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2000

(21) Application No.1112/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVICE FOR PROTECTION AGAINST ELECTRICAL FAULTS

(51) International classification :H02H 3/08
(31) Priority Document No :9916209
(32) Priority Date :22/12/1999
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)TIAN SIMON

No of Pages : 11
No of Claims : 10

(57) Abstract :
The present invention relates to a device for protection against electrical faults comprising: measuring means for measuring a fault current, processing means connected to the measuring means, an actuator connected to the processing means and to a power supply line to bring about opening of electrical contacts, and limiting means connected to the actuator for limiting voltage surges on said actuator, a device characterized in that the actuator comprises: a first winding connected between the power supply line and a common output connected to the limiting means for limiting voltage surges, and a second winding connected between the common output and the processing means.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2000
(21) Application No.1119/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CATALYTIC COMPOSITION AND AN ETHYLENE OLIGOMERISATION PROCESS USING THE CATALYST

(51) International classification :B01J 31/02
(31) Priority Document No :99/16.509
(32) Priority Date :24/12/1999
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DROCHON SEBASTIEN
3)SAUSSINE LUCIEN

No of Pages : 13
No of Claims : 12

(57) Abstract :
The present invention relates to a catalytic composition, characterized in that it is obtained by mixing: â€¢ at least one chromium compound; â€¢ with at least one aryloxy compound of an element M selected from the group formed by magnesium, calcium, strontium and barium, with general formula M(RO)2_â€žX,,, where RO is an aryloxy radical containing 6 to 80 carbon atoms, X is a halogen or a hydrocarbyl radical containing Ito 30 carbon atoms and n is a whole number that can take values of 0 to 2; and â€¢ with at least one aluminium compound selected from the group formed by tris(hydrocarbyl)aluminium compounds and chlorinated or brominated hydrocarbylaluminium compounds, with general formula A 1 R'm Y3-m, where R' is a hydrocarbyl radical containing 1 to 6 carbon atoms, Y is a chlorine or bromine atom and m is a number from 1 to 3, and aluminoxanes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2005

(21) Application No.1173/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR DESCALING AND/OR CLEANING A METAL CASTING

(51) International classification :C23C 2/02
(31) Priority Document No :102 52 178.6
(32) Priority Date :09/11/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/010852
Filing Date :30/09/2003
(87) International Publication No :WO/2004/044257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BLOCK, Bodo
3)BRISBERGER, Rolf
4)HARTUNG, Hans, Georg

No of Pages : 20
No of Claims : 16

(57) Abstract :
A method for descaling and/or cleaning of a metal casting, particularly a hotrolled strip made of normal steel or of stainless steel, wherein the metal casting is guided in a direction of conveyance through a device in side which it is subjected to a plasma descaling and/or plasma cleaning, wherein before the device for plasma descaling and/or plasma cleaning, in the direction of conveyance, the metal casting is subjected to a stretcher levelling process and/or to a stretcher-and-roller levelling process; and after the device for plasma descaling and/or plasma cleaning an inspection of the surface of the metal casting is performed, wherein the speed with which the metal casting is guided though the device for plasma descaling and/or plasma cleaning is specified in the closed-loop control in dependence on the inspection, such that the desired quality of descaling and/or cleaning is attained.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/1999
(21) Application No.1193/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GAS METER HOUSING

(51) International classification :G 07 F 15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HANS-WERNER TEMME ,
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5)HANS-WERNER TEMME

No of Pages : 9
No of Claims : 7

(57) Abstract :
The invention relates to a housing for a gas meter, in particular a diaphragm meter, to accommodate a metering instrument. A first housing section (1) and a second housing section (2) are detachably connected to each other along a dividing plane (3), the first housing section (1) being designed as a casting made of non-ferrous metal and having cast-on inlet and outlet ports (5, 6). According to the invention, the housing is characterised in that the first housing section (1) has a box-shaped design, the dividing plane running substantially vertical in the installed condition and that the second housing section (2) is designed as a wall made of metal plate. The inventive housing can be manufactured at low cost.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/02/2005

(21) Application No.120/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DISPERSIBLE PRECIPITATED SILICA HAVING HIGH SURFACE AREA

(51) International classification :C01B 33/193
(31) Priority Document No :103 30 118.6
(32) Priority Date :04/07/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/008235
Filing Date :25/07/2003
(87) International Publication No :WO/2004/014797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LUGINSLAND, Detlef
4)STENZEL, Oleg

No of Pages : 40
No of Claims : 17

(57) Abstract :
The invention relates to a high-surface, highly dispersible precipitation silicic acid, a method for the production thereof and the use thereof as tyre filler material for commercial vehicles, motor bikes and high-speed vehicles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2006

(21) Application No.120/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR THIN-LAYER CHEMICAL PROCESSING OF SEMICONDUCTOR WAFERS

(51) International classification	:H01L 21/00
(31) Priority Document No	:60/478,384
(32) Priority Date	:13/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/018516
Filing Date	:10/06/2004
(87) International Publication No	:WO/2004/114375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 36
No of Claims : 47

(57) Abstract :
A semiconductor wafer processing and analysis apparatus (20) includes a processing micro chamber (22) for closely receiving a semiconductor wafer (27) therein. The chamber may be opened for loading and removing the semiconductor wafers and then closed for processing of the wafer wherein chemical reagents and other fluids are introduced into the chamber. Small clearances are provided between the upper surface, the lower surfaces, and the perimeter edge of the wafer and the corresponding portions of the processing chamber. A high-speed collection system is provided for collecting and removing the spent reagents and fluids from the chamber for either on-line or off-line analysis or for waste treatment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2006

(21) Application No.1220/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MIRROR WITH BUILT-IN DISPLAY

(51) International classification :G02F
(31) Priority Document No :03103324.4
(32) Priority Date :09/09/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051512
Filing Date :20/08/2004
(87) International Publication No :WO 2005/024500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VAN DEURZEN, Maria, H., W., A.

No of Pages : 11
No of Claims : 4

(57) Abstract :
A mirror device (1) which can be simultaneously used for display purposes, based on e.g. an LCD display (5) with a polarizing mirror (2) placed in front of it. The polarizing mirror (2) has the characteristics that it does not disturb the transmission of the light from the display to the viewer (3), but does reflect the incident light. A combined viewing angle and reflection problem related to switchable optical components (14) placed in front of the polarizing mirror (2) is overcome.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/1999

(21) Application No.1225/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF REDUCING THE SULFUR CONTENT OF A CATALYTICALLY CRACKED PETROLEUM FRACTION

(51) International classification :C10G 55/06
(31) Priority Document No :09/221,539
(32) Priority Date :28/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZHAO XINJIN
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5)ROBERIE TERRY G
6)PURNELL SCOTT KEVIN
7)CHESTER ARTHUR W

No of Pages : 55
No of Claims : 9

(57) Abstract :
The present invention relates to a method of reducing the sulfur content of a catalytically cracked petroleum fraction, which comprises catalytically cracking a petroleum feed containing organosulfur compounds by (a) contacting the feed in a catalytic cracking zone operating at catalytic cracking conditions with a cracking catalyst and a product sulfur reduction catalyst which comprises a porous molecular sieve having (i) a first vanadium metal component which is within the interior pore structure of the molecular sieve and which is in an oxidation state greater than zero and (ii) a second metal component which is within the interior pore structure of the molecular sieve and which comprises at least one rare earth, and (b) producing liquid cracking products of reduced sulfur content.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2002
(21) Application No.124/MAS/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BANJO BOLT INSPECTION EQUIPMENT AND A SYSTEM FOR MONITORING HOLES OF BANJO BOLTS

(51) International classification :F16L 27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)P.V.SUDEV

No of Pages : 11
No of Claims : 21

(57) Abstract :
A system for inspecting and/or segregating banjo bolts, said system comprising of. (i) A spindle capable of being rotated using a motor; (ii) A rotary encoder mounted on a bottom side of the spindle; (iii) Two photo electric sensors or lasers fitted on to an adjustable bracket with an included angle of 90Â°C; (iv) A fixture directly mounted on top side of the spindle for receiving the banjo bolt for inspection; (v) An air cylinder with end sensing or displacement sensor to monitor the presence or absence of axial hole on the banjo bolt; (vi) A gripper system with a rotary cum linear air cylinder combination for unloading inspected banjo bolt; (vii) A dumber system to segregate accepted or rejected banjo bolts; (viii) A central system with high speed pulse counter for receiving total output from the rotary encoder; and (ix) A man machine interface unit (MMI) which provides interface between operator and the central system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2004

(21) Application No.1275/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ADAPTIVE BELT TENSIONER SYSTEM FOR CONTROL OF REVERSIBLE TORQUE LOAD PULLEY

(51) International classification :F16H 7/08
(31) Priority Document No :10/015,493
(32) Priority Date :12/12/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/39431
Filing Date :06/12/2002
(87) International Publication No :WO/2003/050433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 10

(57) Abstract :
A tensioner (14, 114) for an endless power transmission belt, the belt (12) being driven about a sheave. The tensioner may comprise a base (22, 122), a resilient device (46, 146), and first and second arms (24, 26; 124, 126) pivotally coupled for movement in an opened and a closed direction. The tensioner (14, 114) may also comprise first and second pulleys (25, 27; 125, 127) rotably coupled to the and second arms (24, 26; 124, 126), the resilient device (46, 146) biasing the arms in the closed direction in which the first and second pulleys (25, 27; 125, 127) apply tension to the belt (12). The tensioner (14, 114) may also comprise first and second stops (28, 30; 128, 130) positioned outside the arms on the base (22, 122) to limit the movement of the arms in the open direction in response to an increase in tension in the belt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2005
(21) Application No.1347/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SECURITY PAPER COMPRISING A PHOTOLUMINESCENT SUBSTANCE AND A METHOD FOR MANUFACTUREING THE SAME

(51) International classification :B42D 15/00
(31) Priority Document No :1021956
(32) Priority Date :20/11/2002
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2003/000800
Filing Date :14/11/2003
(87) International Publication No :WO/2004/045864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TUINSTRA, Steven, Gerardus

No of Pages : 13
No of Claims : 18

(57) Abstract :
The present invention relates to a security paper comprising a photoluminescent substance, characterized in that said photoluminescent substance has an excitation wavelength ranging from 220 to 300 nm, and n emission wavelength which is higher than the excitation wavelength range, wherein a coating is present on at least part of the security paper, on at least one side thereof, which coating is entirely or partially impervious to radiation in the excitation wavelength range of the photoluminescent substance. The invention also relates to a method for manufacturing the security paper.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2005

(21) Application No.1400/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BODY FLUID TESTING DEVICE AND A TEST CASSETTE FOR HOUSING TEST MEDIA

(51) International classification :A61B 5/155
(31) Priority Document No :02026242.4
(32) Priority Date :26/11/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/013298
Filing Date :26/11/2003
(87) International Publication No :WO/2004/047642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HOENES, Joachim
5)MILTNER, Karl
6)LIST, Hans
7)PACHL, Rudolf

No of Pages : 26
No of Claims : 19

(57) Abstract :
A body fluid testing device for analyzing a body fluid, comprising: a housing, a test media tape adapted to collect the body fluid, a supply portion storing an uncontaminated section of the test media tape, a storage portion for storing a contaminated section of the test media tape, an exposure portion positioned between the supply portion and the storage portion, the exposure portion being adapted to expose a section of the test media tape to body fluid on a body surface; said exposure portion has a tip portion for exposing a test medium of said test media tape to body fluid application and said tip portion imposing a change of direction to said tape which is above 600, and the body fluid testing device further comprising optics coupled with the tip portion, wherein said tip portion at least partially is located outside the contour of said housing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2000

(21) Application No.150/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 1-ALOXY SUBSTITUTED HINDERED AMINE

(51) International classification :C08K 5/34
(31) Priority Document No :09/257711
(32) Priority Date :25/02/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)NANCY NASE CLIFF
4)ROBERT EDWARD DETLEFSEN
5)MICHAEL PETER DIFAZIO
6)RAMANATHAN RAMACHANDRAN
7)PETER SHELSEY SOLERA
8)HENRY CLANTON GRACE
9)CHRISTOPHER KUELL

No of Pages : 215
No of Claims : 21

(57) Abstract :
Hindered amines substituted on the N-atom with an -O-E-OH moiety are particularly effective in stabilizing polyolefin and automotive coating compositions against the deleterious effects of oxidative, thermal and actinic radiation where the presence of the OH group on the compounds adds important properties not attainable by the use of normal -O-E moieties. They are conveniently prepared by reacting the corresponding N-oxyl compound with an alcohol in the presence of a peroxide or an organic hydroperoxide and a catalytic amount of a metal salt or metal-ligand complex.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2000

(21) Application No.151/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RADIO SELECTIVE-PAGING SYSTEM AND DISPLAY METHOD THEREOF

(51) International classification :H04Q 7/18
(31) Priority Document No :HEI. 11-102710
(32) Priority Date :09/04/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ATSUSHI KATAGIRI

No of Pages : 27
No of Claims : 8

(57) Abstract :
A selective calling signal and a received message signal are received via a radio receiver unit 1 and a decoder unit 2. The received message from the radio receiver unit 1 is stored in a message storing unit 3. The received message stored is displayed on a screen of a display unit 4 based on the display operation of an operating unit 6 under control of a controller unit 8. At this time, an adder unit 5 adds and counts the piece number of the received messages, which are newly received from the display operation to the succeeding display operation, every attribute during the screen display of the received message on the display unit 4. Then, information o of the adder unit 5 (piece number of the new unread received messages per attribute) is displayed on the screen of the display unit 4 under control of the controller unit 8.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2005

(21) Application No.1551/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NOVEL SEMISYNTHETIC MACROLIDE ANTIBIOTICS OF THE AZALIDE SERIES

(51) International classification :C07HÂ 17/00
(31) Priority Document No :P20020991A
(32) Priority Date :12/12/2002
(33) Name of priority country :Croatia
(86) International Application No : PCT/HR2003/000062
Filing Date :10/12/2003
(87) International Publication No :WO/2004/052904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUKVIC KRAJACIC, Mirjana
3)BRAJSA, Karmen

No of Pages : 40
No of Claims : 19

(57) Abstract :
The invention relates to N'-substituted 9a-N-(N'-carbamoyl-gamma;-aminopropyl), 9a--N-(N'-thiocarbamoyl-ϝ-aminopropyl), 9a-N-[N'-((beta;-cyanoethyl)-N'-carbamoyl-gamma; -aminopropyl] and 9a-N-[N'-((beta;-cyanoethyl)-N'-thiocarbamoyl-gamma;-aminopropyl] derivatives of 9-deoxo-9-dihydro-9a-aza-9a-homoerithromycin A and 5-0-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerithronolide A, novel semisynthetic macrolide antibiotics of the azalide series, of the general formula 1, wherein R represents H or cladinosyl moiety, R represents H or (beta;-cyanoethyl moiety, R represents isopropyl, 1-naphtyl, 2-naphtyl, benzyl, 2-(trifluoromethyl)phenyl, 3-phenylpropyl, &bgr;-phenylethyl, ethoxycarbonylmethyl, 1-(1-naphtyl)ethyl, 3,4,5-trimethoxyphenyl and 2,4-dichlorophenyl group, and X represents 0 and S, and their acceptable addition salts thereof with inorganic or organic acids, to the process for preparation of their pharmaceutical compositions as well as the use their compositions in the treatment of bacterial infections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2005
(21) Application No.1553/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ENANTIOMERS OF THIOPHENE HYDROXAMIC ACID DERIVATIVES

(51) International classification :C07D 333/38
(31) Priority Document No :02028038.4
(32) Priority Date :16/12/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/014235
Filing Date :15/12/2003
(87) International Publication No :WO/2004/054999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LIMBERG, Anja;
6)MUNDIGL, Olaf;
7)TIBES, Ulrich;

No of Pages : 61
No of Claims : 21

(57) Abstract :
Enantimers of thiophene hydroxamic acid derivatives The present invention relates to Compounds of Formula (I) wherein Ar, R1 and R2 have the meanings defined in the specification, process of manufacturing these compounds and medicaments with HDAC inhibitor activity containing such a compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/1998
(21) Application No.1566/MAS/1998 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "APPARATUS FOR THE VOLUMETRIC APPORTIONING OF SMALL QUANTITIES OF MATERIAL AND FILLING INTO CONTAINERS"

(51) International classification	:B65B 01/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)Werner RUNFT

No of Pages : 7
No of Claims : 5

(57) Abstract :
A device for metering and dispensing powder into hard gelatin capsules or the like, having a fuilling-material container for the powder, which can rotate cyclically and in the base of which groups of bores for the powder are formed, having compacting rams, which can be moved into and out of the bores in order to form powder compacts, and having transfer rams which are surrounded by a deflector element for the powder, for pushing the powder compacts into provided capsule lower parts, characterized in that a space for the powder is formed between a peripheral wall of the filling-material container and the deflector element, so that the powder located in the spece can be fed to that region of the first group of bores which follows the deflector element, as seen in the direction in which the powder is conveyed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2000
(21) Application No.172/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MULTIBAND DATA COMMUNICATION APPARATUS, COMMUNICATION METHOD OF MULTIBAND DATA COMMUNICATION APPARATUS, AND STORAGE MEDIUM

(51) International classification	:H 04 L 27/20
(31) Priority Document No	:11-82514
(32) Priority Date	:25/03/1999
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 96
No of Claims : 8

(57) Abstract :
A quadrature demodulator 408' and a quadrature modulator 908' convert a reception intermediate frequency signal 151 into reception baseband signals 157 and 158, and also convert transmission baseband signals 657 and 658 into a transmission intermediate frequency signal 651, respectively. While local oscillation signals having frequencies suitable for the respective bands are outputted from a commonly used local oscillator 111, such a local oscillation signal obtained by shifting a~hase thereof n/2 by a phase shifter 412 is supplied to one mixer of quadrature mixers 109 and 609, and such a signal obtained by inverting, or not inverting the plurality of the local oscillation signal by an exclusive OR gate circuit 413 in response to a band switching signal 153 is supplied to the other mixer of quadrature mixers 110 and 610.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2000

(21) Application No.18/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING CYANOACETIC ESTERS

(51) International classification	:C07C 255/19
(31) Priority Document No	:99102286.4
(32) Priority Date	:09/02/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DR.PAUL HANSELMANN

No of Pages : 9
No of Claims : 8

(57) Abstract :
The present invention relates to a process for preparing cyanoacetic ester of the general formula: in which R is C1-1o-alkyl, C3-1o-alkenyl or ary-C1-4-alkyl, characterized in that an alkali metal cyanoacetate is reacted in an aqueous/organic two-phase system in the presence of a phase-transfer catalyst with a halide of formula R-X (II), in which R is as defined , above and X is chlorine, bromine or iodine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2000
(21) Application No.182/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A BICYCLE COMPONENT ASSEMBLY

(51) International classification :B62J 39/00
(31) Priority Document No :09/321,822
(32) Priority Date :28/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 33
No of Claims : 30

(57) Abstract :
The present invention relates to a bicycle component assembly, comprising: a bicycle component having a first bicycle part with a threaded bolt receiving opening; a cable fixing bolt having a head portion and a shaft portion that extends from said head portion to a free end, said shaft portion having threads formed thereon that are engaged with said threaded bolt receiving opening; and a tool removably coupled to said cable fixing bolt, said tool including: first portion engaging said head portion of said cable fixing bolt, a second portion located adjacent a portion of said shaft portion of said cable fixing bolt, and a third portion engaging at least one of said shaft portion and said first bicycle part, said first, second and third portions being arranged relative one another to hold said cable fixing bolt in a loose condition, while preventing said cable fixing bolt from being disengaged from said first bicycle part.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/1999

(21) Application No.183/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CLOSED CIRCUIT PNEUMATIC DISC CLASSIFIER

(51) International classification	:B03C 3/47	(71)**Name of Applicant :** **1)PALAKKAPPILLIL BHASKARAN NAIR RAJENDRAN NAIR** Address of Applicant :MICROFINES,72 RANGA COMPLEX,PONDY BAZAR,CHENNAI 600 017 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)PALAKKAPPILLIL BHASKARAN NAIR RAJENDRAN NAIR**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8 No of Claims : 2

(57) Abstract :
The present invention relates to a pneumatic disc classifier in closed circuit characterized it comprises that a circular disc in vertical orientation; two slant walls modifying the bottom profile of the disc to converge to a square cross section at the bottom; a recycle channel split subsequently to a vertical channel and a semicircular channel ; a vertical uptake a quarter circular channel and a horizontal tangential entry channel completing the closed loop for the system; a pneumatic feeder with nozzleventuri and an auxiliary nozzle with nozzle-venturi ; a central outlet for the product and a classifier nozzle hosed in a nozzle carrier which is located inside the classifier and positioned for introducing two channels on both sides of the nozzle, connecting the circular profile of the classifier to the recycle channel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2000
(21) Application No.195/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELECTRONIC TRIP DEVICE WITH PHASE RECONSTITUTION AND A CIRCUIT BREAKER COMPRISING SUCH A TRIP DEVICE

(51) International classification :H02H 3/08
(31) Priority Document No :9904848
(32) Priority Date :14/04/1999
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 10

(57) Abstract :
A trip device with phase reconstitution comprising at least two sensors provided on main conductors to be protected, and a processing unit comprising means for processing the current signals connected to the sensors, means for phase reconstitution configured for receiving signals representative of the current signals supplied by the sensors, and means for processing tripping functions connected to the means for processing the current signals and to the means for reconstitution, said means for phase reconstitution comprising first means for determining signals representative of the amplitudes of the current signals supplied by the two sensors, second means for determining a signal representative of a phase shift between signals representative of the signals supplied by the two sensors, and third determining means, connected to the first and second determining means, for determining a signal representative of a phase current reconstituted according to the signals representative of the amplitudes and to the signal representative of a phase shift of the signals supplied by the two sensors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2000
(21) Application No.200/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AZO DYE

(51) International classification :C09B 62/00
(31) Priority Document No :99810220.6
(32) Priority Date :11/03/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROLF DEITZ

No of Pages : 73
No of Claims : 13

(57) Abstract :
Azo dyes comprising at least one structural unit of the formula (1) The azo dyes according to the invention are particularly suitable for dyeing cotton and wool and produce dyeings with good allround properties.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2006
(21) Application No.220/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ACE INHIBITOR DERIVATIVES

(51) International classification :A61K 31/401
(31) Priority Document No :03101796.5
(32) Priority Date :19/06/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/51089
Filing Date :11/06/2004
(87) International Publication No :WO 2004/110432 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 131
No of Claims : 17

(57) Abstract :
ACE inhibitor nitroderivatives of formula (I): A-(X1-ono2)s (I) having wider pharmacological activity and enhanced tolerability. They can be employed for treating cardiovascular and renal diseases and inflammatory processes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2004
(21) Application No.2202/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING ACID SALTS OF GEMIFLOXACIN

(51) International classification :C07D 47/104
(31) Priority Document No :10-2002-0018847
(32) Priority Date :08/04/2002
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2003/000683
Filing Date :04/04/2003
(87) International Publication No :WO/2003/087100
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)NAM, Do-Hyun
4)CHOI, Bo-Seung

No of Pages : 20
No of Claims : 11

(57) Abstract :
The present invention relates to a process for preparing acid salts of Gemifloxacin, a quinolone type antibiotic agent having potent antimicrobial activity. The process according to the present invention can provide advantages such as simplicity of process, improvement of productivity and improvement of yield, and the like by reducing conventional three-step process to two-step process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2004

(21) Application No.2224/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HIGH VOLUME PAGEWIDTH PRINTING

(51) International classification :B41J 2/175
(31) Priority Document No :10/120,430
(32) Priority Date :12/04/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU02/00764
Filing Date :13/06/2002
(87) International Publication No :WO/03/86770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 16

(57) Abstract :
A method of pagewidth printing, the method comprising the steps of feeding a print medium through a printing zone; and ejecting drops of ink at a rate of one billion drops per second from a print assembly on to the print medium in the printing zone to generate an image on the print medium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2004

(21) Application No.2225/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PRINT ASSEMBLY FOR A WIDE FORMAT PAGEWIDTH PRINTER

(51) International classification :B41J 2/155
(31) Priority Document No :10/120348
(32) Priority Date :12/04/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU02/00765
Filing Date :13/06/2002
(87) International Publication No :WO/03/86763
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 11

(57) Abstract :
A print assembly (14) for a wide format printer (10) includes a carrier (187) that is mountable on a support structure (12) of the wide format printer (10) in an operative position with respect to a platen (106) of the wide format printer (10). A number of printhead chips (186) are positioned on the carrier (187), the printhead chips (186) together incorporating at least fifty thousand nozzle arrangements (210). The printhead chips (186) are positioned so that the printhead chips (186) are capable of ejecting ink drops into a printing zone (120) defined by the platen (106). Control circuitry (190) is also positioned on the carrier (187) and is configured to control operation of the printhead chips (186).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004

(21) Application No.2271/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COATED ABRASIVE AND A METHOD FOR PREPARING THE SAME

(51) International classification :C09K 3/14
(31) Priority Document No :10/121,293
(32) Priority Date :12/04/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/10606
Filing Date :04/04/2003
(87) International Publication No :WO 03/087256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GAETA, Anthony, C.
3)YANG, Wenliang, Patrick;
4)WIJAYA, Jony;

No of Pages : 17
No of Claims : 25

(57) Abstract :
An abrasive is give a top coat layer consisting essentially of an inorganic, anti-loading agent selected from the group consisting of metal silicates, silicas, metal carbonates, and metal sulfates. The metal silicates can be selected from the group consisting of magnesium silicates, potassium aluminum silicates, aluminum silicates, and calcium silicates. In one embodiment, the magnesium silicates include talc, the potassium aluminum silicates include micas, the aluminum silicates include clays, and the calcium silicates include wollastonite. The silicas can be selected from the group consisting of fused silica, fumed silica, and precipitated amorphous silica. The metal carbonates can include calcium carbonate. The metal sulfates can include hydrous calcium sulfate or anhydrous calcium sulfate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.2277/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PNEUMATIC THREAD STRETCHER FOR A RAPIER WEAVING MACHINE OR A KNITTING MACHINE AND A THREAD PROCESSING SYSTEM

(51) International classification :D03D 47/34
(31) Priority Document No :0200745-8
(32) Priority Date :12/03/2002
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP02/07971
Filing Date :17/07/2002
(87) International Publication No :WO 03/076704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOSEFSSON, PÃ¤r

No of Pages : 14
No of Claims : 12

(57) Abstract :
The invention relates to a pneumatic thread tensioner (T) for a gripper shuttle loom or a knitting machine, in which the air-current deflection surface (19) for deflecting the thread (Y, Y1) forms a seamless extension (12) of the inner wall of the linear guide channel, through which the thread runs. The invention also relates to a device (H) for changing the flow rate or the pressure of the air-current along the deflection surface (19) of the pneumatic thread tensioner (T) between at least two different levels, in accordance with the operating cycle of the textile machine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2005

(21) Application No.231/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HARDMETAL COMPOSITIONS WITH NOVEL BINDER COMPOSITIONS

(51) International classification :C22C 1/05
(31) Priority Document No :60/439,838
(32) Priority Date :13/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/021332
Filing Date :08/07/2003
(87) International Publication No :WO/2004/065645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIU, Shaw-Rong, Scott

No of Pages : 48
No of Claims : 66

(57) Abstract :
A Material comprising: Hard particles having a first material; and a binder matrix having a second, different material,a volume of said second material bing from 3% to 40% of a total weight of the binder comprising rhenium in an amount greater than 25% of a total weight of the binder matrix wherein said hard particles are spatially dispersed in said binder matrix in a uniform manner.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2000

(21) Application No.232/MAS/2000 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : A SYNERGISTIC COMPOSITION AND A PROCESS FOR PREPARING THE COMPOSITION FOR MAKING BUILDING BRICKS AND TILES

(51) International classification :B28B 1/00
(31) Priority Document No :09/809,174
(32) Priority Date :16/03/2001
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)T.A. DEVAGNANAM

No of Pages : 161

No of Claims : 8

(57) Abstract :
A synergistic composition for making building bruicks and tiles comprising a mixtrure of (a) 60% to 75% by weight of clay selected from attapulgite, kaolin, bentonite and or a mixture thereof (b), sludge in an amount of from 20% to 40% and (c) 1% to 10% by weight of sand, all percentages being by weight of the total composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2004

(21) Application No.2323/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR TRANDERMAL DELIVERY OF ANDROGEN

(51) International classification :A61K 31/56
(31) Priority Document No :60/374,103
(32) Priority Date :19/04/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/012235
Filing Date :21/04/2003
(87) International Publication No : WO/2003/088974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GYURIK, Robert

No of Pages : 51
No of Claims : 21

(57) Abstract :
A pharmaceutical composition comprising: (A) androgen; (B) a cyclic enhancer of the type used in the compositions and methods claimed by U.S. Patent No. 5,023,252 to Hsieh; and (C) a thickening agent; including, for example, a composition in which the cyclic enhancer is a macrocyclic ester or a macrocyclic ketone; the use of the composition to treat a condition, for example, male hypogonadism, in a patient by applying the composition to the membrane of the patient; and a method for making the composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2004
(21) Application No.2330/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MODIFIED POLYMER MATERIALS INCORPORATING BOEHMITE PARTICLES AND NOVEL BOEHMITE PARTICLES

(51) International classification :C08K 3/22
(31) Priority Document No :60/374,014
(32) Priority Date :19/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/11941
Filing Date :19/04/2002
(87) International Publication No :WO/2003/089508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MIRLEY, Christopher, L.
3)TANG, Hui

No of Pages : 16
No of Claims : 38

(57) Abstract :
This invention relates to a modified polymer material having a polymer base and needle-shaped boehmite particles dispersed therein. The needle-shaped particles have an aspect ratio of at least 3: I wherein aspect ratio is the ratio of the longest dimension to the next largest dimension. Boehmite particles having the above I specified needle shape are novel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2004
(21) Application No.2364/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND DEVICE FOR CONTROLLING THE AIR CONDITION IN A ROOM WHERE SPINNING PROCESS IS PERFORMED

(51) International classification :D01F 2/00
(31) Priority Document No :102 13 007.8
(32) Priority Date :22/03/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/002426
Filing Date :10/03/2003
(87) International Publication No : WO/2003/080906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ECKER, Friedrich

No of Pages : 35
No of Claims : 26

(57) Abstract :
A method for controlling the air condition at least section-wise in a room, in which a spinning process is performed in a spinning area open with respect to the opposite room, whereby endless molded articles are extruded from a spinning mass containing water, cellulose and tertiary amine oxide in the spinning area and the extruded endless molded articles are air quenched with a gaseous substance stream in an air gap prior to their immersion in a precipitating bath, and whereby the spinning plant can be inspected and maintained by operating staff staying in a staying area adjacent to the spinning area, and whereby the method comprises the following step, at least one of the exhaust air from the or the additional air into the room is controlled by taking the gaseous substance stream into account, such that predetermined room air conditions are adjusted in at least one of the spinning area or the maintenance area.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2005

(21) Application No.2369/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING THE TILT OF AN OPTICAL DISC.

(51) International classification	:G11B 7/095
(31) Priority Document No	:03100760.2
(32) Priority Date	:24/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/000831
Filing Date	:10/03/2004
(87) International Publication No	:WO/2004/086386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ANDERSEN, Ole, Klembt

No of Pages : 22
No of Claims : 20

(57) Abstract :
A method and device for measuring the tilt in an optical disc drive (1) is disclosed. The optical disc drive (1) comprises two lasers (31, 41) generating two laser beams (32, 42) having mutually different optical characteristics. One of these laser beams (32) is continuously ON, and is used for writing or reading data to or from the disc. The other laser beam (42) is repeatedly switched ON and OFF. Tilt is measured by comparing a normalized error signal (RES(ON)) during the ON-phase (TON) with a normalized error signal (RES(OFF)) during the OFF-phase

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2004

(21) Application No.2409/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ISOQUINOLINE DERIVATIVES

(51) International classification :C07D 217/24
(31) Priority Document No :02009253.2
(32) Priority Date :26/04/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP03/03845
Filing Date :14/04/2003
(87) International Publication No :WO/03/91219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)SCALONE, Michelangelo
4)THOMAS, Andrew, William
5)WYLER, Rene

No of Pages : 76
No of Claims : 25

(57) Abstract :
This invention relates to isoquinolino derivatives of the general Formula (I) wherein Y is >C=O or CH2-, Z is >C=O or CH2-, and R1, R2 and m are as defined in the specification, as well as their pharmaceutically acceptable salts. The invention further relates to medicaments containing these compounds, a process for their preparation as well as their use for preparation of medicaments for the treatment or prevention of diseases in which MAO-B inhibitors might be beneficial.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2004

(21) Application No.2437/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GAS-INSULATED SWITCHGEAR

(51) International classification :H02B 13/035
(31) Priority Document No :2002-317557
(32) Priority Date :31/10/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/03167
Filing Date :17/03/2003
(87) International Publication No :WO 04/040729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 4

(57) Abstract :
For simple structure and easy manufacture, module tanks have a common standardized size so that the same tank is applicable even when the components to be accommodated are changed. The basic structure of the module is arranged so that all of the interrupter, the disconnector with the grounding switch, the bus bar bushing, the cable connecting bushing and the gas section spacer can be mounted, and necessary main circuit components depending upon the circuit to be used are left behind and unnecessary main circuit components are short-circuited by a short-circuiting conductor, and that the tank opening portions are either left un-worked during manufacture or closed by a cover. The bus bar bushings and the cable connecting bushings are attached at the rear face of the tank and the gas section spacer is disposed on the top or bottom face of the tank. A lightning arrester in lieu of interrupter may be accommodated within an insulating cylinder housing the main circuit of the interrupter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2004

(21) Application No.2438/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LOCKING FASTENER

(51) International classification :F16B 39/26
(31) Priority Document No :PCT/JP02/04374
(32) Priority Date :01/05/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP02/06097
Filing Date :19/06/2002
(87) International Publication No :WO 03/093691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YAMADA, Fusao

No of Pages : 50
No of Claims : 20

(57) Abstract :
A locking fastener, comprising: a bolt; a washer in which a base portion has a bolt through-hole that is slightly larger than a nominal diameter of the bolt, characterized in that it comprises a conical barrel member whose diameter decreases toward an upward position in a bolt axial direction is formed around said bolt through- hole so as to stand therefrom, and a continuous slit for a notched circle is formed in said base portion and said conical barrel member; and a nut in which a conical hole portion is formed over a female screw portion that is screwed with a screw portion of said bolt, said conical hole portion being constructed in a manner such that a diameter of an inner periphery of a half portion which does not face said washer is set to be smaller than that of an outer periphery of a front edge portion of said conical barrel member, a diameter of an opening of a half portion on the side which faces said washer is set to be smaller than that of an outer periphery of a root portion of said conical barrel member, a height is slightly higher than that of said conical barrel member of said washer, a tapered surface of a same inclination angle as that of said conical barrel member of said washer is formed, and a part of said conical barrel member of said washer is constructed as a thick portion which is slightly decentered from a center of a circle of said bolt through-hole.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2004

(21) Application No.2451/CHENP/2004 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM FOR MANAGING DATA INTEGRATED IN A PROTOCOL

(51) International classification :G06F 19/00
(31) Priority Document No :02/05468
(32) Priority Date :30/04/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR03/01349
Filing Date :29/04/2003
(87) International Publication No :WO 03/094084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 8

(57) Abstract :
The invention concerns a data management method, each information concerning a first entity and having been generated by a second entity. It comprises: means (12) for generating at least one event inseparably assembling in a common elementary data: an information concerning the first entity, an identifier of the first entity, and an identifier of the second entity; and means (44B) for automatically generating, in accordance with the specifications of said protocol, at least one event corresponding to a subsequent operation to be performed depending on the result of an analysis of the or each information contained in at least a prior event in accordance with criteria particular to a predetermined protocol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2000
(21) Application No.257/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SYSTEM FOR COLLECTING TOLL

(51) International classification :G05B 15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 10
No of Claims : 7

(57) Abstract :
The present invention relates to a system for collecting toll comprising at least two toll booths at entry point and exist point with entry and exit barriers. Each toll booth comprising a stack of SMART card for writing data on it and reading data therefrom, a SMART card reader cum writer for reading and writing data from and on the SMART card. The output of the SMART card writer cum reader is connected to a computer with a CPU, a key board and a monitor, an actuating mechanism connected for operating the barriers in response to a command signal from the computer and a wide area network interface through which the computers in each toll booth and a central control console are connected in a wide area network.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2005

(21) Application No.2690/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CMOS-COMPATIBLE INTEGRATION OF SILICON-BASED OPTICAL DEVICES WITH ELECTRONIC DEVICES

(51) International classification :G02F
(31) Priority Document No :60/464, 491
(32) Priority Date :21/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/012236
Filing Date :21/04/2004
(87) International Publication No :WO/2004/095112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)MONTGOMERY, Robert, Keith ;
5)SHASTRI, Kalpendu;
6)PATHAK, Soham ;
7)YANUSHEFSKI, Katherine, A.;

No of Pages : 17
No of Claims : 12

(57) Abstract :
A conventional CMOS fabrication technique is used to integrate the formation of passive optical devices and active electro-optic devices with standard CMOS electrical devices on a common SOI structure. The electrical devices and optical devices share the same surface SOI layer (a relatively thin, single crystal silicon layer), with various required semiconductor layers then formed over the SOI layer. In some instances, a set of process steps may be used to simultaneously form regions in both electrical and optical devices. Advantageously, the same metallization process is used to provide electrical connections to the electrical devices and the active electro-optic devices

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2006
(21) Application No.288/CHE/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS AND METHOD FOR CO2 RECOVERY

(51) International classification :B01D 53/02
(31) Priority Document No :2005-047857
(32) Priority Date :23/02/2005
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MIMURA, TOMIO
4)YAGI YASUYUKI

No of Pages : 32
No of Claims : 8

(57) Abstract :
An apparatus and a method for recovering C02 are provided in which an energy efficiency is improved. The 5 apparatus for recovering CO2 includes a flow path (6, 16, 26) for returning extracted, temperature risen aemi-lean solution into a regeneration tower (1008) wherein at least a part of the semi-lean solution obtained by removing a partial C02 from a rich solution (1007) infused in a 10 regeneration tower from an upper part of the regeneration tower (1008) is extracted, raised its temperature by heat exchanging with a high-temperature waste gas in a gas duct (1001a) of an industrial facility such as a boiler (1001), and then returned into the regeneration tower (1008).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2005

(21) Application No.2966/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OPTICAL PICK-UP UNIT

(51) International classification :G11B 7/09
(31) Priority Document No :0310927.9
(32) Priority Date :13/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2004/001677
Filing Date :06/05/2004
(87) International Publication No :WO/2004/102549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAROLD-BARRY, John, A.;

No of Pages : 11
No of Claims : 13

(57) Abstract :
The present invention provides for an optical pick-up unit having a lens arrangement for driven movement in the direction of an optical disk, a counterweight mass member mounted in a manner so as to be moveable in the direction of the disk when the optical pick-up unit experiences an impact force, such as, for example, if it is dropped, the mass and lens arrangement each having respective engagement formations arranged to achieve contact during movement of the lens arrangement and the mass member in the relative direction of the disk such contact serving to arrest the movement of the lens arrangement in the said relative direction of the disk.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2005

(21) Application No.2982/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DVD PLAYER ENHANCEMENT

(51) International classification :G11 B 20/12
(31) Priority Document No :0311141.6
(32) Priority Date :15/05/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2004/001563
Filing Date :10/05/2004
(87) International Publication No :WO/2004/102562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FOSTER, Jonathan, C.
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No of Pages : 15
No of Claims : 12

(57) Abstract :
An extended DVD system includes a DVD player 2 capable of playing disks 6 with extended application capabilities. On inserting a disk, a DVD video virtual machine (VM) 20 is started from a platform-independent execution environment (18), which reads the video content from the disk and provides an audiovisual display based on that content. The DVD video VM 20 determines when specified events occur and calls back to the platform-independent execution environment 18, which causes commands to be executed such as a separate application stored on the DVD disk 6.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2005

(21) Application No.3007/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM FOR VISUALISATION OF OPTICAL MARKINGS ON AN OPHTHALMIC LENS, STAMP-MARKING DEVICE AND METHOD FOR ORIENTATION OF LENSES USING SUCH A SYSTEM

(51) International classification	:B24 B 13/005
(31) Priority Document No	:03/04654
(32) Priority Date	:14/04/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/000843
Filing Date	:05/04/2004
(87) International Publication No	:WO/2004/091858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NACCARATO, Joseph,

No of Pages : 18
No of Claims : 14

(57) Abstract :
The system (9) comprises a light source (10) providing an incident beam (11) of light for illuminating the ophthalmic lens (2). Within the optical path of the incident beam (11), reflecting means (15) are arranged below the ophthalmic lens (2) and a collimating and magnifying lens (14) is arranged above the ophthalmic lens (2). A camera (13), the lens (14), the ophthalmic lens (2) and the reflecting means (15) are arranged on the same principal optical axis (S). The reflecting means (15) comprise a number of plane reflecting faces (16), arranged in the form of at least one corner of a cube open in the direction of the ophthalmic lens (2). The plane faces (16) can form a matrix of adjacent cube corners made from plastic material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2002

(21) Application No.326/MAS/2002 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PURINE DERIVATIVES, A PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification :A61K 31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :775/MAS/2000
Filed on :18/09/2000

(71)**Name of Applicant :**
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2)Milind Vasanth RANGAISHANVI
3)Yeleswarapu Koteshwar RAO
4)Balachandra Shankar BANDODKAR

No of Pages : 70
No of Claims : 9

(57) Abstract :
The invention provides purine derivatives, processes for their preparation, compositions containing them and their use in therapy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2000
(21) Application No.328/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR ADAPTIVE DIVERSITY COMBINING FOR WIDE BAND CODE DIVISION MULTIPLE ACCESS

(51) International classification	:H04L 25/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GEORGE DILEEP

No of Pages : 14
No of Claims : 4

(57) Abstract :
The present invention provides a method for adaptive diversity combining for Wide Band Code Division Multiple Access (W-CDMA) comprising: - splitting multi-path interference into Iknown and Iunknown components, - precomputing said Iknown interference components, - iteratively estimating channel interference after removing components of the multi-path interference from the pilot symbols, - using the convergence/divergence of the iteration as an indicator of the channel condition, and - selecting the combining technique (MRC or EGC) automatically depending on the channel condition. The instant invention also provides a system and configured computer program product for carrying out the above method.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2001

(21) Application No.332/MAS/2001 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUMATIC REGULATED WATER TAP

(51) International classification	:F16K 21/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PALLA VIJAY KUMAR

No of Pages : 9

No of Claims : 3

(57) Abstract :
This invention relates to an automatic regulated water tap characterised in that a first platform (1) mounted on a small helical spring (2) rested on the base plate (3) of a second platform (4) being disposed in an outer body of the tap (5), a big helical spring (6) is provided below the base plate (3) of said second platform (4) such that the lower end of said spring being rested on the bottom base of said body (5), a first connecting rod (7) having a gate valve (8) secured at the lower end thereof being secured to the lower surface of said first platform (1) such that to allow the water supply to the outlet of the tap upon placing an empty pot onto said first platform (1), a second rod (10) having a stop valve (11) secured therewith being provided with the lower end of said gate valve (8) such that to stop the water supply from the main water pipe line (12) to the tap upon filling the water into said pot to a predetermined weight of water.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2000

(21) Application No.337/MAS/2000 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : WIRELESS MULTIPLEXED ENERGY METER READING SYSTEM AND POWER THEFT DETECTION WITH FULL REMOTE CONTROL

(51) International classification	:G01R 11/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)M.U.MAHESH

No of Pages : 12

No of Claims : 19

(57) Abstract :
This single Micro controller based Digital energy meter system can calibrate the power consumption of many number of consumers through wireless network (1) and transmit to the department through wireless network (2), so it is named as WIRELESS MULTIPLEXED ENERGY METER SYSTEM shown in figure (2). This multiplexed energy meter is used to install in the electrical pole or in the Pillar-box to read the current consumed by the group of consumers. If anybody tries to tamper the power or any malpractice in any part of the power line this system gives immediate information to your mobile phone by making a call immediately and stores the data in the system registry. This system is helpful to find the exact location of power theft or losses and stores in the system database in the billing section. No need of many Assessors to go to every house to collect the electrical power readings consumed by the consumer. Using a dedicated wireless network (2) or mobile phone network or telephone line network we can read the electrical energy consumed by the group of consumers. This system has inbuilt battery backup and automatic charging system helps during power fails and informs to the department automatically. Every multiplexed energy meter system has a unique password code number, which is used to control by the authorized personal only. All types of sensors or detectors can be interfaced through wireless or GSM / CDMA based network system or telephone line network etc. Since, I used the dedicative mobile phone or wireless network (2) and any one of the consumers telephone line network to communicate to the billing department of the organization we can find the power theft easily at particular location. This system of monitoring the collecting of consumed readings and controlling the power supplies of consumers and Grid controls are equipped with any type of Latest Technology during the period of implementing this project.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.347/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/04/2001

(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUTOMATIC DEVICE FOR PREVENTING LEAKAGE IN THE PIPE LINES

(51) International classification	:G01M 3/04	(71)**Name of Applicant :** **1)PALLA VIJAY KUMAR** Address of Applicant :PLOT NO 634,ARILOUA,BHARAT NAGAR,VISAKHAPATNAM-530 040 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)PALLA VIJAY KUMAR**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :

"An automatic device for preventing leakage in the pipelines". This invention relates to an automatic device for preventing leakage in the pipelines comprising an upper hollow vertical cylinder(A) being connected to a lower hollow cylinder (B) by means of screwed fasteners (F), a spring operated machanism(M) horizontal connecting rod R provided on the to being mounted on the and F2) disposed in the to top ends of the values (F1 and F2) portion of said u cylinder. A Peer hollow vertical a platform P being mounted on the upper (F1 and F2) pper ends of the disposed in the middle portion of said vertical cylinder A, the top end of said upper cylinder A being dis ose alternative pipeline (N2 P din an) provided towards the top end of said upper vertical cylinder A and the bottom end of said lower hollow vertsed cylinder B having set of valves (G1 and G2 & H1 and H2) disposed therein being provided within an alternative pipeline (N2) towards the bottom end of said lower vertical cylinder B.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2001
(21) Application No.349/MAS/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUTOMATIC LIQUID FEED DISPENSER

(51) International classification :A01K 5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PALLA VIJAY KUMAR

No of Pages : 9
No of Claims : 8

(57) Abstract :
This invention relates to an automatic liquid feed dispenser characterized in that a tank (1), liquid feed dispenser (2) secured therewith at the bottom surface, inside tank (1), an air carrying tube (4) being provided periphery of the liquid feed dispenser (2), such that to be connected with feed reservoir (6) provided above said dispenser (2), a feed carry tube (7) connected to the bottom end of the said reservoir (6) being provided such that to supply the feed into said reservoir (6) for supplying the same into the tank (1), a sight glass (9) is provided at one side of said reservoir (6) for the observation of the level of the liquid feed contained in the reservoir (6) and a drain pipe is provided at the bottom end of said reservoir for cleaning purposes as and when required.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2005

(21) Application No.363/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APROCESS FOR PREPARING (1S)-1-ISOBUTOXYMETHYL-3-METHYLBUTYL-AMINE

(51) International classification :C07C 213/08
(31) Priority Document No :2002-265335
(32) Priority Date :11/09/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/011468
Filing Date :09/09/2003
(87) International Publication No :WO/2004/024672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKAHASHI, Toshihiro
3)YAMAKAWA, Tomio

No of Pages : 8
No of Claims : 2

(57) Abstract :
The present invention relates to a process for preparing (1 S)-1isobutoxymethyl-3-methylbutyl- amine having the following formula: which comprises the steps of: reacting L-leucinol and a compound having the following formula: in which X is a leaving group, in the presence of a base, to give a (1S)-1-(2-methyl-2-propenoxymethyl)-3-methylbutylamine, and reducing the (1 S)-1 -(2-methyl-2-propenoxymethyl)-3-methylbutylamine in a solvent not participating in the reducing reaction, at a hydrogen pressure of 1 to 100 atm., using a catalyst for catalytic reduction of a double bond.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2005

(21) Application No.370/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND A SYSTEM FOR EVALUATING THE HBA1C LEVEL

(51) International classification	:G0F 1/00	(71)**Name of Applicant :**
(31) Priority Document No	: 60/402,976	**1)UNIVERSITY OF VIRGINIA PATENT FOUNDATION**
(32) Priority Date	:13/08/2002	Address of Applicant :1224 West Main Street, Suite 1-110,
(33) Name of priority country	:U.S.A.	Charlottesville, VA 22903 U.S.A.
(86) International Application No	:PCT/US2003/025053	(72)**Name of Inventor :**
Filing Date	:08/08/2003	**1)KOVATCHEV, Boris, P.**
(87) International Publication No	:WO/2004/015539	**2)COX, Daniel, J.**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 101
No of Claims : 111

(57) Abstract :
A method, system, and computer program product related to the maintenance of optimal control of diabetes, and is directed to predicting the long-term exposure to hyperglycemia, and the long-term and short-term risks of severe or moderate hypoglycemia in diabetics, based on blood glucose readings collected by a self-monitoring blood glucose device. The method, system, and computer program product pertain directly to the enhancement of existing home blood glucose monitoring devices, by introducing an intelligent data interpretation component capable of predicting both HbA1c and periods of increased risk of hypoglycemia, and to the enhancement of emerging continuous monitoring devices by the same features. With these predictions the diabetic can take steps to prevent the adverse consequences associated with hyperglycemia and hypoglycemia

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2006

(21) Application No.38/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : THIN FOAMED POLYETHYLENE SHEETS

(51) International classification :C08J 9/00
(31) Priority Document No :60/485,292
(32) Priority Date :07/07/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/21173
Filing Date :30/06/2004
(87) International Publication No :WO 05/007729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 23

(57) Abstract :
The present invention relates to the use of particular blends of LLDPE and LDPE together with specific fabrication conditions to make foamed sheets of thin gauge with MD tear properties similar to an equivalent gauge non-foamed sheet of the same composition. In particular, blends which combine a high MI LLDPE rich fraction with a low MI branched LDPE minor fraction provide the adequate balance of mechanical strength of the polyumer base with its melt strength, extensibility and stress relaxation, allowing a thin foam film with MD tear strength which is comparable to non foamed counterparts of similar gauge and composition. The foamed films of the present invention are thin (generally from about I to 10 mils thick), and have an MD tear strength of at least about 160 grams for a 3 mil film as measured by ASTM D 1922. The foamed films of the present invention are preferably made at least in part from blends which comprise from 10 to 95 percent by weight of LLDPE having a relatively high (1.5 to 6) MI and from 5 to 90 percent of an LDPE resin having a relatively low MI (0.5 to 2.0).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2005
(21) Application No.391/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PROVIDING A CATALYTIC MATERIAL

(51) International classification :B0J2 9/89
(31) Priority Document No :10/244,527
(32) Priority Date :17/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No : PCT/EP2003/010287
Filing Date :16/09/2003
(87) International Publication No :WO/2004/026467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 17

(57) Abstract :
The present invention relates to a process for providing a catalytic material in the form of a shaped body containing at least one zeolite and being at least partly crystalline comprising the steps (I) at least partial crystallization of at least one solid material containing at least one zeolite out of a synthesis mixture, resulting in mixture (I) containing at least said solid material and a mother liquor; (II) separating and/or concentrating of the solid material in mixture (I); (S) shaping said solid material into a shaped body; (C) calcining said solid material or said shaped body; wherein said solid material or the shaped body is in a step (W) brought in contact with a composition containing water after step (C) of calcining said solid material or said shaped body, wherein separating and/or concentrating in (II) is carried out by a method selected from the group consisting of filtration, ultrafiltration, diafiltration, centrifuge methods, spray drying and spray granulating, and wherein the shaping of the solid material in step (S) is selected from the group consisting of pelleting, pressing, extruding, sintering, roasting and briquetting.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2000
(21) Application No.401/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TWO-COMPONENT BINDER SYSTEM FOR THE PRODUCTION OF FOUNDRY MOULDS AND CARES.

(51) International classification :C08F 220/68
(31) Priority Document No :19925115.0
(32) Priority Date :01/06/1999
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DIETER BARTSCH
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No of Pages : 26
No of Claims : 14

(57) Abstract :
A two-component binder system which consists of a phenol resin component and a polyisocyanate component is described. The phenol resin component comprises a phenol resin having at least two OH groups per molecule and the polyisocyanate component comprises a polyisocyanate having at least two isocyanate groups per molecule. At least the phenol resin component contains a solvent. In the novel binder system, the solvent for the phenol resin comprises a substance which is selected from the group which comprises alkyl silicates, alkyl silicate oligomers and mixtures thereof, and/or the polyisocyanate component contains a solvent which comprises such a substance. The preferred alkyl silicate here is tetraethyl silicate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2005
(21) Application No.421/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF VALSARTAN

(51) International classification :C07D 257/04
(31) Priority Document No :0222056.4
(32) Priority Date :23/09/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP03/10543
Filing Date :22/09/2003
(87) International Publication No : WO/04/026847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 45
No of Claims : 10

(57) Abstract :
The present invention relates to a process for the manufacture of Valsartan, an angiotensin receptor blocker (ARB; also called angiotension II receptor antagonist or AT1 receptor antagonist) and salts thereof, to novel intermediates and process steps.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2000
(21) Application No.44/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF SUPER POZZOLAN FROM ASH (INCLUDING FLY ASH) OBTAINED BY THE COMBUSTION OF COAL OR COKE AND SUPER POZZOLAN OBTAINED BY THE SAID PROCESS

(51) International classification	:C04B 18/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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No of Pages : 11
No of Claims : 6

(57) Abstract :
A process for the manufacture of super pozzolan from ash (including flyash) obtained by the combustion of coal or coke comprisesg the steps of separating the silica and alumina present as phase A in the said ash from the silica and alumina present as reactive phase B in the said ash, by separation means, such as (i) air classification (ii) hydro-cycloning (iii) flotation (iv) sieving. The separated reactive phase B so obtained is ground, if necessary, to a fineness necessary for rendering the said reactive phase B super pozzolanic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2000
(21) Application No.459/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUDIO DECODING DEVICE

(51) International classification	:H04B 14/04
(31) Priority Document No	:HEI. 11-222196
(32) Priority Date	:05/08/1999
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DAISUKE OKUNO

No of Pages : 73
No of Claims : 18

(57) Abstract :
An audio decoding device comprising reception processing means for receiving a signal from a transmission line as a received signal; demodulation processing means for demodulating the received signal that is received by the reception processing means into coded data; soft decision information generating means for generating a soft decision information indicating a current situation of the transmission line, based on coded data which are demodulated by the demodulation processing means; error correction processing means for decoding the coded data to output a audio code and also outputting interpolation process information based on the coded data if it is decided that an un-correctable error is added to the coded data which are demodulated by the demodulation processing means; audio decoding processing means for reading interpolation information in a preceding frame based on interpolation process information concerning to the audio code characterized in that the application of the interpolation process to the audio code in the unit of bit based on interpolation information and soft decision information, and then generating audio data by decoding the audio code which is subjected to the interpolation process if the audio code associated with the code data, to which the un-correctable error is added, is received from the error correction processing means; and audio output processing means for outputting the audio data generated by the audio decoding processing means.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2000
(21) Application No.466/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : REAR UNIT STRUCTURE FOR MOTORCYCLE

(51) International classification :B60G 7/00
(31) Priority Document No :11-169368
(32) Priority Date :16/06/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 11

(57) Abstract :
A rear unit structure in a motorcycle having a swing arm, comprising at least one of an air cleaner mechanism and a muffler mechanism incorporated in the swing arm of the motorcycle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2001

(21) Application No.492/MAS/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ALKALI-FREE AND CHLORIDE-FREE SETTING AND HARDENING ACCELERATOR AND A METHOD FOR ITS PRODUCTION

(51) International classification :C04B 22/06
(31) Priority Document No :00113018.6
(32) Priority Date :21/06/2000
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 17

(57) Abstract :
The present invention relates to an alkali-free and chloride-free setting and hardening accelerator for hydraulic binders comprising at least one water soluble fluoride comprising aluminum salt and at least one water soluble sulfate comprising aluminum salt. The invention also relates to a method for producing the accelerator and to a method for accelerating the setting and hardening of binders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2000
(21) Application No.493/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN EQUIPMENT AND DEVICE INTENDED FOR MEASUREMENT OF AN EFFLUENT RESULTING FROM A CHEMICAL REACTION

(51) International classification	:G01N 31/10
(31) Priority Document No	:99/08.282
(32) Priority Date	:28/06/1999
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DEVES JEAN-MARIE

No of Pages : 23
No of Claims : 8

(57) Abstract :
An equipment intended for measurement on an effluent resulting from a chemical reaction taking place in a reactor containing a catalyst, characterized in that it comprises in combination at least two reactors, means for injecting at least one feedstock into each reactor, means intended for gas and liquid phase separation downstream from each reactor, distribution means for sending the gas phase coming from the separation means to first analysis and measuring means while the other gas phases coming from the other separators are discharged, second analysis and measuring means intended for the liquid phase coming from the separation means, means intended for automatic monitoring and control of the chemical reaction in said reactors, of the cycle of analysis and measurement performed on the gas phase and of the cycle of analysis and measurement performed on the liquid phase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2000
(21) Application No.496/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN EQUIPMENT AND METHOD INTENDED FOR MEASUREMENT ON AN EFFLUENT RESULTING FROM A CHEMICAL REACTION

(51) International classification :G01N 31/10
(31) Priority Document No :99/08.281
(32) Priority Date :28/06/1999
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERNHARD JEAN-YVES
3)CHATELAIN BERNARD
4)TOUTANT PIERRE
5)BRANDELY JOSE
6)MME GUITTON CORINNE

No of Pages : 24
No of Claims : 7

(57) Abstract :
An equipment intended for measurement on an effluent resulting from a chemical reaction taking place in a reactor containing a catalyst, characterized in that it comprises in combination at least two reactors, means for injecting at least one feedstock into each reactor, distribution means for sending the effluent coming from one of the reactors to analysis and measuring means while the other effluents coming from the other reactors are discharged, means for controlling the pressure and the temperature of said effluent in the circuit contained between downstream from the reactors and upstream from the analysis means, including said distribution means, means intended for automatic monitoring and control of the chemical reaction in said reactors and of the cycle of analysis and measurement on the effluent produced by said reaction.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2000
(21) Application No.498/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ROAD ANTENNA APPARATUS

(51) International classification	:G01 S13/92
(31) Priority Document No	:HEI.11-184170
(32) Priority Date	:29/06/1999
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YOSHITERU HIRANO
3)MAKOTO TAKEMOTO
4)AKIHIRO INUI

No of Pages : 64
No of Claims : 7

(57) Abstract :
A road antenna apparatus includes a road antenna 104 which is mounted on a post 103 and at an elevated position on a road R and establishes radio communication with an on-vehicle radio device 102 mounted in a vehicle 101 which is traveling over the road; and a laser-beam emitting device 111 which is mounted on the road antenna and radiates a laser beam onto a predetermined position 113 on the surface of the road. An offset in the angle at which a road antenna is mounted can be readily ascertained on the basis of a distance between a predetermined position on the surface of the road and a position 114 on the road surface onto which a laser 1,01 beam is actually radiated.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2000
(21) Application No.499/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PRODUCING OXYGEN-CONTAINING COMPOUNDS CONTAINING AT LEAST ONE OXYGEN ATOM BONDED TO TWO DISTINCT CARBON ATOMS WHICH ARE NOT BONDED TOGETHER AND NOT INCLUDING A MULTIPLE BOND

(51) International classification	:C07C 41/00
(31) Priority Document No	:99/08.443
(32) Priority Date	:29/06/1999
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 18
No of Claims : 17

(57) Abstract :
The present invention relates to a process for producing oxygen-containing compounds containing at least one oxygen atom bonded to two distinct carbon atoms which are not bonded together and not comprising a multiple bond, characterized in that said method comprising the step of a) catalytic hydroformylating a feed comprising at least one olefin containing four to seven carbon atoms to at least one aldehyde at a temperature in the range about 100Â°C to 200Â°C, and at a total pressure in the range about 10 to 50 Mpa b) hydrogenating the said aldehyde to at least one corresponding alcohol, and at a temperature in the range about 100Â°C to 300Â°C and at a partial pressure of hydrogen in the range about 10 to 30 Mpa c) at least partially transforming the at least one alcohol obtained from step b) into a mixture of products comprising the at least one oxygen-containing compound containing at least one oxygen atom bonded to two distinct carbon atoms which are not bonded together and not comprising a multiple bond.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2000

(21) Application No.503/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONJUGATE COMPRISING ERYTHROPOIETIN DERIVATIVES

(51) International classification	:A61K 47/48
(31) Priority Document No	:60/142,254
(32) Priority Date	:02/07/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 31
No of Claims : 27

(57) Abstract :
The present invention refers to conjugates of erythropoietin with poly(ethylene glycol) comprising an erythropoietin glycoprotein having at least one free amino group and having the in vivo biological activity of causing bone marrow cells to increase production of reticulocytes and red blood cells and selected from the group consisting of human erythropoietin and analogs thereof which have sequence of human erythropoietin modified by the addition of from 1 to 6 glycosylation sites or a rearrangement of at least one glycosylation site; said glycoprotein being covalently linked to "n" poly(ethylene glycol) groups of the formula -CO-(CH2)X(OCH2CH2)m OR with the carbonyl of each poly(ethylene glycol) group forming an amide bond with one of said amino groups; wherein R is lower alkyl; x is 2 or 3; m is about 450 to about 900; n is from 1 to 3; and n and m are chosen so that the molecular weight of the conjugate minus the erythropoietin glycoprotein is from 20 kilodaltons to 100 kilodaltons

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2006
(21) Application No.513/CHENP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR DEWATERING SLUDGE AND THE SLUDGE THUS DEWATERED

(51) International classification :C02F 11/14
(31) Priority Document No :2003/0401
(32) Priority Date :11/07/2003
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP04/51422
Filing Date :08/07/2004
(87) International Publication No :WO 2005/014495 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JUDENNE, Eric
3)ROHMANN, MATTHIAS

No of Pages : 20
No of Claims : 11

(57) Abstract :
The invention concerns a method for dehydrating sludge, comprising adding a basic agent to sludge having a pH not more than 8, adding to the sludge at least one organic flocculating constituent, by adding said basic agent, increasing the sludge pH to a value not more than a pH at which occurs degradation of said at least one organic constituent, flocculating the sludge and separating in the flocculated sludge dehydrated sludge from a liquid phase, said basic agent being a magnesian limestone compound of formula xCaCO3,(l -x)[yMg(OH)2 + (1 -Y) MgO], wherein 0,45:= x = 0,75, and 0 = y =, the treated sludge having, until after said separation, said value less than a pH at which occurs degradation of said at least one organic constituent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2003
(21) Application No.516/MAS/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WATER LEVEL INDICATOR

(51) International classification :G01F 23/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 6
No of Claims : 6

(57) Abstract :
A water level indicator comprises a sensor adapted to be connected one of its end to a cable which is wound on a rolatable wheel mounted on a stand, the other end of said cable is connected to a circuit having means for an audio and video signals, this circuit having means being connected to the power supply means -fixed on said wheel, a handle being provided with said wheel for facilitating winding and unwinding of said cable thereon.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2000
(21) Application No.523/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF OPTIMIZING THE METERING OF CHARGE-REVERSAL AGENT INTO BROKE

(51) International classification :D21C 5/02
(31) Priority Document No :99113940.3
(32) Priority Date :16/07/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 7

(57) Abstract :
The present invention relates to a method of optimizing the metering of chargereversal agent into broke in the form of a suspension of fibres from paper treated in a coating machine and to be reintroduced into the production line, characterized in that a partial stream is branched off from the main broke flow, the volume flow of the main stream and the partial stream is measured, the turbidity of the partial stream is determined, downstream thereof the charge-reversal agent is added in a quantity that varies with time and, following that, the turbidity is again measured, in that the optimal metering rate is determined from the change in turbidity caused by the chargereversal agent, and the said metering is carried out in the main stream in proportion to the mass or volume flows.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2000

(21) Application No.536/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COSMETIC COMPOSITION FOR PREVENTING TANNING AND FOR LIGHTENING SKIN AND HAIR

(51) International classification :A61K 7/40
(31) Priority Document No :1281/99
(32) Priority Date :12/07/1999
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 66
No of Claims : 14

(57) Abstract :
This invention relates to a cosmetic composition to prevent tanning skinned hair lightening containing micronized UV filters. The micronized UV filters used according to the invention cover a broad UV spectrum and therefore have excellent sunscreen properties.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2000
(21) Application No.545/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF GAS SHIELDED ARC WELDING STEEL RAILS

(51) International classification :B23K 009/09
(31) Priority Document No :09/354,423
(32) Priority Date :16/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 33
No of Claims : 33

(57) Abstract :
The present invention relates to a method of gas shielded arc welding steel rails each having a lower base, a vertically extending web and an upper head, the steel rails having laterally extending end faces longitudinally spaced apart to provide a base gap, a web gap and a head gap to be filled with steel to join said steel rails, each of the base gap, the web gap and the head gap have laterally opposite ends, said method comprising the steps of filling said base gap, said web gap and said head gap with a molten steel from a filler metal electrode by a gas shielded electric arc welding process, said filling of said head gap comprising the continuous and sequential moving of said electrode along longitudinally adjacent paths extending between laterally opposite ends of said head gap, each path having starting and ending ends at a different one of said opposite ends of said head gap, said electrode delayed in at the starting end of each said path for a preselected period of time.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2003
(21) Application No.549/CHE/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE SELECTIVE HYDRODESULFURIZATION OF OLEOFINIC NAPHTHA STREAMS

(51) International classification	:C10G 65/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 20
No of Claims : 13

(57) Abstract :
A process for the hydrodesulfurization of cracked olefin streams is described, the process aiming at reducing the sulfur content while at the same time minimizing the hydrogenation degree of said olefins. In order to dilute the added reaction hydrogen, the process makes use of non-reactive compounds such as N2, CH4, C21-16, C31-18, C4H10, CO2, group VIII noble gases as well as admixtures of same in any amount, in gas or vapor phase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2000
(21) Application No.549/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR DEPOSITING MOLTEN METAL FROM AN ADVANCING WELDING WIRE

(51) International classification :B23K 009/09
(31) Priority Document No :09/356,837
(32) Priority Date :19/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 28
No of Claims : 38

(57) Abstract :
A method of depositing molten metal from an advancing welding wire to form a root pass of weld metal in the bottom of a gap between first and second metal members having generally flat base elements joined by a metal backing plate extending between said base elements, said method comprising the steps of passing welding current between said welding wire and said metal members from a power supply to create a heat generating welding arc and moving said welding wire in a given direction along selected path over said backing plate, said method characterized in (a) sensing a blow through of said backing plate by said welding arc; (b) reversing said given direction of said welding wire when a blow through has been sensed; and, (c) resuming movement of said welding wire in said given direction along said selected path.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2003
(21) Application No.550/MAS/2003 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR REDUCING THE NAPHTHENIC ACIDITY OF PETROLEUM OILS

(51) International classification :C10G 25/00
(31) Priority Document No :PI0202552-3
(32) Priority Date :05/07/2002
(33) Name of priority country :Brazil
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 19

(57) Abstract :
A process for reducin the naphthenic acidity of petroleum oils, or their liquid fractions, is described, the process comprising a thermal treatment of the petroleum oils, or their liquid fractions, in the presence of an adsorbent the surface of which is covered by high molecular weight carbon compounds. preferred adsorbents are the spent or coked FCCcatalysts.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/1997
(21) Application No.553/MAS/1997 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A COATING COMPOSITION, A PROCESS FOR COATING A SUBSTRATE WITH THE SAME AND A TWO-COMPONENT FILLER"

(51) International classification	:C08K 3/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Petrus Johannes Maria Van KESTEREN
3)Nicolaas Antonius Maria SCHOONDERWOERD

No of Pages : 18
No of Claims : 20

(57) Abstract :
Described is a coating composition comprising an organic compound comprising at least two acetoacetate groups or a combination of these two groups and the oxide of a metal of Group lla of the periodic Table. The metal preferable is calcium or magnesium. The composition may further comprise a compound comprising at least two αβ- ethylenically unsaturated groups and, optionally, catalyst for the reaction of the acetoacetate groups and/or acetamide groups with the αβ- ethylenically unsaturated groups.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/1999
(21) Application No.555/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AMORPHOUS ALLOY STEEL COMPOSITION

(51) International classification :H01F 41/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)VADIM VASILYEVICH SADCHIKOV

No of Pages : 13
No of Claims : 4

(57) Abstract :
This invention relates to an amorphous alloy steel composition for manufacturing amorphous alloy steel with high induction and low electromaganetic loss,said composition comprising a mixture of iron,born and silicon with additives of phosphorous and nickel in the following atomic percentages: a) 7.5 to 11.5 of boron; b) 7.0 to 10.5 of silicon; c)1.0 to 4.0 of phosphorous;d) 0 to 1.5 of nickel ;and e) balance amount of iron.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/1999
(21) Application No.556/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A LAN TRAINER LAB APPARATUS

(51) International classification	:H04L 12/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TIMOTHY ALOYSIUS GONSALVES

No of Pages : 14
No of Claims : 12

(57) Abstract :
A LAN Trainer Lab Apparatus comprises a LAN emulator unit having nodes, delay generators , carrier sensing blocks, collision detecting blocks, bit error generator, frame error generator, token generator& grant block, expansion ports; an intelligent network interface unit, being a PC plug-in card based on hardware and software, connected to the LAN emulator unit; PC software for allowing two independent applications, each with its own window, for accessing the network interface unit and also for controlling experiments via LT-shell, being a graphical user interface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2000
(21) Application No.558/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WORKLOAD MANAGER FOR SERVICING A WORK REQUEST IN A DISTRIBUTED HETEROGENEOUS COMPUTING ENVIRONMENT

(51) International classification	:G06F 11/00
(31) Priority Document No	:09/374,540
(32) Priority Date	:16/08/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MARK FRANCES HULBER

No of Pages : 26
No of Claims : 25

(57) Abstract :
A distributed Java virtual machine method and system for managing distributed heterogeneous network nodes to timely and efficiently meet demand for service requests. Upon receipt of a request for service, Java workload manager (JWLM) of the present invention classifies the request into a particular type of service, places the work on a logical queue to be executed. Routing queues place the work on one of many available nodes. The work is distributed to the nodes based on accounting, availability and past performance of all nodes considered. Changes are made periodically to the system to meet demands for service and/or conserve resources. JWLM of the present invention learns the needs of programs over time and does not require the intervention of a system administrator. The system does not rely on system specific metrics. JWLM may use performance metrics. Additionally, the present invention allows objects to be distributed and run on distributed workstations by distributing work through the cluster of workstations, while behaving as if it were initiated locally on the machine on which it runs. The similar type of work sent to different workstations may have the same class names, and the classpath may hold different implementations of that object at a particular workstation. Thus, at dynamic compilation time, if a platform has a more efficient feature than others, a work unit is dynamically compiled with the more efficient feature.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/04/2005
(21) Application No.559/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A FUSION PROTEIN CAPABLE OF ACTIVATING THE COMPLEMENT SYSTEM

(51) International classification :C12N 15/62
(31) Priority Document No :PA 2002 01328
(32) Priority Date :10/09/2002
(33) Name of priority country :Denmark
(86) International Application No : PCT/DK2003/000585
Filing Date :10/09/2003
(87) International Publication No :WO/2004/024925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEILGUNY, Dietmar
3)MATTHIESEN, Finn

No of Pages : 116
No of Claims : 28

(57) Abstract :
The present invention relates to a fusion protein capable of activating the complement system, the fusion protein comprising a first polypeptide sequence derived from a lectin-complement pathway activating protein or a functional homologue thereof; and a second polypeptide sequence derived from a collectin or a functional homologue thereof; wherein said complement activating protein is not a collectin. A preferred fusion protein comprises amino acids of the L-ficolin sequence of figure 1 and amino acids of the MBL sequence shown in figure 2. The fusion protein is suitable for use in treatment consisting of creation, reconstitution, enhancing and/or stimulating the opsonic and/or bactericidal activity of the complement system, i.e. enhancing the ability of the immune defence to recognise and kill microbial pathogens, and accordingly, the invention relates to a medicament comprising the fusion protein, methods for producing said fusion protein and methods for treating diseases, in particular infections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2000
(21) Application No.560/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE SEPARATION OF LIGHT OLEFINS FROM PARAFFINS

(51) International classification :C07C 7/10
(31) Priority Document No :MI99A 001613
(32) Priority Date :22/07/1999
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)FRANCESCO SAVIANO
4)LAURA PIOVESAN

No of Pages : 24
No of Claims : 9

(57) Abstract :
Process for the separation of light olefins from paraffins contained in mixtures, optionally also containing hydrogen, comprising bringing said mixtures into contact with an aqueous solution of one or more compounds of silver, preferably silver nitrate, and one or more ferric compounds, preferably ferrric nitrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/1999
(21) Application No.570/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AUTOMATIVE REAR PARCEL RACK SUPPORTING STRUCTURE

(51) International classification :B60R 7/08
(31) Priority Document No :152659/1998
(32) Priority Date :02/06/1998
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AKIRO KOBAYASHI

No of Pages : 16
No of Claims : 5

(57) Abstract :
The present invention provides an automotive rear parcel rack supporting structure which can be easily installed to the vehicle and achieves the reduction in weight of inner trim and the improvement in appearance. A supporting structure for an automotive rear parcel rack 12 supports the rear parcel rack 12 disposed at the rear potion of a cabin 30 of an automobile by using a rear parcel rack holder 10 comprising a body 1, an attachment portion 2 for attaching the body 1 to the vehicle, an attachment portion 3 for an inner trim 13, and a support portion 4 for the rear parcel rack 12. In the supporting structure for an automotive rear parcel rack holder 10, the rear parcel rack holder 10 is disposed between the inner trim 13 and a vehicle body 11, and is fixed to the vehicle body 11 by the attachment portion 2 for attaching the body 1 to the vehicle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/1999
(21) Application No.574/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR OPERATING TRANSCEIVER FOR CODE DIVISION MULTIPLE ACCESS COMMUNICATION AND CDMA SYSTEM

(51) International classification	:H04B 7/216
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 20
No of Claims : 22

(57) Abstract :
A system, a transceiver, and methods for code division multiple access (CDMA) communication. The system includes first and second code division multiple access transceivers. The first code division multiple access transceiver has a plurality antennas disposed to provide transmission via a plurality of paths and the second code division multiple access transceiver has a rake arrangement for processing a plurality of signals received at the rake arrangement with differing delays or other characteristics. A driving arrangement is provided for causing the first code division multiple access transceiver a relative few, e.g., to one, of the plurality of antennas. When, however, an indication is obtained that an adequate number of resolvable signals are likely not received at the rake arrangement of the second transceiver, a circuit switches the driving arrangement to cause the first transceiver to use more of the plurality of antennas. In one implementation, the second transceiver sends a feedback signal indicating the number of useful signals being received and the first transceiver responds to the feedback signal by selecting and using a desirable number of transmit antennas. In an implementation suitable for a time-division duplexing (TDD) communication system, the first transceiver obtains the indication by inference from the fact that it is not receiving an adequate plurality of resolvable signals from the second transceiver. When the first transceiver obtains the indication, it drives the increased number of antennas either with respective delays or with different codes of the CDMA type.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2001

(21) Application No.575/MAS/2001 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FRAGRANCE COMPOSITION COMPRISING A MIXTURE OF NITRILES

(51) International classification :A61K 7/46
(31) Priority Document No :00115699.1
(32) Priority Date :21/07/2000
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BACHMANN JEAN-PIERRE

No of Pages : 14
No of Claims : 15

(57) Abstract :
The present invention relates to a fragrance composition comprising a mixture (9E)-undecenonitrile,(9Z)-undecenonitrile and 10-undecenonitrile,which can be combined with additional fragrance ingredient and which is useful in perfumery.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2005
(21) Application No.59/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : N-BISARYL- AND N-ARYL-CYCLOALKYLIDENYL-ALPHA-HYDROXY-AND ALPHA-ALKOXY ACID AMIDES

(51) International classification :C07C 215/64
(31) Priority Document No :0217211.2
(32) Priority Date :24/07/2002
(33) Name of priority country :U.K.
(86) International Application No : PCT/EP2003/008057
Filing Date :23/07/2003
(87) International Publication No :WO/2004/011417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZELLER, Martin
3)GOEGH, Tibor

No of Pages : 34
No of Claims : 12

(57) Abstract :
The invention relates to N-bisaryl- and N-aryl-cycloalkylidenyl-a-hydroxy- and a-alkoxy acetic acid amides of the general formula (I) including the optical isomers thereof and mixtures of such isomers, wherein R1 is hydrogen, C1-C12alkyl; C2-C12alkenyl; C2-C12alkynyl; C1-C12haloalkyl; R2 is hydrogen; optionally substituted alkyl; optionally substituted alkenyl or optionally substituted alkynyl; R3 is optionally substituted aryl or optionally substituted heteroaryl; A is an optionally substituted saturated or unsaturated C3-C8-cycloalkylidene, optionally substituted phenylidene or optionally substituted saturated or unsaturated heterocyclylidene bridge, R4 and R5 are each independently hydrogen or an organic radical, and R6 is hydrogen; tri-C1-C4alkyl-silyl; di-C1-C4alkyl-phenylsilyl; C1-C4alkyl-diphenylsilyl; triphenylsilyl; optionally substituted alkyl; optionally substituted alkenyl or optionally substituted alkynyl. The compounds possess plant-protecting properties and are suitable for protecting plants against infestation by phytopathogenic miroorganism, especially fungi.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2000

(21) Application No.595/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SEPARATION UNIT FOR GRAIN HARVESTING

(51) International classification	:A01F 12/44
(31) Priority Document No	:9922913.0
(32) Priority Date	:29/09/1999
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANDRIE VISAGIE

No of Pages : 14
No of Claims : 20

(57) Abstract :
This patent application refers to a separation unit for grain harvesting, comprising a rotor housing with a feeding zone, a separation zone and a discharge zone, sieve means arranged at least in said separation zone, a rotary driven separation rotor arranged in said housing, main sucking air flow stream generating means generating at least a main sucking air flow tream moving at least through the separation zone and the discharge zone, a grain collecting element arranged in some distance towards the sieve means and at least a part of the main sucking air flow stream is sucked from the space between the sieve means and the grain collector element into the separation zone. To improve the performance of the separation unit in more difficult conditions and to limit the disadvantages of machines known from prior art it is suggested to suck.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2000
(21) Application No.598/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METALLIC CARD CLOTHING

(51) International classification	:D01G 15/84
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 6
No of Claims : 5

(57) Abstract :
The invention relates to a metallic card clothing for rollers of carding machine and beater rollers of blow room machine. It comprises of a base portion (1) and blade portion (2) having plurality of primary teeth (3) of equal height along the length of the blade portion (2) and at least one secondary tooth (4) shorter than the primary teeth between each pair of successive primary teeth.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/1999
(21) Application No.61/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPOSITE MATERIAL AND METHOD FOR ITS MANUFACTURE

(51) International classification :C23C 30/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VOLKMAR SOTTKE

No of Pages : 14
No of Claims : 11

(57) Abstract :
Disclosed herein is an invention concerning a coated substrate body made of a composite material and a method for its manufacture, on which a single - or multiple - layered coating of at least a 0.5 pm to 25 pm thick layer contains an A12O3 phase and ZrO2 phase. According to the invention, in this A 1203 / ZrO2 layer, a third, finely-dispersed phase can be deposited, which consists of an oxide, oxy-carbide, oxy-nitride or oxycarbonitride of titanium. For this, a CVD method is used, with deposition temperatures of between 900 deg. C and 1000 deg. C in the gas phase under pressures of 10 to 10000 Pa, whereby the gas phase contains, besides the necessary gases, 0.2 to 2 mol-% TiC14.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2005
(21) Application No.610/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN IN VITRO METHOD FOR DETERMINING A RISK OF DEVELOPING THROMBOSIS BY IDENTIFYING POLYMORPHISMS OF P2Y12 RECEPTOR

(51) International classification :C12Q 1/68
(31) Priority Document No :02292543.2
(32) Priority Date :15/10/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2003/004513
Filing Date :14/10/2003
(87) International Publication No :WO/2004/035826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GANDRILLE, Sophie
5)DUPONT, Annabelle
6)RENY, Jean-Luc

No of Pages : 27
No of Claims : 7

(57) Abstract :
The present invention relates to an in vitro method for determining a risk of developing thrombosis in a subject, which method comprises identifying polymorphisms of P2Y12 receptor at positions 139, 744, and 801 of the intron (SEQ ID No 1), and at position 52 of exon 2 (SEQ ID No 2), wherein the simultaneous presence of T at position 139 of the intron, presence of C at position 744 of the intron, insertion of A at position 801 of the intron, and presence of T at position 52 of exon 2 are designated H2 haplotype and, when present on at least one allele, are indicative of a higher risk to develop thrombosis in comparison with a control subject without any H2 allele.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2005

(21) Application No.614/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : IMPROVED PUMPING APPARATUS AND PROCESS FOR SLURRY POLYMERIZATION IN LOOP REACTORS

(51) International classification :C08F 2/00
(31) Priority Document No :60/411,612
(32) Priority Date :17/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/029048
Filing Date :16/09/2003
(87) International Publication No :WO/2004/027264
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 35
No of Claims : 66

(57) Abstract :
An olefin polymerization process and apparatus wherein a fluid slurry comprising monomer, diluent and catalyst is circulated in a continuous loop reactor by two or more pumps. The process and apparatus allow operating the reaction at significantly higher solids content in the circulating fluid slurry. In a preferred embodiment, the fluid slurry is circulated by two impellers arranged so that the downstream impeller benefits from the rotational energy imparted by the upstream impeller. An olefin polymerization process operating at higher reactor solids by virtue of more aggressive circulation has improved efficiencies, particularly in larger-volume reactors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2000

(21) Application No.614/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TUBE CONNECTOR

(51) International classification :F16L 3/26
(31) Priority Document No :MI99U000495
(32) Priority Date :03/08/1999
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 11

(57) Abstract :
The present innovation relates to a simple, practical and versatile tube connector. The tube connector comprises two hollow bodies (2a, 2b) having at least one aperture (3a, 3b) for connection to a corresponding tube and ends connected to each other by reversible closure means in such a way as to form a sealed connection between the hollow bodies (2a, 2b). In the connector the ends lie on a plane whose perpendicular (Y-Y) is inclined to the axes (X-X) of the apertures, the angular position about the perpendicular (Y-Y) of one of the said ends with respect to the other of the said ends being adjustable to allow the angle between the said apertures of the connector to be varied.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/1999
(21) Application No.624/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR CLEANING EXHAUST GAS PRODUCED BY COMBUSTION EQUIPMENT

(51) International classification	:F01N 3/028
(31) Priority Document No	:11-004189
(32) Priority Date	:11/01/1999
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MASAYUKI TAKEBE

No of Pages : 18
No of Claims : 5

(57) Abstract :
The present invention relates to a method and an apparatus for cleaning exhaust gas produced by combustion equipment. Said method comprising the steps of. supplying air to an air inlet of said combustion equipment to cause air to flow through he air inlet; irradiating the air flowing through the air inlet using radiation emitted as a result alpha-decay of a radioactive material, thereby transforming diatomic oxygen in shit air into an oxidizing active oxygen while transforming, by fission, nitrogen in the air in into a Monatomic oxygen and monatomic hydrogen, and providing the combustion equipment with the air containing the active oxygen, monatomic oxygen and d hydrogen for reducing toxic components from the exhaust gas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2000

(21) Application No.636/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WATCH HAVING A CONTACTLESS CONTROLM DEVICE FOR A COMPUTER CURSOR

(51) International classification :G06 K 11/18
(31) Priority Document No :99116617.4
(32) Priority Date :25/08/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 19

(57) Abstract :
Watch (1; 21; 31; 41) having a contactless control device for a computer cursor, comprising display means (8; 10; 34) for at one item of time related data and having an at least partially transparent outer element (4) covering said display means or forming an outer portion of these display means, characterised in that it comprises first control means (16, 17, 16A, 168, 50, 52, 54) for controlling the movement of cursor on a computer screen, these first control means being formed of a plurality of a touch sensitive sensors whose respective sensitive pads (16, 16A, 168) are supported at least partially by said outer element.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/1999
(21) Application No.638/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR GENERATING A CLOCK ERROR ESTIMATION

(51) International classification	:H04L 007/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ARVIND MANDAYAM TIRUNARAYANA

No of Pages : 28
No of Claims : 22

(57) Abstract :
A method and apparatus is provided that computes an optimal estimate of known clock frequency error between the transmitter and receiver using a known pilot signal and the statistics of the noise process known. The estimate is computed such that the residual clock error is below the least count (the smallest frequency correction that can be imparted) of the VCXO that controls the receiver sample clock. A tracking technique based on a measure of drift in taps of frequency domain equalizers of different sub-carriers is disclosed. This tracking ensures that the residual mean square error is within a predefined bound. Finally, the least count effects in digitally controlled oscillators (DAC controlled VCXOs and Numerically Controlled Oscillators (NCXO)) are addressed by a dithering mechanism. The dithering mechanism involves imparting positive and negative clock corrections for different lengths of time in such a manner that the residual clock error becomes zero mean. In data mode, a tracking scheme makes uses of variations in frequency domain equalizer taps for determination of clock error estimates, computes a residual clock error estimate different from the clock error estimate generated from pilot channel using training mode scheme, and SNR based combination of errors is computed to obtain clock correction, and a dithering mechanism computes the actual correction to be given to the VCXO such that the residual phase error is maintained at an acceptably low value.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2000

(21) Application No.660/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ADAPTIVE GAIN AND/OR PHASE ADJUSTMENT CONTROL SYSTEM AND METHOD

(51) International classification :H03G 1/04
(31) Priority Document No :09/377387
(32) Priority Date :19/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REZA GHANADAN
2)ROBERT EVAN MYER

No of Pages : 22
No of Claims : 14

(57) Abstract :
An adaptive gain and/or phase control system adapts the gain and/or phase adjustment resolution to provide improved performance. For example, the adaptive gain and/or phase control system can dynamically adjust the adjustment resolution for gain and/or phase adjustments as a function of the error signal(s). In response to a large error signal(s) (far from the null), the adaptive gain/or phase control system decreases the adjustment resolution, resulting in a faster convergence rate. In a feed forward distortion reduction system, decreasing the adjustment resolution improves the transient response of the amplifier (for example, given any set of operating conditions, how quickly the amplifier responds to a changing input). As phase or gain adjustments are made to approach the null, the error signal reduces, and the adaptive distortion reduction system increases the adjustment resolution. By increasing the adjustment resolution as the error signal approaches the null, finer phase or gain adjustments can be made which further reduce the error signal. For example, in a feed forward distortion reduction system, such a scheme prevents the error signal from repeatedly jumping over the null due to limited resolution without sacrificing the transient response of the amplifier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2000
(21) Application No.682/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR SUPPLYING GRANULAR RAW MATERIAL FOR REDUCED IRON

(51) International classification :C21B7/18
(31) Priority Document No :0011-243406
(32) Priority Date :30/08/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAO HARADA

No of Pages : 41
No of Claims : 18

(57) Abstract :
A method for supplying a granular raw material for reduced iron, comprising the steps of feeding a granular raw material for reduced iron into a material receiving hopper, supplying the material from the material receiving hopper through a material supply means onto a hearth of a movable hearth furnace, and vertically moving the material supply means so as to adjust the gap between a lower end of the material supply means and the hearth to thereby adjust the supply amount of the material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2000

(21) Application No.720/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NEUROPROTECTIVE PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)ACHUTHA KURUP RAVIKUMAR
(72)**Name of Inventor :**
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2)ACHUTHA KURUP RAVIKUMAR

No of Pages : 24
No of Claims : 13

(57) Abstract :
The invention relates to a neuroprotective pharmaceutical composition comprising Curcuma Longa rhizomes and/or, Azaradicta Indica leaves and/or, atleast one plant material selected from Emblica officinalis fruits and Tinospora Cordifolia bark in combination with magnesium oxide and/or Taurine, Tyrosine and lauric acid. The composition shows significantly high stimulatory and inhibitory effect on Na+, K+, ATPase and HMG CoA reductase respectively than when each of the components is used individually.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/1999
(21) Application No.733/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR DEFINING A CALL FORWARD OPERATION

(51) International classification	:H04M 3/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DIDIER LEBOULZEC
2)GEORGE A HUMPHREY

No of Pages : 24
No of Claims : 23

(57) Abstract :
In a method for the definition of a call forward operation, within a telecommunications system, for forwarding calls from an originator identifier towards a destination identifier, a user (16, 17, 18), from a user terminal (141, 142, 143) called a definition terminal, activates a generic call forward function; the system proposes a first default value of said originator identifier; the user makes a first choice between validating said default first value of said originator identified determining and then validating a first other value of said originator identifier ; the system proposes a second default value of said destination identifier; the user makes a second choice between validating said second default clue of said destination identifier and determining and then validating a second other value of said destination identifier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/1999
(21) Application No.746/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OPERATING MECHANISM FOR LOW VOLTAGE MULTI POLE CIRCUIT BREAKER

(51) International classification :H01H 75/00
(31) Priority Document No :9809938
(32) Priority Date :29/07/1998
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CLAUDE GRELIER

No of Pages : 20
No of Claims : 5

(57) Abstract :
The circuit breaker pole or poles comprise a movable contact means with a support carrier movable with respect to the frame between an open position and a closed position and one or more contact fingers movable with respect to the support carrier between a contact position and a retracted position. Electromagnetic compensation means are designed to apply electromagnetic forces on the contact finger or fingers tending to keep the contact finger or fingers in contact with the stationary contact means. Electromagnetic limiting means are designed to apply electromagnetic forces on the contact finger or fingers tending to drive the finger or fingers to their retracted position. The electromagnetic compensation means and the electromagnetic limiting means are such that when the current intensity flowing in the movable contact means is under a threshold called the limiting threshold, the finger or fingers are kept in contact with the stationary contact means, and the above said threshold, the finger or fingers are driven to their retracted position. The resultant of the forces applied by the carrier on the kinematic connecting means when the current intensity flowing in the movable contact means reaches the limiting threshold is under the ultrafast opening threshold.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2000
(21) Application No.781/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AUTOMATIC CHAPPATHI MAKING MACHINE

(51) International classification	:A47J 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VARADHARAJAN SENTHIL KUMAR

No of Pages : 21
No of Claims : 11

(57) Abstract :
An automatic chappathi making machine consists of a rotatably drivabale top plate and a bottom plate movable up and down. The top and bottom plates are electrically heated and are provided with thermostats. A dough dispensing container having a tapered opening dispenses predetermined quantity of dough on to the bottom plate which is pressed and baked. The rotation of the top plate remove the cooked chappathi from the bottom plate. A cutting means for cutting predetermined quantity of dough from the dough dispensing container and a micro processor for controlling the temperature and the drive are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/1999
(21) Application No.791/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TEXTILE PROCESSING MACHINE WITH A DRAFTING ARRANGEMENT UNIT.

(51) International classification :D014 5/00
(31) Priority Document No :198 35 372.3
(32) Priority Date :05/08/1998
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SLAVIK WALTER,
2)PIETRINI VIKTOR,

No of Pages : 20
No of Claims : 15

(57) Abstract :
The invention relates to a textile processing machine for the processing of textile fibres, with the fibre blend formed after the processing being delivered to a downstream drafting arrangement unit with at least two stages for the formation of an even sliver and a measurement member being provided between the first and second drafting arrangement stage for the detection of the fibre material joined after the first drafting arrangement stage and the measuring signal issued by the measurement member to the control unit being used for the intervention in the drive of the second drafting arrangement stage for compensating short-term fluctuations in mass in relationship to the predetermined setpoint values (setpoint), with the long-term fluctuations in mass of the fibre blend as detected by the measurement member being compensated in the zone after, the measurement member. In order to obtain a high- quality sliver and to improve known devices it is proposed that the speed of the pair of feed rollers of the second drafting arrangement stage is controlled according to the signal of the measurement member and a sliver storage means is provided between the drafting arrangement stages.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/1999
(21) Application No.826/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DILUENT COMPOSITION FOR TWO-CYCLE ENGINE LUBRUCATING OILS

(51) International classification :C10M 163/00
(31) Priority Document No :251449/98
(32) Priority Date :04/09/1998
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KOICHI KUBO
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4)MITSUHIRO NAGAKARI

No of Pages : 25
No of Claims : 4

(57) Abstract :
The present invention relates to a diluent composition for two-cycle engine lubricating oils comprising a hydrocarbon mixutre having a content of bicycle or higher polycyclic aromatic hydrocarbon having two or more aromatic rings or condensed rings per molecule of 1.0% by volume or less and a sulphur content of 0.015% by weight or less, and having a distillation end point of at most 320 degree c. 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2000
(21) Application No.833/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTROLLED RELEASE DOSAGE FOR ORAL ADMINISTRATION

(51) International classification	:A61K 31/426
(31) Priority Document No	:USA 08/950,732
(32) Priority Date	:15/10/1997
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)ANAND RANGANATH BAICHWAL

No of Pages : 44
No of Claims : 18

(57) Abstract :
The present invention relates to a novel solid matrixed controlled release, oral dosage form where the dosage form contains a therapeutically effective amount of sulfonylurea or salt or derivative thereof in the matrix. Further, the use of an aqueous alkalizing medium affords substantially complete bioavailability of the drug from the matrix of the tablet. The core tablets may optionally be coated with a coating material in the range of 2% to 10% with an enteric material or with a water insoluble material like ethyl cellulose.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2000
(21) Application No.858/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ENVIRONATOR

(51) International classification	:A01K 67/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)N. SURYANARAYANA
3)R.K. DATTA

No of Pages : 16
No of Claims : 6

(57) Abstract :
This invention relates to an evnironator for rearing of young silkworms. The environator has a rearing stand extending into a pyramidal shape with an apex at the upper end. A fabric with a cut in the front side is provided over said stand. A water supply system is also provided above the stand. A water delivery system embracing the fabric and adapted to be connected to a water supply source is provided to provide a uniform delivery of the water drops onto the surface of said fabric.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2000

(21) Application No.871/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SENSOR ASSEMBLY FOR USE IN A BOREHOLE APPLICATION

(51) International classification :G01N 1/40
(31) Priority Document No :06/160,787
(32) Priority Date :21/10/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 15

(57) Abstract :
An ultrasonic sensor assembly for measuring the diameter of a well while it is being drilled is provided. The sensor assembly includes a stack including an inner sound absorbing backing element, a piezoelectric ceramic disk transducer stacked outwardly adjacent the backing element, and a matching layer, preferable made of PEEK and disposed outwardly adjacent the transducer. The layers of the stack are provided within a cavity of a metal cup and are maintained in position by a flexible diaphragm preferably made of PEEK. The diaphragm is sealed with an O-ring. A window, also preferably made of PEEK, is provided against the diaphragm and is held against the diaphragm by a spring. This arrangement acoustically couples the diaphragm to the stack and improves signal recovery. The diaphragm and O-ring form a hydraulic seal between fluid/mud in the well and the stack, and operate to retain the layers of the stack. Also, the diaphragm deforms to permit the stack to move when transmitting or receiving, and maintains an acoustic coupling between the stack and the window.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/1999
(21) Application No.873/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF EQUALIZATIION FOR MULTICARRIER COMMUNICATION SYSTEMS

(51) International classification :H03 M 13/01
(31) Priority Document No :60/099,255
(32) Priority Date :04/09/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)VERMA AMIT
5)AGARWAL RAJEEV

No of Pages : 36
No of Claims : 18

(57) Abstract :
A method and apparatus for equalization in multicarrier high-speed data transmission systems is proposed. A TDE (Time Domain Equalizer) is used to reduce the length of the channel impulse response. An SNR based method is proposed for initialization of the TDE to values based estimated inverse of the channel response and the estimator to an impulse. Variants of this method involve convolving either the TDE or the estimator with a filter to obtain a desired frequency response. Another variant involving higher sampling rate for specific out of band frequency response with selected to higher zero to reduce computation is also proposed. Incomplete equalization results in ISI (Inter Symbol Interference) between symbols causing degradation in SNR at the FEQ output. A method to partitoning and decoding of subcarrier outputs to improve the performance is detailed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/1999
(21) Application No.876/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF DRYING PAINT COATING AND PAINT COATING DRYING OVEN

(51) International classification :B05C 9/14
(31) Priority Document No :10-263418
(32) Priority Date :17/09/1998
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 4

(57) Abstract :
A method of drying paint coating on work- pieces of different types which is to be baked at different temperatures in a paint coating drying oven The present invention relates to a method of drying paint coating on workpieces of different types which is to be baked at different temperatures in a paint coating drying oven, comprising the steps of: baking a first batch of workpieces whose paint coating is to be baked at a lower temperature with a hot- air circulating mechanism in the paint coating drying oven: and baking a second batch of workpieces whose paint coating is to be baked at a higher temperature with the hot-air circulating mechanism and a far-infrared heating mechanism in the paint coating drying oven.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2000

(21) Application No.879/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DETONATOR ASSEMBLY

(51) International classification	:F42B 12/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 11
No of Claims : 11

(57) Abstract :
This invention relates to a detonator assembly. It consists of a housing provided with a hollow cup shaped body and a spacer member separating the cup from a hollow cylindrical body. The cup shaped body has terminals connected thereto and houses initiator charges and a secondary explosive in close contact with each other. The cylindrical body has two columns of charges. The transition charge column located near the spacer has a smaller diameter than the output charge next to it. The transition charge also is lower density than the output charge. A closure member seals the assembly.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2005

(21) Application No.880/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METAL AMINO ACID CHELATES HAVING NUTRITIONALLY RELEVANT ANION RADICAL (S

(51) International classification :C07D 401/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IN2004/000063
Filing Date :17/03/2004
(87) International Publication No :WO/2004/082592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRISHNAN, Ramu

No of Pages : 30
No of Claims : 8

(57) Abstract :
The present invention relates to compositions and methods for preparing Metal Amino Acid Chelates having a nutritionally relevant Anion Radical(s) having higher solubility and better bio absorption. The composition is prepared by reacting a metal Amino Acid Hydroxide Chelate with a nutritionally relevant acid radical in a suitable mole ratio such that the new chelate formed has the metal Amino Acid Structure unchanged but is bonded forming quarternary ammonium ion(s) to a nutritionally Relevant Anion Radical(s) obtained by ionic dissociation of a nutritionally Relevant acid(s).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2000
(21) Application No.905/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KEYBUTTON ILLUMINATING DEVICE AND WIRELESS COMMUNICATION TERMINAL APPARATUS EQUIPPED WITH THE SAME

(51) International classification :H01H 9/16
(31) Priority Document No :11-304597
(32) Priority Date :26/10/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TAICHI TABATA
4)KOUICHI YAMAMOTO

No of Pages : 16
No of Claims : 9

(57) Abstract :
A keybutton structure that is composed of the casing 18, the shielding case 10 that is provided with metal-type surface treatment, the keybutton 7 and the printed circuit board 8 that is mounted with a light emitting element, in that the light emitting element 22, such as the LED, is surrounded entirely by the rib 21 that is disposed upright on the shielding case 10. This configuration enables solving of the space problem as well as improvement in the luminous efficiency.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2000
(21) Application No.909/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LIQUID CRYSTAL DISPLAY APPARATUS

(51) International classification	:G02F 1/1333
(31) Priority Document No	:11-304595
(32) Priority Date	:26/10/1999
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHINICHI TERAO
4)TAKEFUMI ISHIDA

No of Pages : 21
No of Claims : 9

(57) Abstract :
In liquid crystal display apparatus comprising a liquid crystal display device and a flexible board with a pattern formed on one surface, the flexible board is bent approximately at the center in two via a bending section and the inner surface are hermetically fixed thus configuring a first pattern surs associated face, parts, and a second pattern surface, contacts with the printed circuit board, at the rear of the first pattern surface. Via this configuration, the liquid crystal display apparatus can be configured using a flexible board having a single-sided pattern and assembly of the liquid crystal display device and the printed circuit board can be facilitated.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2000
(21) Application No.911/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN EARPHONE JACK HOLDING DEVICE

(51) International classification :H05K 9/00
(31) Priority Document No :11-304599
(32) Priority Date :26/10/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TERUO NANMOKU
3)TAICHI TABATA
4)HIDEO ONO

No of Pages : 15
No of Claims : 10

(57) Abstract :
The invention relates to an earphone jack holding device comprising a printed circuit board; a main body case; an earphone jack; and a case fixed on the printed circuit board, characterized in that the earphone jack is fixed on the printed circuit board and the case is a shield case, a first holding rib provided in the shield case for holding the earphone jack in the horizontal direction with respect to the printed circuit board; a second holding rib provided in the shield case for holding the earphone jack in the horizontal direction with respect to the printed circuit board; and a third holding rib provided in the main body for holding the earphone jack and the shield case in the direction perpendicular to the printed circuit board; whereby the horizontal direction is any direction parallel to a plane defined by the printed circuit board and the perpendicular direction is any direction perpendicular to said plane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2000
(21) Application No.919/MAS/2000 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ADSORPTION PROCESS TO PURIFY HYDROGEN FROM A FEED GAS MIXTURE

(51) International classification :B01D 053/047
(31) Priority Document No :09/432517
(32) Priority Date :02/11/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)JAMES MICHAEL OCCHIALINI

No of Pages : 18
No of Claims : 27

(57) Abstract :
This invention relates to an adsorption process to purify hydrogen from a feed gas mixture containing hydrogen and at least one impurity selected from the group consisting of carbon monoxide and nitrogen, said process comprising: providing an adsorption apparatus comprising a discharge end adsorption layer comprising an adsorbent having a KH at 70Â°F for said impurity from 0.85 to 1.40 mmole/g/atm; feeding through said adsorption apparatus said feed gas mixture; at a feed temperature of 32 to 140Â°F and at a feed pressure of 100 to 1000 psig; and collecting a product gas from said adsorption apparatus, wherein said product gas consists essentially of hydrogen.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2005
(21) Application No.95/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR CRYSTALIZATION OF MACROMOLECULES IN A THREE PHASE SYSTEM

(51) International classification :B01D 9/02
(31) Priority Document No :02017135.1
(32) Priority Date :30/07/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/008369
Filing Date :29/07/2003
(87) International Publication No :WO/2004/012841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEYERS, Hans-Wilhelm

No of Pages : 34
No of Claims : 21

(57) Abstract :
A method for the crystallisation of macromolecules in a three-phase system using a vessel containing a lower aqueous phase,a middle phase and an upper hydro-phobic phase having a lower density than that of the lower aqueous phase,wherein an aqueous solution of the macromolecules is added to the middle phase to form a fourth phase,flowed by incubation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/1999
(21) Application No.951/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FORCE TRANSFER MECHANISM FOR A BICYCLE TRANSMISSION CONTROL CABLE

(51) International classification :B62M 25/02
(31) Priority Document No :09/126,210
(32) Priority Date :20/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 20

(57) Abstract :
A force transfer unit is provided for engaging a control cable connected to a hand operated shift control unit. The force transfer unit includes a handlebar attachment member and a cable diverting member for changing a direction of the control cable, wherein the force transfer unit is separate from the shift control unit. A gear indicator may be formed with the force transfer unit or instead of the force transfer unit so that the gear indicator may be located remotely from the shift control unit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2005
(21) Application No.956/CHENP/2005 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR MAKING AN ABRASION RESISTANT STEEL PLATE AND A PLATE OBTAINED THEREBY

(51) International classification :C21 D1/19
(31) Priority Document No :02 14426
(32) Priority Date :19/11/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR2003/003358
Filing Date :13/11/2003
(87) International Publication No :WO/2004/048619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 13

(57) Abstract :
The invention concerns a method for making an abrasion resistant steel plate having a chemical composition comprising, by weight: 0.24 % < 5 %; 0 % < 0,15 %; N + K > 1.8, with K = 0.5 if B < 0.0005 %. The method consists in subjecting the plate to a hardening, in rolling heat or after austenitization in a furnace; cooling the plate at a cooling speed higher than 0.5 DEG C/s between a temperature higher than AC3 and a temperature ranging between T = 800 - 270xC* - 90xMn -37xNi - 70XCr 83x(Mo + W/2) and T-50 DEG C; then cooling the plate at a core cooling speed Vr < 1150XEP<-1.7> between temperature T and 100 DEG C (ep = plate temperature expressed in mm); cooling the plate down to room temperature and, optionally planishing. The invention also concerns the resulting plate.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/1999

(21) Application No.982/MAS/1999 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : A SLEEVE MONOPOLE ANTENNA FOR BROAD BAND COMMUNICATION

(51) International classification	:H01Q 001/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 14

No of Claims : 9

(57) Abstract :
The present invention provides a sleeve monopole antenna for broad band communication comprising a conductor antenna base (1) with an insulator base cap (2) on one side of the antenna base (1) and a signal connector (12). An extended center pin (13) is provided extending through the base cap (2) attached to the other side of the antenna base (1). A tubular outer conductor (5), a tubular inner conductor (6) with an insulator cap (7) is provided at the bottom end and located inside the tubular outer conductor (5) providing a gap (G2) between lower end of the tubular inner conductor (6) and the signal connector (12). An insulator cap (8) is attached to the top end of the tubular inner conductor (8) providing a gap (G 1) between the top end of the tubular inner conductor (8) and a center conductor (9) attached to the extended center pin (13) and passing through the insulator cap (10) attached to the top end of the tubular outer conductor (5) . An insulator radome (3) is provided with an insulator cap (4) at the top end, housing the antenna, the top end of the center conductor (9) being fixed to the insulator cap (4) at the top end of the radome (3).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/1996
(21) Application No.984/MAS/1996 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR INHIBITONG CORROSION OF A SUBSTRATE

(51) International classification :B32B 904
(31) Priority Document No :08/472,552
(32) Priority Date :07/06/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 37
No of Claims : 12

(57) Abstract :
The present invention relates a method of inhibiting corrosion of a substrate, said method comprising the following steps: - placing a substrate into a deposition chamber; - creating a vacuum inside said deposition chamber; - supplying said deposition chamber with a precursor; - ionizing vapor of said precursor so as to create a plasma; - ions being accelerated from said plasma to said substrate to create a coating made from a class of diamond-like materials formed from interpenetrating networks comprising a diamond-like carbon network stabilized by hydrogen, a silicon network stabilized by oxygen, and at least one network made from dopant elements or dopant compounds containing elements from groups 1-7b and 8 of the periodic table.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/1996
(21) Application No.985/MAS/1996 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR INHIBITING EROSION OF AN OPTICALLY TRANSMISSIVE SUBSTRATE

(51) International classification :B32B 900
(31) Priority Document No :08/476,660
(32) Priority Date :07/06/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 34
No of Claims : 10

(57) Abstract :
The present invention provides a method of inhibiting erosion of an optically transmissive substrate, said method comprising the following steps: - placing a substrate into a deposition chamber; - creating a vacuum inside said deposition chamber; - supplying said deposition chamber with a precursor; - ionizing vapor of said precursor so as to create a plasma; - ions being accelerated from said plasma to said substrate to create a coating made from a class of diamond-like materials formed from interpenetrating networks comprising a diamond-like carbon network stabilized by hydrogen, a silicon network stabilized by oxygen, and at least one network made form dopant elements or dopant compounds containing elements from groups 1-7b and 8 of the periodic table.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/1999
(21) Application No.99/MAS/1999 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OPTICAL PICKUP DEVICE

(51) International classification :G11B 7/14
(31) Priority Document No :10-52657
(32) Priority Date :19/02/1998
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 5

(57) Abstract :
Astigmatism and coma are suppressed in an optical pickup device of the type that light from a single real laser light source is diffracted and divided by a hologram module into a plurality of light spots which are focussed upon a plurality of tracks of an optical disk to read data on the tracks at the same time. A non-diffraction hologram pattern and diffraction hologram patterns of the hologram module are determined so that light diffracted by the hologram module is given inverse aberration of that to be caused by optical elements in an optical path from the real laser light source to the optical disk.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2000

(21) Application No.IN/PCT/2000/10/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TRANSMISSION SYSTEM,A RECEIVER,A CHANNEL ENCODER AND A TRANSMISSION AND DECODING METHOD

(51) International classification :H03M 13/41
(31) Priority Document No :98201738.6
(32) Priority Date :26/05/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB1999/000925
Filing Date :25/05/1999
(87) International Publication No :WO/1999/062185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOPPELAAR, Arie, G., C.;

No of Pages : 25
No of Claims : 11

(57) Abstract :
The problem of the convolutional code obtained by a tailbiting convolutional encoder is that it requires substantial computational resources to decode it. In the simplified decoder according to the invention, the decoding process is extended by a plurality of trellis sections to a length N+v. At the final trellis section, the state with the largest path metric is selected as the best state. This best state is used as staring point for a trace back operation to fmd an earlier state at N trellis section before the fmal trellis section. The earlier state found there is regarded as correct, having as consequence that the trellis should terminate also in said state. By performing a trace back from said state the source symbols can be found

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2000

(21) Application No.IN/PCT/2000/136/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ORALLY ADMINISTRABLE SOLID DOSAGE FORM COMPRISING A RIBAVIRIN COMPACTED COMPOSITION AND A METHOD OF PRODUCING THE SAME

(51) International classification :A61K 31/7056
(31) Priority Document No :08/997,172
(32) Priority Date :22/12/1997
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US98/26222
Filing Date :21/12/1998
(87) International Publication No : WO/1999/032128
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHAUDRY, Imtiaz, A.
4)VADINO, Winston, A.
5)BOWEN, Frank, E.

No of Pages : 18
No of Claims : 17

(57) Abstract :
The present invention relates to an orally administrable solid dosage form comprising a ribavirin compacted composition comprising ribavirin and a pharmaceutically acceptable disintegrant wherein said composition has a tap density of at least 0.6 g/mL and wherein more than 80% by weight of the ribavirin dissolves in water in 30 minutes, the ribavirin being substantially free of polymorphic forms of ribavirin. The invention also relates to a method of producing the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2000

(21) Application No.IN/PCT/2000/137/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELECTRICAL CIRCUIT BREAKER

(51) International classification :H01H 33/04
(31) Priority Document No :9726707.4
(32) Priority Date :19/12/1997
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB1998/003851
Filing Date :21/12/1998
(87) International Publication No :WO/1999/033081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HALL, William, Bewick

No of Pages : 9
No of Claims : 7

(57) Abstract :
An electrical circuit breaker (10) comprises an enclosure (12) filled with an insulating fluid. Within the enclosure (12) is a pair of opposing contacts (14 and 16) one of which is fixed and the other moves axially relative thereto. When the contacts (14 and 16) are separated an arc is drawn between them. The arc is rotated by a magnetic field generated by coil (18). A shield (20) prevents the arc short circuiting the coil (18) but also traps ionised gas particles and metallic vapours. To prevent the ionised gas and vapours building up a flow of purging gas is directed through channels (26 and 28) to region A. The purging flow of gas flushes out this region to prevent re-establishment of the arc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2000

(21) Application No.IN/PCT/2000/179/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LOW-PRESSURE MERCURY VAPOR DISCHARGE LAMP

(51) International classification :H01J 61/24
(31) Priority Document No :98203824.2
(32) Priority Date :12/11/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP99/08255
Filing Date :27/10/1999
(87) International Publication No :WO/2000/030151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HILDENBRAND, Volker, D
3)ROES, Johannes, H

No of Pages : 12
No of Claims : 7

(57) Abstract :
Low-pressure mercury vapor discharge lamp provided with a discharge vessel (10). The discharge vessel (10) encloses a discharge space (11), provided with a filling of mercury and a rare gas, in a gastight manner. At least a part of an inner surface of the discharge vessel (10) is provided with a transparent layer (16) comprising an oxide of scandium, yttrium, or a rare earth metal (lanthanum, cerium, gadolinium, ytterbium, and/or lutetium). The discharge lamp is characterized in that the transparent layer (16) comprises a borate or a phosphate of an alkaline earth metal and/or of scandium, yttrium or a further rare earth metal. Preferably, the alkaline earth metal is calcium, strontium and/or barium. The further rare earth metal is preferably lanthanum, cerium and/or gadolinium. The oxide is preferably YÂ¿2?OÂ¿3? or GdÂ¿2?OÂ¿3?. Preferably, the transparent layer (16) has a thickness of between 5 nm and 200 nm. A luminescent layer (17) is preferably provided on top of the transparent layer in the discharge vessel. The lamp according to the invention has a comparatively low mercury consumption.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2000
(21) Application No.IN/PCT/2000/199/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WATER ATOMISED ANNEALED TRON BASED POWER

(51) International classification :C22C 33/02
(31) Priority Document No :9800154-8
(32) Priority Date :21/01/1998
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE99/00092
Filing Date :21/01/1999
(87) International Publication No :WO/99/37424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ERIKSSON, Ola

No of Pages : 14
No of Claims : 12

(57) Abstract :
A water-atomised, annealed iron-based powder comprising, by weight %, Cr 2.5-3.5 Mo 0.3-0.7 Mn 0.09-0.3 Cu < 0.10 Ni < 0.15 p < 0.02 N < 0.01 V < 0.10 Si < 0.10 W < 0.10 0 < 0.25 C

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2000

(21) Application No.IN/PCT/2000/203/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF A CORE MATERIAL AND SANDWICH PANEL THEREFOR

(51) International classification	:B32 B 31/22
(31) Priority Document No	:1008118
(32) Priority Date	:23/01/1998
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL99/00040
Filing Date	:22/01/1999
(87) International Publication No	:WO 99/37871
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 9

(57) Abstract :
A method for the production of a core material (1) composed of strips (2) of preferably fibrous material for a sandwich panel, in which sandwich panel the width direction (7) of the strips (2) is coincident with the thickness direction of the panel and a cover layer (8, 9) is attached to each of the longitudinal edges of the strips (5, 6), comprises cutting each strip (2) from an even number of layers with the formation of, in each case, a longitudinal edge (5, 6) having a cut surface (11) which, viewed in cross section of the strip (2), runs at an incline between the two surfaces (15, 16) of the strip (2).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2000

(21) Application No.IN/PCT/2000/21/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF MEMORY MANAGEMENT

(51) International classification :G06F 12/02
(31) Priority Document No :GB 9813592.4
(32) Priority Date :25/06/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB99/01094
Filing Date :14/06/1999
(87) International Publication No :WO/99/67699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 11
No of Claims : 9

(57) Abstract :
The present invention relates to a method of memory management for use in date processing apparatuses, wherein a random-access memory contains a plurality of data objects, each said data object being at a respective known location within the memory and being accessed via respective pointers carried by memory stacks, the method comprising periodically sweeping the memory to determine those data objects having no extent pointers thereto from any source and transferring the blocks of memory space taken thereby to a free memory structure, with external requests for memory space being met by allocation from the free memory structure. Charaterized in that external requests for which there is insufficient memory available from the free memory structure are entered in a request list, with freed blocks of memory space being made available to the listed requests and only transferred to the free memory structure if not allocated to any listed request.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2000

(21) Application No.IN/PCT/2000/212/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CHECKING AND CONTROLLING APPARATUS IN CAPSULE-PACKAGING MACHINES

(51) International classification :A61J 3/07
(31) Priority Document No :BO98A000682
(32) Priority Date :03/12/1998
(33) Name of priority country :Italy
(86) International Application No :PCT/EP1999/008223
Filing Date :29/10/1999
(87) International Publication No :WO/2000/032151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 5

(57) Abstract :
The thrusters or the rams for pressing the metered amounts of product into the metering seats are equipped with force transducers which emit an electrical signal proportional to the thrust exerted during the pressing step. This signal is transmitted to the processor for controlling the operation of the packaging machine, which compares the signal with predefmed reference values, in order to check whether or not the weight of the metered amounts lies within acceptable values. If it does not, the processor causes expulsion, from the unloading flow of the full capsules, of those capsules with metered amounts which have an unacceptable weight and which, if,necessary, may be weighed using a precision device connected to the processor which may use this signal to confIrm the operation of the transducers or correct it automatically.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2000
(21) Application No.IN/PCT/2000/214/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTINUOUS PROCESS FOR PREPARING A POLYMIDE FROM AMINONITRILES

(51) International classification :C08G 69/04
(31) Priority Document No :198 04 023.7
(32) Priority Date :02/02/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/00654
Filing Date :02/02/1999
(87) International Publication No :WO/99/38908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HILDEBRANDT, Volker
3)FUCHS, Eberhard

No of Pages : 49
No of Claims : 10

(57) Abstract :
The invention relates to a continuous method for producing a polyamide, comprising the following steps: (1) reaction of at least one aminonitrile with water at a temperature of between 90 and 400 Â°C and a pressure of between 0.1 and 35 x 10?6Â¿ Pa in a tubular flow reactor containing a Bronsted acid catalyst selected from a beta zeolite, sheet silicate or titanium dioxide catalyst; (2) further reaction of the reaction mixture at a temperature of between 150 and 400 Â°C and a pressure which is lower than the pressure in step 1, where the temperature and pressure are selected such that a first gaseous phase and a first liquid or first solid phase or a mixture of a first solid and first liquid phase is obtained, and the first gaseous phase is separated; and (3) addition of the first liquid and/or first solid phase to a gaseous or liquid phase containing water, at a temperature of between 150 and 370 Â°C and a pressure of between 0.1 and 30 x 106 Pa, resulting in a product mixture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2000
(21) Application No.IN/PCT/2000/215/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTINUSOUS PROCESS FOR PRODUCING POLYMIDES FROM AMINONITRILES

(51) International classification :C08G 69/04
(31) Priority Document No :198 04 033.4
(32) Priority Date :02/02/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/00602
Filing Date :29/01/1999
(87) International Publication No :WO 1999/038906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Volker HILDEBRANDT

No of Pages : 39
No of Claims : 10

(57) Abstract :
The continuous method for producing a polyamide by reacting at least one aminonitrile with water, comprising the following steps: (1) reaction of at least one aminonitrile with water at a temperature of between 90 and 400 Â°C and a pressure of between 0.1 and 15 x 10 6 Pa in a tubular flow reactor containing packing material of a Bronsted acid catalyst selected from beta zeolite, sheet silicate or titanium dioxide packing materials, as well as metallic packing materials, which yields a reaction mixture; (2) further reaction of the reaction mixture at a temperature of between 150 and 400 Â°C and a pressure which is lower than the pressure in step 1, where the temperature and pressure are selected such that a first gaseous phase and a first liquid or a first solid phase or a mixture of a first solid and a first liquid phase is obtained, and the first gaseous phase is separated from the first liquid or first solid phase or the mixture of the first liquid and first solid phase; and (3) addition of the first liquid or first solid phase or the mixture of first liquid and first solid phase to a gaseous or liquid phase containing water, at a temperature of between 150 and 370 Â°C and a pressure of between 0.1 and 30 x 10 6 Pa, resulting in a product mixture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2000

(21) Application No.IN/PCT/2000/226/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A CATALYST FOR THE CONVERSION OF N2O

(51) International classification :B01J 21/00
(31) Priority Document No :97 16803
(32) Priority Date :31/12/1997
(33) Name of priority country :France
(86) International Application No :PCT/FR98/02747
Filing Date :16/12/1998
(87) International Publication No :WO/1999/034901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 27
No of Claims : 12

(57) Abstract :
The present invention relates to a process for the preparation of a catalyst for the conversion of N2O composed of agglomerates of 80 to 90% by weight iron-containing ferrerite/zeolite having an iron content of 1 to 6% by weight, and 20 to 10% by weight of clayey, siliceous or aluminous agglomeration binder, said process comprising the following steps: a ferrierite powder is agglomerated with a binder selected from the group of clayey, siliceous or aluminous binders; the corresponding paste is shaped as extrudates, in the proportion of 80 to 90% of ferrierite and 20 to 10% of binder, as weight % on a dry basis, the agglomerates are calcined ata temperature of approximately 400Â°C, exchange is carried out at least once with an aqueous iron salt solution, so that the exchanged ferrierite assays from 1 to 6% by weight of iron, the exchanged agglomerated is dried and a process for reducing the nitrous oxide content in a gas in which the content ofN2O is from 500 ppm to 50%, of H2O from 0.5 to 5% and of NO from 50 to 2000 ppm, using ferrerite/zeolite catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2000

(21) Application No.IN/PCT/2000/238/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TITANIUM ALUMINIDE ALLOY

(51) International classification	:C22C 14/00
(31) Priority Document No	:09/017,483
(32) Priority Date	:02/02/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/02212
Filing Date	:02/02/1999
(87) International Publication No	:WO/1999/051787
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 23
No of Claims : 19

(57) Abstract :
A two phase titanium aluminide alloy having a lamellar microstructure with little intercolony structures. The alloy can include fine particles such as boride particles at colony boundaries and/or grain boundary equiaxed structures. The alloy can include alloying additions such as $m(F) 10 at % W, Nb and/or Mo. The alloy can be free of Cr, V, Mn, Cu and/or Ni and can include, in atomic %, 45 to 55 % Ti, 40 to 50 % Al, 1 to 5 % Nb, 0.3 to 2 % W, up to 1 % Mo and 0.1 to 0.3 % B. In weight %, the alloy can include 57 to 60 % Ti, 30 to 32 % Al, 4 to 9 % Nb, up to 2 % Mo, 2 to 8 % W and 0.02 to 0.08 % B.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2000

(21) Application No.IN/PCT/2000/251/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SELECTOR SWITCH

(51) International classification :H01H 9/00
(31) Priority Document No :198 21 775.7
(32) Priority Date :14/05/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/002020
Filing Date :25/03/1999
(87) International Publication No :WO/1999/060588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 9

(57) Abstract :
The invention relates to a selector switch for tapped transformers to enable continuous tap switching with respect to a tapped winding, whereby fixed stepped contacts are arranged inside a cylinder made of insulating material on a horizontal plane for each phase. A rotating actuating shaft is located inside the insulating cylinder. The actuating shaft has a moveable hinged contact carrier for each phase that is to be switched and vacuum switching cells are respectively and vertically arranged on said contact carrier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2000

(21) Application No.IN/PCT/2000/261/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTAINER FOR LIQUID OR PULVERULENT CONTENTS AND A METHOD FOR MAKING SAID CONTAINER

(51) International classification :B 65 D 33/36
(31) Priority Document No :9800450-0
(32) Priority Date :17/02/1998
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE99/00206
Filing Date :17/02/1999
(87) International Publication No :WO/99/41155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 21

(57) Abstract :
A container for liquid or pulverulent contents, comprising walls which are inter- connected to form a closed compartment (40; 140), two opposing side walls being joined along a comm'on connecting portion, said container having a duct means which is formed between the two side walls and extends from the compartment to the outside of the container, characterized in that the walls are flexible so that the volume of the compartment is dependent on the relative position of the walls and the duct means has a flexible wall having a unifQrm composition of materials along its entire length, and is sealed when the container is in an empty state before filling.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2000
(21) Application No.IN/PCT/2000/279/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AND APPARATUS AND METHOD FOR PLAYING BACK A RECORD CARRIER,

(51) International classification :G11 B 20/00
(31) Priority Document No :98204238.4
(32) Priority Date :14/12/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP1999/008958
Filing Date :18/11/1999
(87) International Publication No :WO/2000/036600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SUZUKI, Kazuhiro

No of Pages : 28
No of Claims : 17

(57) Abstract :
Record carrier, apparatus and method for playing back a record carrier, method of manufacturing a record carrier. On a record carrier (1) of the invention on which is recorded at least a first stream of data (2) representing a video item, a second stream of data (3) representing a graphics item, a control program (4) for controlling interactive playback of said items. The program (4) has a first (130) and a second program portion (140). The first program portion (130) comprises primary data (130.1), relating to shape properties of a graphics object. The second program portion (140) is to be executed after the first program portion in case of compliance of user input with a predetermined condition specified in the program, which second program portion (140) specifies a visual feedback in response to the user input, that the second program portion (140) comprises secondary data (151-156), relating to at least an additional visual property of the graphics object. The invention also pertains to an apparatus and a method for playing back a record carrier and a method for manufacturing the record carrier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2000
(21) Application No.IN/PCT/2000/286/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF ENABLING CONTROLING AN INFORMATION PROCESSING SYSTEM

(51) International classification :G06F 9/44
(31) Priority Document No :09/213,527
(32) Priority Date :17/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP1999/009358
Filing Date :01/12/1999
(87) International Publication No :WO/2000/036499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 2

(57) Abstract :
Components in an information processing system are represented by software objects whose properties can be changed through function calls. Setting a property of an object controls the associated component. Properties are connected through routes that propagate state changes throughout the system without the need for a running client application. Two-way property routes are used to keep consistence among a controlled object and multiple controlling objects without the risk of endless loops. To achieve this, the two-way route is executed to change a state of a specific one of the properties upon a change of state of another one of the properties if the change of state of the other property was caused by an effect other than the route itself.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2000

(21) Application No.IN/PCT/2000/290/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A MANUAL DISPENSER WITH RECIPROCATING ACTION

(51) International classification	:B65D 83/00
(31) Priority Document No	:BO98A000013
(32) Priority Date	:20/01/1998
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT99/00010
Filing Date	:20/01/1999
(87) International Publication No	: WO/99/36333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BRUN, Giancarlo

No of Pages : 18
No of Claims : 4

(57) Abstract :
A manual dispenser with reciprocating action comprising a reservoir body (61, 100) communicating with a duct (75, 109) opening outside the reservoir body (61, 100), a piston member (62, 102) being mounted for sliding in a leaktight manner inside said reservoir body (61, 100), actuator means adapted to make said piston member (62, 102) advance for a forward travel of predetermined maximum extent, wherein said actuator means further comprise a substantially tubular element (64, 103) fixed on said piston member (62, 102) provided with second engaging means (65, 104) on its surface, characterised in that said actuator means comprise an operative member (66, 105) rotatable about an axis parallel to the direction of advance of said piston member (62, 102), adapted to set the quantity of product to be dispensed by means of said rotation, and provided with first engaging means (71, 108), said first and second engaging means (65, 71, 104, 108) being in reciprocal functional engagement along an helical path in such manner that by rotating said operative member (66, 105) relatively to said substantially tubular element (64, 103), said operative member (66, 105) moves axially relatively to said reservoir body (61, 100), whereby said forward travel of the piston member (62, 102) is defined.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2000
(21) Application No.IN/PCT/2000/312/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SPEECH CODING

(51) International classification :G01L 19/04
(31) Priority Document No :980532
(32) Priority Date :09/03/1998
(33) Name of priority country :Finland
(86) International Application No :PCT/FI1999/000112
Filing Date :12/02/1999
(87) International Publication No :WO/1999/046764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 23
No of Claims : 18

(57) Abstract :
variable bit-rate speech coding method determines for each subframe a quantised vector d(i) comprising a variable number of pulses. An excitation vector c(i) for exciting LTP and LPC synthesis filters is derived by filtering the quantised vector d(i), and a gain value ĝc is determined for scaling the pulse amplitude excitation vector c(i) such that the scaled excitation vector represents the weighted residual signal Ś remaining in the subframe speech signal after removal of redundant information by LPC and LTP analysis. A predicted gain value ĝc is determined from previously processed subframes, and as a function of the energy Ec contained in the excitation vector c(i) when the amplitude of that vector is scaled in dependence upon the number of pulses m in the quantised vector d(i). A quantised gain correction factor Ygc is then determined using the gain value gc and the predicted gain value ĝc

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2000

(21) Application No.IN/PCT/2000/319/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A VALVE FOR PRESSURIZED CONTAINERS

(51) International classification :F16K 35/00
(31) Priority Document No :09/031,576
(32) Priority Date :27/02/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/04152
Filing Date :25/02/1999
(87) International Publication No :WO/99/43973
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 10

(57) Abstract :
The aerosol valve of this invention com~rises a unitary valve housing, a valve stem disposed in said housing having a lower portion with a recess for a gasket, which gasket seals against the interior of the lower portion of the housing to folin a valve blocking chamber, the valve stem further having a recess in its base for receiving an incompressible, free-falling object when the valve is in a predetermined orientation that permits actuation on opening of the valve, the gasket on the lower portion of the valve stem being integrally formed with the recess of the valve stem.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2000

(21) Application No.IN/PCT/2000/323/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF ADAPTING A DECOMMISSIONED SHIP TO CONTROL ROLLING FOR FPSO PURPOSES AND A SHIP COMPRISING A BILGE KEEL

(51) International classification :B63B 09/04
(31) Priority Document No :PI9800843-9
(32) Priority Date :06/03/1998
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR99/00010
Filing Date :11/02/1999
(87) International Publication No :WO 99/44882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 14

(57) Abstract :
This is a mechanical element intended ti control the rolling of fpso type petroleum production systems which use adapted decommissioned ships as the floatine facili9ty. Theb bilge keel is made up of two lines of plates, continuous or sectioned, in this case with a small separation between each two adjacent sections, mounted along the bilge of the ship, one on either side, at right angles to the hull, and characterized basically by being wider and having a greater total length than the bilge keels used in ships.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2000

(21) Application No.IN/PCT/2000/336/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ARRANGEMENT FOR CONNECTING END PORTION OF TWO STRIPS

(51) International classification :F16L 33/02
(31) Priority Document No :240/98
(32) Priority Date :02/02/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH1998/000521
Filing Date :09/12/1998
(87) International Publication No : WO/1999/039123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Hans OETIKER

No of Pages : 13
No of Claims : 11

(57) Abstract :
An arrangement for connecting end portions of two strips (1, 5), wherein the end portion of one (1) of the strips comprises a protrusion (21) extending in the longitudinal direction of the strip (1) and engaging a matching recess in the other strip (5), said protrusion (21) having laterally projecting stubs (23, 25, 27, 29) which engage lateral enlarged portions of said recess, and wherein the end portion of said one strip (1) has a projecting portion (41, 43) in the vicinity of either one of its longitudinal edges, said projecting portions (41, 43) extending in said longitudinal direction and engaging complementary recesses in the said other end portion of said other strip (5), characterised in that said protrusion (21) has on either side at least two laterally projecting stubs (23, 25, 27, 29) which are mutually spaced apart in said longitudinal direction and engage lateral enlarged portions of said recess, and said protrusion (21) and projecting portions (41, 43) have an overall rounded contour.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2000

(21) Application No.IN/PCT/2000/354/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SYSTEM AND METHOD FOR REPRODUCING A MULTIMEDIA SIGNAL

(51) International classification :H04N 7/52
(31) Priority Document No :99200027.3
(32) Priority Date :06/01/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP99/10306
Filing Date :21/12/1999
(87) International Publication No :WO/00/41400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 13

(57) Abstract :
The present invention relates to a system and method for reproducing a multimedia signal. In a communication system, a multimedia signal is encoded in an encoder (1) and subsequently transmitted over a packet switched network (4) to a terminal (6). The terminal (6) comprises a receiver (8) whose output is connected to a receive buffer (210). The output of the receive buffer (210) is applied to the presentation means (214) which comprises a decoder (216) and a presentation device (218). 'In order to deal with delay variations in the packer switched network (4), it is proposed to change the presentation speed of the multimedia signal dependent on the transmission delay of the multimedia signal. This is done by a controller (212) that determines the number of packets in the buffer (210) and adapts the decoding rate and the playback rate of the multimedia signal accordingly

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2000

(21) Application No.IN/PCT/2000/362/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLYING SHEARS WITH CUTTING TOOLS

(51) International classification :B23D 25/12
(31) Priority Document No :198 09 813.8
(32) Priority Date :09/03/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/01221
Filing Date :25/02/1999
(87) International Publication No :WO/99/46076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FUHRMANN, Karl-Friedrich
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No of Pages : 11
No of Claims : 14

(57) Abstract :
Flying shears (1) with cutting tools (6, 7) located on drums (2, 3) facing each other, which tools are accelerable by at least one driving device (8) assigned to them to a peripheral speed corresponding to the speed of the strip (9) to be cut and with separately controllable adjusting device assigned to one of the drums mounted on rockers (4), characterized in that one of the drums (3) is mounted on rockers (4). that the adjusting device consists of drives (12, 13) effecting the cutting movement and support elements (10) located between said drives and the rockers (4) and 'that the support elements (10) are shortenable to a working position effecting a cut.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2000

(21) Application No.IN/PCT/2000/364/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WIRE SAW

(51) International classification :B23D 61/18
(31) Priority Document No :09/038,300
(32) Priority Date :11/03/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/004874
Filing Date :02/03/1999
(87) International Publication No :WO/1999/046077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BULJAN, Sergej-Tomislav
2)ANDREWS, Richard, M.;
3)GEARY, Earl, G.;

No of Pages : 28
No of Claims : 45

(57) Abstract :
This invention relates to a wire saw has a small diameter metal wire and a layer of abrasive grains fIrmly affixed to the wire surface by a brazed or soldered active metal bond. Preferably, the grains are present in a single layer. The grains are disposed on the surface of the wire in a preselected surface distribution. The wire saw can be made by a completely continuous process involving coating the wire with a paste of metal bond powder components combined with a fugitive liquid binder component. Abrasive grains are deposited into a layer of the paste. Thereafter, the bond composition is fused at elevated temperature to braze the grains to the wire. The abrasive grains can include superabrasive materials, such as diamond and cubic boron nitride. Accordingly, the novel wire saw is suitable for cutting ultra thin wafers ceramic wafers with minimum waste of the work piece.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2000

(21) Application No.IN/PCT/2000/387/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HIGH SPEED SIGNALING FOR INTERFACING VLSI CMOS CIRCUITS

(51) International classification :HO4L 025/06
(31) Priority Document No :60/078,213
(32) Priority Date :16/03/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/05120
Filing Date :08/03/1999
(87) International Publication No : WO/1999/048260
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)EJAZ, Ul

No of Pages : 44
No of Claims : 24

(57) Abstract :
A system of the present invention uses small swing differential source synchronous voltage and timing reference (SSVTR and /SSVTR) signals to compare single-ended signals of the same slew rate generated at the same time from the same integrated circuit for high frequency signaling. The SSVTR and /SSVTR signals toggle every time the valid signals are driven by the transmitting integrated circuit. Each signal receiver includes two compara~ors, one for comparing the signal against SSVTR and the other for comparing the signal against /SSYTR. A present signal binary value determines which comparator is coupled to the receiver output, optionally by using XOR logic with SSVTR and /SSVTR. The coupled comparator in the receiver detects whether change in signal binary value occurred or not until SSVTR and /SSVTR have changed their binary value. The same comparator is coupled if the signal transitions. The comparator is de-coupled if no transition occurs. The system may use a first set of oscillating references on a first bus for detecting transitions in control information and a second set of oscillating references for detecting transitions in data information.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2000
(21) Application No.IN/PCT/2000/394/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS AND APPARATUS FOR EVENING OUT A MOLTEN METAL FILM PRODUCED BY STRIP CASTING

(51) International classification :B22D 11/06
(31) Priority Document No :198 11 434.6
(32) Priority Date :17/03/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/DE99/00589
Filing Date :01/03/1999
(87) International Publication No :WO/99/47292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)URLAU, Ulrich

No of Pages : 12
No of Claims : 17

(57) Abstract :
The invention relates to a process for evening out a molten metal film produced by strip casting, in particular a steel film, in which the melt which has been applied to a circulating belt is to have as uniform as possible a thickness and properties across the width of the strip, by means of a gas stream directed at the surface of the metal film, characterised in that in order to even out the metal film across its width the gas stream is applied to the surface of the metal film counter to the direction of flow of the cast metal film at an angle of between 0 and 80Â° to the vertical.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/03/2000
(21) Application No.IN/PCT/2000/41/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CRYSTALLINE PROPYLENE COPOLYMER COMPOSITIONS AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C08L 23/10
(31) Priority Document No :98202800.3
(32) Priority Date :20/08/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP99/05262
Filing Date :23/07/1999
(87) International Publication No :WO/00/11076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 19
No of Claims : 5

(57) Abstract :
This invention relates to a crystalline propylene copolymer composition with improved sealability, optical properties and reduced solubility having Melt Flow Rate (MFR L) values determined according to ASTMD 1238, condition L from 2 - 15 gl10 min., and comprising percent by weight: A) 20-80% of one or more propylene copolymers selected from the group consisting of (A 1) propylene/ethylene copolymers containing 1-7% of ethylene; (A 2) copolymers of propylene with one or more C4-C8 alpha-olefins in (A 3) copolymers of propylene with ethylene and one or more C4-C8 alpha-olefins, containing 0.5-4.5% of ethylene and 2-6% of C4-C8 alpha- olefins, provided that the total content of ethylene and C4-C8 alpha-olefins in (A 3) be equal to or lower than 6.5%; B) 20-80% of one or more propylene copolymers selected from the group consisting of (B 1) copolymers of propylene with one or more C4-C8 alpha-olefins, containing from more than 10% to 30% of C4-C8 alpha-olefins; (B 2) copolymers of propylene with ethylene and one or more C4-C8 alpha-olefins, '" containing 1-7% of ethylene and 6-15% of C4-C8 alpha-olefins; the said MFR L values (MFR L (2)) being obtained by subjecting to degradation by a known method precursor composition comprising the same components A) and B) in the above said proportions, but having MFR L values (MFR L(l)) from 0.3 to 5 gl10 min., with a ratio MFR L (2) to MFR L (1) of from 2 to 20. This invention also relates to a process for preparing the crystalline propylene copolymer composition

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2000

(21) Application No.IN/PCT/2000/418/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A RECORD CARRIER AND A METHOD OF MANUFACTURING THE SAME

(51) International classification :G11 B7/007
(31) Priority Document No :99200201.4
(32) Priority Date :25/01/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/00224
Filing Date :11/01/2000
(87) International Publication No :WO/00/43996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 11

(57) Abstract :
A record carrier comprising a servo track (4) indicating an information track (9) intended for recording information blocks represented by marks having lengths expressed in channel bits, which servo track (4) has a periodic variation of a physical parameter which periodic variation is modulated for encoding record carrier information, characterized in that said modulation is a bi-phase modulation in which a data bit of the record carrier information is encoded by a first pre-determined number of variations of a first phase followed by the same number of variations of a second .phase inverse to the first phase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2000
(21) Application No.IN/PCT/2000/447/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTROCOAGULATION TREATMENT DEVICE FOR TREATMENT OF A FLOW OF LIQUID AND A METHOD THEREOF

(51) International classification :C02F 1/463
(31) Priority Document No :60/076,298
(32) Priority Date :27/02/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/004312
Filing Date :26/02/1999
(87) International Publication No :WO/1999/043617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 42
No of Claims : 29

(57) Abstract :
An electrocoagulation treatment device includes a plurality of spaced reaction plates disposed within a reaction chamber. A voltage is applied to selected reaction plates to create an electrical field within the electrocoagulation chamber. The plates are arranged vertically with respect to the chamber which induces a vertical flow of liquid through a device. Gases formed in the electrocoagulation process are allowed to rise to the top of the liquid line and can be vented to the atmosphere. The solids which precipitate out of the liquid stream are carried by the liquid stream to secondary separation. Any remaining solids can be removed as sludge through a drain in the bottom of the device. A foam cover is provided to isolate the electrical connections of the plates from moisture. The top cover is provided to isolate the chamber for safety purposes. The device may be manufactured as a large industrial unit, a portable unit or a unit adapted for use within the home. The device may be operated in a pressure controlled environment, thus eliminating the need for a pump when the liquid stream is already pressurized. The voltage and amperage of the electrical field within the reaction chamber may be adjusted as necessary by placing selected reaction plates in electrical contact with the voltage source. The incoming line voltage itself may be kept at a constant which eliminates the need for a separate transformer. The reaction plates are easily removed from the reaction chamber and may be replaced individually or as a set.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2000

(21) Application No.IN/PCT/2000/45/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR MANUFACTURING CRYSTALLINE SILK FIBROIN POWDER

(51) International classification :C08J 3/12
(31) Priority Document No :11-157178
(32) Priority Date :03/06/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP99/07197
Filing Date :21/12/1999
(87) International Publication No :WO/00/75219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 35
No of Claims : 5

(57) Abstract :
The main theme of the invention is to provide a method for manufacturing industrially, by mechanically comminuting silk yarn, crystalline silk fibroin powder below 3..um in an average particle diameter, which can be used for various applications. A silk substance such as cocoon filament, silk yarn, or raw silk is brought into an alkali aqueous solution under a pressure of 1 through 5 atmospheric pressure at temperatures from 100.C through 150.C to reduce the tensile strength of the silk substance to around 0.02 g/d or less. Thereafter, the resultant silk substance is subjected to dealkalization and rying.Subsequently, the resul tant dried silk substance is comminuted into powder below 3..um in an average particle diameter. Thus, rystalline silk fibroin powder below 3..um in an average particle diameter is manufactured.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2000
(21) Application No.IN/PCT/2000/460/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SUDDEN BRAKING APPARATUS FOR A PRESS

(51) International classification :B30B 15/10
(31) Priority Document No :1998/5327
(32) Priority Date :04/04/1998
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR99/00158
Filing Date :01/04/1999
(87) International Publication No :WO/99/51427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 2

(57) Abstract :
The present invention relates to a sudden braking apparatus of a press, on a press which comprises a flywheel (5) and a small gear (9) combined through the medium of a pulley and a belt of driving motor mounted on a rotational axis (3) installed horizontally to a supporting frame, a slide-block (12) and a large gear mounted on the crankshaft which is set up under the rotational axis (3) and, in addition, a small gear (9) and large gear engaged with each other so that the large gear (10) rotates with the rotatory force transmitted through the flywheel (5) and then makes the slide-block (12) elevate up and down, which is characterized in that the apparatus comprises a circular guide (19) set up to the crankshaft (11b) and having a lining (16), a radial toothed gear (18) and a groove (15) taperingly formed along the side of the circumference in the central part of the body; a clutch plate (22) having a radial toothed gear matching the radial toothed gear (18) fixed to a large gear (10); and a fork (24) having one pair of rollers installed on the end parts of both sides of the body for free rotation and installed to the supporting frame (2).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2000
(21) Application No.IN/PCT/2000/467/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS AND DEVICE FOR REGULATION OF A RING FURNACE

(51) International classification :F27B 13/12
(31) Priority Document No :98/04404
(32) Priority Date :03/04/1998
(33) Name of priority country :France
(86) International Application No : PCT/FR99/00731
Filing Date :30/03/1999
(87) International Publication No :WO/99/51925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 19

(57) Abstract :
The regulation process for a furnace (1) comprising a sequence of sections Ci' cooling sections (23), baking sections (22) and preheating sections (21), in which the preheating sections at the tail are fitted with exhaust pipes Aj (210) for combustion gases (34), and in the transverse direction comprising a series of flue walls Clij (3) and pits Alij (4) in which blocks ~ontaining carbon to be baked (40) are stacked, in which gas streams (33, 34) circulate through the said flu,e walls, and characterized in that the mass flow DGj in each of the streams of combustion exhaust gases Gj (34) is regulated by measuring this flow and the temperature Tj in order to obtain a predetermined set value -of the product DGj. (Tj-Ta) .Cg, where Tj and Ta are the temperature of the said stream of combustion exhaust gases Gj and of the ambient air respectively, and Cg is the specific heat of combustion exhaust gases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2000
(21) Application No.IN/PCT/2000/485/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND A COMPOSITION FOR PRODUCING A CERAMIC FOAMS

(51) International classification :C04B 35/624
(31) Priority Document No :123969
(32) Priority Date :06/04/1998
(33) Name of priority country :Israel
(86) International Application No :PCT/IL99/00150
Filing Date :17/03/1999
(87) International Publication No :WO/99/51541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 31
No of Claims : 40

(57) Abstract :
The present invention relates to a method and a composition for producing a ceramic foam based on at least one precursor that contains at least one ceramic-forming element, the method comprising the step of: liberating at least one volatile reaction product during an inorganic gelation process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2000

(21) Application No.IN/PCT/2000/496/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COFFEE AROMA RECOVERY PROCESS AND AROMA PRODUCT

(51) International classification	:A23F 5/32
(31) Priority Document No	:09/057,741
(32) Priority Date	:09/04/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP99/00747
Filing Date	:04/02/1999
(87) International Publication No	:WO/99/52378
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)YUNKER, Kenneth, A

No of Pages : 22
No of Claims : 7

(57) Abstract :
A process for the recovery of aroma components from coffee. A slurry of coffee grounds in an aqueous liquid is subjected to stripping for stripping aroma components from the slurry. The stripping is carried out using gas in a substantially counter-current manner to provide an aromatised gas containing aroma components. The aroma components are then collected from the aromatised gas. The aroma components may be added to concentrated coffee extract prior to drying of the extract. The coffee powder produced has much increased and improved aroma and flavour and contains higher levels of furans and diketones.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2000

(21) Application No.IN/PCT/2000/51/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HOME-NETWORK AUTOCONFIGURATION

(51) International classification :H04L 12/28
(31) Priority Document No :09/133,622
(32) Priority Date :13/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP99/05767
Filing Date :04/08/1999
(87) International Publication No :WO/2000/010295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 10

(57) Abstract :
The present invention relates to an information processing system and a method of enabling sharing. Two PCs (102, 104) are automatically configured in a network in order to share resources (108, 110, 112, 114; resp. 116, 118, 120, 122) registered at the individual PCs (102, resp. 104). Services and resources (108, 110, 112, 114; resp. 116, 118, 120, 122) local to one PC (102, resp. 104) are registered with the other PC (104; resp. 102) and vice versa. The registry (124, resp. 126) hides whether a service or resource is remote or local. In operational use of the network (100), a resource or service local to one PC is addressable from the remote PC as if it were local to the latter. A home network of PCs is configured automatically in this matter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2000

(21) Application No.IN/PCT/2000/545/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TOY SET

(51) International classification	:A63H 33/08
(31) Priority Document No	:PCT/BE98/00043
(32) Priority Date	:26/03/1998
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/BE1999/000039
Filing Date	:22/03/1999
(87) International Publication No	:WO/1999/048582
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 26
No of Claims : 21

(57) Abstract :
The present invention relates to a toy set comprising at least a first, second, third and fourth body provided to be mated adjacent each other and on top of each other, enabling to build a construction wherein a large number of configurations of bodies with respect to each other is rendered possible. The present invention further relates to a body for use in a toy set and use of the body as a cap of a recipient or as a recipient.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2000

(21) Application No.IN/PCT/2000/547/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A VARIABLE FOCUS LENS

(51) International classification :G02B 3/14
(31) Priority Document No :GB 9805977.7
(32) Priority Date :19/03/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB99/00747
Filing Date :18/03/1999
(87) International Publication No :WO/99/47948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 23
No of Claims : 10

(57) Abstract :
A variable focus lens comprising a transparent envelope at least partially defined by a flexible, transparent membrane (2) and containing a transparent fluid (4), a frame member (8) engaging one face of the flexible membrane (2) and a ring member (10, 12) engaging an opposite face of the flexible membrane (2), the ring member (10, 12) and the frame member (8) being urged towards each other by retaining means, wherein the respective surfaces (38, 40) of the frame member (8) and the ring member (10, 12) that engage the flexible membrane are substantially complementary and profiled so as to cause a peripheral region of the flexible membrane to change L direction more than once, and wherein at least one of the engaging surfaces (38, 40) is provided with a coating of high friction material to increase the frictional force between the at least 'one profiled surface and the flexible membrane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2000

(21) Application No.IN/PCT/2000/551/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HYDROXY PHENYL BUTYRATES

(51) International classification :C07C69/76
(31) Priority Document No :775/98
(32) Priority Date :31/03/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP1999/001915
Filing Date :22/03/1999
(87) International Publication No :WO/1999/050223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEROLD, Peter
3)INDOLESE, Adriano
4)BURCKHARDT, Stefan

No of Pages : 18
No of Claims : 3

(57) Abstract :
This invention relates to a novel advantageous process for the stereoselective preparation of 2-hydroxy-4-phenylbutyrates (HPB esters) and of their precursors. This is done by starting from readily accessible a-unsaturated a-hydroxy-y-keto esters which can be prepared by Claisen condensation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2000
(21) Application No.IN/PCT/2000/553/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FOLDABLE TUBE

(51) International classification :E21B 43/10
(31) Priority Document No :98303147.7
(32) Priority Date :23/04/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP99/02838
Filing Date :22/04/1999
(87) International Publication No :WO/1999/055999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LOHBECK, Wilhelmus, Christianus, Maria

No of Pages : 16
No of Claims : 14

(57) Abstract :
A foldable tube (1) comprising a tubular wall having at least three elongate relatively flexible areas (2 to 9) where the wall is more flexible than other areas of the wall, which areas are oriented in a substantially parallel direction relative to each other along at least a substantial part of the length of the tube (1) so that in use said areas form hinges which define wall segments that are inwardly foldable to bring the tube into a contracted shape and that can be unfolded to bring the tube into a substantially cylindrical or elliptical shape, characterized in that the tube (1) is a liner tube for providing a lining within a substantially cylindrical or elliptical tubular cavity (27) and the hinges of the unfolded tube are in use located in the vicinity of the wall of the cavity (27)such that the wall segments between the hinges inhibit refolding of the unfolded liner tube.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2000
(21) Application No.IN/PCT/2000/575/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A THERMALLY STABLE FIREPROOF,NON-EXPLOSIVE SOLID MIXTURE AND A METHOD FOR THE PREPARATION OF THE SAME

(51) International classification :A16K 31/26
(31) Priority Document No :198 19 012.3
(32) Priority Date :29/04/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/002884
Filing Date :27/04/1999
(87) International Publication No :WO/1999/055328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HEINZELMANN, Walter
2)RULOFF, Cornelius

No of Pages : 112
No of Claims : 3

(57) Abstract :
This invention relates to a thermally stable, fireproof, non-explosive solid mixture containing nitroglycerin and anhydrous lactose, wherein it contains a mixture of (4+x)% by weight nitroglycerin and (96-x)% by weight anhydrous lactose, with respect to the mixture of nitroglycerin/anhydrous lactose, where x can assume values of 0 to 9. This invention also relates to a method of preparation of the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2000

(21) Application No.IN/PCT/2000/579/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS AND APPARATUS FOR EXPLOSIVELY EXPANDING LIGNOCELLULOSIC MATERIAL

(51) International classification :A23K 01/10
(31) Priority Document No :09/070,576
(32) Priority Date :30/04/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/003624
Filing Date :19/02/1999
(87) International Publication No :WO/1999/056555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DALE, Bruce, E
2)WEAVER, Jusin, K

No of Pages : 29
No of Claims : 10

(57) Abstract :
The Ppresent invention relates to a process and screw in barrel apparatus for expanding lignocellulosic cellulosic materials . The expanded cellulosic material is useful as an animal feed and a nutrient source for fermentation processes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2000

(21) Application No.IN/PCT/2000/580/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MATERIAL-MACHINING DEVICE HAVING A LASER BEAM WHICH IS INJECTED INTO A LIQUID JET

(51) International classification	:B23K 26/06
(31) Priority Document No	:198 19 429.3
(32) Priority Date	:30/04/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/CH1999/000180
Filing Date	:30/04/1999
(87) International Publication No	:WO/1999/056907
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICHERZHAGEN, Bernold;

No of Pages : 21
No of Claims : 11

(57) Abstract :
A process for machining the material of workpieces using a laser beam which is injected into and guided in a liquid jet, characterized in that in this process three requirements have to be satisfied together, namely in a fIrst processing step the laser beam being with a radiation focusing cone onto a channel-entry plane of a nozzle channel which shapes the liquid jet, in a second processing step said liquid which is to be shaped into a jet by the nozzle channel be supplied to the nozzle-channel opening without turbulence, and in a third processing step said liquid being supplied to the chanpel opening without a tangential flow component with respect to the nozzle- channel axis and with a rapid flow velocity and without liquid retention spaces, into the immediate vicinity of the radiation-focusing cone, as a result of the flow of liquid being divided into a plurality of equal partial flows which flow in radially and are spaced apart at uniform angles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2000

(21) Application No.IN/PCT/2000/581/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A STENCH TRAP FOR A URINAL

(51) International classification :E03C 1/298
(31) Priority Document No :1001/98
(32) Priority Date :05/05/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH1998/000565
Filing Date :30/12/1998
(87) International Publication No :WO/1999/057382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KELLER HANS

No of Pages : 12
No of Claims : 11

(57) Abstract :
A stench trap for a urinal (1), comprising an interchangeable pot (17) for insertion in the urinal (1), a cover (29) for covering the pot (17), wherein the cover (29) has an opening (31) for introducing urine (35) into the pot (17), a baffle (18, 30, 34) projecting into the pot (17) for restraining sewer stench from the outlet connection (5), and a stench trap floating on the urine (35) intended to accumulate in the pot (17), characterized in that the stench trap is constructed as a float (33) designed to seal off the opening (31) in the cover (29).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2000

(21) Application No.IN/PCT/2000/593/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A VERTICAL STRIP STORAGE SYSTEM

(51) International classification :B21C 49/00
(31) Priority Document No :198 16 057.7
(32) Priority Date :09/04/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/002341V
Filing Date :07/04/1999
(87) International Publication No :WO/1999/052804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DE KOCK, Peter
2)SOHL, Ralf-Hartmut
3)DIEKMANN, Christoph
4)BACHMANN, Uwe

No of Pages : 7
No of Claims : 3

(57) Abstract :
A vertical strip storage system has a support structure and a storage car connected to the support structure by cables in the fashion of a pulley block so as to be lifted and lowered relative to the support structure. The storage car is provided with a counterweight and with deflection pulleys which deflect and guide an incoming and/or outgoing strip in cooperation with stationary deflection pulleys on the ground. The support structure is a free-standing column without lateral supports and the storage car is a salient vehicle running on the outer surface of the column, wherein the column has an interior and the counterweight is guided in the interior of the column.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2000

(21) Application No.IN/PCT/2000/599/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ENGINE CAPABLE OF BEING RUN ON VARIOUS TYPES OF FUELS

(51) International classification :F02B 19/16
(31) Priority Document No :60/084, 040
(32) Priority Date :04/05/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/9691
Filing Date :03/05/1999
(87) International Publication No :WO 99/57427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XRDI INCORPRATED
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(72)**Name of Inventor :**
1)ALLEN, Charles, Andrew

No of Pages : 36
No of Claims : 21

(57) Abstract :
An engine capable of use with multiple different types of fuels including gasoline, alcohol based fuels, and heavy fuels such as diesel, JP5, JP8, Jet A, and kerosene based fuels. The engine includes a main cylinder having a compression chamber at one end and a piston that is movable along the length of the cylinder and which connects to a crankshaft for the engine . A fuel delivery system delivers a combustible mixture of fuel and air through a fuel delivery valve into the combustion chamber at a sonic velocity of flow such that the fuel is substantially atomized into the air of the combustible mixture delivered to the combustion chamber . The combustible mixture is ignited by an igniter within the combustion chamber to urge the piston along the cylinder for driving the crankshaft of the engine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2000

(21) Application No.IN/PCT/2000/605/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR OPERATING AND DETERMINING POSITION FROM A SATELLITE POSITIONING SYSTEM

(51) International classification :G01S 5/02
(31) Priority Document No :09/072,405
(32) Priority Date :04/05/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/08085
Filing Date :13/04/1999
(87) International Publication No :WO/1999/057576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SNAPTRACK INCORPORATED.
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(72)**Name of Inventor :**
1)KRASNER, Norman, F.

No of Pages : 27
No of Claims : 17

(57) Abstract :
A method and an apparatus for operating a satellite positioning system (SPS) receiver in a client/server architecture. In one example of a method, a first plurality of pseudoranges is determined at a first time and a second plurality of pseudoranges is determined at a second time which is after the first time. The first and the second pluralities of pseudoranges are stored. After the second time, the first and the second pluralities of pseudoranges are transmitted to a location server, normally in one transmission. The location server then determines a first position from the first plurality of pseudoranges and a second position from the second plurality of pseudoranges. In one particular example, the first and second pseudoranges are transmitted in response to a predetermined type of event, and the location server stores a collection of differential GPS data which has been collected over time.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2000
(21) Application No.IN/PCT/2000/606/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR DERTERMINING A POSITION OF A MOBILE SATELLITE POSITIONING SYSTEM RECEIVER AND A DATA PROCESSING STATION

(51) International classification :G01S 5/02
(31) Priority Document No :09/073,107
(32) Priority Date :05/05/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/008270
Filing Date :13/04/1999
(87) International Publication No :WO/1999/057575
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHEYNBLAT, Leonid

No of Pages : 27
No of Claims : 32

(57) Abstract :
A method and apparatus for determining a position of a mobile satellite positioning system (SPS) receiver. In one example of a method, a cell object information is determined; this cell object information comprises at least one of a cell object location or a cell object identification. An altitude is determined from the cell object information which is selected based upon a cell site transmitter which is in wireless communication with a cell based communication system which is coupled to (and typically integrated with) the mobile SPS receiver. The position of the mobile SPS receiver is calculated using the altitude which is determined from the cell object information. In another example of a method, an altitude pseudomeasurement is determined from an estimate of an altitude of the mobile SPS receiver. This estimate of the altitude may be from a cell based information source in a cell based system or may be an average altitude of the area of radio coverage of a wireless base station in the non-cell based system. The altitude pseudomeasurement may be used as a redundant measurement with fault detection and isolation techniques to determine whether at least one pseudorange has a faulty condition. Alternatively (or in addition), a comparison of the estimated altitude to a calculated altitude determines a condition of at least one pseudorange between an SPS satellite and the mobile SPS receiver. In one embodiment of this example, the position is determined from a position solution algorithm, and if the condition is a first state (not a fault state) the at least one pseudorange is used in the position solution algorithm.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2000

(21) Application No.IN/PCT/2000/613/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF S- N,N'- BIS[2- HYDROXY-1- (HYDROXYMETHYL) ETHYL]-5- [(2- HYDROXY-1- OXOPROPYL)- AMINO]- 2,4,6- TRIIODO- 1,3- BENZENEDICARBOXAMIDE

(51) International classification :C07C 231/02
(31) Priority Document No :MI98A001005
(32) Priority Date :08/05/1998
(33) Name of priority country :Italy
(86) International Application No :PCT/EP99/02804
Filing Date :26/04/1999
(87) International Publication No :WO/1999/058494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)INCANDELA, Salvatore

No of Pages : 21
No of Claims : 12

(57) Abstract :
A process for the preparation of S- N,N'- bis[2- hydroxy-1- (hydroxymethyl) ethyl]- 5-[(2- hydroxy-1- oxopropyl)amino]- 2,4,6- triiodo- 1,3- benzenedicarboxamide, comprising the formation of S- N,N'- bis[2- hydroxy- 1(hydroxymethyl)ethyl]- 5-[(2- (acetyloxy)- 1-oxopropyl)amino]- 2,4,6- triiodo-1,3- benzenedicarboxamide starting from S-(-)- 5-[[2- (acetyloxy)- 1-oxopropyl]amino]- 2,4,6- triiodo- 1,3- benzenedicarboxylic acid dichloride and 2- a mino-1,3- propanediol in a solvent, characterized in that the solvent is selected from the group consisting of: lower alcohols, monoalkyl ether glycols and straight or branched cyclic alkyl ethers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2000

(21) Application No.IN/PCT/2000/688/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STECKEL HOT ROLLING MILL

(51) International classification :B21B 37/54
(31) Priority Document No :198 18 207.4
(32) Priority Date :23/04/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/02652
Filing Date :20/04/1999
(87) International Publication No :WO/1999/055474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SUDAU, Peter
2)JEPSEN, Olaf, Norman

No of Pages : 10
No of Claims : 6

(57) Abstract :
The invention relates to a Steckel hot rolling mill comprising at least one reversing roll stand (1) as well as coilers (6, 7) which are positioned upstream and downstream and present torque-controlled drives. The aim of the invention is to improve such a hot rolling mill in such a way that it optimally counteracts variations in tension and/or mass flow caused by changes in process parameters and allows for high-quality hot rolling, especially of very thin hot-rolled strips. To this end the invention provides for a looper (8, 9) to be positioned between both the coilers (6, 7) and the reversible roll stand (1), which supplies actual values for adjusting tension and mass flow.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2000
(21) Application No.IN/PCT/2000/689/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MARKING SYSTEM

(51) International classification :B41M 3/00
(31) Priority Document No :09/108,526
(32) Priority Date :01/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/11207
Filing Date :20/05/1999
(87) International Publication No :WO/2000/001533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KAISER, Richard, J.;
2)URBANSKI, Arthur, N.;

No of Pages : 34
No of Claims : 50

(57) Abstract :
The present invention relates to a marking system comprising a composition comprising at least one color precursor and at least one additive selected from the group consisting of surfactants, antioxidants, buffers and any combination thereof; a substrate provided with a coating that comprises a color-triggering developer; and a marking instrument for applying said composition to said substrate to form at least one color mark exhibiting a fabric fugitivity defined in terms of l:1E, wherein the E is about 5 or less.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2000

(21) Application No.IN/PCT/2000/69/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMPUTER SYSTEM FOR ANALYSING DATA IN CONNECTION WITH DISPUTE

(51) International classification :G06F 17/60
(31) Priority Document No : 09/130,154
(32) Priority Date :06/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/17737
Filing Date :06/08/1999
(87) International Publication No :WO/00/08582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BURCHETTA, James, D.
2)BROFMAN, Charles, S.

No of Pages : 81
No of Claims : 27

(57) Abstract :
A computerized system for automated dispute resolution through an Intranet website via the Internet or other communications linkage for communicating and processing a series of demands to satisfy a claim made by or on behalf of a claimant or other person involved in a dispute with at least one other person, such as a defendant, his insurer, or other sponsor, and a series of offers to settle the claim through at least one central processing unit including operation system software for controlling the central processing unit is disclosed. Preferably, the system also allows for the collection, processing, and dissemination of settlement data generated from settlements through the operation of the system for use by sponsors and claimants in establishing the settlement value of future cases. Also disclosed is a method for communicating and processing a series of demands and a series of offers through the system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2000
(21) Application No.IN/PCT/2000/717/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS OF MAKING A SHAPED IRRADIATION CROSSLINKED ARTICLE, A SHAPED INTERPOLYMER PREPARED BY THE PROCESS AND A PERSONAL HYGIENE ITEM

(51) International classification :C08F 255/02
(31) Priority Document No :60/087,536
(32) Priority Date :01/06/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/11745
Filing Date :27/05/1999
(87) International Publication No : WO/1999/063021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MAUGANS, Rexford, A.
3)KNICKERBOCKER, Edward, N.

No of Pages : 74
No of Claims : 18

(57) Abstract :
The present invention relates to a process of making a shaped irradiation crosslinked article comprising the steps of: (a) proving at least one homogeneously branched ethylene interpolymer, which comprIses: (iii) ethylene interpolyrnerized with at least one other monomer and characterized as having a polymer density, as measured in accordance with ASTM D792, of less than 0.90 g/ cm3 at 23Â°C, and: (ii) at least one nitrogen-containing stabilizer.(b) fabricating or shaping the article from the interpolymer, and (c) after the fabrication or shaping, subjecting the article to ionizing radiation to irradiation crosslink the article.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2000
(21) Application No.IN/PCT/2000/798/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN INTEGRATED PROCESS FOR PROCESSING HYDROCARBON FEED STREAM

(51) International classification :C07C 7/14
(31) Priority Document No :60/089,251
(32) Priority Date :12/06/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/13015
Filing Date :10/06/1999
(87) International Publication No :WO/1999/064381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)RUTTEN, Philippe, W., M.
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3)HUBBELL, Douglas, S.

No of Pages : 58
No of Claims : 22

(57) Abstract :
This invention relates to a continuous process for integrated processing of a C-8+ aromatic hydrocarbon stream is disclosed for recovery of a high purity meta-xylene product in conjunction with efficient separation and recovery of purified para-xylene and, optionally, purified ortho-xylene products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2000

(21) Application No.IN/PCT/2000/867/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS AND APPARATUS FOR RENDERING AN OPTICALLY ENCODED MEDIUM UNREADABLE

(51) International classification :B32B 3/00
(31) Priority Document No :USA 60/090,682
(32) Priority Date :25/06/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/14528
Filing Date :25/06/1999
(87) International Publication No :WO/99/67085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ZEPP, Charles, M.
3)NORLAND, Kenneth, S.

No of Pages : 40
No of Claims : 40

(57) Abstract :
The present invention relates to methods and apparatus for rendering an optically encoded medium unreadable. The method includes steps of (a) providing the media with an optically activated mechanism that degrades the reflectivity of a surface wherein information is encoded; (b) exposing the media to optical radiation for reading out the information; and during the step of exposing; (c) initiating the operation of the optically activated mechanism. In this embodiment the step of initiating includes steps of (d) generating singlet oxygen in a layer disposed on the media; and (e) reacting the singlet oxygen with a metal-containing layer for oxidizing the surface of the metal-containing layer, thereby degrading the reflectivity of the surface. In a further aspect the optically activated mechanism causes a defocusing of a readout beam, thereby degrading reflection of the readout beam from a surface wherein information is encoded. In another embodiment the method deforms a surface of the layer resulting in readout beam aberration or in an inability to correctly stay on track. In another embodiment a portion of the surface is removed to the atmosphere, such as by evaporation of sublimation. In this embodiment a layer of the media is comprised of a volatile component and at least one other component. Removing at least some of volatile component by evaporation or sublimation causes an increase in at least one of photoabsorption or scattering or surface roughness with the remaining component, thereby rendering at least a portion of encoded information of the media unreadable, or affecting the tracking operation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2000

(21) Application No.IN/PCT/2000/888/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SCALEABLE INTEGRATED DATA PROCESSING DEVICE

(51) International classification :H01L 21/98
(31) Priority Document No :19982518
(32) Priority Date :02/06/1998
(33) Name of priority country :Norway
(86) International Application No :PCT/NO1999/000180
Filing Date :02/06/1999
(87) International Publication No :WO/1999/066551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 67
No of Claims : 17

(57) Abstract :
A scaleable integrated data processing device comprises a processing unit with one or more processors and a storage unit with one or more memories provided respectively in one or more processor layers (P), memory layers (M) or combined processors/memory layers (MP) which form main layers in the device. Each main layer comprises electrical conducting structures which form internal electrical connections in three 10 dimensions in the layer. The data processing device also comprises a carrier substrate. Each main layer (P,M,MP) is formed of a number of sublayers, which each comprises respectively dielectric, semiconducting and electrical conducting portions which are provided such that they form integrated active and passive circuit elements which are included in the processors and the memories, the circuit elements, the processors and the memories being mutually connected by the electrical conducting structures in each main layer. Further electrical conducting structures are provided in the data processing device in order to interconnect the main layers mutually and/or the main layers with the substrate or in order to create a connection to the exterior of the data processing device.The integrated data processing device has a scalable architecture such that it in principle can be configured with almost unlimited processor and memory capacity. Particularly can the data processing device implement various forms of scalable parallel architectures integrated with optimal interconnectivity in three dimensions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2000

(21) Application No.IN/PCT/2000/899/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A POWDER COATING COMPOSITION AND A PROCESS FOR FORMING A COATING ON A SUBSTRATE

(51) International classification :C09D 5/03
(31) Priority Document No :9814519.6
(32) Priority Date :03/07/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB1999/002109
Filing Date :02/07/1999
(87) International Publication No :WO/2000/001775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 41
No of Claims : 21

(57) Abstract :
The present invention relates to a powder coating composition which incorporates,by dry blending ,a wax-coated silica additive in finely divided form.The present invention also relates to a process for forming a coating on a substrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2001

(21) Application No.IN/PCT/2001/101/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS FOR SPINNING A SYNTHETIC YARN

(51) International classification :D01D 5/092
(31) Priority Document No :19833188.6
(32) Priority Date :23/07/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/05203
Filing Date :21/07/1999
(87) International Publication No :WO/2000/005439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ENDERS, Ulrich
6)HUTTER, Hans-Gerhard
7)SENGE, Peter
8)NITSCHKE, Roland
9)MÃœLLER, Gerhard

No of Pages : 27
No of Claims : 18

(57) Abstract :
An apparatus for spinning a synthetic yarn, which is formed by combining a filament bundle consisting of a plurality of individual filaments and which is wound to a package by a takeup device downstream of the spinning apparatus, the apparatus comprising a spinneret; a cooling tube extending at a distance from spinneret downstream thereof, the cooling tube comprising an inlet with a narrowest cross section in cooling tube, a cylindrical portion connected to the inlet, and an outlet; a . gas-permeable inlet cylinder arranged between spinneret and inlet of cooling tube; a suction device that connects to the outlet of cooling tube such that it generates an air stream in cooling tube in direction of the advancing yarn; and an air supply device for generating an additional cooling air stream in axial direction of the cooling tube for cooling filaments, characterized in that the air supply device is formed in direction of the advancing yarn downstream of the inlet in the region of the cooling tube or downstream of the outlet of the cooling tube.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2001

(21) Application No.IN/PCT/2001/1015/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : INSTALLATION FOR PRODUCING MULTI-LAYERE COMPOSITE TUBES

(51) International classification :B29C 47/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DE99/00224
Filing Date :29/01/1999
(87) International Publication No :WO/00/44546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 18

(57) Abstract :
Described is an installation (10) for producing multi-layer composite tubes (116). The installation (10) has a metal strip unwinding device (44), a metal strip storage device (48) adjoining the metal strip unwinding device (44), a metal strip shaping device (36) adjoining the metal strip storage device (48), an extruder station (12) adjoining the metal strip shaping device (36), and a cooling device (50) adjoining the extruder station (12). The metal strip shaping device (36) serves for shaping the metal strip (38) which is unwound from the metal strip unwinding device (44) into a metal tube with overlapping longitudinal edges which are welded to form the metal tube by means of a welding station (32) at the extruder station (12). In the extruder station (12) the metal tube is covered with an inner plastic layer in fixedly adhering relationship and with an outer plastic layer in fixedly adhering relationship. The composite tube produced in that way is cooled to ambient temperature in the cooling device (50).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2001
(21) Application No.IN/PCT/2001/102/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN APPARATUS AND A METHYOD FOR SPINNING A SYNTHETIC YARN

(51) International classification :D01DÂ 5/092
(31) Priority Document No :198 27 518.8
(32) Priority Date :22/06/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/04225
Filing Date :17/06/1999
(87) International Publication No :WO 99/67450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)WEIMER DIETER

No of Pages : 33
No of Claims : 27

(57) Abstract :
An apparatus and method for spining a synthetic yarn, wherein a heated polymeric melt is extruded throuigh a spinneret and the resulting filaments are combined and wound to a package by means of a take-up device located downstream of the spinneret, and an inlet cylinder which has a gas permeable wall is positioned between the inlet cylinder and the cooling tube. The cooling tube connects to an air stream generator in such a manner that an air stream develops in the cooling tube in the direction of the advancing yarn. The air stream is formed by a quantity of air that enters the cooling tube via the inlet cylinder, and the inlet cylinder is subdivided in the direction of the advancing yarn into several zones, each with a different gas permeability, for controlling the quantity of air entering the inlet cylinder. It is thereby possible to influence with advantage the precooling of the yarn and the formation of the air stream.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2001
(21) Application No.IN/PCT/2001/1033/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVICE AND METHOD FOR SWITCHING FROM A FIRST COMPRESSED DATA INPUT STREAM TO A SECOND COMPRESSED DATA INPUT STAREAM

(51) International classification :H04N 7/24
(31) Priority Document No :99402911.4
(32) Priority Date :23/11/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/10900
Filing Date :02/11/2000
(87) International Publication No :WO/01/39502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 6

(57) Abstract :
A switching device SW allows to switch from a first compressed data input stream IS1 to a second compressed data input stream IS2, resulting in a compressed data output stream OS. This switching device comprises a buffer system BS intended to store the data contained in the first and second input streams, and control means CONT which controls the storage of the input streams in the buffer system in order to switch, at a switch request SWR, from the first input stream to the second input stream, using a commutation device COM.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2001

(21) Application No.IN/PCT/2001/107/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE TEXTURING OF VARNS OF SYNTHETIC FILAMENTS

(51) International classification :D06M 13/224
(31) Priority Document No :19833305.6
(32) Priority Date :24/07/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/05018
Filing Date :15/07/1999
(87) International Publication No :WO/2000/005447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 10

(57) Abstract :
The invention relates to a method for texturing yarns made of synthetic filaments, according to which a preparation containing at least a water-soluble lubricant (A) and a water-insoluble liquid (B) having a viscosity of between 2 and 50 mPas (20 Â°C, measured according to DIN 53015), and possibly emulsifiers and/or wetting agents and other additives is applied onto the yarn in the form of an aqueous emulsion, after which the filaments are subjected to texturing in accordance with the false twist principle on texturing machines having a short high-temperature heater.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2001

(21) Application No.IN/PCT/2001/1082/CHE A

(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF MEASURING TIME OF ARRIVAL OF SATELLITE SIGNALS RECEIVED IN A SATELLITE POSITIONING SYSTEM (SPS) RECEIVER

(51) International classification :G01S 5/14
(31) Priority Document No :09/241,334
(32) Priority Date :01/02/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/01704
Filing Date :24/01/2000
(87) International Publication No :WO/2000/045191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 49

No of Claims : 57

(57) Abstract :
A method and apparatus is disclosed for measurement processing of Satellite Positioning System (SPS) signals. A plurality of SPS signals from a corresponding plurality of SPS satellites are received in an SPS receiver. The signal environment corresponding to the location in which the SPS receiver is located is characterized to produce signal environment data. In one exemplary embodiment, an information source, such as a cellular network based database, is searched to retrieve the signal environment data given an approximate location of the GPS receiver. This approximate location may be specified by a location of a cell site which is in cellular radio communication with a cellular communication device which is co-located with the GPS receiver. One or more parameters related to signal characteristics of the satellite signals are defined. Threshold values for the parameters are determined using the signal environment data. Code phases corresponding to times of arrival of respective satellite signals from the plurality of satellites are measured. The data representing measured times of arrival are examined using threshold values for the parameters to produce a set of times of arrival from which a location fix for the GPS receiver is calculated. Other methods and apparatuses for other embodiments of the invention are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2001

(21) Application No.IN/PCT/2001/1133/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 5-CYANOPHTHALIDE

(51) International classification :C07D 307/88
(31) Priority Document No :PA 1999 00128
(32) Priority Date :29/01/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2000/000032
Filing Date :26/01/2000
(87) International Publication No :WO/2000/044738
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 9
No of Claims : 10

(57) Abstract :
A process for the preparation of 5-cyanophthalide NC comprising reaction of 5-carboxyphthalide 0 Formula In with a dehydrating agent and a sulfonamide of the formula H2N-SO2-R (Formula V) wherein R is NH2, Cl-6 alkyloxy, phenyloxy, phenyloxy substituted with halogen, CI-4-alkyl, cyano, hydroxy, CI-4- alkoxy, trifluoromethyl, nitro, amino, CI-4-alkylamino or di-Cl-4- alkylamino, or phenyl substituted with one or more electron withdrawing substituents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2001

(21) Application No.IN/PCT/2001/114/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WIPER BLADE FOR WINDOWS/LENS GLASSES OF MOTOR VEHICLES

(51) International classification	:B60S 1/38
(31) Priority Document No	:199 24 661.0
(32) Priority Date	:28/05/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2000/001618
Filing Date	:19/05/2000
(87) International Publication No	:WO/2000/073111
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 18
No of Claims : 15

(57) Abstract :
A wiper blade is proposed that serves for cleaning windows/lens glasses of motor vehicles. The wiper blade (10) is provided with an elongated, elastomeric wiper strip (16) which can be placed against the window/lens glass (24) and is arranged on and parallel to the longitudinal axis of the one band surface (14) of a resilient supporting element (12), which is elongated in a band-like manner, and on the other band surface (18) of the supporting element is seated a coupling part (20) which is connected to the central section of the said supporting element and has a hinge half (36) whose hinge axis (52) is aligned transversely with respect to the longitudinal extent of the wiper blade (10). An improvement in the wiper-blade fitting and in the securing of the fitted wiper blade to a wiper arm which is provided with a hinge bolt is achieved if both this hinge half and the coupling means of the wiper blade (10) are formed by a bearing recess (36) in the coupling part.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2001

(21) Application No.IN/PCT/2001/1170/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN INSULATION COMPOSITION FOR A STBILIZED CABLE CONNECTION

(51) International classification	:H01B 3/44
(31) Priority Document No	:60/126,100
(32) Priority Date	:25/03/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP00/01403
Filing Date	:21/02/2000
(87) International Publication No	:WO/2000/058975
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)FAY, Joseph, James;

No of Pages : 28
No of Claims : 9

(57) Abstract :
The present invention relates to an insulation composition for a stabilized cable connection having a plurality of insulated electrical conductors having interstices there between, said composition comprising (a) one or more polyolefins, and (b) one or more primary antioxidants selected from the group of N,N'-hexane-l ,6- diylbis-(3 -(3 ,5-di -tert -butyl ydroxyphenylpropionamide) tris(3,5 -di -tert -butyl- 4- hydroxybenzyl) isocyanurate and tris(2-(3,5-di-tert-butyl-4- hydroxyhydrocinnamoyloxy)ethyl) isocyanurate, and (c) one or more metal deactivators selected from the alkylhydroxyphenylalkanoyl hydrazines.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2001

(21) Application No.IN/PCT/2001/1198/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SYSTEM FOR WARRANTING THE IDENTITY OF A PARTY

(51) International classification :G06Q 20/00
(31) Priority Document No :60/119,894
(32) Priority Date :12/02/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/03552
Filing Date :11/02/2000
(87) International Publication No :WO/2000/048108
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 107
No of Claims : 28

(57) Abstract :
Disclosed is a system for warranting the identity of a party over an electronic network. The system comprises a root entity (104) and a plurality of additional entities (106, 108, 110). Each additional entity is admitted to the system after agreeing to abide by a plurality of operating rules promulgated by the root entity. The additional entities may comprise level-one participants (106) and level-two participants (110). Certificate authorites maintained by the level-one participants issue digital certificates to their customers. The certificates bind the customers to their public keys. System customers are also provided with a warranty request formatter which is adapted to formulate a request for a warranty as to the veracity of information contained in a digital certificate. Warranty offers are issued by the participant that issued the digital certificate identified in the warranty request.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2001

(21) Application No.IN/PCT/2001/120/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF OPERATING A RADIO COMMUNICATION SYSTEM

(51) International classification :H04B 7/005
(31) Priority Document No :9912289.7
(32) Priority Date :26/05/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP00/04217
Filing Date :08/05/2000
(87) International Publication No : WO/2000/074260
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BAKER, Matthew, P., J.

No of Pages : 13
No of Claims : 8

(57) Abstract :
In a radio communication system having a primary station and a plurality of secondary stations, the power of uplink and downlink channels between the primary station and a secondary station is controlled in a closed loop manner by each station transmitting power control commands to the other station. In response to these commands the receiving station adjusts its output power in steps. By combining a plurality of received power control commands before adjusting its output power the receiving station may emulate the ability to use a smaller power control step size than its minimum, thereby improving performance under certain channel conditions. In one embodiment when the required power control step size is less than the minimum step size of a particular station, that station processes a group of power control commands to determine whether to adjust its output power by its minimum step size. In an alternative embodiment the power control step size is fixed when the combining algorithm is used. The invention is applicable to power control in both primary and secondary stations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2001
(21) Application No.IN/PCT/2001/1207/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMBINED CORE AND HEADER ASSEMBLY FOR A WELDED HEAT EXCHANGER WITH GROMMET CONSTRUCTION AND A METHOD OF MAKING SAID WELDED HEAT EXCHANGER

(51) International classification :B23P 15/26
(31) Priority Document No :US 09/266,206
(32) Priority Date :10/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/03868
Filing Date :16/02/2000
(87) International Publication No :WO/00/53358
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 20

(57) Abstract :
A method of manufacturing a heat exchanger comprising a core assembly having a plurality of tubes connected by an array of fins, with ends of the tubes extending from the fin array on at least one side of the core assembly and resilient, polymeric grommets disposed around the tube ends. The heat exchanger includes a tank portion I for receiving fluid entering or leaving the core assembly and a header portion having ~ openings to receive the tube ends and grommets to create a sealed, fluid-tight tube-to header joint. There is provided a reinforcing member across the opening of the tube ends extending from the tube end opening to the portion of the tube end around which the grommet is disposed without substantially extending into the fin array portion of the core assembly. The header portion comprises a substantially planar base having openings therein with &ide and end walls extending out of the plane of the base and connected by one or more fluid-tight welds to the tank portion. The side and end walls extend a distance sufficient to dissipate heat generated in making the welds and keep the heat generated from adversely affecting sealing ability of the grommets when the welds are made between the tank and header portion with the tube ends and grommets received in the header portion openings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2001
(21) Application No.IN/PCT/2001/1209/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A BLANK FOR A GUN BARREL AND A METHOD FOR PRODUCTION OF A GUN BARREL

(51) International classification :B22F 7/06
(31) Priority Document No :9900905-2
(32) Priority Date :15/03/1999
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE00/00196
Filing Date :02/02/2000
(87) International Publication No :WO/2000/058043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 15

(57) Abstract :
The present invention relates to a blank for a gun barrel,consisting of a steel bar, characterized in that said bar has been repeatedly wrung about its own longitudinal axis to a pitch angle of 45-90degre in one or more hot working steps. The present invention also relates to a method for production of a gun barrel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2001
(21) Application No.IN/PCT/2001/121/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF OPERATING A RADIO COMMUNICATION SYSTEM

(51) International classification :H04B 7/005
(31) Priority Document No :9912289.7
(32) Priority Date :26/05/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP00/04620
Filing Date :19/05/2000
(87) International Publication No :WO/00/74261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 10

(57) Abstract :
In a radio communication system having a primary station and a plurality of secondary stations, the power of uplink and downlink channels between the primary station and a secondary station is controlled in a closed loop manner by each station transmitting power control commands to the other station. In response to these commands the receiving station adjusts its output power in steps. By considering a plurality of received power control commands the receiving station may emulate the ability to use power control step sizes other than those it directly implements, for example step sizes smaller than its minimum or intermediate between implemented step sizes. Performance can thereby be improved under certain channel conditions. In one embodiment when the required power control step size is less than the minimum step size of the receiving station, that station processes a group of power control commands to determine whether to adjust its output power by its minimum step size.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2001

(21) Application No.IN/PCT/2001/1210/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A SELF- A DJUSTING ROTATING JOINT PARTICULARLY FOR LIQUID DISTRIBUTION DEVICES

(51) International classification :B05B 3/02
(31) Priority Document No :VI99A000030
(32) Priority Date :16/02/1999
(33) Name of priority country :Italy
(86) International Application No :PCT/IB00/00162
Filing Date :16/02/2000
(87) International Publication No :WO/2000/048741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DRECHSEL, Arno

No of Pages : 19
No of Claims : 14

(57) Abstract :
The invention relates to a self-adjusting rotating joint (1), particularly for liquid distribution devices, comprising: a tubular stationary lower element (3), adapted to be connected to a liquid feeding inlet pipe, a tubular rotatable upper element (2), adapted to be connected to a liquid distribution nozzle, connecting means (6, 25) adapted to pivotally connect said upper rotatable element (2) and said lower stationary element (3), so as to allow their relative rotation about a common axis (V), with limited axial reiative displacement, thereby transferring a reaction force produced by the jet in a plane passing through said common axis (V); braking means (15,16,17,18,20,21,22,23,30,31) to counter the relative rotation of said upper and said lower elements (2, 3) about said rotation axis (V); said connecting means comprising a cylindrical tubular connecting element (6, 25) with constant outerdiameter; characterised in that said tubular connecting element (6, 25) is a section of predetermined length cut from an indefmite pipe having a cylindrical outer surface with no annular flange, said section of pipe (6,25) being rigidly secured to one of said upper and lower elements (2, 3) with at least part of said cylindrical outer surface, said braking means (15, 16, 17, 18, 20, 21, 22, 23, 30, 31) being separate from said tubular connecting element (6, 25), a sleeve (9, 26, 30) of cylindrical shape being rigidly attached to one of said upper and lower elements (2, 3) for interacting with said braking means (15, 16, 17, 18, 20, 21, 22, 23, 30, 31) to controllably counter the rotation of said upper rotatable element (2).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2001
(21) Application No.IN/PCT/2001/1215/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR ASCENDING OR DESCENDING STAIRS IN A CLUSTER- WHEEL VEHICLE

(51) International classification :A61G 5/04
(31) Priority Document No :US 60/124,403
(32) Priority Date :15/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/06629
Filing Date :14/03/2000
(87) International Publication No :WO/2000/054720V
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)KEY, Brian, R
6)MORRELL, John, B.
7)KERWIN, John, M

No of Pages : 20
No of Claims : 5

(57) Abstract :
A method for ascending or descending stairs in a cluster-wheel vehicle, the vehicle characterized by an instantaneous pitch angle and having a plurality of wheels each rotatable about an axis fixed with respect to a cluster arm, the cluster arm rotatable about a cluster axis, the method comprising the steps of: setting a front angle and a 'rear angle defined with respect a vertical direction; actuating the cluster arm to provide descent of the device if the instantaneous pitch exceeds the front angle; and actuating the cluster arm to provide ascent of the device if the instantaneous pitch is less than the rear angle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2001

(21) Application No.IN/PCT/2001/1228/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DECRESTING PEAKS IN A CDMA SIGNAL

(51) International classification :H04B 1/707
(31) Priority Document No :09/265,203
(32) Priority Date :10/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/06229
Filing Date :10/03/2000
(87) International Publication No :WO/00/54426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SOONG, Anthony, C., K.

No of Pages : 19
No of Claims : 22

(57) Abstract :
The invention is a CDMA decresting technology that reduces or eliminates peaks in the CDMA signal. The CDMA technology generates a correction signal in response to peaks in the CDMA signal that exceed a value. The value typically corresponds to the maximum power level of a power amplifier. The CDMA technology combines the correction signal with the CDMA signal to generate a decrested CDMA signal with reduced peaks. In some examples of the invention, the CDMA technology processes polar coordinate representations of the quadrature components of the CDMA signal to generate the correction signal. Using the invention, the power amplifier in a CDMA base station can operate at increased power levels without exceeding out-of-band signal power limitations. As a result, the base station operates more efficiently and with a greater range or capacity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2001

(21) Application No.IN/PCT/2001/1229/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND DEVICE FOR CODE DIVISIONAL MULTIPLE ACCESS SIGNAL PROCESSING

(51) International classification :H04 B 7/2005
(31) Priority Document No :09/265, 206
(32) Priority Date :10/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/06256
Filing Date :10/03/2000
(87) International Publication No :WO 00/054429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 50

(57) Abstract :
The invention is a CDMA signal transmission control technology (316). A CDMA (307) signal is transmitted that has in-band components and out-of-band components. Transmit control logic (316) automatically generates a ratio of signal strength of the in-band components versus the out-of-band components. In some embodiments of the invention, control logic (436) generates a transmit power metric signal based on the ratio. In other embodiments of the invention, control logic (436) determines excess forward link capacity based on the ratio. The CDMA signal transmission control technology (166) can be implemented in a CDMA base station (312).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2001

(21) Application No.IN/PCT/2001/1233/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS COMPRISING, REACTING ACETONE WITH PHENOL FOR PRODUCING BISPHENOL A

(51) International classification :C07C 37/20
(31) Priority Document No :2000-8562
(32) Priority Date :18/01/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/00257
Filing Date :17/01/2001
(87) International Publication No :WO/01/53238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 4

(57) Abstract :
The present invention relates to a process comprising, reacting acetone with phenol in the presence of an acid-type ion exchange resin to form a reaction mixture and then subjecting the reaction mixture to a reduced-pressure distillation to recover bisphenol A from a fraction discharged from the bottom of a first distillation column, wherein said acid-type ion exchange resin is washed with phenol before the reaction to form a phenol solution, and the phenol solution is mixed with a fraction obtained from the top of a second distillation column and distilled to form recovered phenol for reuse in the reaction of acetone with phenol, and wherein the first and second distillation columns may be the same or different.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2001

(21) Application No.IN/PCT/2001/1276/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHARMACEUTICAL COPOSITION CONTAINING TOPO II CATALYTIC INHIBTOR AND USE OF SAID INHIBITOR FOR PREVENTION OR TREATMENT TISSUE DAMAGE BY EXTRAVASATION

(51) International classification :A61K 31/70
(31) Priority Document No :PA 1999 00355
(32) Priority Date :12/03/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2000/000107
Filing Date :13/03/2000
(87) International Publication No :WO/2000/054782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 40
No of Claims : 21

(57) Abstract :
The present invention relates to a method and a medicament for pharmacological treatment of accidental extravasation of topoisomerase II poisons such as anthracyclines. In particular, the invention relates to the use of a topo II catalytic inhibitor such as the bisdioxopiperazine ICRF-187 for the manufacture of a medicament for the treatment of an accidental extravasation of a topoisomerase II poison and a method for treatment of such extravasation of a topoisomerase poison such as the anthracyclines daunorubicin, doxorubicin, epirubicin, or idarubicin. In addition, the invention relates to a kit for such treatment

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2001

(21) Application No.IN/PCT/2001/1277/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR EXTRACTING METALS FROM CHALCOPYRITE-CONTAINING ORES

(51) International classification :C22B 1/06
(31) Priority Document No :DE 19960132.1
(32) Priority Date :14/12/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/DE00/04447
Filing Date :14/12/2000
(87) International Publication No :WO/01/44524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 15

(57) Abstract :
The invention relates to a method for the extraction of metals from copper sulphide and/or copper iron sulphide ores with microbiological- and chemical-type leaching steps for dissolution of the metals, which comprises the following steps: 1) In a conversion step, prior to the leaching steps, the ores are converted to covellite, pyrites and admixed sulphides by the addition of sulphur, and 2) copper and other metals, noble metals and rare earths contained in the reaction product are extracted.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2001

(21) Application No.IN/PCT/2001/1283/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR DEGRATION OR MODIFICATION OF FIBRES

(51) International classification :C11D 3/386
(31) Priority Document No :PA 1999 00390
(32) Priority Date :22/03/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK00/00136
Filing Date :22/03/2000
(87) International Publication No :WO/2000/056867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KRISTENSEN, Henrik

No of Pages : 21
No of Claims : 6

(57) Abstract :
The present invention relates to a process for degradation or modification of fibres, yarn or woven or non-woven fabric comprising plant material, the process comprising the step of subjecting the fibres or fabric to a treatment, in an aqueous solution, with an effective amount of a polymethylgalacturonase enzyme comprising the amino acid sequence of SEQ ID No:l or an amino acid sequence having at least 70% sequence identity with SEQ ID No:1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2001

(21) Application No.IN/PCT/2001/1289/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A WOVEN REINFORCEMENT FABRIC FOR PRINTED CIRCUIT BOARDS

(51) International classification :D03D 1/00
(31) Priority Document No :MI99A000665
(32) Priority Date :31/03/1999
(33) Name of priority country :Italy
(86) International Application No :PCT/EP00/02680
Filing Date :27/03/2000
(87) International Publication No :WO/2000/060152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 2

(57) Abstract :
A woven reinforcement fabric for printed circuit boards of orthogonal construction with a weight per unit area of up to 190 grams per square meter, having warp and weft yarns, characterized by comprising a number of warp yarns which is greater than 55% of the total number of warp and weft yarns per unit area, the number of crossovers between warp yarns and weft yarns is between 200 and 315 crossovers per square centimeter; said fabric having warp and/or weft yam disposition such that between 40% and 60% of the number of warp and/or weft yarns have clockwise torsion of between 0.4 and 40 turns per meter, and between 40% and 60% of the number of warp and/or weft yarns have counterclockwise torsion of the same magnitude.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2001

(21) Application No.IN/PCT/2001/1293/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTAINER FOR HEATING MATERIAL WITHIN IT AND FOR DISPENSING SAID MATERIAL ONCE HEATED

(51) International classification :A01M 1/20
(31) Priority Document No :99400667.4
(32) Priority Date :19/03/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/GB00/00939
Filing Date :15/03/2000
(87) International Publication No :WO/2000/056631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 13

(57) Abstract :
A container for heating material within it and for dispensing said material once heated, the container comprising: (a) a first compartment (9,35,54,70,93) for location of the material; and (b) a second compartment (3,34) for receiving a hot liquid, the second compartment being isolated from the first compartment such that liquid in the second compartment and material in the first compartment cannot mix, the second compartment being in thermal communication with the first compartment; wherein the second compartment has an inlet for the introduction of the hot liquid, the inlet having a removable closure (10,23,31); characterized in that the first compartment has a restricted outlet (12,74,96) in the form of an applicator for prolonged dispensing of heated liquid material in the container, the applicator being adapted to apply a film of the material to a surface, the outlet having a removable closure(13).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2001

(21) Application No.IN/PCT/2001/1296/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A LUBRICANT WHICH COMPRISE A LIQUID LUBRICANT BASESTOCK

(51) International classification :C10M 105/00
(31) Priority Document No :09/275,664
(32) Priority Date :24/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/03769
Filing Date :15/02/2000
(87) International Publication No :WO/00/58423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 38
No of Claims : 25

(57) Abstract :
The present invention relates to a lubricant which comprises a liquid lubricant base stock, a first polymer and a second polymer of differing molecular weights dissolved the liquid lubricant base stock, the first polymer being of lower molecular weight than the second polymer and more highly viscoelastic than the second polymer, the second polymer having viscosity thickening properties when blended with the liquid basestock .

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2001

(21) Application No.IN/PCT/2001/1297/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF MAKING NIOBIUM AND OTHER METAL POWDERS

(51) International classification	:B22F 1/00
(31) Priority Document No	:60/125 , 135
(32) Priority Date	:19/03/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/07051
Filing Date	:16/03/2000
(87) International Publication No	:WO/00/56486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 27
No of Claims : 41

(57) Abstract :
This invention relates to methods of forming niobium powders and other metal powders. Metal powders at elevated temperatures in the presence of at least one liquid solvent reduces DC leakage and/or increase capacitance capabilities of metal powders when formed into capacitor anodes. Metal powders such as niobium powders having reduced amount of contaminants and/or having DC leakage or capacitance capabilities are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2001
(21) Application No.IN/PCT/2001/13/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STATOR WITH TEETH FORMED FROM A SOFT MAGNETIC POWDER MATERIAL

(51) International classification :H02K 1/14
(31) Priority Document No :9901745-1
(32) Priority Date :11/05/1999
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2000/000923
Filing Date :10/05/2000
(87) International Publication No :WO/2000/069047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)DICKINSON, Phillip, George

No of Pages : 10
No of Claims : 9

(57) Abstract :
This invention relates to a stator core for an electrical machine comprising: an annular yoke and plurality of teeth spaced circumferentially on the annular yoke and extending radially therefrom, the spaces between the teeth defining circumferentially spaced winding slots. The teeth are formed as separate components from a soft magnetic powder material. Each tooth has non-decreasing cross-sectional dimensions in a direction towards a distal tip along a length of the tooth corresponding to a winding slot, and has the same or smaller cross-sectional dimensions along a proximal end of the tooth. Thereby, the tooth may be assembled with a section of the annular yoke and is able to receive a coil before the assembling with the yoke.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2001

(21) Application No.IN/PCT/2001/1300/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF PRODUCING A LIPASE HAVING AN AMINO ACID SEQUENCE

(51) International classification :C12N 9/20
(31) Priority Document No :PA 1999 00441
(32) Priority Date :31/03/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2000/00156
Filing Date :30/03/2000
(87) International Publication No :WO 2000/060063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 13
No of Claims : 2

(57) Abstract :
The invention relates to a method of producing a lipase having an amino acid sequence which: a) has at least 90% identity with the wild-type lipase derived from humicola lanuginosa strain DSM 4109; b) compared to said wild-type lipase, comprises a substitution of an electrically neutral or negatively charged amino acid at the surface of the three-dimensional structure within 15 A of E1 or Q249 with a positively charged amino acid; and c) comprises a peptide addtiion at the C-terminal; and/or d) meets the following limitations: ii) comprises a negatively charged amino acid in the region corresponding to positions 90-101 os said wild-type lipase; and iii) comprises a netural or negative amino acid at a position corresponding to N94 of said wild-type lipase and/or has negative or netural net electric charge in the region corresponding to positions 90-101 of said wild-type lipase, said method comprises the step of culturing a transformed host cell selected from Humicola lanuginosa strain DSM 4109, containing the DNA sequence encoding the said lipase under known conditions for the production of the said lipase and recovering the lipase from the resulting broth in a known manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2001

(21) Application No.IN/PCT/2001/1303/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TEAT NOZZLE FOR DOSING DEVICE WITH CONNECTION MEANS

(51) International classification	:A61J 1/00
(31) Priority Document No	:9907014.6
(32) Priority Date	:27/03/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/02393
Filing Date	:17/03/2000
(87) International Publication No	:WO/2000/057835
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 19
No of Claims : 14

(57) Abstract :
A teat nozzle suitable for paediatric oral dosing of a fluid medicament comprising a tubular conduit which is engageable with a socket, and has at least one engagement part which can engage with an internal thread in the socket. The teat nozzle facilitates connection between the conduit and the socket. Dosing devices such as syringes and squeezable capsules provided with the nozzle, and a connection means for a vial having such a socket, are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2001

(21) Application No.IN/PCT/2001/1306/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 3, 4-DIHYDROXYBUTANOIC ACID

(51) International classification :C07C 51/00
(31) Priority Document No :09/282,779
(32) Priority Date :31/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/004155
Filing Date :17/02/2000
(87) International Publication No : WO/2000/058256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HOLLINGSWORTH, RAWLE, I

No of Pages : 25
No of Claims : 39

(57) Abstract :
The present relates to a process for the preparation of 3,4-dihydroxybutanoic acid (I) and 3-hydroxy-y-butyrolactone (V) thereof from a 3-leaving group substituted pentose source is described. In particular, the process relates to the synthesis of (R)- 3,4-dihydroxybutanoic acid and (R)-3-hydroxy-y-butyrolactone from a 3-leaving group substituted L-pentose sugars. The process uses a base and a peroxide to convert the pentose source to the chiral 3,4-dihydroxybutanoic acid compound. The chiral 3,4- dihydroxybutanoic acid can be further converted to 3-hydroxy-y-butyrolactone by acidification. The chiral compound is useful as a chemical intermediate to the synthesis of various drugs and other products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2001

(21) Application No.IN/PCT/2001/1309/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A THREE DIMENSIONAL FOOD PRODUCT AND A APPARATUS FOR MANUFACTURING THE SAME

(51) International classification	:A23P1/12
(31) Priority Document No	:9908444.4
(32) Priority Date	:13/04/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2000/003713
Filing Date	:13/04/2000
(87) International Publication No	:WO/2000/060959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Ole-Bendt RASMUSSEN

No of Pages : 60
No of Claims : 101

(57) Abstract :
A three-dimensional food product, elongated in at least one dimension (the z-dimension) and consisting of at least two components which have been co-extruded to become interspersed with each other, in which one or more cells of component A are surrounded at least in the xz plane by one or more components B which form cell walls (2, 4) surrounding the A component characterized in that the or each B component is a solid, which may be a viscoelastic solid, at 20Â°C the cells of components A are arranged in at least two mutually distinct rows (3) extending generally in the z direction, each said row of cells being separated from the adjacent row by a generally continuous in the z-direction boundary cell wall of B component (2), and either a) A having no compressional yield point (being a fluid) at 20Â°C or having plastic, pseudoplastic or viscoelastic consistency at 20Â°C and having a compressional yield point YP A20 at 20Â°C which is less than 0.5 x the compressional yield point of B at 20Â°C (YPB20) or b) A being an expanded material containing at least 50% by volume gas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2001

(21) Application No.IN/PCT/2001/1316/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR PROVIDING FAIR ACCESS TO MEMBERS OF A GROUP COMMUNICATION SYSTEM

(51) International classification :H04Q 7/28
(31) Priority Document No :09/275,698
(32) Priority Date :24/03/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/07844
Filing Date :24/03/2000
(87) International Publication No :WO/00/57656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AGRAWAL, Avneesh
2)ZOU, Quizhen

No of Pages : 19
No of Claims : 6

(57) Abstract :
The present invention provides a method and apparatus for providing fair access to members of a group communication system in which the members experience differing signaling delays. Members of the communication system send a transmission request to an arbitration device when they wish to communicate with other members. The transmission requests are ultimately received by the arbitration device. A time window is opened by a processor located at the arbitration device at the time an initial transmission request is received. The time window is used to treat all transmission requests that are received within the time window as having been received at the same time. Any transmission requests that are received within the time window are included in determining which member should be granted an exclusive transmission privilege.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2001

(21) Application No.IN/PCT/2001/1317/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING ROUND TRIP DELAY IN A SATELLITE COMMUNICATION SYSTEM

(51) International classification	:H04B 17/00
(31) Priority Document No	:60/127,472
(32) Priority Date	:31/03/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/08624
Filing Date	:30/03/2000
(87) International Publication No	:WO/2000/059137
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)AGRAWAL, Avneesh
3)LEVANON, Nadav;

No of Pages : 41
No of Claims : 38

(57) Abstract :
A system and method for determining a round trip delay of signals transmitted between first and second objects, such as a satellite (104) and a mobile telephone (108), that move relative to each other. A first signal is transmitted (404) from the first object (104, 108) to the second object (108, 104). The first signal is received at the second object (408) after a propagation delay DÂ¿1?, the delay DÂ¿1? being the time taken by the first signal to traverse from the first object to the second object. A frequency of the first signal is measured (412) at the second object. The second object then transmits to the first object a second signal (416) containing a report of the measured first frequency. The second signal is received at the first object after a propagation delay DÂ¿2?, DÂ¿2? being the time taken by the second signal to traverse from the second object to the first object. The first object measures a frequency of the second signal (424). The first object then determines the range between the first and second object (428) from the measured overall delay and the measured frequencies of the first and second signals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2001

(21) Application No.IN/PCT/2001/1336/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : C7 CARBONATE SUBSTITUTED TAXANES AS ANTITUMOR AGENTS

(51) International classification :C07D 409/12
(31) Priority Document No :60/179,671
(32) Priority Date :02/02/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/03554
Filing Date :02/02/2001
(87) International Publication No :WO/01/57030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HOLTON, Robert, A.

No of Pages : 68
No of Claims : 51

(57) Abstract :
The present invention relates to a taxane having the formula R2 is benzoyloxy ; R7 is R7aOCOO-; R10 is hydroxy; X3 is C1-8 alkyl, C2-8 alkenyl, or heterocyclo ; X5 is-COX10, wherein X10 is phenyl or C2-8alkenyl, or X5 is-COOX10,wherein X10 is C1-8 alkyl; R7a is C1-8 alkyl, phenyl or a 5- or 6-membered heterocyclo; and Ac is acetyl.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2001

(21) Application No.IN/PCT/2001/134/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR HANDLING OVER A MOBILE STATION IN A WIRELESS TELECOMMUNICATION SYSTEM

(51) International classification :H04Q 7/38
(31) Priority Document No :09/119,717
(32) Priority Date :20/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/16250
Filing Date :19/07/1999
(87) International Publication No :WO/2000/004729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)MENDELSON, Assaf
7)KOLOR, Sergio
8)NIZRI, Shlomo
9)KESSLER, Ilan;
10)LEVY, Atai;
11)SHIDELMAN, Dror
12)RIMONI, Yoram;

No of Pages : 38
No of Claims : 36

(57) Abstract :
A mobile wireless telecommunication system includes base stations of a first type operating according to a first air interface, and base stations of a second type operating according to a second air interface. Methods and apparatus are provided for handing over a mobile station in the system from a first base station, which is of the first type, to a second base station, which is of the second type. A communications link is established over the first air interface between the mobile station and the first base station. Data are received from the mobile station responsive to a signal received by the mobile station over the second air interface from the second base station, substantially without breaking the communications link with the first base station. The mobile station is handed over from the first to the second base station responsive to the data received therefrom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2001

(21) Application No.IN/PCT/2001/1342/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DUAL DISPENSE CONTAINER

(51) International classification :B67D 5/56
(31) Priority Document No :09/295,824
(32) Priority Date :21/04/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/09770
Filing Date :12/04/2000
(87) International Publication No :WO/2000/063112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)McDONOUGH, Justin, E

No of Pages : 40
No of Claims : 29

(57) Abstract :
A dual dispense container (10) is comprised of an inner container (112) and an outer container (12), the outer container neck base (22) having a groove (30), a latch (36) and an undersurface (32), and the inner container neck (122) having a bead (130) engaged in the groove (30), and ribs (136) below the bead which abut the undersurface (32) and cause the latch (36) of the outer container (12) to lock the bead (130) in the groove (30) and thereby lock the inner container within the outer container. A method of locking an inner container within an outer container of a dual dispense container comprises abutting ribs (136) of the inner container against the undersurface (32) of a latch (36) at the base of the neck of the outer container (12), to latch and lock a bead (130) of the inner container (112) neck in a groove (30) in the base of the outer container (30) neck.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2001

(21) Application No.IN/PCT/2001/136/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : REGULAR-SHAPED PARTICLES OF ACTIVATED CLAY, METHOA OF PRODUCING THE SAME AND USE THEREOF

(51) International classification :C01B 33/40
(31) Priority Document No :154165/99
(32) Priority Date :01/06/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP00/03511
Filing Date :31/05/2000
(87) International Publication No :WO/00/73207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAMOTO, Hitoshi
3)KUSE, Daisuke

No of Pages : 36
No of Claims : 13

(57) Abstract :
Activated regular-shaped clay particles forming macropores therein, preserving fine structure of the dioctahedral smectite clay minerals, and having particle diameters controlled to lie within a range in which they exhibit excellent filtering property. The invention further provides method of producing activated regular- shaped clay particles comprising the steps of adjusting the particle size of the dioctahedral smectite clay minerals to possess a volume-based median diameter (Dso)of from 1 to 10 ~m as found by a laser diffraction method, mixing an acid-soluble or acid-decomposing inorganic compound to the milled product thereof, granulating the mixture into regular particles having a volume-based median diameter (Dso) of from 10 to 60 ~m as found by a laser diffraction method, and treating the regular-shaped particles with an acid while maintaining the particle shapes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2001

(21) Application No.IN/PCT/2001/1389/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CHLORDNATED PYRIDINE SULPHONIC ACID CHLORIDES

(51) International classification :C07D 213/71
(31) Priority Document No :199 18 021.0
(32) Priority Date :21/04/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/EP00/02795
Filing Date :30/03/2000
(87) International Publication No :WO/00/63177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MICHEL, Hans-Peter

No of Pages : 21
No of Claims : 7

(57) Abstract :
The present invention concerns a new process for the preparation of chloropyridine-sulphonic acid chlorides of the general fonnula I from hydroxypyridine-sulphonic acids of the general fonnula II by substitution of the ring OH group and of the OH group of the acid residue by a , chlorination agent, whereby, as chlorination agent, there is used a mixture of phosphorus trichloride in excess up to the stoichiometric amount and chlorine gas in stoichiometric amount up to a small insufficiency referred to the hydroxypyridine- sulphonic acid used and whereby chlorine gas is passed into a mixture of hydroxypyridine-sulphonic acid and of phosphorus oxychloride fonned and possibly excess phoshorus trichloride at temperatures of 100 to 120Â°C, the phosphorus oxychloride fonned and possibly excess phosphorus trichloride are removed distillatively, the residue is taken up with an organic solvent and the liquid phase distilled in a vacuum for obtaining the chlorinated pyridine-sulphonic acid chloride.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2001
(21) Application No.IN/PCT/2001/1413/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR PROCESSING THE SIGNALS OF A DANGER DETECTOR AND DANGER DETECTOR HAVING MEANS FOR PERFORMING THE METHOD

(51) International classification :G08B 29/26
(31) Priority Document No :00105438.6
(32) Priority Date :15/03/2000
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/CH01/00136
Filing Date :06/03/2001
(87) International Publication No :WO/01/69566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 13
No of Claims : 7

(57) Abstract :
The signals from an alarm, comprising at least one sensor (2, 3, 4), for monitoring characteristic hazard values and an analytical electronic unit (1), connected to the at least one sensor (2, 3, 4), are compared with pre-set parameters. Furthermore, the signals are analysed for repeated or regular occurrence and repeated, or regularly occurring alarm signals are classed as error signals. The classification of signals as error signals gives rise to a corresponding adjustment of the parameter. When an error signal arises, before the parameter is adjusted, the validity of the signal analysis for the at least one sensor (2, 3, 4) is checked and the parameter adjustment is carried out, depending upon the result of said validity check. An alarm with the means for carrying out said method comprises at least one sensor (2, 3, 4), for a characteristic hazard value and an electronic analysis unit (1), containing a microprocessor (6), for the evaluation and analysis of the signal from the at least one sensor (2, 3, 4). The microprocessor (6) has a software programme with an adaptive algorithm based on multiple solutions for the analysis of the signals from the at least one sensor (2, 3, 4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2001

(21) Application No.IN/PCT/2001/1431/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTROL METHOD FOR COPPER CONTENT IN A SOLDER DIPPING BATH

(51) International classification :B23K 35/26
(31) Priority Document No :2000-047437
(32) Priority Date :24/02/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/01359
Filing Date :23/02/2001
(87) International Publication No :WO/01/62433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 21

(57) Abstract :
This method controls a copper density in a dip solder bath holding a molten solder alloy containing at least copper as an essential composition thereof during a dip soldering step of one of a printed circuit board with a surfaced copper foil and a component part having a copper lead attached thereto. The method includes a step of introducing a replenished solder containing no copper at all or a copper content having a density lower than that of the molten solder in the bath prior to the supply of the replenished solder to the bath so that the copper density in the bath is controlled to a predetermined constant density or lower.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2001
(21) Application No.IN/PCT/2001/1436/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF CHECKING THE AMOUNT OF DATA TRANSMITTED OVER A CONNECTION IN A COMMUNICATION SYSTEM

(51) International classification :H04L 12/26
(31) Priority Document No :20000407
(32) Priority Date :22/02/2000
(33) Name of priority country :Finland
(86) International Application No :PCT/FI01/00165
Filing Date :20/02/2001
(87) International Publication No :WO/2001/063853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 30

(57) Abstract :
During a connection between a network infrastructure and user equipment a first indication of the amount of data transmitted over the connection is maintained in the network infrastructure and a second indication of the amount data transmitted is maintained in the user equipment. A checking procedure is triggered in response to encountering (402) a predetermined checking value. The checking procedure utilizes integrity protected signalling. During the checking procedure the first indication is compared with the second indication. This checking procedure enables easy discovery of an intruder who either sends and/or receives data on an authorized connection between a network infrastructure and a mobile station, the data transmission being charged from the mobile station.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2001

(21) Application No.IN/PCT/2001/1448/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PIGMENT COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C09B 67/22
(31) Priority Document No :556/99
(32) Priority Date :24/03/1999
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP00/02442
Filing Date :20/03/2000
(87) International Publication No :WO/00/56819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRANDIDIER,
3)RUF, Klaus

No of Pages : 22
No of Claims : 12

(57) Abstract :
The invention relates to a crimson-colored pigment composition containing 1,4-diketo-2,5-dihydro-3,6-diaryl-pyrrolo[3,4c]pyrrol and quinacridone pigments in separate crystalline phases, which show high coloring power and other excellent applicational properties. The inventive pigments can be used in printing inks, especially in printing inks for polychrome printed products. An essential component of the inventive pigment mixtures is 1,4-diketo-2,5-dihydro-3,6-di-(4'-chlorophenyl)-pyrrolo[3,4c]pyrrol or 2,9-dichloroquinacridone, which have been subjected to kneading with a crystalline inorganic salt and a neutral organic liquid. The invention also relates to a method for producing said pigment compositions, to their use in the production of printing inks and to the printing inks themselves.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2001

(21) Application No.IN/PCT/2001/1471/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMPOSITION COMPRISING MERCAPTO-FUNCTIONAL COMPOUNDS

(51) International classification	:C08G 18/67
(31) Priority Document No	:99201294.8
(32) Priority Date	:26/04/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/03746
Filing Date	:19/04/2000
(87) International Publication No	:WO/2000/064959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 30
No of Claims : 7

(57) Abstract :
This invention relates to a composition comprising a compound comprising two or more olefmica1ly unsaturated groups comprising at least one electron-withdrawing functionally linked to a carbon atom of the unsaturated bond; a compound comprising at least two mercapto- functional groups; and a catalyst Icomprising at least one, optionally blocked, NH-groups. The invention further relates to a method of coating a substrate with a composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2001

(21) Application No.IN/PCT/2001/1474/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SHELF-STABLE CALCIUM FORTIFIED MILK AND DAIRY PRODUCTS

(51) International classification	:A23C 9/152
(31) Priority Document No	:09/300,705
(32) Priority Date	:26/04/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP00/01740
Filing Date	:28/02/2000
(87) International Publication No	:WO/2000/064267
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)JACOBSON, Mark, Randolph
4)VADEHRA, Daram, Vir
5)WEDRAL, Elaine, Regina

No of Pages : 12
No of Claims : 17

(57) Abstract :
A calcium-fortified milk or dairy-based product comprising a calcium source and a food-grade polyphosphate having at least six phosphate groups.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2001

(21) Application No.IN/PCT/2001/1477/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GASKET FOR AN AEROSOL VALVE STEM

(51) International classification :B65D 83/14
(31) Priority Document No :09/300,541
(32) Priority Date :27/04/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/11312
Filing Date :27/04/2000
(87) International Publication No :WO/00/65256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 15

(57) Abstract :
The invention relates to an aerosol valve having a hollow valve stem, a valve body, a valve housing surrounding the valve stem body, an intermediate portion between the valve stem and the valve stem body having at least one orifice communicating the interior of the valve stem and the interior of the housing and a valve stem gasket encircling and sealing all orifices in the intermediate portion, the intermediate portion being capable of moving to expose at least one orifice in the intermediate portion from contact with the valve stem gasket and thereby open the valve characterized in that the valve stem gasket has plural zones (A, B and C) of varying diameter, the zone nearest the central aperture and sealing against the orifice in the intermediate portion having a lower durometer relative to the durometer of the zone further radially onward from the aperture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2001
(21) Application No.IN/PCT/2001/1489/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : EXFOLIATION RESISTANT ALUMINIUM-MAGNESIUM ALLOY

(51) International classification :C22C 21/06
(31) Priority Document No :99201391.2
(32) Priority Date :04/05/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/04410
Filing Date :04/05/2000
(87) International Publication No :WO/00/66800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAMPATH, Desikan

No of Pages : 19
No of Claims : 15

(57) Abstract :
Aluminium-magnesium alloy product for welded mechanical construction, having the following composition, in weight percent: Mg 3.5 - 6.0, Mn 0.4 - 1.2, Zn 0.4 - 1.5, Zr 0.25 max., Cr 0.3 max., Ti 0.2 max., Fe 0.5 max., Si 0.5 max., Cu 0.4 max., one or more selected from the group: Bi 0.005 - 0.1, Pb 0.005 - 0.1, Sn 0.01 - 0.1, Ag 0.01 - 0.5, Sc 0.01 - 0.5, Li 0.01 - 0.5, V 0.01 - 0.3, Ce 0.01 - 0.3, Y 0.01 - 0.3, Ni 0.01 - 0.3, others (each) 0.05 max., (total) 0.15 max. balance aluminium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2001

(21) Application No.IN/PCT/2001/1492/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR RE-FORMATTING WEB PAGES

(51) International classification :G06F 17/21
(31) Priority Document No :09/303,062
(32) Priority Date :30/04/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/11780
Filing Date :01/05/2000
(87) International Publication No :WO/00/67149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VISHWANATH, Mohan

No of Pages : 23
No of Claims : 12

(57) Abstract :
Methods and apparatus to selectively display a pre-determined set of contents for a specific class of devices. The apparatus includes an image generator, a section identifier and a section manipulator. The image generator generates an image of a pre-determined rendition of the set of contents; the section identifier identifies a section in the contents based on a preference of the provider of the set of contents; and the section manipulator re-formats the identified section to generate a new rendition, depending on a characteristic of the specific class of devices and a preference of the provider. After the re-formatting, the new rendition is displayed on the specific class of devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2001
(21) Application No.IN/PCT/2001/1497/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : UNICOMPARTMENTAL MENISCAL PROSTHETIC DEVICE SURGICALLY IMPLANTABLE BETWEEN THE FEMORAL CONDYLE AND TIBIAL PLATEAU

(51) International classification :A61F 2/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US99/07309
Filing Date :02/04/1999
(87) International Publication No :WO/00/59411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 30
No of Claims : 36

(57) Abstract :
A self-centering meniscal prosthesis device suitable for minimally invasive, surgical implantation into the cavity between a femoral condyle and the corresponding tibial plateau is composed of a hard, high modulus material shaped such that the contour of the device and the natural articulation of the knee exerts a restoring force on the free-floating device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2001
(21) Application No.IN/PCT/2001/1505/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STABILIZED ADHESIVE COMPOSITIONS CONTAINING HIGHLY SOLUBLE, RED-SHIFTED, PHOTOSTABLE BENZOTRIAZOLE UV ABSORBERS AND LAMINATED ARTICLES DERIVED THEREFROM

(51) International classification :C08K 5/3475
(31) Priority Document No :09/303,583
(32) Priority Date :03/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP00/03616
Filing Date :20/04/2000
(87) International Publication No :WO/2000/066676
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)RAVICHANDRAN, Ramanathan;
5)IYENGAR, Revathi;
6)HALL, Luther, A., R.;

No of Pages : 85
No of Claims : 15

(57) Abstract :
Adhesive compositions are rendered stable against degradation caused by ultraviolet light through the incorporation of selected highly soluble, red-shifted, photostable benzotriazole UV absorbers which absorb light strongly in the 350 to 400 nm range. Also suitable are 2-(2-hydroxy-3-$g(a)-cumyl-5-tert-octylphenyl)-2H-benzotriazole and 2-(2-hydroxy-3-$g(a)-cumyl-5-tert-butylphenyl)-2H-benzotriazole in combination with the red shifted benzotriazoles. A further subject of the invention are novel asymmetrical bisbenzotriazoles of formula (IIIc) where GÂ¿2?' is perfluoroalkyl of 1 to 12 carbon atoms, preferably CFÂ¿3?, and where GÂ¿2? does not contain said group are red-shifted and due to the asymmetry are particularly soluble and useful in a host of applications including automotive coatings, thermoplastics and especially in adhesive compositions, themselves useful in solar panels and other laminate structures. All these UV absorbers exhibit excellent photostability and are highly soluble in adhesive formulations. The laminated articles derived from these compositions include, for example, solar control films, films and glazings, UV absorbing glasses and glass coatings, windscreens, retroreflective sheetings and signs, solar reflectors, optical films and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2001

(21) Application No.IN/PCT/2001/1510/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS OF MANUFACTURING AN AMINO CARBOXYLIC ACID SALT

(51) International classification :C07C 227/02
(31) Priority Document No :60/132,261
(32) Priority Date :03/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/12023
Filing Date :02/05/2000
(87) International Publication No :WO/2000/066539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 23
No of Claims : 35

(57) Abstract :
The present invention provides a new and useful improvement in the process to manufacture a carboxylic acid salt, particularly an amino carboxylic acid salt, from a primary alcohol, particularly a primary aminoalcohol. The process of manufacturing amino carboxylic acid salts comprises contacting an aqueous solution of a primary aminoalcohol with a strong hydroxide base selected from the group consisting of an alkali metal hydroxide, an alkaline earth metal hydroxide, an ammonium hydroxide compound including a tetraalkyl ammonium hydroxide, or the like, in the presence of an effective amount of a catalyst. The catalyst comprises one or more of elements selected from the group consisting of copper, cobalt, nickel, and cadmium as well as optionally lesser amounts of chromium, titanium, niobium, tantalum, zirconium, vanadium, molybdenum, manganese, tungsten, cobalt, nickel, or mixtures thereof. The reaction mixture contains less than about 3000 ppm, preferably less than about 500 ppm, more preferably less than about 100 ppm of oxidized copper (Cu?+Â¿ and/or Cu?2+Â¿) during the reaction. The concentration of oxidizing agents in the reactants is minimized to prevent formation of oxidized copper from metallic copper catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2001

(21) Application No.IN/PCT/2001/19/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A MULTI MODAL POLYETHYLENE COMPOSITION FOR MAKING PIPES

(51) International classification :C08L 23/04
(31) Priority Document No :3802409-4
(32) Priority Date :06/07/1998
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE1999/001195
Filing Date :01/07/1999
(87) International Publication No :WO/2000/001765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)Anette NILSSON
6)Magnus PALMLÃ–F

No of Pages : 19
No of Claims : 17

(57) Abstract :
This invention relates to a multimodal polymer composition for pipes is disclosed. The polymer is a multimodal polyethylene with a density of 0.930-0.965 g/cm3, an MFR5 of 0.2-1.2 g/10 min, and Mn of 8000-15000, an Mw of 180-330 x 103, and an Mw/Mn of 20-35, said mu1timodal polyethylene comprising a low molecular weight (LMW) ethylene homopolymer fraction and a high molecular weight (HMW) ethylene copolymer fraction, said HMW fraction having a lower molecular weight limit of 3500, and a weight ratio of the LMW fraction to the HMW fraction of (35-55):(65-45).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2001

(21) Application No.IN/PCT/2001/263/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WIPER ARM

(51) International classification :B60S 001/34
(31) Priority Document No :19929914.5
(32) Priority Date :29/06/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2000/001721
Filing Date :26/05/2000
(87) International Publication No :WO/2001/002223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 21

(57) Abstract :
The invention proceeds from a wiper arm having a hinged wiper blade and a fastening part (10) for fastening to a driveshaft (12) by the latter being inserted through a widening depression (38) in the fastening part (10) and a screw nut (44) clamping the fastening part(10) to the driveshaft (12) against a bearing surface (30) via a clamping part (40, 50) which is matched to the depression (38). It is proposed that the contact surface (66) between the clamping part (40, 50) and the fastening part (10) forms part of the surface of a sphere, and the bearing surface (30) forms part of a circumferential surface of a cylider whose cylinder axis (32) runs through the sphere central point (36) and parallel to the longitudinal direction (34) of the wiper blade.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2001
(21) Application No.IN/PCT/2001/39/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN AQUEOUS REACTIVE-DYE COMPOSITION

(51) International classification :C09B 67/00
(31) Priority Document No : 98810726.4
(32) Priority Date :29/07/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB1999/001339
Filing Date :28/07/1999
(87) International Publication No :WO/2000/006653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 14
No of Claims : 7

(57) Abstract :
Aqueous reactive-dye compositions (P) which are aqueous solutions of (R) at least one reactive dye and optionally (F) at least one formulating additive, which are characterized by containing (B) biuret are surprisingly stable to storage and transportation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2001

(21) Application No.IN/PCT/2001/400/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF MANUFACTURING A MAGNETIC TUNNEL JUNCTION DEVICE

(51) International classification	:G01R 33/09
(31) Priority Document No	:99202418.2
(32) Priority Date	:22/07/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2000/006816
Filing Date	:17/07/2000
(87) International Publication No	:WO/2001/007926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)VAN ZON, Joannes, B., A., D.

No of Pages : 9
No of Claims : 12

(57) Abstract :
A method of manufacturing a magnetic tunnel junction device, in which a stack (1) comprising two magnetic layers (3, 7) and a barrier layer (5) extending in between is formed. One of the magnetic layers is structured by means of etching, in which, during etching, a part of this layer is made thinner by removing material until a rest layer (7r) remains. This rest layer is passivated by chemical conversion. In the relevant method, it is prevented that the magnetic layer which is not to be structured is detrimentally influenced during structuring of the other magnetic layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2001

(21) Application No.IN/PCT/2001/476/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR PROVIDING AUTOMATIC AND COORDINATED SHARING OF CONVERSATIONAL RESOURCES

(51) International classification	:G10L 15/22
(31) Priority Document No	:60/102,957
(32) Priority Date	:02/10/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US1999/022925
Filing Date	:01/10/1999
(87) International Publication No	:WO/2000/021075
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 32
No of Claims : 8

(57) Abstract :
A system and method for providing automatic and coordinated sharing of conversational resources (e.g., functions and arguments) between network-connected servers and devices (and their corresponding applications). In one aspect, a system for providing automatic and coordinated sharing of conversational resources comprises: a network comprising at least a first and second network device; the first and second network device each comprising a set of conversational resources; a dialog manager for managing a conversation and executing calls requesting a conversational service; and a communication stack for communicating messages over the network using conversational protocols, wherein the conversational protocols establish coordinated network communication between the dialog managers of the first and second device to automatically share the set of conversational resources of the first and second network device, -when necessary, to perform their respective requested conversational service.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2001

(21) Application No.IN/PCT/2001/504/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SOUND PRODUCER VOLUME CONTROL APPARATUS

(51) International classification :H03G 3/02
(31) Priority Document No :11/226656
(32) Priority Date :10/08/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2000/005336
Filing Date :09/08/2000
(87) International Publication No :WO/2001/013512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3) Takashi , ISHIHARA,

No of Pages : 48
No of Claims : 11

(57) Abstract :
An object is to provide a sound producer volume control apparatus capable of switching sound volume in a multiple stage and arranged by employing a smaller number of components. A sound producer volume control apparatus is comprised of: a sound producer (13); two resistors (Ra), (Rb) series-connected to a drive ci:r;cuit of the sound producer (13); two switch units (SWl), (SW2) parallel-connected to the resistors (Ra), (Rb) respectively; a control unit (11) for ON/OFF-controlling the .switch units (SWl), (SW2) in esponse to control signals (Cl), (C2); an NPN transistor (Qf) series-connected to the sound producer (13); and a sound producing pattern generator (15) for ON/OFF controlling the NPN type transistor (Qf) in response to a sound producing pattern signal (f). In this sound producer control units (SWl), (SW2) are ON/OFF-controlled by the control signals (Cl), (C2) so as to variably select the resistance values connec.ted to the sound producer (13), so that sound volume of the sound producer (13) is controlled in a stepwise manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2001

(21) Application No.IN/PCT/2001/516/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NEEDLE APPARATUS

(51) International classification :A61 M 5/178
(31) Priority Document No :PP 6347
(32) Priority Date :06/10/1998
(33) Name of priority country :Australia
(86) International Application No :PCT/AU1999/000827
Filing Date :29/09/1999
(87) International Publication No :WO/2000/020058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 32
No of Claims : 21

(57) Abstract :
The invention relates to a needle apparatus comprising a thin walled catheter having a free end closely enclosing a tubular needle having a sharp point, characterized in that the needle and/or the catheter is mounted to a housing and the needle and the catheter are longitudinally moveable relative to one another between a first position at which the needle extends from the catheter a short distance and a second position at which the sharp point is located within the catheter adjacent the free end thereof, the needle remaining in a fluid pathway of the needle apparatus at all times, means being provided for positively retaining the needle and the catheter in the first position, the means for positively retaining the needle and the catheter in the first position having a manually operable catch member which upon release enables the needle and the catheter to move relatively to the second position, means being provided for moving the needle relative to the catheter to the second position upon release of the catch member, and the needle apparatus being arranged to pierce tissue when the catheter and the needle are in the first position.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2001

(21) Application No.IN/PCT/2001/525/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : WORK SPACE MANAGEMENT AND FURNITURE SYSTEM

(51) International classification :A47 B 83/00
(31) Priority Document No :60/104, 101
(32) Priority Date :13/10/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/023793
Filing Date :13/10/1999
(87) International Publication No :WO/2000/021412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)CLARK, Jeffrey
7)DE HAAN, Richard, III

No of Pages : 32
No of Claims : 25

(57) Abstract :
A system for defining a plurality of work zones within an otherwise open area comprising: a framework formed from a plurality of spaced apart poles extending upward from a base surface, the poles interconnected by a plurality of crossbeams at a height substantially above a standing user, at least some of the poles adapted to provide a raceway for the delivery of utilities, the framework capable of being arranged in a plurality of substantially non-linear patterns and including an at least partially open area between adjacent poles and a plurality of substantially nonrigid barrier members extending between at least some of the plurality of spaced apart poles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2001

(21) Application No.IN/PCT/2001/531/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINED SEARCHING AND PAGE MONITORING USING OFFLINE SAMPLE STORAGE

(51) International classification :H04B 1/707
(31) Priority Document No : 09/172,067
(32) Priority Date :13/10/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/023829
Filing Date :12/10/1999
(87) International Publication No :WO/2000/022747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 2

(57) Abstract :
A novel and improved method for performing paging is described. In one embodiment of the invention a searcher is used to detect spread spectrum signals. Samples received RF signals are stored in a sample buffer. During standby mode, the samples are gathered during paging slots assigned to the mobile. A set of searches are performed on the samples, and if pilot signals are detected additional demodulation is performed to detect paging messages. The resulting set of demodulation data may be combined to increase detection. After a page message has been detected, additional demodulation resources may be activated to processes more complete page messages, or other information channels. In one embodiment of the invention, the searcher includes a demodulator to perform quick page detection without the use of finger elements to reduce idle mode power consumption.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2001

(21) Application No.IN/PCT/2001/532/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OFFLINE PAGE MONITORING

(51) International classification :H04B 1/707
(31) Priority Document No :09/172,068
(32) Priority Date :13/10/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/023830
Filing Date :12/10/1999
(87) International Publication No :WO/2000/022748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)AGRAWAL, Avneesh;

No of Pages : 15
No of Claims : 11

(57) Abstract :
The present invention relates to a system and a method for performing page monitoring, comprising: a receiver means for receiving first received samples during an active mode; storage unit for storing said first recevied samples; a means for turning off said revceiver means after said first recevied samples have been stored, and for turning it on at a predetermined time; an enhanced searcher for detecting the corredlation energu of a pilot channel in an active mode and for demodulating a first paging channel within said first received samples; and a demodulation element for demodulating a second paging channel within other received samples.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2001
(21) Application No.IN/PCT/2001/542/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF GLYCIDYLESTERS OF BRANCHED CARBOXYLIC ACIDS

(51) International classification :C07D 301/30
(31) Priority Document No :98203204.7
(32) Priority Date :23/09/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP1999/007393
Filing Date :22/09/1999
(87) International Publication No :WO/2000/017179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HEYMANS, Denis, Marie, Charles

No of Pages : 32
No of Claims : 12

(57) Abstract :
A process for the manufacture of glycidylesters of a-branched monocarboxylic acids, comprising (a) the reaction of the a-branched monocarboxylic acid with a halo) substituted monoepoxide such as an epihalohydrin (e.g. epichlorohydrin), in a 2-20 molar excess, in the presence of water and a water-miscible solvent, and in the presence of a catalyst, in an amount of at most 45 mol% of the molar amount of the monocarboxylic acid, at a temperature in the range of from 30 to 110Â°C, during a period in the range of from 0.5 to 2.5 hr, (b) addition of additional alkali metal hydroxide or alkali metal alkanolate up to a molar ratio in the range of from 0.9: 1 to 1.2: 1 and preferably from 0.95:1 to 1.10:1 as to the mono carboxylic acid groups ~d reaction at a temperature of from 0 to 80Â°C, (c) distillation of the obtained reaction mixture to remove the excess halo substituted monoepoxide and the solvent and water formed, and (d) removal of alkali metal halide salt, e.g. by washing the obtained glycidylester with water, after optionally treating the residual product with a concentrated aqueous alkali metal hydroxide or an alkali metal alcoholate solution, in order to complete the dehydrohalogenation (and preferably a dehydrochlorination).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2001

(21) Application No.IN/PCT/2001/545/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR THE PREPARATION OF CITALOPRAM

(51) International classification :C07D 307/87
(31) Priority Document No :MI98A002242
(32) Priority Date :20/10/1998
(33) Name of priority country :Italy
(86) International Application No :PCT/DK1999/000576
Filing Date :19/10/1999
(87) International Publication No : WO/2000/023431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CASAZZA, Umberto
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No of Pages : 24
No of Claims : 12

(57) Abstract :
This invention relates to a method for the preparation of citalopram or any of its enantiomers and acid addition salts thereof comprising treatment of a compound of formula (IV), wherein X is 0 or S; R1-Rz are each independently selected from hydrogen and CI-6 alkyl, or R 1 and RZ together form a CZ-5 alkylene chain thereby forming a spiro-ring; R3 is selected from hydrogen and CI-6 alkyl, R4 is selected from hydrogen, CI-6 alkyl, a carboxy group or a precursor group therefore, or R3 and R4 together form a CZ-5 alkylene chain thereby forming a spiro-ring, with a dehydration agent or alternatively where X is S, thermally cleavage of the thiazoline ring, or treatmerit in presence of a radical initiator, to form citalopram.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2001

(21) Application No.IN/PCT/2001/549/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS OF CONTROLLING CUTWORM PESTS

(51) International classification :A01N 63/00
(31) Priority Document No :US 60/150,319
(32) Priority Date :23/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/023156
Filing Date :23/08/2000
(87) International Publication No :WO/2001/013731
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CONLAN, Christopher;

No of Pages : 29
No of Claims : 9

(57) Abstract :
The present invention relates to a method for controlling a cutworm pest wherein said method comprising applying a Cry1F toxin to soil or plants to prevent cutworm damage to plants where cutworms are known or suspected of being present.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2001
(21) Application No.IN/PCT/2001/562/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DIGITAL PROCESSING DEVICE

(51) International classification :G06F 15/173
(31) Priority Document No :19984746
(32) Priority Date :09/10/1998
(33) Name of priority country :Norway
(86) International Application No : PCT/NO1999/000308
Filing Date :08/10/1999
(87) International Publication No :WO/2000/022545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LEISTAD, Geirr, I.

No of Pages : 20
No of Claims : 13

(57) Abstract :
A digital processing device P, generally configured as a regular tree with n+1 levels So,Si,S2....Sn and degree k, is provided in the form of a circuit Pn on the level Sn and forms the root node of the tree, an underlying level Sn.q, q=1,2...n-1, in the circuit P comprising generally kQ circuits Pn-q provided nested in the kk'1 circuit Pn-q+1 on the overlying level Sn-(1+1, each circuit Pn-q+1 on the overlying level Sn-q+1, each circuit Pnq+1 on this level comprising k circuits Pn-q. A for q = n defined zeroth level in the circuit Pn comprises from kn-1+1 to kn circuits Po which form kernel processors in the processing device P and on the level So constitute the leaf nodes of the tree, the kernel processor PQ being provided nested in a number from 1 to k in each of the circuits P1 on the level S1. Each of the circuits P11P2,....P,,, comprises a logic unit E which generally is connected with circuits Po,P1,....Pn_1 provided nested in the former circuits Po,P1....Pn_1 provided nested in the former circuits on the nearest underlying level and is additionally adapted to connect nodes on the same or underlying levels in neighbour trees. Each of the circuits Po1P11...Pn has additionally identical interfaces I, such that IPo= ip1=...IPn

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2001

(21) Application No.IN/PCT/2001/572/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A COMMUNICATION SYSTEM, A RECEIVER, A TRANSM ITTER AND A COMMUNICATION METHOD"

(51) International classification :H04 B 7/26
(31) Priority Document No :JP 11-241217
(32) Priority Date :27/08/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2000/004288
Filing Date :29/06/2000
(87) International Publication No :WO/2001/017139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 70
No of Claims : 19

(57) Abstract :
The communication system comprises a transmitter (1A) and a receiver (2A). Both, the transmitter (1A) and the receiver (2A) are capable of operating in a normal mode or a compressed mode in which setting of a predetermined idle time is allowed. The transmitter (1A) effects transmission power control to a frame in each mode. When operating in the compressed mode, the transmitter (1A) change a position of the idle time in such a manner so as to minimize adverse affect of a transmission power control error that occurs after the idle time.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2001
(21) Application No.IN/PCT/2001/579/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR SCREENING FOR Ca2+-CHANNEL BLOCKERS INVITRO

(51) International classification :A61K 31/663
(31) Priority Document No :P980105446
(32) Priority Date :30/10/1998
(33) Name of priority country :Argentina
(86) International Application No :PCT/EP1999/008269
Filing Date :29/10/1999
(87) International Publication No :WO/2000/025794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VAZQUEZ, Guillermo
4)BOLAND, Ricardo
5)PAPAPOULOS, Sokrates, E.

No of Pages : 24
No of Claims : 2

(57) Abstract :
This invention relates to a method for screening for Ca 2+-channel blockers invitro comprising the steps: treatment of cells having Cat+-channels with a putative Cat+-channel blocker; contacting the cells with 1-amino-3-(N,N-dimethylamino)propylidene-1,1-bisphosphonic acid, any of its soluble salts or any of its hydrates; measuring a response as a result of the contacting step as herein described and to a method for screening functional analogues of 1-amino-3-(N,N-dimethylamino)propylidene- 1, 1 -bisphosphonic acid, any of its soluble salts or any of its hydrates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2001
(21) Application No.IN/PCT/2001/582/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF SELECTING A PROTEIN VERIENT HAVING REDUCED IMMUNOGENCITY AND TO THE PROTEIN VERIENT

(51) International classification :C07K 1/00
(31) Priority Document No :PA 1998 1402
(32) Priority Date :30/10/1998
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK99/00541
Filing Date :12/10/1999
(87) International Publication No :WO/2000/026230
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ERNST, Steffen

No of Pages : 82
No of Claims : 32

(57) Abstract :
The present invention relates to a method of selecting a protein variant having reduced immunogenicity as compared to the parent protein comprising the steps of screening a random peptide display package library with antibodies raised against any protein of interest, sequencing the amino acid sequence of the antibody binding peptides, or the DNA sequence encoding the antibody binding peptides, identifying epitope patterns of a protein by sequence alignment of the reactive peptide sequence, localisation of epitope patterns on the primary 3-dimensional structure of the parent protein, defining an epitope area including amino acids situated within 5 Ã… from the epitope amino acids, and affecting antibody binding to the epitope, changing the localised epitope patterns, or amino acids defining the epitope area of the parent protein by genetical engineering mutations of a DNA sequence encoding the parent protein without impairing functionality of the protein using the emerging epitope database for eliminating amino acid substitutions creating new or duplicating existing epitope patterns, introducing the mutated DNA sequence into a suitable host, culturing said host and expressing the protein variant, and evaluating the immunogenicity of the protein variant using the parent protein as reference. The invention further relates to the protein variant and use thereof, as well as to a method for producing said protein variant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2001

(21) Application No.IN/PCT/2001/584/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMPOSITE ALUMINIUM PANEL

(51) International classification :B32B 3/28
(31) Priority Document No :98203665.9
(32) Priority Date :30/10/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP1999/008316
Filing Date :29/10/1999
(87) International Publication No :WO/2000/026020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 30

(57) Abstract :
A composite aluminium panel comprising two parallel plates and/or sheets secured to the peaks and troughs of a corrugated aluminium stiffener sheet between the parallel plates and/or sheets, wherein the corrugated aluminium stiffener sheet is made from an aluminium alloy rolled sheet of composition (in weight percent): Mg 1.5-6.0, Mn 0.3-1.4, Zn 0.4-5.0, Fe up to 0.5, Si up to 0.5, Zr up to 0.30, optionally, one or more of (Cr 0.05-0.30, Ti 0.01-0.20, V 0.05-0.25, Ag 0.05-0.40, Cu up to 0.40), others up to 0.05 each, 0.15 total, Al balance, and having in an H-condition or in the O-condition a ratio of PS/UTS in the range of 0.4 to 0.9 and having good roll formability.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2001
(21) Application No.IN/PCT/2001/605/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR TREATING CELLULOSIC FIBERS TO REMOVE NON-CELLULOSIC COMPOUNDS

(51) International classification :D06M 16/00
(31) Priority Document No : 09/184,217
(32) Priority Date :02/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/024489
Filing Date :27/10/1999
(87) International Publication No :WO/2000/026464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 20

(57) Abstract :
This invention relates to a method for treating cellulosic fibres to remove non-cellulosic compounds therefrom by treating the fibres with an enzyme that exibits maximum pectate lyase enzymatic activity at a temperature above 70 degree C to remove at least 30% of the undesired compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2001

(21) Application No.IN/PCT/2001/623/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PUNCTUM PLUG FOR INSERTION INTO A PUNCTAL OPENING OF A NASAL LACRIMAL DUCT

(51) International classification :A61F 5/56
(31) Priority Document No :09/188,011
(32) Priority Date :06/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/26152
Filing Date :05/11/1999
(87) International Publication No :WO/00/27321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 18
No of Claims : 27

(57) Abstract :
A punctum plug includes a proximal head , a distal body , a shaft between the head , and the body . The shaft of the plug is provided with one or more foldable portions, thereby permitting the length of the shaft to vary depending upon the degree to which the folds are folded or unfolded. In addition, the folds permit the wall of the shaft to easily bend, permitting the head and body of the plug to lie along different axes. As a result, the plug is shaped to accommodate both relatively long and short vertical puncta. The body of the plug may be angled relative to the head to accommodate a variety of anatomical structures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2001

(21) Application No.IN/PCT/2001/626/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : KNUCKLE DRIVE LINK CONVEYOR BELT SYSTEMS

(51) International classification :B65G 15/00
(31) Priority Document No :09/185,957
(32) Priority Date :05/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/025380
Filing Date :28/10/1999
(87) International Publication No : WO/2000/027732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)STEEBER, Dorian, F.
4)DUTERTE, Olivier

No of Pages : 24
No of Claims : 30

(57) Abstract :
This invention provides integrated knuckle drive link conveyor belt systems with improved long wear-high load bearing link coupling joints of a universal joint nature for permitting the belts to travel on straight or curvaceous paths which also feature expedited insertion of spindle rods extending through the knuckles, diverse sprocket drive capabilities and replaceable load conveying platform accessories of the plug-in or snap-in variety. A cylindrical knuckle, when the loaded belt is under tension, has a substantially semi-cylindrical high wear contact surface that handles heavy peak loads. That knuckle is installed expeditiously at a joint between end-to- end connected links constituting a special interfitted jig comprising a seat in the nose end of a link resting the knuckle in a registered operational position to receive the connecting spindle rod through trailing edge bifurcated arms of a leading modular link without a concurrent manual orientation of the knuckle. Diverse sprocket drive structure permits the belt to be driven from beneath or on either lateral side. The knuckle and surrounding seat provides three dimensional moving tolerances to provide the universal joint type operation at each link joint.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2001

(21) Application No.IN/PCT/2001/632/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR OPERATING A REPLICATED NAMING SERVICE FOR SERVICE PROVIDERS

(51) International classification :G06F 13/00
(31) Priority Document No :60/107,167
(32) Priority Date :05/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/024642
Filing Date :21/10/1999
(87) International Publication No :WO/2000/028424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 49
No of Claims : 23

(57) Abstract :
A clustered enterprise JavaTM distributed processing system is provided. The distributed processing system includes a first and a second computer coupled to a communication medium. The first computer includes a JavaTM virtual machine (JVM) (354) and kernel (355) software layer for transferring messages, including a remote JavaTM virtual machine (RJVM) (356). The second computer includes a JVM and a kernel software layer having an RJVM. Messages are passed from an RJVM to the JVM in one computer to the JVM and RJVM in the second computer. Messages may be forwarded through an intermediate server (302 and 303) or rerouted after a network reconfiguration. Each load balancing software component (362) and a failover software component. Each computer includes a duplicated service naming tree for storing a pool of Smart stubs at a node. The computers may be programmed in a stateless, stateless factory, or a stateful programming model. The clustered enterprise JavaTM distributed processing system allows for enhanced scalability and fault tolerance

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2001

(21) Application No.IN/PCT/2001/636/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR NEW DEVICE DRIVER INSTALLATION BY AN OPERATING SYSTEM

(51) International classification :G06F 15/177
(31) Priority Document No :09/183,336
(32) Priority Date :30/10/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/025448
Filing Date :28/10/1999
(87) International Publication No :WO/2000/026805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DECKER, F., Jay

No of Pages : 30
No of Claims : 14

(57) Abstract :
A method for providing device driver code so as to permit an existing Operating System to configure itself to communicate with the device driver code comprising the steps of: . using a computer system having a memory, display, storage media, a CD-ROM drive and/or floppy disk drive, an input/output system, and an add-device tool; b. inputting into the computer the device driver code and related information, the device driver code and related information being stored in one or more files, and entering a pointer to a source path for the operating system and a pointer to an answer file for the operating and c. executing a code mechanism in the add-device tool to modify the answer file for the operating system and to modify OS installation files for the operating system based upon the device driver code and information; whereby the operating system can subsequently configure itself to communicate with the device 20 driver.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2001

(21) Application No.IN/PCT/2001/641/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PHOTOCURABLE SILOXANE POLYMERS

(51) International classification :G02B 1/04
(31) Priority Document No :9803481-2
(32) Priority Date :13/10/1998
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP99/07781
Filing Date :11/10/1999
(87) International Publication No :WO/2000/022460
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 20

(57) Abstract :
The present invention relates to a polysiloxane copolymer having functional acryl groups capable of being photopolymerized into a solid intraocular lens, having a specific gravity greater than about 1.0, a refractive index suitable for restoring the refractive power of the natural crystalline lens, wherein said polysiloxane has siloxane monomer units selected among substituted or unsubstituted arylsiloxanes. arylalkylsiloxanes and alkyl(alkyl)siloxanes and at least one the arylsiloxanes, arylalkylsiloxanes and, alkyl(alkyl)siloxanes monomer units substituted with one or more fluorine atom, wherein at least one of the siloxane monomer units is substituted with one or more fluorine atoms.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2001

(21) Application No.IN/PCT/2001/653/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : APPARATUS AND METHOD FOR REMOTE CURRENT SENSING

(51) International classification	:G01R 15/18
(31) Priority Document No	:S980937
(32) Priority Date	:13/11/1998
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/IE99/00114
Filing Date	:12/11/1999
(87) International Publication No	:WO/2000/029858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 34
No of Claims : 8

(57) Abstract :
The invention relates to an apparatus for remotely sensing the currents flowing in a set of substantially parallel conductors carrying N independent AC currents using magnetic field sensors, characterized in that the apparatus comprises N magnetic field sensors positioned to take mutually independent measurements of the magnetic field generated by the conductors and provide corresponding signals, and a processor in communication with the sensors, said processor being constructed or programmed to implement an algorithm which derives values relating to the conductor currents from the' s~nsor signals and the location and angular orientation of each sensor relative to each conductor and which outputs said values relating to the conductor currents as further signals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2001
(21) Application No.IN/PCT/2001/656/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RESOURCE ALLOCATOR

(51) International classification :H04Q 11/00
(31) Priority Document No :09/189, 710
(32) Priority Date :11/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/026786
Filing Date :10/11/1999
(87) International Publication No :WO/2000/028777
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HANSQUINE, David;
2)AGRAWAL, Avneesh;

No of Pages : 11
No of Claims : 6

(57) Abstract :
1. A method of allocating and using up to a predetermined number of hardware resouces from among a plurality of types of hardware resources, said method comprising: receiving a request for allocation of a shared hardware resource i determining whether a requested hardware type is of a first hardware type; performing following acts when said requested hardware type is of said first hardware type: searching a first table in a memory of said allocator for a first unallocated entry setting an "ith " entry in a second table of said memory of said allocator to a "" of said first table; value corresponding to said first unallocated entry setting said "ith " entry in said second table of said memory of said allocator to indicate that said requested hardware type is of said first hardware type; and setting an entry in said first table, corresponding to said first unallocated entry "j", to a value corresponding to said "ith " entry in said second table; using a corresponding entry of said second table to select one of a plurality of inputs provided to one of a plurality of multiplexers; and outputting said selected one of said plurality of inputs from said one of said plurality of multiplexers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2001

(21) Application No.IN/PCT/2001/660/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR IDENTIFYING BLOCK ARTIFACTS IN DIGITAL VIDEO PICTURES

(51) International classification :H04N 7/30
(31) Priority Document No :99402252.3
(32) Priority Date :14/09/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2000/008497
Filing Date :31/08/2000
(87) International Publication No :WO/2001/020912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROUVELLOU, Laurent;

No of Pages : 16
No of Claims : 10

(57) Abstract :
The present invention relates to a method of processing a sequence of digital video pictures characterized in that said method comprises: a step of gradient filtering (GF) a portion (x) of a current digital picture so as to provide at least one array of filtered video data, a step of computing, for the current digital picture, an average value of absolute values of the filtered video data of the array, a step of identifying a blocking artifact on the basis of a comparison of an absolute value of a current filtered video data with absolute values of two filtered video data adjacent to the current filtered video data in a given direction and the average value, a step of computing (CALC) a block level metric (BM) for the current digital picture on the basis of a number of blocking artifacts according to their position in a grid of predetermined size .

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2001

(21) Application No.IN/PCT/2001/666/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF HYDROGEN SULPHIDE

(51) International classification :C12P 3/00
(31) Priority Document No :98203853.1
(32) Priority Date :16/11/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/NL1999/000705
Filing Date :16/11/1999
(87) International Publication No :WO/2000/029605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DIJKMAN, Henk

No of Pages : 14
No of Claims : 12

(57) Abstract :
The present invention relates to a process for the production of hydrogen sulphide for industrial use by reduction of a sulphur source in a liquid medium in a bioreactor, using bacteria as a catalyst and hydrogen gas, carbon monoxide or organic compounds as an electron donor, characterised by using elemental sulphur as the sulphur source, and stripping the hydrogen sulphide from the liquid medium to produce a gas containing at least 1 vol, % of hydrogen sulphide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2001
(21) Application No.IN/PCT/2001/67/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR CUTTING YARN ON A TEXTILE MACHINE

(51) International classification :B65H 63/06
(31) Priority Document No :CH 1561/98
(32) Priority Date :24/07/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH1999/000329
Filing Date :19/07/1999
(87) International Publication No :WO/2000/006479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BUCHER, Cyrill

No of Pages : 10
No of Claims : 8

(57) Abstract :
A method and a device for cutting yam (9) on a textile machine having a blade (6) which is supplied with kinetic energy via a drive (2, 3, 4). To be able to generate at all times a sufficient yet not excessive cutting power the kinetic energy is delivered in measured quantities and rated in accordance with properties of the yarn and/or device. The drive thus comprises a device (14) for rating the kinetic energy of the blade.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2001

(21) Application No.IN/PCT/2001/682/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN APPARATUS AND METHOD FOR ASCERTAINING THE LOCAL OXYGEN TURNOVER IN PERFUSED TISSUES

(51) International classification :A61B 5/00
(31) Priority Document No :198 53 028.5
(32) Priority Date :18/11/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/08864
Filing Date :18/11/1999
(87) International Publication No :WO/00/28887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KRUG, Alfons

No of Pages : 61
No of Claims : 16

(57) Abstract :
The invention relates to an apparatus noninvasive determination of the oxygen turnover and data derived therefrom with an optical sensor (S) to be placed on the tissue with one or more light sources (W, L) which send light through optical fibers to the sensor (S) , one or more detectors (DD, DR) which receive light backscattered by the tissue through optical fibers, and an evaluation unit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2001

(21) Application No.IN/PCT/2001/683/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELECTRICAL MACHINE

(51) International classification :H02 K 5/124
(31) Priority Document No :19944557.5
(32) Priority Date :17/09/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2000/002635
Filing Date :08/08/2000
(87) International Publication No :WO/2001/022559
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GOTTFRIED, Wolfgang

No of Pages : 8
No of Claims : 8

(57) Abstract :
An electrical machine, in particular a generator, is proposed, which has a shaft (42) with a hub (54) and with an annular gap (81) . The annular gap (81) is formed between the shaft (42) and at least one first component (69), which is connected to the shaft (42) such that they are fixed in rotation, and the hub (54) and at least one second component (78) which is connected to the hub (54) such that they are fixed in rotation. The annular gap (81) is at least partially filled with a pasty substance (84), in particular 20 grease.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2001

(21) Application No.IN/PCT/2001/686/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR ENABLING CORRECT PLACEMENT, A DISK DRIVE AND A DISK DRIVE CONTROLLER

(51) International classification :G11B 21/10
(31) Priority Document No :10/335824
(32) Priority Date :26/11/1998
(33) Name of priority country :Japan
(86) International Application No :PCT/JP99/02422
Filing Date :10/05/1999
(87) International Publication No :WO/00/31738
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKADA, Kenji
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No of Pages : 24
No of Claims : 20

(57) Abstract :
To provide a disk drive, a manufacturing method thereof, and a disk-drive controller which are capable of improving yield without increasing costs so significantly. When track-following control is performed, HDC 20 detects the current position of a read/write head 2, based on the reproduced output of a servo sector from a channel unit 5, and makes a calculation of servo data by employing both an integral parameter corresponding to a target track to be read onto a RAM 1 and the detected current position of the read/write head 2.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2001
(21) Application No.IN/PCT/2001/69/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FOOD INTAKE RESTRICTION DEVICE

(51) International classification :A61F 5/00
(31) Priority Document No :09/133,320
(32) Priority Date :13/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE99/01365
Filing Date :12/08/1999
(87) International Publication No :WO/2000/009047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FORSELL, Peter

No of Pages : 45
No of Claims : 56

(57) Abstract :
A device for forming a stoma opening in the stomach or esophagus of a patient comprises an elongated restriction member (2), forming means (10) for forming the elongated restriction member into at least a substantially closed loop around the stomach or esophagus, said loop defining a restriction opening (3), and an adjustment means (12) for adjusting the restriction member in said loop to change the size of said restriction opening. The adjustment means (12) is designed to mechanically adjust the restriction member in a non-invasive manner to allow post-operation non-invasive adjustments of the restriction member.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2001
(21) Application No.IN/PCT/2001/694/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A DEVICE FOR THE DIFFUSION OF AN ACTIVE VOLATILE SUBSTANCE INTO AMBIENT AIR OR CLOSED SPACES"

(51) International classification :A61L 9/12
(31) Priority Document No :PCT/IB98/01701
(32) Priority Date :22/10/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/GB1999/003424
Filing Date :22/10/1999
(87) International Publication No :WO/2000/024434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 19

(57) Abstract :
The present invention relates to a devic efor the diffusion of an active volatile substance into ambient air or closed spaces comprising a solid casing or housing and am soild carrier containing said volatile substance wherein said solid carrier is arranged in at least one recess formed in said casing or housing, the at least one recess having a depth and a width which are chosen in relation to the composition of the solid carrier containing the active substance so that the ration of the evaporation surface of the solid carrier to the mass of the solid carrier disposed within the said recess is such that a substantially constant vapour relase rate and total evaporation of said active volatile substance during the active lifetime of the device is obtained, the at least one recess having a surface are of 10 to 50 cm2 and the amount of solid carried containing the volatile substance at the beginning of the lifetime of the device being from 3 to 30g.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2001
(21) Application No.IN/PCT/2001/699/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SELF-SUPPORTING, MODULAR, PREFABRICATED RADIATING PANEL

(51) International classification :F24D 3/16
(31) Priority Document No :98830703.9
(32) Priority Date :23/11/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB1999/001864
Filing Date :22/11/1999
(87) International Publication No :WO/2000/031472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MESSANA, Roberto

No of Pages : 23
No of Claims : 22

(57) Abstract :
The invention relates to a prefabricated, self-supporting, radiating panel having a sandwich structure formed by at least a layer of plasterboard and a layer of heat-insulating material, and plasterboard layer incorporating, internally, pipes for a working fluid, the end portions of which emerge from a side of the panel, characterized in that said plasterboard layer comprises a plurality of continuous pipes each housed in cavities arranged in a coiled outline on one side and in adjacent modular zones of the panel forming an independent hydraulic circuit, said zones being separable from one another so as to provide panel parts of different sizes in a modular manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2001

(21) Application No.IN/PCT/2001/731/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BIAXIAL ORIENTED FILM

(51) International classification :H01G 4/18
(31) Priority Document No :198 49 678.8
(32) Priority Date :28/10/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/008090
Filing Date :26/10/1999
(87) International Publication No :WO/2000/025330
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MULLER-NAGEL, Kerstin

No of Pages : 27
No of Claims : 18

(57) Abstract :
The present invention relates to a biaxially oriented film having at atleast one layer comprising polypropylene characterized in that the polypropylene has a chain isotacticity index, measured by C-NMR spectroscopy (triad method), of at least 95% and the n-heptane-insoluble content is at least 97%, and in that the transverse shrinkage of the film (depending on the film thickness d) satisfies the following formula: < 3.5% 4.5-12 Âµm transverse shrinkage at 140Â°C maximum 5.5% A shrinkage at 140Â°C - shrinkage at 120Â°C = < 3.0% >12-20 Âµm transverse shrinkage at 140Â°C maximum 4.5% A shrinkage at 140Â°C - shrinkage at 120Â°c =

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2001
(21) Application No.IN/PCT/2001/74/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR THE MAUNFACTURE OF A PET FOOD COMPOSITION

(51) International classification :A23K 1/16
(31) Priority Document No :60/090,882
(32) Priority Date :26/06/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/14009
Filing Date :22/06/1999
(87) International Publication No :WO/00/00039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 10

(57) Abstract :
The present invention relates to a method for the manufacture of a composition for (1) promoting weight loss (2) for increasing the lean body mass (3) enhancing satiety (4) decreasing voluntary food intake in overweight dogs, or any combinations thereof wherein the composition is obtained by admixing L-carnitine, from 18 to 40 wt% crude protein, 4 to 30 wt6/o fat, and 2 to 20 wt% total dietary fiber.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2001
(21) Application No.IN/PCT/2001/761/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DEVICE WITH A VIBRATION-DAMPED COMPONENT, ESPECIALLY A BRAKE

(51) International classification :F16D 65/00
(31) Priority Document No :198 55 467.2
(32) Priority Date :01/12/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/09214
Filing Date :26/11/1999
(87) International Publication No :WO/00/32958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 22

(57) Abstract :
The invention relates to the damping of mechanical vibrations of components in devices, especially the damping of components (16, 22, 24) of brakes (10). At least one piezoelectric element (46, 52) is provided to this end, said piezoelectric element engaging with the vibrating component (16, 22, 24) and being electrically excited in such a way that it damps the vibrations of the component (16, 22, 24).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2001

(21) Application No.IN/PCT/2001/764/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A FUEL INJECTION VALVE AND A METHOD FOR THE PRODUCTION OF FUEL INJECTION VALVE

(51) International classification :F02M 61/20
(31) Priority Document No :199 47 195.9
(32) Priority Date :01/10/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2000/003268
Filing Date :20/09/2000
(87) International Publication No :WO/2001/025621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 17
No of Claims : 16

(57) Abstract :
A fuel injection valve for internal combustion engines with a valve-holding body, in which a piston-shaped valve member is arranged, which is capable of being moved axially against the force of at least one closing spring and, over part of its length, is guided in a hole and which, at its combustion chamber end, controls the opening of at least one injection passage, and with a spring space, which accommodates the at least one closing spring and is formed in the valve-holding body further away from the combustion chamber than the guided portion of the valve member, the valve member being acted upon by the at least one closing spring, which is in each case supported at the opposite end from the combustion chamber by a piston-shaped adjusting stud, which is fixed in position by deformation of a residual wall of the spring space by caulking, and with a pressure shoulder, which is formed on the valve member and is capable of being subjected to fuel under high pressure, with the result that, at a certain opening pressure, a resultant force in the axial direction on the valve member that is greater than the force of the at least one closing spring is exerted, characterized in that at least one adjusting hole, which is formed as a throughhole in the wall of the spring space and through which an adjusting tool that is capable of being used to adjust the axial position of the adjusting stud is capable of being introduced, is formed in the valve-holding body approximately g at the level of the e adjusting stud.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2001
(21) Application No.IN/PCT/2001/765/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLUORESCENCE-ACTIVATED IMAGE ACQUISITION APPARATUS AND IMAGING SYSTEM COMPRISING SAME

(51) International classification :H04N 1/10
(31) Priority Document No : 98/14762
(32) Priority Date :24/11/1998
(33) Name of priority country :France
(86) International Application No :PCT/FR1999/002847
Filing Date :19/11/1999
(87) International Publication No : WO/2000/031962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DELVORDRE, Pascal
3)BARON, Pierre-Michel

No of Pages : 16
No of Claims : 11

(57) Abstract :
An apparatus for the acquisition of fluorescent images of a plane object, comprising means (21, 25, 28) for housing the plane object whose image it is desired to acquire a source (29), capable of emitting UV radiation inducing the photoluminescence of said object (1) and a sensor (31) sensitive to the fluorescent radiation, characterized in that it has a carriage (19) which supports a linear sensor (31) provided with a plurality of aligned photosites, at least a source (29) capable of emitting UV radiation, and means (23) for driving the carriage (19) which supports the linear sensor (31) with respect to the region of the object (1, 21) whose image it is desired to acquire and control means (32) for controlling the illumination with UV radiation and for moving the carriage (19) with I:espect to the object, with the acquisition of a succession image lines corresponding to at least one region of the plane object (1) whose image it is desired to acquire.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2001
(21) Application No.IN/PCT/2001/767/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : 5-DIRECTION KEY OPERATING DEVICE

(51) International classification :H01H 25/04
(31) Priority Document No :11/281740
(32) Priority Date :01/10/1999
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2000/006736
Filing Date :28/09/2000
(87) International Publication No :WO/2001/026126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)Akinori OHIRA
6)Koichi YAMAMOTO

No of Pages : 26
No of Claims : 3

(57) Abstract :
A 5-direction key operating device is provided in which the structure of diaphragm contacts disposed on a printed circuit board is improved to allow five diaphragms to be disposed in a minimum space, and a single button key is enabled to operate the five diaphragms. Moreover, a 5-direction key operating device is provided in which an operation space can be reduced, and desired one of information displayed on a display section can be selected and determined by a smooth key operation without causing an 10 erroneous operation. In each of diaphragm contacts on which diaphragms (4) that are arranged in the shape of a cross in correspondence with 5-direction keys are to be placed, a circular contact (1) which is a first contact, and strip-like contact portions (3a to 3d) which are elongated in a fan-like shape with respect to the center of the first contact (1) are disposed in a second contact (2) and in the side opposite to the side of the first contact (1). According to this configuration and arrangement, the space for disposing the diaphragm contacts can be reduced, and the whole device can be miniaturized and lightened. Five diaphragms are shown on the printed circuit board, and five pusher portions are disposed on a core face opposed to the diaphragms and on a key base. The height of the upper, lower, right, and left pusher portions is set to be different from that of the center pusher 25 portion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2001
(21) Application No.IN/PCT/2001/773/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GLP-1 ANALOGUES

(51) International classification :C07K 14/605
(31) Priority Document No :60/194, 929
(32) Priority Date :06/04/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/028929
Filing Date :07/12/1999
(87) International Publication No :WO/2000/034332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DONG, Zheng, Xin
2)David, H. COY

No of Pages : 35
No of Claims : 9

(57) Abstract :
The present invention is directed to peptide analogues of glucagon-like peptide-1, the pharmaceutically-acceptable salts thereof, to methods of using such analogues to treat mammals and to pharmaceutical compositions useful therefor comprising said analogues.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2001
(21) Application No.IN/PCT/2001/775/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD, MOBILE STATION AND BASE STATION FOR DYNAMICALLY ADJUSTING A POWER CONTROL LOOP

(51) International classification :H04B 7/05
(31) Priority Document No :US 09/204 026
(32) Priority Date :01/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/028394
Filing Date :30/11/1999
(87) International Publication No :WO/2000/033478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SOLIMAN, Samir, S.;

No of Pages : 20
No of Claims : 20

(57) Abstract :
A method and apparatus for dynamically adjusting a power control loop that attempts to maintain either the transmit power of a signal sent from a base station to a mobile station or the signal to noise ratio of a signal sent from the mobile station (300) to the base station (400) above a minimum threshold and below a maximum threshold. Location information that is representative of the distance and morphology between the mobile station (300) and the base station (400) and the velocity of the mobile station (300) are determined. The minimum and the maximum thresholds of the power control loop are then adjusted in accordance with the location and the mobility information such that the minimum and the maximum threshold vary as the distance and the morphology between the mobile station (300) and the base station (400) and the velocity of the mobile station (300) change. In addition, the step size used to increase or decrease the transmit signal power, is adjusted in accordance with the velocity of the mobile station (300). A transmitter sends the signal at a power level that is controlled by the power control loop with the adjusted minimum threshold.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2001

(21) Application No.IN/PCT/2001/780/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A FLUID COMPRESSOR AND A METHOD OF COMPRESSIG A FIRST FLUID

(51) International classification :F04B 35/00
(31) Priority Document No :GB 982656.3
(32) Priority Date :04/12/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB1999/004034
Filing Date :02/12/1999
(87) International Publication No :WO/2000/034655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRIGHTWELL, Alan
2)WEDGE, PHILIP, JOHN

No of Pages : 16
No of Claims : 21

(57) Abstract :
A fluid compressor having two stages of compression including first and second chambers, each for receiving a first fluid to be compressed; means for receiving a second fluid under pressure in each of the first and second chambers to effect compression of the first fluid by reducing its volume; and a piston provided in each chamber to separate the first and second fluids, wherein at least a first stage piston has a piston area for the first fluid which is larger than the piston area of the pressurised fluid and characterised in that each piston is driven by a ram rod and the ram rods have differing diameters.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2001

(21) Application No.IN/PCT/2001/808/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ABSORBENT ARTICLE

(51) International classification :A61F 13/15
(31) Priority Document No :60/112,707
(32) Priority Date :18/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/29704
Filing Date :15/12/1999
(87) International Publication No :WO/00/37009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)FLETCHER, Amy, Lynn
2)DIMITRIJEVS, Lisa, Ann
3)OLSON, Christopher, Peter
4)RATLIFF, Kathleen, Irene
5)WEBER, Shirlee, Ann
6)WEST, Susan, Lee

No of Pages : 30
No of Claims : 5

(57) Abstract :
A disposable absorbent article includes an absorbent chassis and a fastening system that together define a refastenable pant. The refastenable pant includes a pair of elastomeric front side panels extending from the waist opening to each leg opening, a pair of elastomeric back side panels extending from the waist opening to each leg opening, and a pair of refastenable seams extending from the waist opening to each leg opening and positioned between the elastomeric front and back side panels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2001

(21) Application No.IN/PCT/2001/811/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREAPRING OLEFIN OXIDES AND A CATALYST THEREFORE

(51) International classification :CO7D 301/04
(31) Priority Document No :60/112, 429
(32) Priority Date :16/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/028699
Filing Date :07/12/1999
(87) International Publication No :WO/2000/035893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BOWMAN, Robert, G.
2)CLARK, Howard, W.
3)KUPERMAN, Alex
4)HARTWELL, George, E.
5)MEIMA, Garmt, R.

No of Pages : 52
No of Claims : 61

(57) Abstract :
This invention relates to a process and catalyst for the direct oxidation of a olefin, such propylene to an olefine oxide, such as propylene oxide, involving contacting the olefin under reaction conditions with oxygen in the presence of hydrogen and a catalyst, the catalyst containing, silver, at least one platinum group element, and titanium, and optionally glod, and optionally at least one promoter element selected from Group 1, Group 2, Zinc, cadmium, the lanthanide rare earths, the actinide elements and combinations thereof, thereof wherein the catalyst is calcined under oxygen and not reduced prior to use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2001
(21) Application No.IN/PCT/2001/814/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AN ADDITIONAL AMINO ACID RESIDUE

(51) International classification :C11D 3/386
(31) Priority Document No :PA 1998 01677
(32) Priority Date :18/12/1998
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK99/00711
Filing Date :20/12/1999
(87) International Publication No :WO/00/37621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)ANDERSEN, Carsten
5)NORREGAARD-MADSEN, Mads

No of Pages : 67
No of Claims : 33

(57) Abstract :
Subtilase enzymes of the I-S1 and I-S2 sub-groups having an additional amino acid residue in position 98 of the active site loop (b) region from position 95 to 103. Variant subtilases exhibit improved wash performance in a detergent in comparison to its parent enzyme.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2001

(21) Application No.IN/PCT/2001/817/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUBTILASE ENZYMES HAVING AN ADDITIONAL AMINO ACID RESIDUE IN AN ACTIVE SITE LOOP REGION

(51) International classification :C12N 9/54
(31) Priority Document No : PA 1998 01675
(32) Priority Date :18/12/1998
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK99/00713
Filing Date :20/12/1999
(87) International Publication No :WO/00/37623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ANDERSEN, Carsten
5)NORREGAARD-MADSEN, Mads

No of Pages : 65
No of Claims : 36

(57) Abstract :
The invention relates to Subtilase enzymes of the I-S1 and I-S2 sub-groups having an additional amino acid residue in position 96 of the active site loop (b) region from position 95 to 103. Variant subtilases exhibit improved wash performance in a detergent in comparison to its parent enzyme.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2001
(21) Application No.IN/PCT/2001/822/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUBTILASE ENZYMES HAVING AN ADDITIONAL AMINO ACID RESIDUE

(51) International classification :C12N 9/54
(31) Priority Document No :PA 1998 01670
(32) Priority Date :18/12/1998
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK99/00718
Filing Date :20/12/1999
(87) International Publication No :WO/00/37627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HANSEN KAMP, Peter
4)ANDERSEN, Carsten
5)NORREGAARD-MADSEN, Mads

No of Pages : 62
No of Claims : 32

(57) Abstract :
Subtilase enzymes of the I-S1 and I-S2 sub-groups having an additional amino acid residue in position 103 of the active site loop (b) region from position 95 to 103. Variant subtilases exhibit improved wash performance in a detergent in comparison to its parent enzyme.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2001
(21) Application No.IN/PCT/2001/849/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : THIADIAZOLE ADDITIVES AND LUBRICATING COMPOSITIONS CONTAINING THE SAME

(51) International classification :C07D 285/125
(31) Priority Document No :60/160,569
(32) Priority Date :20/10/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/41329
Filing Date :20/10/2000
(87) International Publication No :WO/01/29155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KAROL, Thomas, J.
2)TEPPER, Ronald, J.

No of Pages : 22
No of Claims : 28

(57) Abstract :
Thiadiazole-poly(ether)glycol reaction products and adducts useful as extreme pressure additives. Lubricating compositions (e.g., greases) containing the reaction products and adducts exhibit improved Timken Load properties.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2001

(21) Application No.IN/PCT/2001/868/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A 2-HALO-3-NITRO-4-AMINOPYRIDINE COMPOUND

(51) International classification :C07D 471/04
(31) Priority Document No :60/113,077
(32) Priority Date :21/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/029643
Filing Date :14/12/1999
(87) International Publication No : WO/2000/037469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SALAZAR, Diane, C..

No of Pages : 26
No of Claims : 19

(57) Abstract :
A process for preparing a 2-halo-3-nitro-4-aminopyridine compound of formula wherein X is a straight or branched chain alkylene, cycloalkylene or cycloalkenylene group; Xz is CI or F; Y is ~, 0 or S; a = 0 or I; Z is of the formula ~ or (Zz>n Rt> wherein Zl is N, CRs, (CH)m-CRs or (CH)m-N, m being 1 or 2; and Zz is N, NR6, 0 or S, n being 0 or 1; ~, Rs and ~ are independently H, alkyl, aryl or heterocyclyl; and Ra and Rb are independently H, OH, alkyl, hydroxyalkyl, alkyl mercaptyl, thioalkyl, alkoxy, alkoxyalkyl, amino, alkyl amino, carboxyl, acyl, halogen, carbamoyl, alkyl carbamoyl, aryl or heterocyclyl; comprising reacting a 2,4-dihalo-3-nitropyridine compound of formula wherein Xl is F and Xz is CI or F, with an amine of formula HzN-X-(Y)a-Z and recovering the 2-halo-3-nitro-4-aminopyridine compound in a known manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2001

(21) Application No.IN/PCT/2001/87/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF MANUFACTURING A HIGHLY ABSORBENT COMPOSITE SHEET AND THE SHEET

(51) International classification :D04H 1/4
(31) Priority Document No :10/205280
(32) Priority Date :21/07/1998
(33) Name of priority country :Japan
(86) International Application No :PCT/JP99/03875
Filing Date :19/07/1999
(87) International Publication No :WO/2000/005444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SUZUKI, Migaku
2)ISHIHARA, Toshihiko
3)HOFMANN, Thomas
4)MORI, Shingo

No of Pages : 27
No of Claims : 30

(57) Abstract :
The present invention relates to a method of manufacturing a highly absorbent composite sheet mainly consisting of a fibrous web substrate, a super absorbent resin, and a bonding agent to bond said substrate and said super absorbent resin, wherein (a) said fibrous web substrate is an unbonded web having substantially no bonding portions among its constituent fibers, (b) said super absorbent resin and said bonding agent are dispersed in a liquid mixture containing an aqueous medium which does not swell said absorbent resin, (c) the resulting dispersion mixture is added to said unbonded fibrous web substrate to obtain a composite web, and (d) a liquid component is removed from said composite web, whereby fixing of said super absorbent resin onto said fibrous web substrate is effected simultaneously with bonding of constituent webs of said fibrous web substrate with one another. The invention also relates to a highly absorbent composite sheet.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2001

(21) Application No.IN/PCT/2001/882/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR THE PRODUCTION OF AN AMINE FROM A NITRILE

(51) International classification :C07C 209/48
(31) Priority Document No :60/113,329
(32) Priority Date :22/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No : PCT/US1999/029394
Filing Date :10/12/1999
(87) International Publication No : WO/2000/037424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GOODWIN, Ralph, T., III
2)WARD, Gregory, J.

No of Pages : 13
No of Claims : 22

(57) Abstract :
A method for the production of an amine from a nitrile utilizing hydrogenation by: feeding hydrogen and nitrile into a reactor including catalyst, water and inorganic base to form a reaction medium; mixing the reaction medium to provide a uniform bulk concentration of the nitrile in at least one direction across the reactor to minimize the reactor volume where local bulk nitrile concentration exceeds that stoichiometrically required to completely deplete the local bulk hydrogen concentration; and hydrogenating the nitrile to form the amine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2001
(21) Application No.IN/PCT/2001/892/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A DEVICE FOR NOISE REDUCTION, AIR-CONDITIONING AND ACCIDENT PREVENTION FOR A JACQUARD WEAVING MACHINE AND JACQUARD WEAVING MACHINE

(51) International classification :D03D 49/02
(31) Priority Document No :DE 298 23 116.6
(32) Priority Date :28/12/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/CH99/00561
Filing Date :23/11/1999
(87) International Publication No :WO/00/39377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SPEICH, Francisco

No of Pages : 11
No of Claims : 15

(57) Abstract :
A plurality of casing modules are mountable to a Jacquard weaving machine such as to enclose same. A first mQdule encloses the weaving machine and comprises a device for supply fresh or conditioned air. A second module encloses the weaving area and harness, and comprises a device for evacuating used air. The arrangement reduces environmental pollution caused by noise, dust or process steam in a weaving shed, considerabl~ improves operator comfort at the weaving machine and significantly decreases accident risk.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2001
(21) Application No.IN/PCT/2001/894/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GAS SEAL BELL FOR SHAFT FURNACES

(51) International classification :C21B 7/08
(31) Priority Document No :198 60 902.7
(32) Priority Date :30/12/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/009808
Filing Date :11/12/1999
(87) International Publication No :WO/2000/040762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)OTREMBA, Werner
3)HILLE, Hartmut
4)RICKE, Marko

No of Pages : 9
No of Claims : 8

(57) Abstract :
A gas seal bell for shaft furnaces, in particular blast furnaces, with a product feed hopper having an inward transfer pipe, a rotating chute carrier with rotary drive, and a swiveling chute inside the furnace with driving means situated outside a casing, is made less susceptible to failure and low-wear by having the driving means for swiveling the chute comprise at least one motor (7), which drives a toothed ring (9) via a pinion gear (8), wherein the toothed ring (9) meshes with the spindle toothed wheels (11) of at least two spindles (13) distributed over the periphery of the gas bell seal outside the rotating chute carrier (3) to generate a lifting and sinking motion of the spindles, along with means (14, 15, 17, 21) for transferring this vertical motion of the spindles to the tilting shafts (22) penetrating the casin wherein the chute can be suspended in these tilting lshafts, to generate a swiveling or tilting motion of the chute.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2001

(21) Application No.IN/PCT/2001/9/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR ISOMERIZING C4 TO C40 ALPHA OLEFINS

(51) International classification :C07C 5/25
(31) Priority Document No :09/115,815
(32) Priority Date :15/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/09746
Filing Date :04/05/1999
(87) International Publication No :WO/00/03961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BARALT, Eduardo, J.
2)KING, Amy, C
3)KING, Carol, E.

No of Pages : 12
No of Claims : 6

(57) Abstract :
This invention relates to a method for isomerizing C4 to C4o alpha olefms to produce a product mixture comprising at least 80 weight % of linear internal olefins, which comprises heating to a temperature of 100 to 250Â°C the alpha olefins in the presence of a zeolite which contains an isomerization promoter consisting of between 1 weight percent and 10 weight percent of nickel monoxide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2001

(21) Application No.IN/PCT/2001/901/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A FILLER-CONTAINING POLYMER DISPERSION,

(51) International classification :C08F 2/44
(31) Priority Document No :3177/98
(32) Priority Date :30/12/1998
(33) Name of priority country :Chile
(86) International Application No :PCT/EP99/10151
Filing Date :21/12/1999
(87) International Publication No :WO/2000/040629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PAVEZ ARANGUIZ, Roberto

No of Pages : 31
No of Claims : 17

(57) Abstract :
The present invention relates to a filler-containing polymer dispersion which contains water, particles of at least one organic or at least one inorganic filler or a mixture thereof (filler particles) and particles of at least one synthetic organic polymer polymerized in the presence of filler particles of at least one type (polymer particles), characterized in that the ratio of the particle size of the filler particles to the particle size of the polymer particles is in the range from 1.1: 1 to 20: 1. The invention also relates to a process for the production of the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2001

(21) Application No.IN/PCT/2001/909/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND AN APPARATUS FOR SWAPPING UNDERSIRED VIDEO IN A SPECIFIC VIDEO STREAM

(51) International classification :H04N 7/00
(31) Priority Document No :09/431 494
(32) Priority Date :01/11/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2000/010100
Filing Date :12/10/2000
(87) International Publication No :WO/2001/033848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DIMITROVA, Nevenka;
2)MCGEE, Thomas;
3)AGNIHOTRI, Lalitha;

No of Pages : 12
No of Claims : 14

(57) Abstract :
The invention relates to a method for swapping undesired video in a specific video stream with desired video, said method comprising the steps of : detecting a start of a specific video sequence; detecting characteristics of said specific video sequence; comparing said detected characteristics with stored characteristics of other video sequences, said stored characteristics having indicators specifying whether the respective other video sequences are desired; determining whether said specific video sequence is desired based on said stored characteristics; and substituting a desired video sequence in place of said specific video sequence is said specific video sequence is not desired.The invention also relates to an apparatus for swapping undesired video in a specific video stream.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2001

(21) Application No.IN/PCT/2001/92/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR DENSIFYING A BULK PARTICULATE MATERIAL

(51) International classification	:B65G 69/20
(31) Priority Document No	:98/5615
(32) Priority Date	:26/06/1998
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB1999/001199
Filing Date	:25/06/1999
(87) International Publication No	:WO/2000/000418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RUSSEL-SMITH, Kevan, Vaughan

No of Pages : 23
No of Claims : 33

(57) Abstract :
A method of densifying a bulk particulate material includes at least partially confining the bulk particulate material, and rotating a rotatable member (14) submerged under the bulk particulate material about an axis of rotation (16) to cause movement of the material particles essentially towards or away from the axis of rotation, thereby to provide a densified bulk particulate material. The method is particularly suitable for densifying silica fume. The invention extends to apparatus for densifying a bulk particulate material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2001

(21) Application No.IN/PCT/2001/928/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AQUEOUS DISPERSIONS OF FLUOROPOLYMERS

(51) International classification :C08F 14/18
(31) Priority Document No :198 57 111.9
(32) Priority Date :11/12/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP1999/009500
Filing Date :04/12/1999
(87) International Publication No :WO/2000/035971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LOHR, Gernot
4)SCHWERTFEGER, Werner
5)SULZBACH, Reinhard, Albert

No of Pages : 22
No of Claims : 19

(57) Abstract :
Fluorine-containing emulsifiers can be removed from fluoropolymer dispersions by adding to the dispersion a nonionic emulsifier, removing the fluorine-containing emulsifier by contact with an anion exchanger and separating the dispersion from the anion exchanger. The resulting dispersions can be concentrated and used for coating applications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2001

(21) Application No.IN/PCT/2001/931/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A COMMUNICATION NETWORK AND A METHOD FOR CIPHERING

(51) International classification :H04Q 7/32
(31) Priority Document No :982727
(32) Priority Date :16/12/1998
(33) Name of priority country :Finland
(86) International Application No :PCT/FI1999/001010
Filing Date :07/12/1999
(87) International Publication No :WO/2000/036860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAJANIEMI, JAAKKO
3)HULKKONEN, TONY
4)BACK, JUHA

No of Pages : 18
No of Claims : 22

(57) Abstract :
Acommunication network comprising a user equipment, an access network and a plurality of core networks, wherein said user equipment is capable of being simultaneously in communication with a least two of said plurality of core networks, characterixed in that said communication network comprises means for communication separate ciphering parameters to said access network is said at least two of said plurality of core network; and means for slecting one of said separate ciphering parameters for ciphering communication between said user equipment and said at least two of said plurality of core ntworks in said access notwork.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2001

(21) Application No.IN/PCT/2001/933/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HEAT SENSITIVE RECORDING MATERIAL

(51) International classification :B41M 5/30
(31) Priority Document No :9827569.6
(32) Priority Date :16/12/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP1999/009473
Filing Date :03/12/1999
(87) International Publication No :WO/2000/035679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIRK, Roy, Alan
3)TAYLOR, James, Philip
4)WHITWORTH, John
5)O'NEIL, Robert, Montgomery
6)HENSHALL, John, Barry

No of Pages : 46
No of Claims : 23

(57) Abstract :
A heat sensitive recording material, comprising a) at least one colour forming compound, and b) at least one developer of the formula wherein RI is phenyl or naphthyl, which can be unsubstituted or substituted by C1-Cgalkyl, C1-Cg-alkoxy or halogen; or C1-C2oalkyl, which can be unsubstituted or substituted by C1-Cg-alkoxy or halogen, X is a group of the formufa NH; fl or ft , A is unsubstituted or substituted phenylene, naphthylene or C1-CI2alkylene, or is an un substituted or substituted heterocyclic group, B is, a linking group of formula -0-S02-, -S02-0- -NH-S02- -S02-NH- -S- S02-, -O-CO-NH-, -NH-CO', -NHCO-O-, -S-CO-NH-, -S-CS-NH-, -CO-NH- S02-, O-CO-, NH-S02-, -NH=CH-, -CO-NH-CO-, -S-, -CO-, -0-, -S02-NH- CO-, -O-CO-O- and -0-PO-(OR2)2, and R2 is aryl, preferably phenyl or naphthyl, which can be unsubstituted or substituted by C1-Cgalkyl, halogen-substituted C1-Cgalkyl, C1-Cgalkoxy- substituted C1-Cgalkyl, C1-Cgalkoxy, halogen-substituted C1-Cgalkoxy or halogen; or benzyl, which can be substituted by C1-Cgalkyl, halogen-substituted C)-Cgalkyl, C)- Cgalkoxy-substituted C)-Cga1kyl, C)-Cgalkoxy, halogen- substituted C)-Cgalkoxy or halogen;

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2001

(21) Application No.IN/PCT/2001/94/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR EVALUATING DEFECTS IN FLAT TEXTILE STRUCTURES

(51) International classification :A43B 13/00
(31) Priority Document No :1562/98
(32) Priority Date :24/07/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH99/00330
Filing Date :19/07/1999
(87) International Publication No :WO/00/06823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEUENBERGER, Rolf

No of Pages : 15
No of Claims : 12

(57) Abstract :
The invention relates to a method and a device for evaluating defects in flat textile structures. To be able to provide a method and a device which permit the repeated and unambiguous evaluation of defects in flat textile structures, the invention provides for an image (1) of a flat structure to be generated such that at least two representations of defects (2-17) in the flat structure appear in the image which differ in terms of the length and contrast of the defect. On the basis of said representations a decision is taken as to whether a defect in the flat structure is admissible or inadmissible. To this end a tabular or matrix-like arrangement of representations of different kinds of defects is created and an image of a defect-free flat structure is used as background.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2001

(21) Application No.IN/PCT/2001/95/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : "A MEASURING DEVICE FOR THREAD-TYPE TEST PIECES"

(51) International classification :G01L 5/04
(31) Priority Document No :CH 1612/98
(32) Priority Date :31/07/1998
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH1999/000340
Filing Date :23/07/1999
(87) International Publication No :WO/2000/007921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PIDOUX, Roger

No of Pages : 9
No of Claims : 11

(57) Abstract :
A measuring device for thread-type test pieces having a measuring slit (2) with measuring Zones (6,7)for measuring the characteristics of a moving test piece, which are associated with a measuring device, Characterized by a coating (8) of an abrasion- resistant material, which is insenitive to wear by the moving test piece and covers the measuring zone in the measuring slit at least in part.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2001

(21) Application No.IN/PCT/2001/962/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR OPERATING A VAPOR COMPRESSION REFRIGERATION SYSTEM AND A VAPOR COMPRESSION REFRIGERATION SYSTEM

(51) International classification :F25B 41/06
(31) Priority Document No :US 09/228, 696
(32) Priority Date :12/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/000622
Filing Date :10/01/2000
(87) International Publication No :WO/2000/042364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WIGHTMAN, David, A.;

No of Pages : 52
No of Claims : 38

(57) Abstract :
A method for operating a vapor compression refrigeration system, wherein an evaporator removes heat from a medium which is circulated through said evaporator in heat exchange relation with an evaporator coil in said evaporator, said evaporator coil comprising an inlet which is in flow communication with an expansion device and an outlet which is in flow communication with a compressor, the method comprising the steps of. compressing a refrigerant fluid in said compressor; condensing said refrigerant fluid in a condenser to form a condensed refrigerant fluid; expanding said condensed refrigerant fluid in said expansion device to form an expanded refrigerant fluid, wherein said expanded refrigerant fluid is in a liquid form or substantially in said liquid form with a small vapor fraction; supplying said expanded refrigerant to an evaporator feed line connecting said expansion device to said evaporator coil inlet; converting a significant amount of said liquid form to a liquid and vapor mixture within said evaporator feed line, wherein the diameter and length of said evaporator feed line facilitates said conversion; supplying said mixture of refrigerant vapor and liquid to said evaporator coil inlet, said mixture comprising a substantial vapor portion; and converting substantially all of said liquid to vapor as said mixture passes through said evaporator coil, whereby efficient heat transfer is provided between said mixture and said medium along substantially the entire length of said coil, and whereby the build-up of frost on said evaporator coil is substantially reduced. A vapor compression refrigeration system comprising a compressor, a condenser, an expansion device, an evaporator, an evaporator feed line and a suction line.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2001

(21) Application No.IN/PCT/2001/963/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A VAPOR COMPRESSION SYSTEM AND METHOD FOR OPERATING A VAPOR COMPRESSION SYSTEM

(51) International classification :F25B 41/04
(31) Priority Document No :09/228,696
(32) Priority Date :12/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/00663
Filing Date :11/01/2000
(87) International Publication No :WO/00/42363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WEIGHTMAN, David, A.

No of Pages : 47
No of Claims : 55

(57) Abstract :
A vapor compression system comprising: a compressor (12) for increasing the pressure and temperature of a heat transfer fluid; a first discharge line (20) coupling the compressor (12) to a condenser (14); a liquid line (22) coupling the condenser (14) to a first inlet of an expansion valve (42); wherein the expansion valve (42) is configured to expand the heat transfer fluid to form an expanded heat transfer fluid; a saturated vapor line (28) coupling an outlet of the expansion valve (42) to an evaporator (16); a suction line (30) coupling the evaporator (16) to the compressor (12); characterized in that a heat source (25) is applied to the expanded heat transfer fluid in the saturated vapor line and/or the expansion valve, the heat source (25) being an active heat source and/or a heat source generated by one or more of the compressor (12) the condenser (14) and the fIrst discharge line (20), whereby a substantial portion of the heat transfer fluid is converted into a saturated vapor prior to delivery to the evaporator. A method for operating a vapor compression system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2001

(21) Application No.IN/PCT/2001/982/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AQUEOUS PEROXIDE EMULSIONS

(51) International classification :C08F 2/20
(31) Priority Document No :EP 99200066.1
(32) Priority Date :12/01/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP00/00003
Filing Date :06/01/2000
(87) International Publication No : WO/2000/042078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)O, Boen, Ho

No of Pages : 20
No of Claims : 11

(57) Abstract :
The present invention relates to a aqueous peroxide emulsion, which contains a specific emulsifier system comprising a copolymer of an a,p-unsaturated dicarboxylic acid and a C8-24 a-olefin the acid groups of which are esterified with an ethoxylated alcohol having a degree of ethoxylation of 1-45, characterized in that the emulsifier system further comprises an ethoxylated fatty alcohol with an HLB-value greater than 16 to 30.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2001
(21) Application No.IN/PCT/2001/996/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A NOVEL MIXED METAL CATALYST

(51) International classification :B01J 37/03
(31) Priority Document No :99200099.2
(32) Priority Date :15/01/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/00354
Filing Date :13/01/2000
(87) International Publication No :WO/00/41811
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RILEY, Kenneth, Lloyd
6)SOLED, Stuart, Leon
7)MISEO, Sabato

No of Pages : 34
No of Claims : 14

(57) Abstract :
The present invention relates to a process for the preparation of a hydroprocessing catalyst, to the catalyst composition obtainable by said process, and to the use of said catalyst composition in hydroprocessing applications. Said process comprises the steps of combining and reacting at least one Group VIII non-noble metal component in solution and at least two Group VIB metal components in solution in a reaction mixture to obtain an oxygen-stable precipitate, and sulphiding the precipitate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2001

(21) Application No.IN/PCT/2001/997/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A MIXED METAL CATALYST COMPOSITION, ITS PREPARATION AND USE

(51) International classification :B 01J 37/02
(31) Priority Document No :09/231,118
(32) Priority Date :15/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP00/00355
Filing Date :13/01/2000
(87) International Publication No :WO/2000/041810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RILEY, Kenneth, Lloyd;
6)SOLED, Stuart, Leon
7)MISEO, Sabato;

No of Pages : 49
No of Claims : 14

(57) Abstract :
The Present invention relates to a process for preparing a catalyst composition comprising bulk catalyst particles comprising at least one Group VIII non-noble metal and at least two Group VIB metals, which process comprises combining and reacting at least one Group VIII non-noble metal component with at least two Group VIB metal components in the presence of a protic liquid, with at least one of the metal components remaining at least partly in the solid state during the entire process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/01/2002

(21) Application No.IN/PCT/2002/1/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A THERMOSETTING RESIN COMPOSITION SUITABLE FOR PRODUCING MOULDED ARTICLES

(51) International classification :C08L 01/00
(31) Priority Document No :2000-133788
(32) Priority Date :02/05/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/03771
Filing Date :01/05/2001
(87) International Publication No :WO/01/83620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHIMIZU, Koji

No of Pages : 37
No of Claims : 18

(57) Abstract :
This invention relates to a thennosetting resin composition suitable for producing moulded articles suitable for electric and electronic appliances, comprising (a) a thennosetting resin and (b) magnesium hydroxide particles, the magnesium hydroxide particles satisfying the following requirements (i) to (iv), (i) the average secondary particle diameter, measured by a laser diffraction scattering method, is 0.5 to 5 J.lm, .(ii) the BET specific surface area is 0.1 to 10 m2/g, (iii) the total content of Fe and Mn as metal is 0.02 % by weight or less, and (iv) the total content ofU and Th as metal is 10 ppb or less.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2002

(21) Application No.IN/PCT/2002/1040/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CHANNEL RESELECTION SIGNALLING METHOD

(51) International classification :H04Q 7/38
(31) Priority Document No :20000090
(32) Priority Date :17/01/2000
(33) Name of priority country :Finland
(86) International Application No :PCT/FI01/00038
Filing Date :17/01/2001
(87) International Publication No :WO/01/54442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SALONAHO, Oscar

No of Pages : 19
No of Claims : 27

(57) Abstract :
The invention relates to methods pertaining to cell reselection in a cellular telecommunication system. According to the invention, a connection setup rejection message is used to direct a mobile communication means to attempt a new connection with certain parameter values such as a certain carrier frequency. A plurality of parameter values may as well be indicated in the message, which allows the network to direct the mobile communication means to make a connection setup request to a specific cell, for example. The connection setup rejection message can be for example the CONNECTION SETUP REJECT message of the RRC protocol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2002
(21) Application No.IN/PCT/2002/105/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A LINEAR SUSPENSION ELEMENT FOR A MOVING ELEMENT

(51) International classification :H02K 33/00
(31) Priority Document No :09/591,480
(32) Priority Date :09/06/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/14754
Filing Date :08/05/2001
(87) International Publication No : WO/01/97365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 20

(57) Abstract :
A linear suspension element (22) having preloaded legs (38) that reduce fretting and maximize stroke within allowable stress limits. Also, a reciprocator (8) and suspension (23) including the linear suspension element.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2002

(21) Application No.IN/PCT/2002/108/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CEMENT SLURRY FOR CEMENTING AN OIL WELL OR THE LIKE

(51) International classification :C04B 28/02
(31) Priority Document No :99/09847
(32) Priority Date :29/07/1999
(33) Name of priority country :France
(86) International Application No :PCT/EP00/06459
Filing Date :06/07/2000
(87) International Publication No :WO/01/09056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GARNIER, Andre

No of Pages : 24
No of Claims : 13

(57) Abstract :
The present invention relates to a cement slurry for cementing an oil well or the like, the slurry having: a density lying in the range 0.9 g/cm3 to 1.3 g/cm3; being constituted by a solid fraction and a liquid fraction, having porosity (volume percentage of liquid) lying in the range 38% to 50%, a solid fraction comprising 60% to 90% (by volume) of lightweight particles having a mean size lying in the range 20 microns (1.1n1) to 350 1.1n1; and cement; characterized in that the solid fraction comprises 10% to 30% (by volume) of micro-cement having a mean particle diameter lying in the range 0'.5 I.1n1 to 5 1.1n1; 0 to 20% (by volume) of Portland cement, having particles with a mean diameter lying in the range 20 I.1n1 to 50 1.1n1; and 0 to 30% (by volume) of gypsum.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2002

(21) Application No.IN/PCT/2002/110/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUTURE SYSTEM

(51) International classification :A61B 17/06
(31) Priority Document No :09/360,709
(32) Priority Date :26/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/40449
Filing Date :21/07/2000
(87) International Publication No :WO/01/06935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATHERS, Thomas, P.

No of Pages : 17
No of Claims : 13

(57) Abstract :
A suture system includes a plurality of double-stranded needles connected in sequence with a single-stranded needle at each end. The double-stranded suture needles incorporates two suture strands into a single needle . The suture system of the present invention facilitates the implantation of valve prostheses.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.IN/PCT/2002/1172/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TRIANGULAR PYRAMIDAL CUBE CORNER RETROREFLECTION ELEMENTS

(51) International classification :G02B 5/124
(31) Priority Document No :2000-59575
(32) Priority Date :31/01/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP01/00333
Filing Date :19/01/2001
(87) International Publication No :WO/01/57560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 30
No of Claims : 11

(57) Abstract :
An assembly of a triangular pyramidal cube comer retroreflection element having a significantly excellent reflectivity at an incident angle of 300 or above, preferably 400 or above. The element is characterized in that if the height from bottom faces (Sx-Sx') including the bottom sides (x, x, ...) shared by two opposite triangular pyramidal retroreflection elements to the apexes (HI. H2) thereof is hx, the height from bottom faces (Sy-Sy') including other bottom sides (y, y, ...) of the triangular pyramidal retrorefle~tion elements to the apexes (HI, H2) thereof is hy, and the height from bottom faces (Sz-Sz') including further other bottom sides (z, z, ...) of the triangular pyramidal retroreflection elements to the apexes (HI, H2) thereof is hz, at least two of hx, hy, and hz are substantially different and a mirror reflective layer is provided on the surface of the triangular pyramidal retroreflection element.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2002

(21) Application No.IN/PCT/2002/1179/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS OF PREPARING AN ALKENYL-SUBSTITUTDED AROMATIC COMPOUND

(51) International classification :C07C 15/40
(31) Priority Document No :60/179,690
(32) Priority Date :02/02/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2001/002673
Filing Date :24/01/2001
(87) International Publication No :WO/2001/056960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CASTOR, William, M.
3)PIERCE, Richard, A.

No of Pages : 48
No of Claims : 63

(57) Abstract :
An integrated process of preparing a C2-5 alkenyl-substituted aromatic compound using a C6-12aromatic compound and a C2-5 alkane as raw materials. The process involves feeding a C2-5 alkane, for example ethane, and a C2-5 alkyl-substituted aromatic compound, for example ethylbenzene, to a dehydrogenation reactor for concurrent dehydrogenation to a C2-5 alkene, for example ethylene, and a C2-5 alkenyl-substituted aromatic compound, for example stryrene; separating the dehydrogenation effluent to recover a gaseous stream containing alkene, hydrogen, and alkane, and to recover the aromatics with high efficiency; feeding the gas stream and a C6-12 aromatic compound to an alkylation reactor to obtain the corresponding C2-5 alkyl-substituted aromatic compound, which is recycled to the dehydrogenation reactor; subjecting the alkylation unit vent stream containing alkane and hydrogen to a separation step to recover alkane, which is recycled to the dehydrogenation unit; hydrogen, which is recovered at 99 % chemical grade purity and energy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2002
(21) Application No.IN/PCT/2002/1187/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR PREPARING MELAMINE FROM UREA

(51) International classification :C07D 251/60
(31) Priority Document No :1014280
(32) Priority Date :03/02/2000
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2001/000047
Filing Date :24/01/2001
(87) International Publication No :WO/2001/057000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DE WIT, Nora, Anna

No of Pages : 9
No of Claims : 8

(57) Abstract :
The present invention relates to a process for preparing melamine from urea at elevated temperature and in the presence of a catalyst, in which a gaseous product stream is obtained which is contacted with a liquid coolant in a cooling zone, characterized in that the temperature in the scrubbing section is lowered by applying an extra cooling step.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2002
(21) Application No.IN/PCT/2002/122/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AUTOMATIC TIME- SETTING SYSTEM FOR A PORTABLE OBJECT HAVING AN HOROLOGICAL FUNCTION

(51) International classification :G04G 1/00
(31) Priority Document No :99115319.8
(32) Priority Date :03/08/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP1999/009218
Filing Date :26/11/1999
(87) International Publication No :WO/2001/009689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)FLEURY, Emmanuel
2)BLONDEAU, Fabien
3)BARRAS, David
4)MEISTER, Pierre-Andre

No of Pages : 12
No of Claims : 10

(57) Abstract :
The present invention concerns an automatic time-setting system for a portable object having an horological function. The present invention also concerns a portable object having an horological function capable of being automatically set to the right time, such as an electronic timepiece. According to the present invention, the portable object (100) includes means (11) for receiving an acoustic time-setting signal (50) and means (12. 13) for deriving time-setting indications (hot mo) from this acoustic time-setting signal (50) allowing said time indication of the portable object (100) to be corrected. According to the present invention, the portable object may advantageously be set to the right time via an acoustic time-setting signal (50) transmitted for example by the loud speaker of a personal computer, a television. a radio or a telephone receiver.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2002

(21) Application No.IN/PCT/2002/154/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD FOR PEPTIDE SYNTHESIS, A COMPOSITION OF PEPTIDE FRAGMENTS AND PEPTIDES MADE THEREBY

(51) International classification :C07K 1/00
(31) Priority Document No :09/349,205
(32) Priority Date :07/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/35725
Filing Date :05/07/2000
(87) International Publication No :WO/01/34635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BRAY, Brian
2)ANDERSEN, Marc
3)FRIEDRICH, Paul, E.
4)KANG, Myung-Chol

No of Pages : 38
No of Claims : 32

(57) Abstract :
The present invention relates to a method for synthesizing a peptides of peptides referred to as T-1249 and T-1249-like peptides. Such methods utilize solid and liquid phase synthesis procedures to synthesize and combine groups of specific peptide fragments to yield the peptide of interest. The present invention further relates to individual peptide fragments which act as intermediates in the synthesis of the peptides on interest (e.g., T-1249). The present invention still further relates to groups of such peptide intermediate fragments which can be utilized together to produce full-length T-1249 and T-1249-like peptides.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2002

(21) Application No.IN/PCT/2002/155/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ABRASIVE WHEEL ASSEMBLY

(51) International classification :B24D 5/16
(31) Priority Document No :09/364,235
(32) Priority Date :29/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB00/01021
Filing Date :24/07/2000
(87) International Publication No :WO/01/08849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MOTA, Jose, Roberto
2)ALBRECHT, Jean-Marie

No of Pages : 14
No of Claims : 11

(57) Abstract :
In a depressed-center abrasive wheel assembly (58) a reinforcement layer (14) of polygonal shape is located between a front face (20) of the abrasive wheel (10) and a front flange (50). The reinforcement layer (14) is dimensioned to entirely cover the depressed center portion (32) of the wheel (10). An example of polygonal reinforcement layer (14) has a hexagonal shape and is made of fiberglass cloth. A polygonal shape reinforcement layer (14) can also be employed between the front flange and the front face in an abrasive flat wheel assembly that employs a wheel without internal reinforcement.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2002
(21) Application No.IN/PCT/2002/168/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MIXTURE FOR THE TREATMENT OF WASTE MATERIALS

(51) International classification :A62D 3/00
(31) Priority Document No :199 36 324.2
(32) Priority Date :02/08/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP00/07486
Filing Date :02/08/2000
(87) International Publication No : WO/01/08753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SCHWETLICK, Wolfgang

No of Pages : 14
No of Claims : 21

(57) Abstract :
The invention relates to a mixture and a process for the treatment of waste materials and the use of the mixture for the treatment of waste materials and waste material treated therewith. The mixture comprises(A) at least one zinc salt of a saturated or unsaturated aliphatic or aromatic carboxylic acid,(8) at least one calcium salt of a saturated or unsaturated aliphatic or aromatic carboxylic acid,(C) at least one hydrophobing agent, (0) at least one amino alcohol and (E) NH3.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2002

(21) Application No.IN/PCT/2002/17/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR REGULATING, INDUCING OR ENHANCING CELL MIGRATION

(51) International classification :A61K 15/00
(31) Priority Document No :PA 199901023
(32) Priority Date :14/07/1999
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK00/00401
Filing Date :14/07/2000
(87) International Publication No :WO/01/05353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PETERSEN, Lars, Christian
3)SIEGBAHN, Agneta

No of Pages : 33
No of Claims : 2

(57) Abstract :
This invention relates to a phannaceutical composition for regulating, inducing or enhancing cell migration comprising atleast one compound selected from FVII, FVlla, FVllal, as herein described, a tissue factor agonist and a tissue factor antagonist in combination with atleast a soluble calcium salt, proteins, inert peptides, stabilizers like amino acids, non-reducing sugars, antioxidants and protease inhibitor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2002

(21) Application No.IN/PCT/2002/193/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : OFFSHORE LOADING SYSTEM BY SUSPENDED PIPING

(51) International classification :B67D 5/00
(31) Priority Document No :99/09092
(32) Priority Date :13/07/1999
(33) Name of priority country :France
(86) International Application No : PCT/FR00/01978
Filing Date :07/07/2000
(87) International Publication No : WO/01/04041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LE DEVEHAT, Renaud

No of Pages : 22
No of Claims : 15

(57) Abstract :
The present invention relates to a offshore loading system by suspended piping and concerns an assembly for translating fluid (13) between a fIrst site and a second site, comprising a winch (40) for the first site (10) whereon is wound a suspension cable (17) designed to be stretched between the two sites (10,11) and which is adapted to subject the cable to constant tension; a support (14) for the first site and for storing in suspension rigid pipe sections (15) mutually articulated via articulating sections (16) with rotary bends and joints, so as to shift from a storage position wherein the the pipe sections (15) are suspended accordion-like to the support (14) to a stretched position between the two sites (10,11) by being suspended to the cable; and means for coupling (22) some of the articulating sections (16) to the support (14) or to the cable (17) depending on the length of the cable stretched between the two sites (10,11).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2002
(21) Application No.IN/PCT/2002/204/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF ELASTIC AND STRETCHABLE BANDS

(51) International classification :D04H 3/07
(31) Priority Document No :199 30 917.5
(32) Priority Date :06/07/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/EP00/06311
Filing Date :05/07/2000
(87) International Publication No :WO/01/02636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DEVOS, Robert
3)SCHUSTER, Ingeborg

No of Pages : 12
No of Claims : 10

(57) Abstract :
Method for producing elastic tapes from a fabric web having at least partially synthetic fibers or filaments, especially a nonwoven fabric web, for use in the garment industry, one or a plurality of industrially produced webs (1, 2; 16) being laid on top of one another and at their open edges (3, 4; 5, 6; 18, 19) being joined to one another and a tube (11) being formed; and wall (21) of the tube (11) is cut open slantwise, so that a new, more elastic fabric web (22) is created, which is cut to tapes (25) in the longitudinal direction (26).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2002

(21) Application No.IN/PCT/2002/216/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF QUASI-CRYSTALLINE BOEHMITE

(51) International classification :C01F 7/34
(31) Priority Document No :09/372,553
(32) Priority Date :11/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP00/07790
Filing Date :11/08/2000
(87) International Publication No :WO/01/12553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STAMIRES, Dennis
2)O'CONNER, Paul
3)PEARSON, Gregory
4)JONES, William

No of Pages : 23
No of Claims : 7

(57) Abstract :
The present invention relates to a process for the preparation of quasi- crystalline boehmite wherein a quasi-cystalline boehmite precursor and an additive are combined and aged to form a quasi-crystalline boehmite containing an additive in a homogeneously dispersed state, the quasi-crystalline boehmite precursor being selected from the group consisting of gel alumina, aluminium trihydrate, thermally treated aluminium trihydrate not being flash calcined gibbsite, and mixtures thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2002
(21) Application No.IN/PCT/2002/217/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CRYSTALLINE Mg-Al-Si-CONTAINING CLAY-CONTAINING BODIES AND THE CRYSTALLINE BODY

(51) International classification :B01J 21/16
(31) Priority Document No :09/372,293
(32) Priority Date :11/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP00/07785
Filing Date :11/08/2000
(87) International Publication No :WO/01/12319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 22

(57) Abstract :
The present invention relates to a process for the preparation of crystalline Mg-AI-Si- containing clay-containing bodies and the crystalline body. The clay-containing bodies are obtained from sources comprising an aluminium source, a magnesium source, and, a silicon source, comprising the steps of: preparing a precursor mixture, shaping the precursor mixture to obtain shaped bodies, optionally thermally treating the shaped bodies, and d) aging to obtain crystalline Mg-AI-Si- containing clay-containing bodies.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2002

(21) Application No.IN/PCT/2002/254/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PREPARATION OF POLYAMIDES FROM DINITRILES AND DIAMINES

(51) International classification :C08G 69/28
(31) Priority Document No :199 35 398.0
(32) Priority Date :30/07/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/EP00/06566
Filing Date :11/07/2000
(87) International Publication No :WO/01/09224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LUYKEN, Hermann

No of Pages : 31
No of Claims : 21

(57) Abstract :
A method for producing polyamides from dinitriles and diamines by reacting at least one dinitrile and at least one diamine with water at a temperature of 90-400 Â°C, at a pressure of 0.1 - 50*106 Pa and with a mol ratio of water to the sum of dinitrile plus diamine of at least 1:1 in the presence of a heterogeneous catalyst selected from the group consisting of aluminium oxide, zinc oxide, silicon oxide, oxides of the second to seventh subgroup of the periodic table, lanthanoid and actinide oxides, phyllosilicates and zeoliths; The invention also relates to polyamides obtained according to said method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2002

(21) Application No.IN/PCT/2002/258/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A METHOD OF AUTOMATIC EXECUTION OF AN APPLICATION ON A RECEIVING STATION AND A RECEIVING STATION

(51) International classification :H04N5/44
(31) Priority Document No :00202141.8
(32) Priority Date :19/06/2000
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP01/06449
Filing Date :07/06/2001
(87) International Publication No :WO/01/99415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WIJMA, Abel, K.

No of Pages : 19
No of Claims : 8

(57) Abstract :
The invention relates to a method of automatic execution of an application on a receiving station, comprising receiving a signal comprising a plurality of streams, each stream being associated with a channel on the receiving station and comprising a content portion and zero or more application portions, receiving a channel selection from a user, displaying the content portion of the stream associated with the selected channel, and when execution of applications is enabled, executing an application present in the application portion, if any, of the stream associated with the selected channel, characterized in that execution of applications is disabled in response to a user selecting a channel, and execution of applications is enabled in response to the occurrence of an enabling event, indicating that the user is actively viewing the selected channel. The invention also relates to a receiving station.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2002
(21) Application No.IN/PCT/2002/271/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR THE CIS-SELECTIVE CATALYTIC HYDROGENATION OF CYCLOHEXYLIDENAMINES

(51) International classification :C07C 209/26
(31) Priority Document No :1399/99
(32) Priority Date :29/07/1999
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2000/006932
Filing Date :20/07/2000
(87) International Publication No :WO/2001/009080
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)THOMMEN, Marc
3)JALETT, Hans-Peter
4)BENZ, Markus

No of Pages : 18
No of Claims : 10

(57) Abstract :
A Process for cis-selective catalytic hydrogenation of cyclohexylidenamines The invention relates to a process for the cis-selective preparation of cyclic amines of the sertralin type by reductive alkylation of cyclic imines or their precursors and catalytic hydrogenation in the presence of copper containing catalysts and in the presence of a protic solvent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2002

(21) Application No.IN/PCT/2002/29/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF A MEDICAMENT FOR TREATMENT OF NEUROTIC DISORDERS

(51) International classification :A61K 31/343
(31) Priority Document No :PA 1999 00991
(32) Priority Date :08/07/1999
(33) Name of priority country :Denmark
(86) International Application No : PCT/DK00/00377
Filing Date :07/07/2000
(87) International Publication No :WO/01/03694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SANCHEZ, Connie
2)HOGG, Sandra

No of Pages : 11
No of Claims : 3

(57) Abstract :
The present invention relates to a process for preparation of a medicament for treating neurotic disorders comprising the step mixing the active ingredient escitalopram or a pharmaceutically acceptable salt thereof or an anhydrate or hydrate of such salts, as a base with adjuvants and/or diluents and subsequently compressing the mixture in a tab letting machine

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2002

(21) Application No.IN/PCT/2002/301/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR REMOTE ACTIVATION OF WIRELESS DEVICE FEATURES USING SHORT MESSAGE SERVICES (SMS)

(51) International classification :H04Q 7/32
(31) Priority Document No :09/387,615
(32) Priority Date :31/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/23942
Filing Date :30/08/2000
(87) International Publication No :WO/01/17297
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LEKVEN, Eric, J.

No of Pages : 19
No of Claims : 4

(57) Abstract :
Features may be added to the handset of a mobile telephone by sending an SMS message to the handset. If the first characters of the message indicate a control message (104), the SMS message activates the feature (150). If not, it is treated as a normal SMS message (106). The control message is disregarded if the handset model ID is incorrect (108), lacks the minimum software (120), or is not the exact software if exact software is required (140).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2002

(21) Application No.IN/PCT/2002/357/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COLD-STORAGE APPLIANCE

(51) International classification	:F25D 15/00	(71)**Name of Applicant :**
(31) Priority Document No	:9921564.2	**1)APPLIED DESIGN AND ENGINEERING LIMITED**
(32) Priority Date	:13/09/1999	Address of Applicant :5 Tower Road, Lowestoft, Suffolk NR33 7NG U.K.
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB00/03521	(72)**Name of Inventor :**
Filing Date	:13/09/2000	**1)WOOD, Ian, David**
(87) International Publication No	:WO/01/20237	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 45
No of Claims : 82

(57) Abstract :
A cold-storage appliance comprises an open-topped insulating container defining an external surface, an insulating lid adapted to close the open top of the container, a cooling means adapted to cool the interior but not the exterior of the container , and a structure supporting the container , the lid and the cooling means . In accordance with the invention, the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container , and at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid .

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2002
(21) Application No.IN/PCT/2002/399/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LIQUID FLUORESCENT WHITENING AGENT FORMULATION

(51) International classification :C11D 3/42
(31) Priority Document No :99810734.6
(32) Priority Date :16/08/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/07700
Filing Date :08/08/2000
(87) International Publication No :WO/01/12771
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DBALY, Helena
3)ZELGER, Josef

No of Pages : 10
No of Claims : 11

(57) Abstract :
A liquid fluorescent whitening agent formulation comprising: 10 to 20 % of a compound of formula in which R1 represents hydrogen, 1-5 C-alkyl, 1-5 C-alkoxy or halogen, M represents hydrogen, an alkaline- or alkaline earth-metal, or ammonium; 20 to 50 % of a non-ionic surfactant; 20 to 40 % of a polyhydroxy compound; 0 to 20 % of a glycol compound and 1 to 50 % water and use thereof for improving the whiteness aspect of detergents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2002
(21) Application No.IN/PCT/2002/433/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ISOLATED NUCLEIC ACID SEQUENCE COMPRISING A POLYNUCLEOTIDE ENCODING A PLANT STEROL: CHOLESTEROL ACYLTRANSFERASE-LIKE POLYPEPTIDE

(51) International classification :C12N 15/00
(31) Priority Document No :60/152,493
(32) Priority Date :30/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/23863
Filing Date :30/08/2000
(87) International Publication No :WO/01/16308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VAN EENENNAAM, Alison

No of Pages : 105
No of Claims : 15

(57) Abstract :
The present invention is directed to lecithin: cholesterol acyltransferase-like polypeptides (LCAT) and acyl CoA: cholesterol acyltransferases-like polypeptides (ACAT). The invention provides polynucleotides encoding such cholesterol: acyltransferases-like polypeptides, polypeptides encoded by such polynucleotides, and the use of such polynucleotides to alter sterol composition and oil production in plants and host cells. Also provided are oils produced by the plants and host cells containing the polynucleotides and food products, nutritional supplements, and pharmaceutical composition containing plants or oils of the present invention. The polynucleotides of the present invention include those derived from plant sources.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2002

(21) Application No.IN/PCT/2002/44/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR RECORDING AN INFORMATION SIGNAL ON AN INFORMATION LAYER OF A RECORDING MEDIUM

(51) International classification	:G11B 7/00
(31) Priority Document No	:00201653.3
(32) Priority Date	:09/05/2000
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP01/04457
Filing Date	:19/04/2001
(87) International Publication No	:WO/01/86642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 12
No of Claims : 11

(57) Abstract :
The present invention relates to a method of recording an information signal on an information layer of a recording medium at a recording speed, by irradiating the information layer by means of a radiation beam, said information layer having a phase reversibly changeable between a first state and a second state, which method comprises: a write step for applying the radiation beam, in response to the information signal, to a first area of the information layer to cause the first area of the information layer to assume the first state, thereby forming a mark, and an erase step for applying a pulsed radiation beam to a second area of the information layer to assume the second state, the pulsed radiation beam comprising erase pulses having an erase power(Pe) and a bias power level (Pb) between the erase pulses, characterized in that the bias power level (Pb) depends on the recording speed. The invention also relates to a recording device for the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2002
(21) Application No.IN/PCT/2002/458/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MIXTURES OF FLUORESCENT WHITENING AGENTS

(51) International classification :D06L 3/12
(31) Priority Document No :99810799.9
(32) Priority Date :06/09/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/08403
Filing Date :29/08/2000
(87) International Publication No :WO/01/18301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAUTER, Hanspeter
3)KRAMER, Hans
4)SCHREIBER, Werner

No of Pages : 12
No of Claims : 7

(57) Abstract :
The present invention relates to a mixture of fluorescent whitening agents comprising 55 to 75% by weight of a compound of formula (1), 30 to 45% of a compound of formula (2) and 0.5 to 3% of a compound of formula (3), compositions containing the mixture and the use of the compositions for whitening synthetic fibres, in particular, polyester.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2002

(21) Application No.IN/PCT/2002/464/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A LIGHTER

(51) International classification :F23D 11/36
(31) Priority Document No :09/393,653
(32) Priority Date :10/09/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/24550
Filing Date :07/09/2000
(87) International Publication No :WO/01/18450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TUBBY, Brian
3)ORAZIETTI, Richard, M.

No of Pages : 22
No of Claims : 13

(57) Abstract :
A lighter comprising a housing having a nozzle with an outlet, said housing .comprising a fuel supply in communication with a valve adapted for selective release of fuel to the nozzle outlet; a valve actuator engaging the valve to release fuel, characterized in that said valve actuator comprises a release portion actuatable by a user to act on one end of the valve actuator to engage the valve to release fuel; a trigger actuatable by the user, said trigger extending from the housing and operatively connected to an ignitor to actuate said ignitor to produce a spark to ignite the released fuel; and a catch member disposed to the lighter housing and sized to arrest the movement of the valve actuator when the trigger is actuated before actuating the release portion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2002

(21) Application No.IN/PCT/2002/465/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN ELECTRICALLY NEUTRAL COMPOSITION IN THE FROM OF WATER-IN-OIL OR OIL-IN-WATER EMULSION

(51) International classification :C09K 3/30
(31) Priority Document No :9921037.9
(32) Priority Date :07/09/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB00/03426
Filing Date :05/09/2000
(87) International Publication No :WO/01/18145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HARRISON, Neale
3)MORGAN, John, Douglas
4)CLINT, John, Howard
5)ABELA, Mario

No of Pages : 46
No of Claims : 17

(57) Abstract :
An electrically neutral composition in the form of a water-in-oil or an oil-in-water emulsion is imparted with a unipolar electrostatic charge on spraying from an aerosol spray device by incorporating into the composition at least one polar or ionic or aromatic or linearly conjugated compound. The amount of the polar or ionic or aromatic or linearly conjugated compound included in the composition is from 0.01 to 80% w/w based on a non-ionic surfactant also included in the composition, but is such that the theoretical conductivity of the emulsion is less than the bulk conductivity of the emulsion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2002
(21) Application No.IN/PCT/2002/475/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A TRANSPORTABLE MARINE CURRENT POWER INSTALLATION

(51) International classification :F03B 13/10
(31) Priority Document No :199 48 198.9
(32) Priority Date :06/10/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/EP00/07665
Filing Date :08/08/2000
(87) International Publication No :WO/01/25627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 8
No of Claims : 5

(57) Abstract :
The present invention relates to a transportable marine current power installation unit comprising: a housing; a generator within the housing, the generator including a generator rotor and a generator stator, wherein the generator is driven by means of a rotor which is connected to the generator rotor and has a rotational axis, wherein the rotor of the power installation has at least one rotor blade which carries the generator rotor and has at least one cavity which can be flooded selectively with water, and wherein the power installation is arranged in an extensive marine current with the rotational axis of the rotor being substantially parallel to the marine current.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2002
(21) Application No.IN/PCT/2002/484/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESSED LINSEED OIL AND A PROCESS FOR THE MANUFACTURE OF THE SAME

(51) International classification :C11B 3/02
(31) Priority Document No :9903621-2
(32) Priority Date :07/10/1999
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE00/01862
Filing Date :26/09/2000
(87) International Publication No :WO/01/25376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SELDER, MIKKEL

No of Pages : 12
No of Claims : 12

(57) Abstract :
A processed linseed oil essentially consisting of linolenic, linolic and oleic acids, mainly in the form of triglycerides, characterized in that content of free tocoferol is less than about 75 ppm.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2002
(21) Application No.IN/PCT/2002/525/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A MODIFIED CARBON PRODUCT

(51) International classification :H01M 4/96
(31) Priority Document No :09/416,088
(32) Priority Date :12/10/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/28008
Filing Date :10/10/2000
(87) International Publication No :WO/01/28015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YU, Yuan

No of Pages : 26
No of Claims : 19

(57) Abstract :
The present invention relates to modified carbon product comprising a carbon product attached at least one hydrophobic organic group and at least one hydrophilic group.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2002

(21) Application No.IN/PCT/2002/543/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FILTER ARRANGEMENT FOR THE SEPARATION OF BLOOD INTO PLASMA AND CELLULAR COMPONENTS AND DEVICE FOR APPLICATION THEREOF ON THE DONOR

(51) International classification :A61M 1/02
(31) Priority Document No :200 14 311.5
(32) Priority Date :15/08/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/DE01/01936
Filing Date :23/05/2001
(87) International Publication No :WO/02/13888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 33
No of Claims : 26

(57) Abstract :
The invention relates to a filter arrangement for the separation of blood into plasma and cellular components, comprising at least one filter element with an inlet and an outlet chamber in a closed housing , separated by a fine pore membrane. The inlet chamber is connected to an inlet line for donor blood and an outlet line for cellular components and the outlet chamber is connected to an outlet line for plasma. The arrangement further comprises a device for the production of a back-pressure in the filter element, whereby the fine pore membrane is in the form of a U-shaped bundle of n= 650 hollow fibres of the type Micro PES-TF 10 from Akzo Faser AG, the ends of which are fixed in an air-tight and germ-tight manner to an aperture plate which seals the open end region of the housing , which is open at just one end, in an air-tight and germ-tight manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2002

(21) Application No.IN/PCT/2002/568/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NON-CHROMATED OXIDE COATING FOR ALUMINUM SUBSTRATES AND A COMPOSITION THEREFOR

(51) International classification	:C23C 22/66
(31) Priority Document No	:60/163,103
(32) Priority Date	:02/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/30056
Filing Date	:31/10/2000
(87) International Publication No	:WO/01/32954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 21
No of Claims : 13

(57) Abstract :
This invention relates to a process for fomling an oxide film cobalt conversion coating exhibiting corrosion resistance and paint adhesion properties on a substrate, where said substrate is aluminum or aluminum alloy, said process comprising the steps of: (a) providing an oxide film fomling cobalt conversion solution comprising an aqueous reaction solution, containing no triethanolamine (TEA), prepared by reacting the following starting materials: (1) a water soluble cobalt-II salt CoX2 where X=Cl, Br, N03, CN, 8CN, 1/3P04, 1/2804, 1/2C03, fomlate, or acetate; (2) a water soluble complexing agent selected from the group consisting of MeN02, MeAc, MeFm, NH4Ac, and NH4Fm, NH4X, where Me is Na, K, or Li; Ac is acetate; and Fm is fomlate; X is Cl, Br, N02, CN, 8CN, 1/3P04, 1/2804, 1/2C03 and optionally ammonium hydroxide; (3) an accelerator selected from the group consisting of NaCI03, NaBr03, and NaJ03; and (4) water; and (b) contacting said substrate with said aqueous reaction solution to oxidize the surface of said substrate, whereby said oxide film cobalt conversion coating is fomled, thereby imparting corrosion resistance and paint adhesion properties to said substrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2002

(21) Application No.IN/PCT/2002/601/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STRIP-CASTING MACHINE FOR PRODUCING A METAL STRIP

(51) International classification :B22D 11/06
(31) Priority Document No :SW 1750/99
(32) Priority Date :24/09/1999
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP00/09161
Filing Date :19/09/2000
(87) International Publication No :WO/01/23122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BARBE, Jacques

No of Pages : 13
No of Claims : 8

(57) Abstract :
Strip-casting machine for producing a metal strip, with two casting rolls (22, 24), which are arranged adjacent to one another to form a casting gap and with lateral sealing elements (25), which have at either end of the casting rolls (22, 24) a respective sealing plate (61), said sealing plate (61) is pressable at the end surfaces (22', 24') against the casting rolls (22, 24) in such a manner that in the heated operating state a ve~ precise contact with the end surfaces of the casting rolls is made, said sealing plate (61) placeable or pressable against the casting rolls (22, 24) is mounted to be floating in a three-dimensional movement direction at pistons, characterised in that a support frame (64, 65) receiving the sealing plate (61) is mounted by way of articulated connections (66, 67) on a butt plate (80), which is held in floating manner by the carrier element (41, 41 '), the carrier frame (64, 65) is pressed permanently against the pistons (72) by way of an elastic connection (68) between the frame and the butt plate (80).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2002

(21) Application No.IN/PCT/2002/615/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HEEL LINING FOR THE SHOE INDUSTRY

(51) International classification :A43B 23/16
(31) Priority Document No :19947870.8
(32) Priority Date :05/10/1999
(33) Name of priority country :Germany
(86) International Application No :PCT/EP00/08547
Filing Date :01/09/2000
(87) International Publication No :WO/01/25529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GROTEN, Robert

No of Pages : 13
No of Claims : 18

(57) Abstract :
The invention relates to a heel lining for use in the shoe industry comprising a polymer impregnated non-woven having a surface area weight of 180 to 350 g/m?2Â¿ and a tear strength of > 15 N in a longitudinal and a perpendicular direction. The non-woven consists of melt spun, aerodynamically stretched multi-component endless filaments which are arranged directly to form a non-woven. Said non-woven has a titer of < 2 dtex. The multi-component endless filaments are split and hardened when said filaments have attained a pre-defined strength of 90 % of the supermicro-endless filaments, i.e. a titer of < 0.2 dtex and consolidared.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2002
(21) Application No.IN/PCT/2002/644/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A STRUCTURAL LAMINATE MEMBER AND A METHOD OF MAKING THE SAME

(51) International classification :B32B 15/06
(31) Priority Document No :9926333.7
(32) Priority Date :05/11/1999
(33) Name of priority country :U.K.
(86) International Application No : PCT/GB00/04198
Filing Date :02/11/2000
(87) International Publication No :WO/01/32414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KENNEDY, Stephen J.

No of Pages : 17
No of Claims : 37

(57) Abstract :
A structural laminate member comprising: a first metal layer having a first inner surface an(a first outer surface; a second metal layer having a second inner surface and a second outel surface, the second metal layer being spaced apart from said first metal layer; a form locate(between said first and second inner surfaces; and an intermediate layer comprised of at elastomer located in the spaces between said first and second inner surfaces not occupied b) said form and adhered to said first and second inner surfaces. The present invention als(relates to a method of making a structural laminate member.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2002
(21) Application No.IN/PCT/2002/645/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A ROLL BODY FOR A CONTINUOUS CASTING OF METAL STRIPS

(51) International classification :B22D 11/06
(31) Priority Document No :99/12655
(32) Priority Date :06/10/1999
(33) Name of priority country :France
(86) International Application No :PCT/FR00/02755
Filing Date :04/10/2000
(87) International Publication No :WO/01/24958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 15

(57) Abstract :
A roll body for a continuous casting machineable, in its central part the called rolling zone, to carry a cylindrical shell and comprising a cooling circuit, said circuit comprising at least one cooling liquid supply conduit, at least one cooling liquid evacuation conduit, at least one distribution collector, at least one evacuation collector, at least one distribution pipe connecting each collector to the corresponding conduit, and a plurality of ring channels connecting the supply and evacuation collectors, said collectors and ring channels being used to place the cooling liquid circulating in said circuit in contact with the inner surface of the shell such as to cool the shell, said body being characterized in that the collectors are arranged such as to produce both in the peripheral direction and in the longitudinal direction an alternation of distribution collectors and evacuation collectors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2002
(21) Application No.IN/PCT/2002/655/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FLOOR SWEEPING APPARATUS

(51) International classification :A47L 9/04
(31) Priority Document No :9926008.5
(32) Priority Date :04/11/1999
(33) Name of priority country :U.K.
(86) International Application No : PCT/GB2000/004244
Filing Date :03/11/2000
(87) International Publication No :WO/2001/032065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SENTANCE, Graham, Robert

No of Pages : 13
No of Claims : 12

(57) Abstract :
A floor sweeping apparatus of the type having a rotary brush member, which in use is driven to rotate about a generally horizontal axis, the brush member having bristle elements that, as the member rotates, extend during part of their range of movement through an aperture in a base plate of a housing in which the rotary brush member is rotatably journalled, wherein there is at least one bristle element, hereinafter called an end-most bristle element, arranged immediately adjacent to each end of said brush member, and characterised in that a deflector member is provided at each end of the aperture to co-operate with said end-most bristle element at the respective end of the brush member and deflect said end-most bristle element axially outwardly as said end- most bristle element extends through the aperture during the rotation of the brush member.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2002
(21) Application No.IN/PCT/2002/693/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AN EMULSION POLYMERIZATION PROCESS USING A REACTOR AND A REACTOR

(51) International classification :B01J 19/18
(31) Priority Document No :99309005.9
(32) Priority Date :11/11/1999
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP00/09909
Filing Date :06/10/2000
(87) International Publication No :WO/01/34293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 20
No of Claims : 7

(57) Abstract :
The present invention to an emulsion polymerization process using a reactor having: one or more circulation loops with one or more inlets for raw material, one or more inlets for a carrier liquid in which the polymer to be formed is insoluble, and one or more outlets for polymer emulsion; one or more driving means for continuously circulating the reactor charge within the circulation loop . The process comprises the following steps: charging the reactor with raw material, including monomers, and with the carrier liquid, including stabilizers, and optionally other additives; then continuously feeding the loop reactor with the raw material and with the carrier liquid; and continuously withdrawing part of the reactor charge from the reactor at a rate equal to the rate of total raw material and carrier liquid feeding,characterized in that the carrier liquid consists wholly or partially of washings comprising polymer particles, obtained from cleaning one or more parts of the same or a different polymerization reactor or associated equipment. The invention also relates to a reactor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2002

(21) Application No.IN/PCT/2002/70/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD FOR MAKING MICROABRASIVE TOOLS

(51) International classification :B24D 3/00
(31) Priority Document No :09/363,581
(32) Priority Date :29/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/13627
Filing Date :17/05/2000
(87) International Publication No :WO/01/08848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MANWILLER, Kenneth, E.
2)HARDY, Anne, B.

No of Pages : 19
No of Claims : 25

(57) Abstract :
The present invention relates to a method for making a microabrasive tool, comprising the steps of: casting a slurry comprising a liquid, abrasive grains, a glass bond mixture, a polymer and at least one ionic cross-linking agent into a mold to form a structure of a green cast article; ionically cross-linking the polymer within the mold, wherein the ionically cross- linked polymer fixes the structure of the green cast article; and c) fIring the green cast article to yield the microabrasive tool.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2002
(21) Application No.IN/PCT/2002/801/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING AROMATIC COMPOUNDS,INCLUDING CATALYST REDUCTION

(51) International classification :C10G 35/12
(31) Priority Document No :99/15228
(32) Priority Date :30/11/1999
(33) Name of priority country :France
(86) International Application No :PCT/FR2000/003316
Filing Date :28/11/2000
(87) International Publication No :WO/2001/040407
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CLAUSE, Olivier
3)DEVES, Jean-Marie
4)SANCHEZ, Eric
5)HOFFMANN, FrÃ©dÃ©ric

No of Pages : 20
No of Claims : 14

(57) Abstract :
The invention concerns a method for producing aromatic compounds from a hydrocarbon cut using a catalyst which preferably circulates in mobile bed, said method comprising at least the following successive steps carried out at least in a zone: treating the cut in the presence of hydrogen and performing at least a dehydrogenation reaction of naphthenes; separating the gas effluent containing hydrogen, from the liquid product and from the catalyst; regenerating the catalyst, reducing the catalyst and re-introducing the catalyst in the treating step; recycling in the treating step part at least of the gas effluent containing hydrogen called recycling gas; method wherein the reduction step is carried out in the presence of the recycling gas introduced in an amount such that the amount of input pure hydrogen ranges between 1-10 kg/kg of the catalyst, the effluent derived from the reduction being then separated from the catalyst bed. The invention also concerns the associated device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2002

(21) Application No.IN/PCT/2002/835/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELECTROCHEMICAL TEST STRIP FOR USE IN ANALYTE DETERMINATION

(51) International classification	:C12Q 1/00
(31) Priority Document No	:09/497,269
(32) Priority Date	:02/02/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2001/002510
Filing Date	:25/01/2001
(87) International Publication No	:WO/2001/057238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 21
No of Claims : 13

(57) Abstract :
An electrochemical test strip comprising; a) a reaction zone defined by opposing working and reference electrodes separated by a spacer layer, wherein said reference electrodes has a surface modified with a homogenous surface modification layer made up of self assembling molecules having a first sulfhydryl end group and a second sulfonate end group, wherein said sulfhydryl and suifonate end groups are separated by a lower alkyl linker group wherein all the selfassembling molecules are identical; and b) said working electrodes has a surface with a redcvc reagent system present comprises at least one enzyme and a mediator.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2002
(21) Application No.IN/PCT/2002/857/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A LIGNOCELLULOSE-BASED PRODUCT, AND THE PRODUCT OBTAINED BY THE PROCESS

(51) International classification :D21C 9/00
(31) Priority Document No :60/164, 140
(32) Priority Date :08/11/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2000/000665
Filing Date :19/10/2000
(87) International Publication No :WO 01/34902
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHOSEYOV, Oded

No of Pages : 46
No of Claims : 28

(57) Abstract :
The invention relates to a process for the manufacture of a lignocellulose product, the process comprising the step of mixing in a reaction medium (i) a phenolic polymer being substituted with a phenolic hydroxy group; (ii) a lignocellulose containing material having immobilized to a cellulosic fraction thereof a fusion polypeptide, the fusion polypeptide including an enzyme being capable of catalyzing the oxidation of phenolic groups and a cellulose binding peptide; and (iii) an oxidizing agent. A composition of matter for use in the process and a lignocellulose product obtainable by the process are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2002

(21) Application No.IN/PCT/2002/859/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PLASMA ARC TORCH

(51) International classification :B23 K 9/00
(31) Priority Document No :09/457,944
(32) Priority Date :09/12/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/032930
Filing Date :05/12/2000
(87) International Publication No :WO/2001/041964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)SMALL, David, A.;
4)HEWES, Gene, V.;

No of Pages : 23
No of Claims : 23

(57) Abstract :
A plasma arc torch has a cathode and electrode having connecting ends configured for a coaxial telescoping connection with one another on a central longitudinal axis of the torch. The connecting ends have interengageable detents thereon, with at least one of the detents being movable in a generally radial direction relative to the central longitudinal axis of the torch between an undeflected state and a deflected state. The at least one detent is movable from the undeflected state to the deflected state when the cathode and electrode are telescoped one into the other, and is movable from the deflected state back toward the undeflected state when the cathode and electrode are further telescoped to a point where the detents on the cathode and electrode are generally axially aligned. In this position, the at least one detent is engageable with the other detent to interconnect the cathode and electrode and inhibit axial movement of the electrode away from the cathode.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2002

(21) Application No.IN/PCT/2002/945/CHE A
(43) Publication Date : 27/04/2007

(54) Title of the invention : NEW PROCESS FOR PRE-TREATING CELLULOSIC FIBERS AND CELLULOSIC FIBER BLENDS

(51) International classification :D06L 3/02
(31) Priority Document No :60/286,986
(32) Priority Date :21/12/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2000/001937
Filing Date :20/12/2000
(87) International Publication No :WO/2001/046518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRIGAT, Michael

No of Pages : 19
No of Claims : 14

(57) Abstract :
A process and formulation for pre-treating a cellulosic, or cellulosic blend with synthetic fiber, substrate, achieving sufficient clearness and appropriate absorbency prior to dyeing the substrate. The process having the steps of: providing a vessel; providing a cellulosic, or their blends with synthetic fiber, substrate; providing a water bath; adding an active amount of an activating compound selected from the group of: salts of organic acids, organic amine derivatives, transitional metals salts and complexes, pigments, and combinations thereof; adding an active amount of caustic soda; adding an active amount of hydrogen peroxide; achieving a pH from about 6.0 to about 9.0 at the end of the bleaching cycle; heating the water bath to a temperature in excess of 50 degrees centigrade for a pre-determined period of time; and dropping the bath.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2006

(21) Application No.1101/KOLNP/2006 A

(43) Publication Date : 27/04/2007

(54) Title of the invention : REACTOR AND METHOD FOR ANAEROBIC WASTEWATER TREATMENT

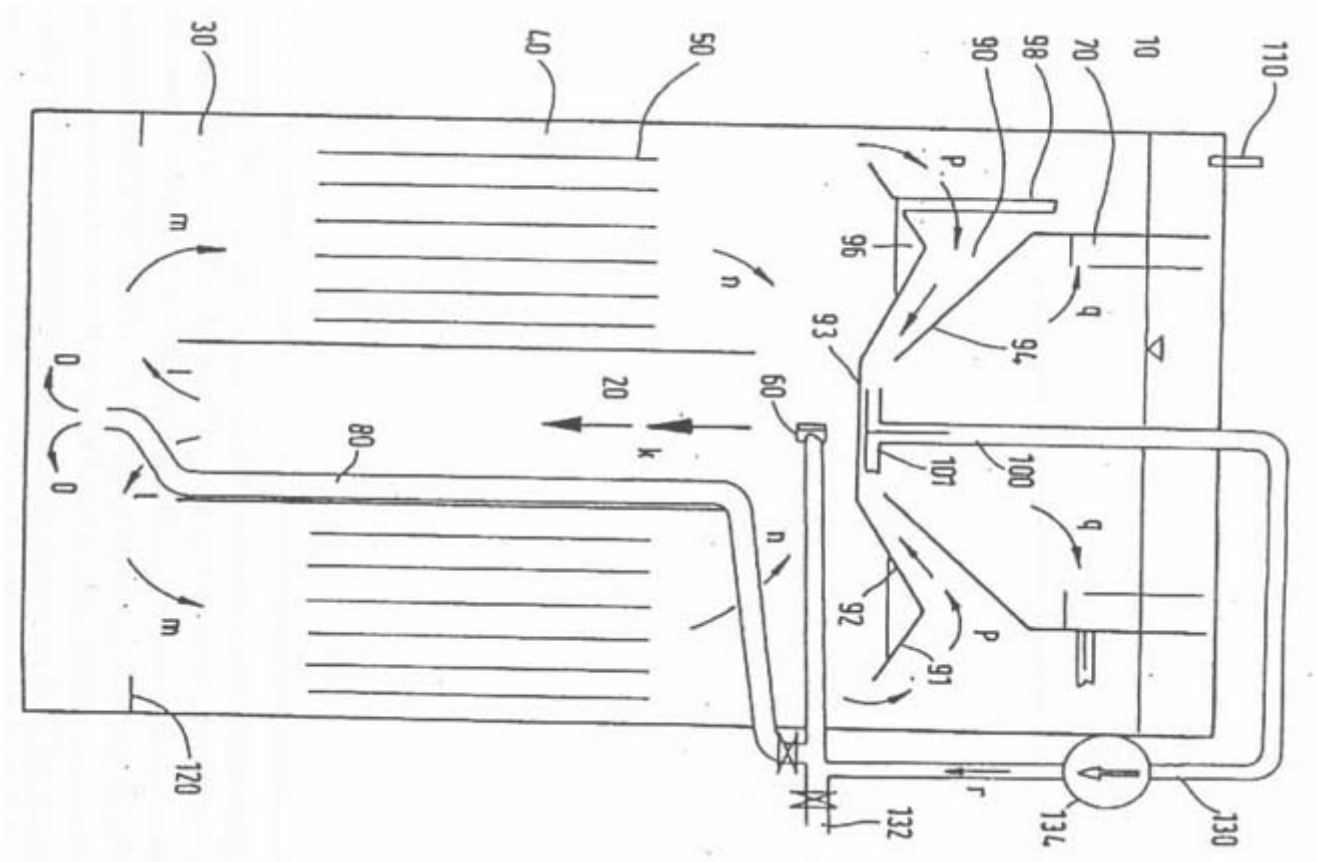
(51) International classification :C02F3/28; C02F3/28
(31) Priority Document No :103 50 502.4
(32) Priority Date :29/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/012299
Filing Date :29/10/2004
(87) International Publication No :WO 2005/042418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HERDING, URS
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5)PRECHTL, STEPHAN
6)SCOLZ, RAINER
7)SCHNEIDER, RALF
8)WINTER, JOHANN
9)JUNG, ROLF

No of Pages : 20

No of Claims : 23

(57) Abstract :
A reactor (10) for anaerobic waste water treatment is designed as a loop-type column reactor comprising a central flow channel (20). In the annular space (40) between the central flow channel (20) and the reactor wall, there are positioned carrier elements (50) for immobilizing microorganisms, with flow passages being provided between adjacent carrier elements (50). The lower portion of the reactor (30), below the carrier elements, is designed as a space intended to receive waste water having microorganisms floating therein during operation of the reactor (10). During operation, there are provided both floating microorganisms and microorganisms that are immobilized on the carrier elements. The waste water to be treated flows centrally downward and up again along the carrier elements (40), with the flow being generated in part by the gas development of the microorganisms. The reactor is used to carry out a process for anaerobic waste water treatment, the reactor being suited for waste water treatment in the food processing industry and the feeding stuff industry as well as in the paper industry and the textile industry. Fig. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2006

(21) Application No.1102/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HUMAN HINGE CORE MIMETIBODIES, COMPOSITIONS, METHODS AND USES

(51) International classification :C07D 235/18
(31) Priority Document No :60/507,231
(32) Priority Date :30/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/031858
Filing Date :29/09/2004
(87) International Publication No :WO 2005/081687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)CHICHI HUANG

No of Pages : 168
No of Claims : 24

(57) Abstract :
The present invention relates to at least one novel human hinge core mimetibody or specified portion or variant, inciuding isolated nucleic acids that encode at least one hinge core mimetibody or specified portion or variant, hinge core mimetibody or specified portion or variants, vectors, host cells, transgenic animals or plants, and methods of making and using thereof, including therapeutic compositions, methods and devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2006

(21) Application No.1103/KOLNP/2006 A
(43) Publication Date : 27/04/2007

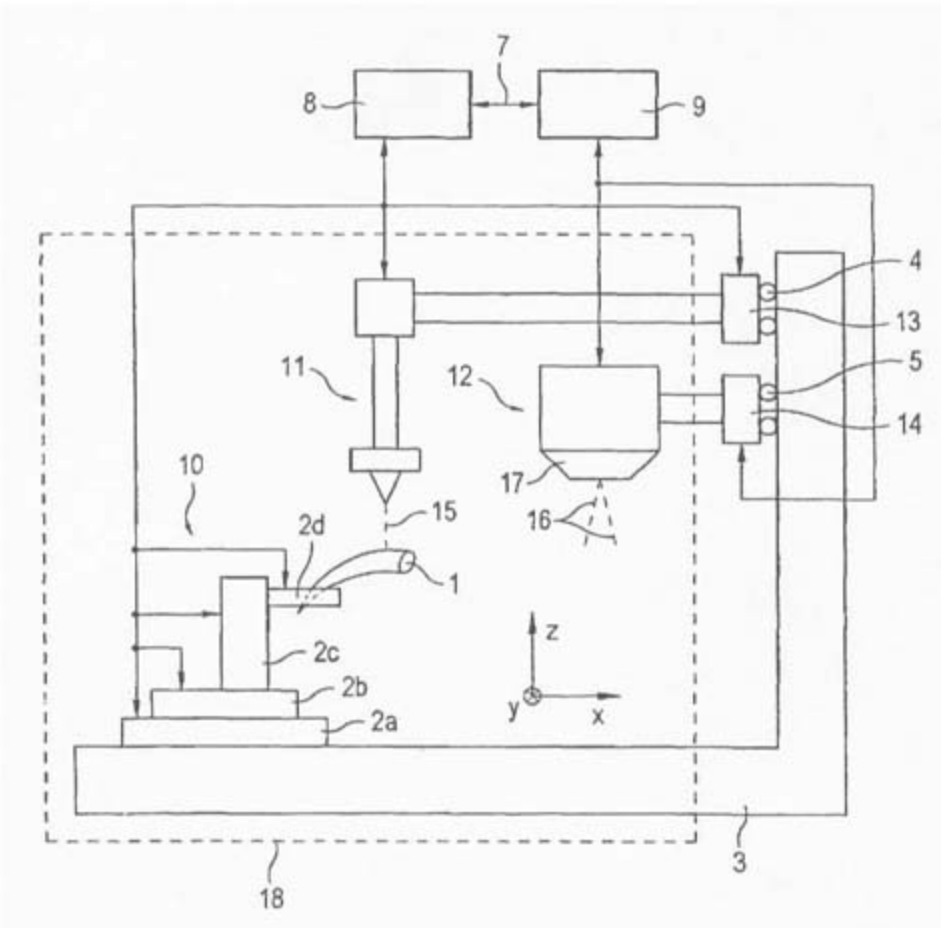
(54) Title of the invention : LASER MACHINING APPARATUS AND LASER MACHINING METHOD

(51) International classification	:B23K26/38; B23K26/08
(31) Priority Document No	:103 52 402.9
(32) Priority Date	:10/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/012723
Filing Date	:10/11/2004
(87) International Publication No	:WO 2005/044505
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)HILDEBRAND, PETER
3)KUHL, MICHAEL
4)REISACHER, MARTIN

No of Pages : 19
No of Claims : 18

(57) Abstract :
Disclosed is a laser machining apparatus comprising a workpiece fixture (10) for fastening a workpiece (1), a first laser removing device (11) for machining a workpiece using first operating parameters, and a second laser removing device (12) which can machine a workpiece using second operating parameters that are different from the first operating parameters, especially regarding the quality and quantity. (Fig. 1)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2006
(21) Application No.1104/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : BENZOIMIDAZOLE COMPOUNDS

(51) International classification :C07D 235/18
(31) Priority Document No :60/507,236
(32) Priority Date :30/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/031855
Filing Date :29/09/2004
(87) International Publication No :WO 2005/044807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KHATUYA, HARIPADA
7)KINDRACHUK, DAVID E.
8)LEE, ALICE
9)VENABLE, JENNIFER D.

No of Pages : 184
No of Claims : 137

(57) Abstract :
Benzoimidazole compounds, compositions, and methods of using them in leukocyte recruitment inhibition, in modulating H4 receptor, and in treating conditions such as inflammation, H4 receptor-medidated conditions, and related conditions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2006
(21) Application No.1105/KOLNP/2006 A
(43) Publication Date : 27/04/2007

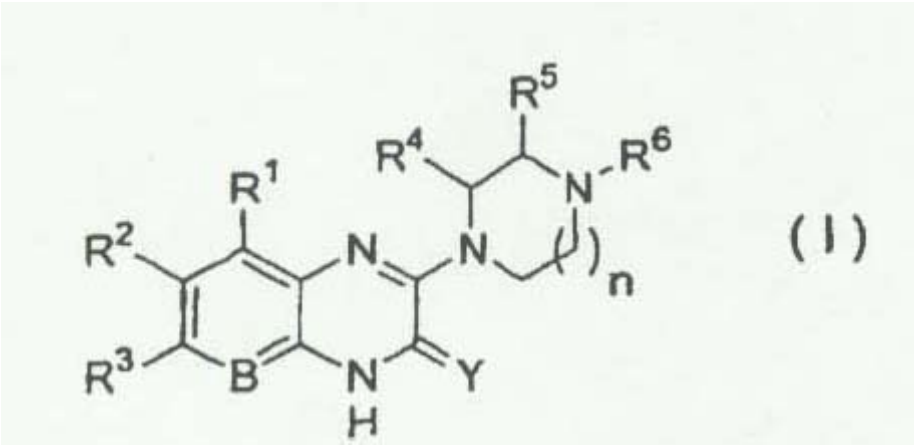
(54) Title of the invention : QUINOXALINE COMPOUNTS

(51) International classification :A61P 29/00
(31) Priority Document No :60/507,176
(32) Priority Date :30/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032003
Filing Date :29/09/2004
(87) International Publication No :WO 2005/033088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VENABLE, JENNIFER P

No of Pages : 85
No of Claims : 132

(57) Abstract :
Quinoxaline compounds, compositions, methods of making them, and methods of f using them in leukocyte recruitment inhibition, in modulating an H4 receptor, and in treating conditions such as inflammation, H4 receptor-mediated conditions, and related conditions. formula(I); wherein B is, independently from other member and substituent assignments, N or CR7; Y is independently from other member and substituent assignments, O.S or NH; n is, independently from member and substituent assignments 1 or 2.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2006
(21) Application No.1106/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HUMAN EPO MIMETIC HINGE CORE MIMETIBODIES, COMPOSITIONS, METHODS AND USES

(51) International classification	:C12N15/12; C07K14/435
(31) Priority Document No	:60/507,349
(32) Priority Date	:30/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/028976
Filing Date	:03/09/2004
(87) International Publication No	:WO 2005/032460
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)JOHN GHRAYEB
4)BERNARD J. SCALLON
5)THOMAS C. NESSPOR
6)CHICHI HUANG

No of Pages : 92
No of Claims : 40

(57) Abstract :
The present invention relates to at least one novel human EPO mimetic hinge core mimetibody or specified portion or variant, including isolated nucleic acids that encode at least one EPO mimetic hinge core mimetibody or specified portion or variant, EPO mimetic hinge core mimetibody or specified portion or variants, vectors, host cells, transgenic animals or plants, and methods of making and using thereof, including therapeutic compositions, methods and devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1107/KOLNP/2006 A
(43) Publication Date : 27/04/2007

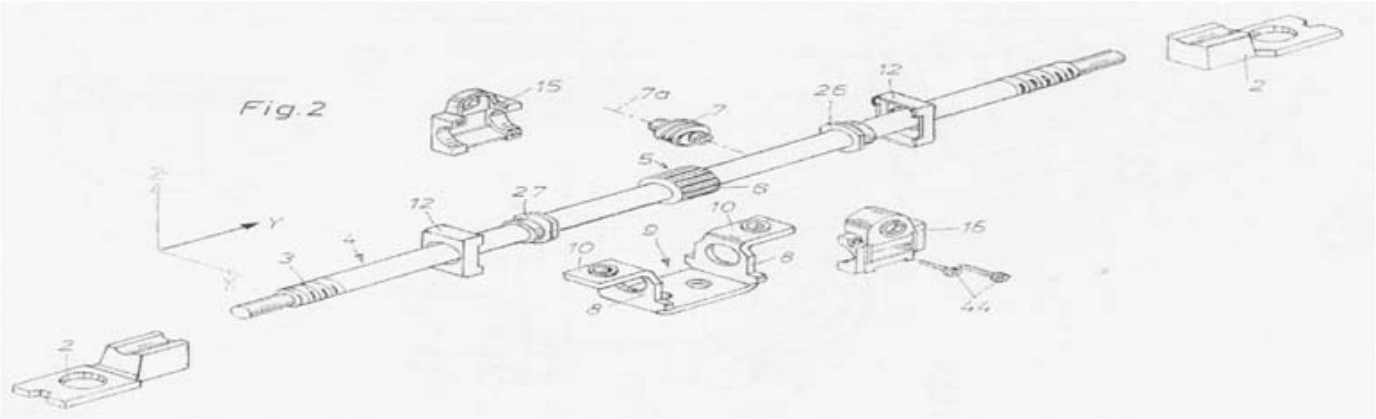
(54) Title of the invention : DRIVE HOUSING OF A SEAT ADJUSTING DRIVE FOR A MOTOR VEHICLE

(51) International classification	:B60N2/02; B60N2/06
(31) Priority Document No	:103 58 586.9
(32) Priority Date	:08/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013628
Filing Date	:01/12/2004
(87) International Publication No	:WO 2005/053997
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)WÃ–HRLE, MICHAEL

No of Pages : 16
No of Claims : 14

(57) Abstract :
For a gear case of an adjustment mechanism for a seat adjustment device of a motor vehicle, which is provided for the holding of mechanism elements of the adjustment mechanism and which is equipped with at least two case parts, whereby the joined case parts release two recesses for passage of a spindle of the adjustment mechanism, the case parts can be joined together along a parting line as the case, hereby at least two case parts in the region of the parting line of the case are provided with joint surfaces, which are provided for the purpose of reciprocal placement of the case parts by means of a joining process of the case parts it is proposed that contact surfaces (30-36; 30a-36a) are present in addition to the joint surfaces (18-21; 18a-21a) on the case parts (15, 16), said contact surfaces which are in non-parallel alignment to the joint surfaces, and that via the contact surfaces (30-36; 30a-36a) such gear forces are absorbable, whose direction of flow transferred runs parallel to at least a section of the joint surfaces (18-21; 18a-21a) and the case parts are fastened to one another by means of screw connections, whereby the contact surfaces (30-36; 30a-36a) of the one case part (15, 16) are held against the contact surfaces (30-36; 30a-36a) of the other case part (15, 16) solely due to the screw connections in their location to each other. With such a case high loads can be absorbed in spite of a small size. (Fig. 2)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1108/KOLNP/2006 A
(43) Publication Date : 27/04/2007

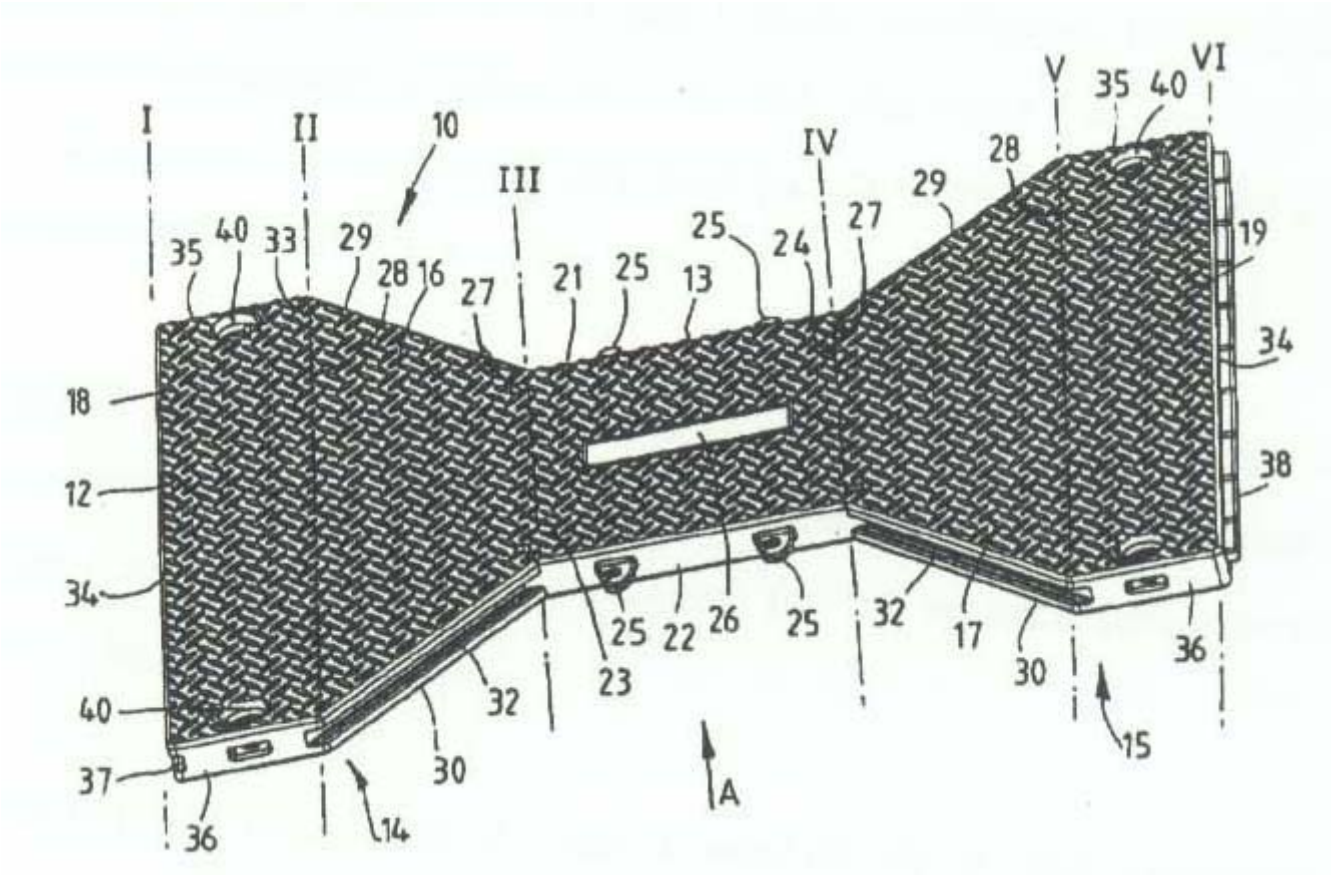
(54) Title of the invention : CONSTRUCTIONAL PANELS

(51) International classification :E01C5/00
(31) Priority Document No :0323314.5
(32) Priority Date :04/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/004200
Filing Date :04/10/2004
(87) International Publication No :WO 2005/035874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 23

(57) Abstract :
A constructional panel (10) suitable for use in ground covering or decking or for constructing cladding or panelling has a complex shape in plan which allows the panel to be joined to a number of like panels to form a continuous array thereof. The panel (10) has a rectangular central section (13) and a pair of end sections (14, 15) extending from opposed end edges (23, 24) of the central section (13). Each end section (14, 15) has an isosceles trapezium part (16, 17) adjoining the central section (13) and a rectangularpart(18, 19) adjoining the trapezium part (16, 17). Various of the external edges (29, 30, 34) of the panel are configured to allow interengagement with the corresponding edges of other like panels so as to resist movement in a direction normal to the plane of the panels and a locking arrangement (25,47,53-56) is provided to allow the panels when interengaged to be locked together to resist relative separiting movement.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1109/KOLNP/2006 A
(43) Publication Date : 27/04/2007

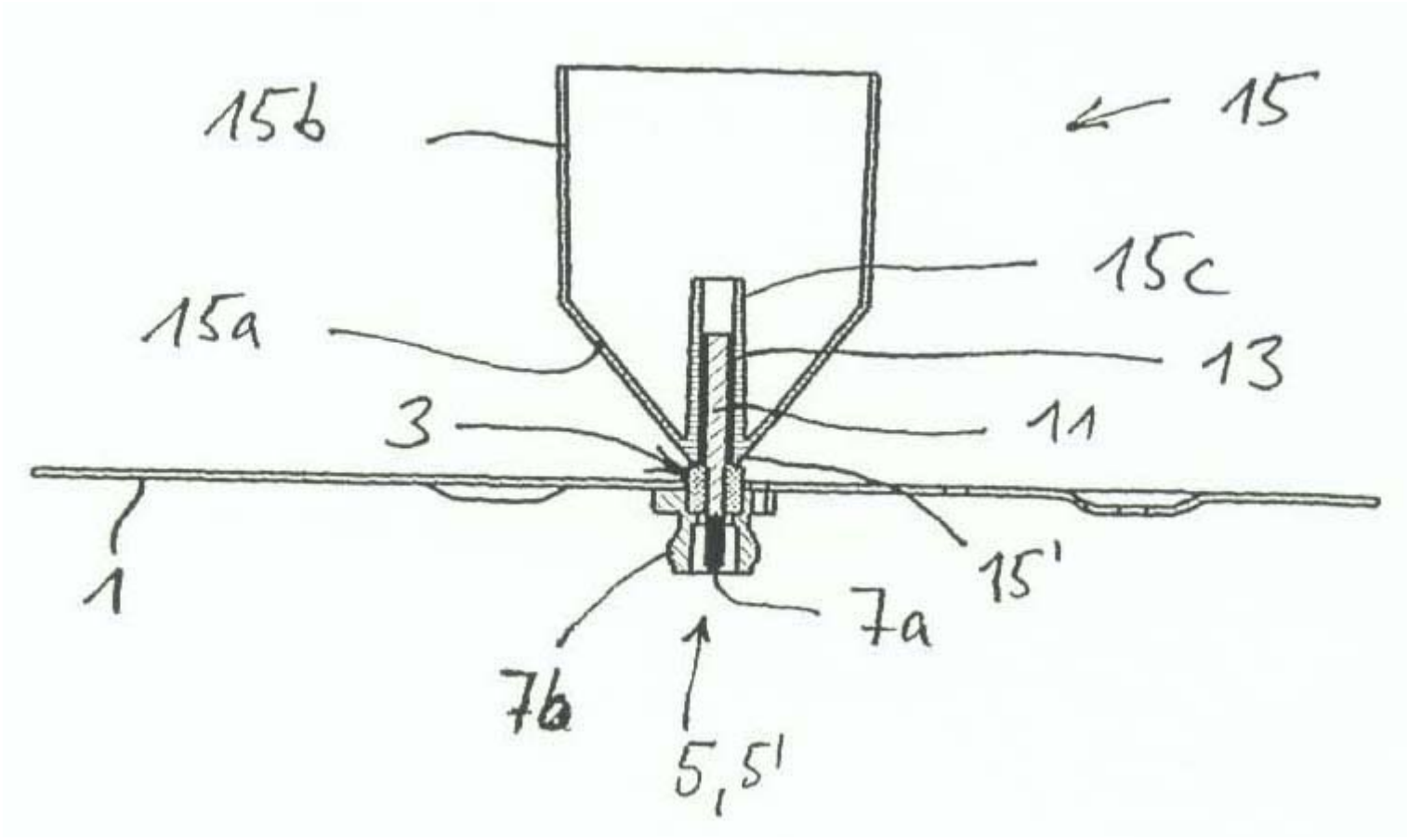
(54) Title of the invention : BROADBAND ANTENNE, IN PARTICULAR OMNIDIRECTIONAL ANTENNA

(51) International classification :H01Q 9/40
(31) Priority Document No :10359605.4
(32) Priority Date :18/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/012211
Filing Date :28/10/2004
(87) International Publication No :WO 2005/060048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAUNBERGER THOMAS
2)ZIERHUT DIETER

No of Pages : 29
No of Claims : 19

(57) Abstract :
The invention relates to a broadband antenna, in particular an omnidirectional antenna with the following characteristics: the emitter (15) projects upwards from a base plate or counterweight surface (1); said emitter (15) has a jacket surface extending away from the base plate (1); the base plate (l)is equipped with a cavity (3), in the vicinity of which the foot point (19) of the monopole emitter (15) is elcctro-galvanically separated from the base plate or the counterweight surface (1); and the emitter (15) is supplied with energy by means of a serial or capacitive inner conductor line coupling.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1110/KOLNP/2006 A
(43) Publication Date : 27/04/2007

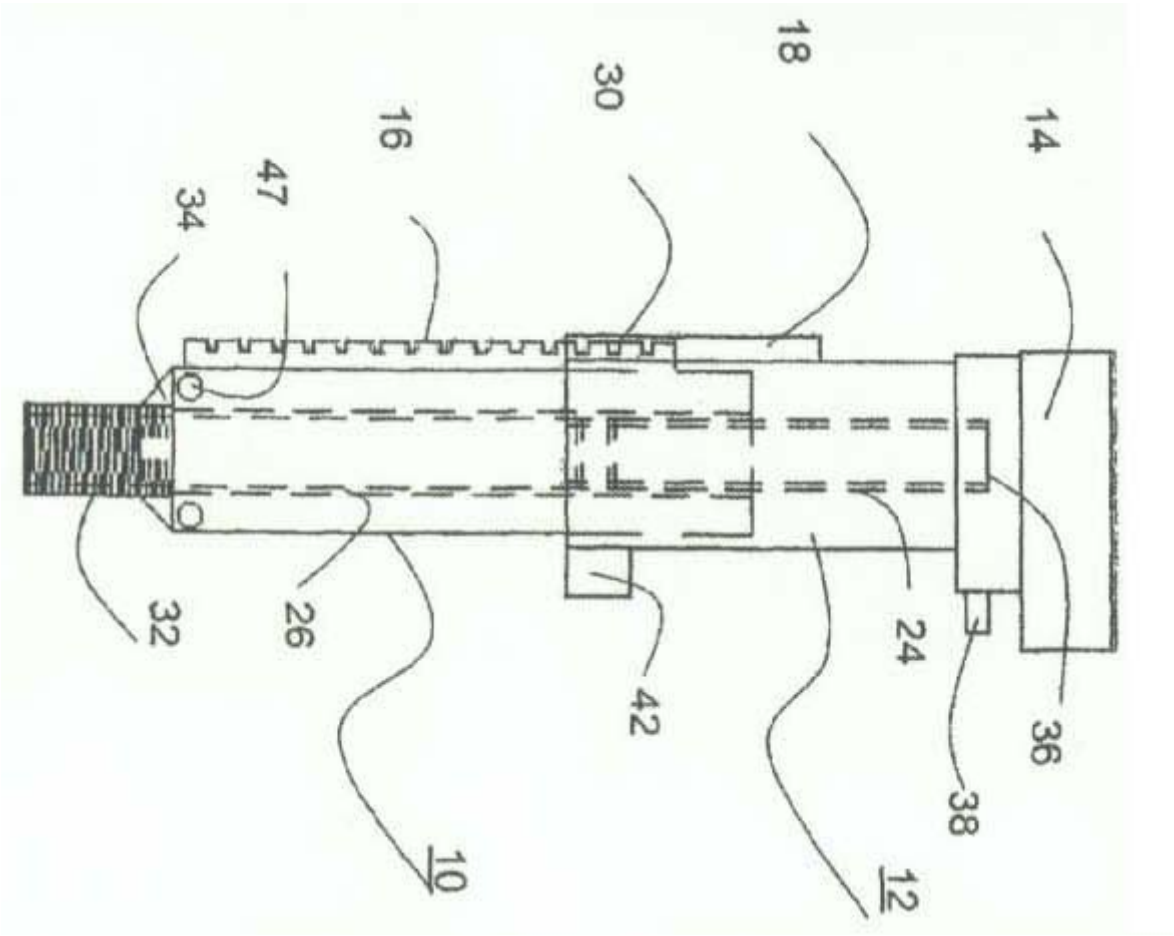
(54) Title of the invention : TOILET TANK FILL VALVE AND METHOD OF OPERATION

(51) International classification :E03D 1/3
(31) Priority Document No :10/676,544
(32) Priority Date :01/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032456
Filing Date :01/10/2004
(87) International Publication No :WO/2005/033424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAW, WILLIAM

No of Pages : 44
No of Claims : 21

(57) Abstract :
A metered water control system inlet tube (24) receiving water conducting water into the interior of the tank to a diverter. A diverter (48) channels the flow to cause mechanical motion responsive to the channeled flow. A control valve (66 and 60), responsive to a mechanical switch, opens and closes access of the water from the inlet tube to the diverter. A mechanical switch (124, 112, and 114), responsive to flow of water from the diverter, closes the control valve automatically when a pre-determinable volume of water flows through the diverter. A discharge tube (20 and 24) receives water from the diverter to discharge the water into the tank. An actuator (158 and 162) linked to a flush arm of the toilet and linked to the mechanical switch causes the switch to open the control valve to allow the pre-determined volume of water to flow into the discharge tube.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1111/KOLNP/2006 A
(43) Publication Date : 27/04/2007

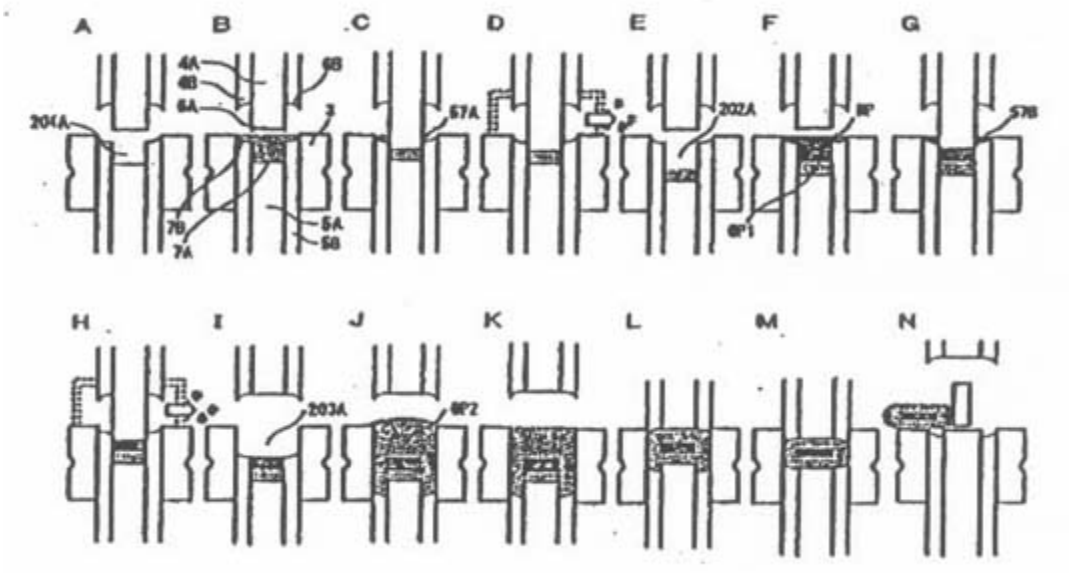
(54) Title of the invention : METHOD OF MANUFACTURING NUCLEATED MOLDING

(51) International classification :B30B11/02; A61J3/06
(31) Priority Document No :2003-384502
(32) Priority Date :14/11/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/016759
Filing Date :11/11/2004
(87) International Publication No :WO/2005/046978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OZEKI, YUICHI
2)IZUMI, KENTARO
3)HARADA, KENJI

No of Pages : 51
No of Claims : 20

(57) Abstract :
The present invention provides a method for manufacturing a molding with a core by using compression molding means having upper and lower double-structured punches; the method comprising the steps of supplying molding material for the core and molding material for the outer layer respectively, the step of compression-molding the molding material for the core and/or the molding material for the outer layer, and the step of compression-molding the whole molding with a core, wherein: the step of supplying the molding material for the outer layer posterior to the step of supplying the molding material for the core is performed until a tip of the lower center punch finally takes a position protruding from a tip of the lower outer punch; and the step of compression-molding the whole molding with a core is performed with the tips of the lower center punch and the lower outer punch aligned with each other. This method can be expected to bring about the effect of enhancing the strength of a portion of outer layer forming the sidewall of the molding and/or the effect of allowing the molding material for the outer layer supplied after the step of supplying the molding material for the core to be led to under the temporary molding of the core thereby making it possible to manufacture a molding with a core through the molding material supply step performed twice.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1112/KOLNP/2006 A
(43) Publication Date : 27/04/2007

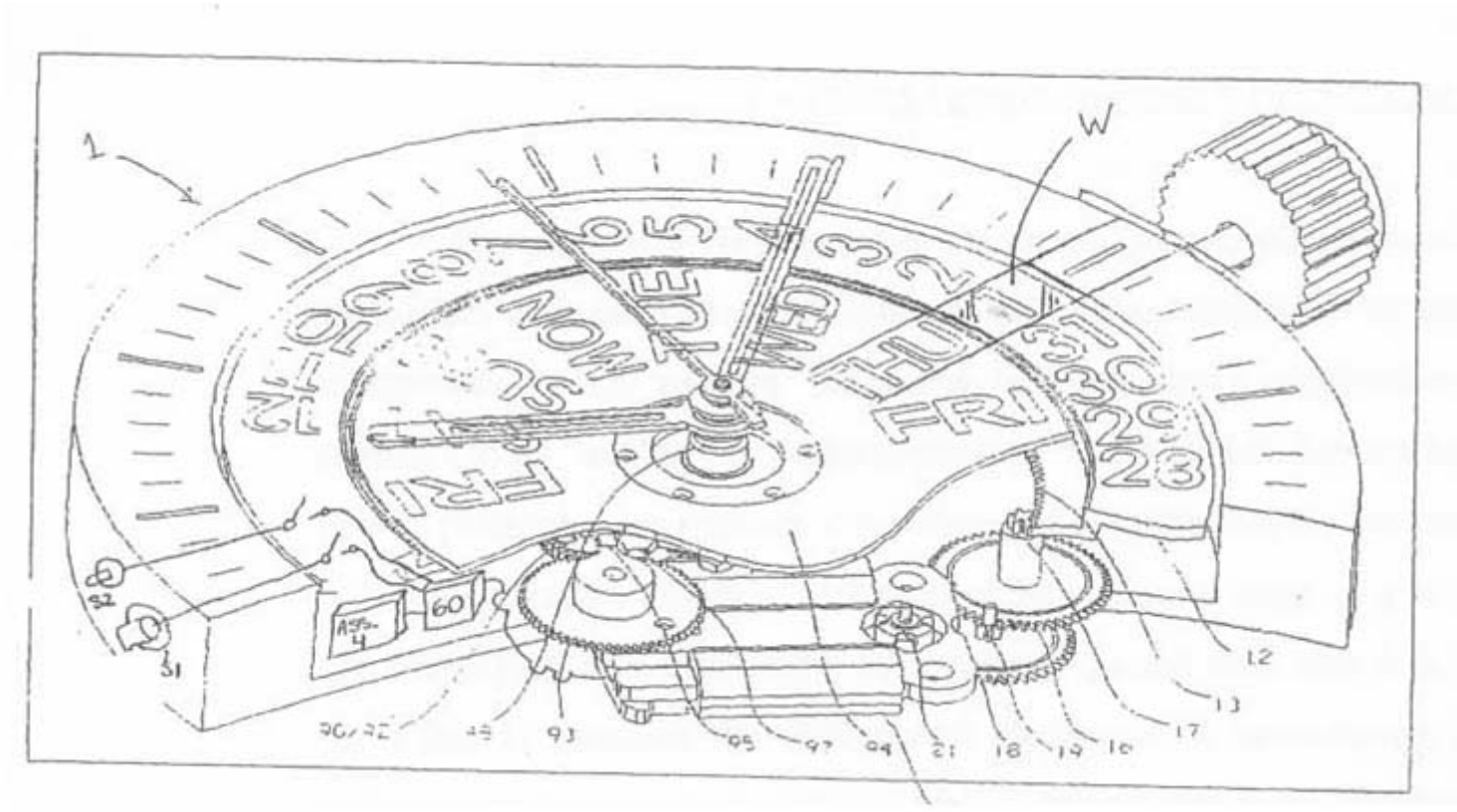
(54) Title of the invention : MULTIFUNCTIONAL ROTATING RING IN A TIMEPIECE

(51) International classification :G04B 19/24
(31) Priority Document No :10/733,191
(32) Priority Date :11/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034964
Filing Date :22/10/2004
(87) International Publication No :WO/2005/062136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LIZZI RONALD
2)GALIE LOUIS M.

No of Pages : 19
No of Claims : 20

(57) Abstract :
A timepiece having a display for displaying a digit provided on a ring which itself has a plurality of digits provided thereon, wherein the timepiece comprises an integrated circuit operable in at least (i) a date display mode and (ii) a counting mode; a gearing assembly comprising one or more wheels, being meshingly coupled to the ring so that the rotation of the one or more wheels causes the rotation of the ring; a motor, the motor rotateably coupled to the at least one or more wheels of the gearing assembly, wherein the motor has a rotatable member such that the rotation thereof causes the ring to rotate; and mode selecting means for selecting between at least the date display mode and the counting mode; wherein when in the date display mode the ring rotates at a first rate and when in the counting mode the ring rotates at a second rate different from the first rate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1113/KOLNP/2006 A
(43) Publication Date : 27/04/2007

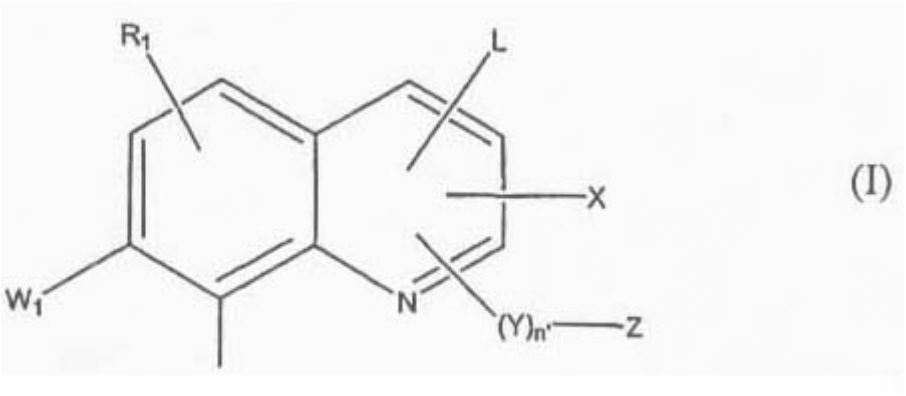
(54) Title of the invention : METHODS AND COMPOSITIONS FOR SELECTION INHIBITION

(51) International classification :C07D 215/20
(31) Priority Document No :60/518,939
(32) Priority Date :10/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037441
Filing Date :09/11/2004
(87) International Publication No :WO/2005/047258
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JANZ, KRISTIN, M
4)CAMPHAUSEN, RAYMOND T.
5)BEDARD, PATRICIA, W
6)HUANG, ADRIAN

No of Pages : 96
No of Claims : 57

(57) Abstract :
The present invention relates to the field of anti-inflammatory substances, and more particularly to novel compounds that act as antagonists of the mammalian adhesion proteins known as selectins. In some embodiments, methods for treating selectin mediated disorders are provided which include administration of compound of Formula (I): wherein the constituent variables are defined herein.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1114/KOLNP/2006 A
(43) Publication Date : 27/04/2007

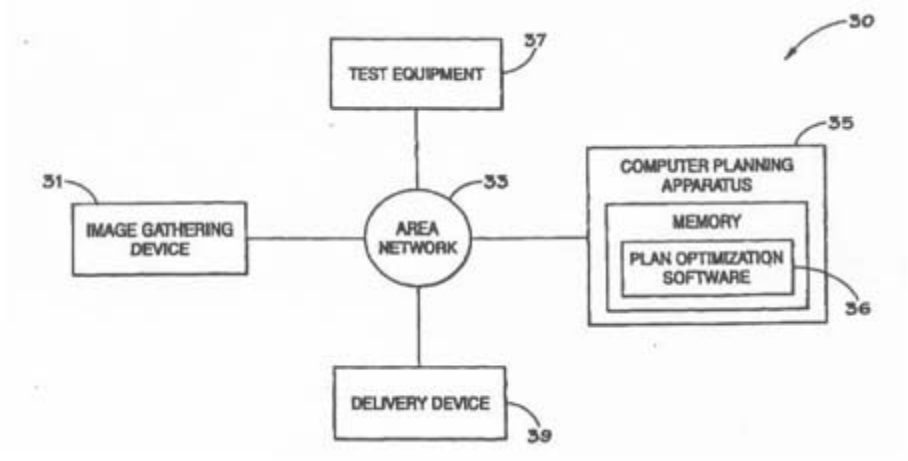
(54) Title of the invention : PLANNING SYSTEM METHOD AND APPARATUS FOR CONFORMAL RADIATION THERAPY

(51) International classification :A61N 5/10
(31) Priority Document No :60/518,020
(32) Priority Date :07/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032995
Filing Date :07/10/2004
(87) International Publication No :WO/2005/035061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ROMESBERG MERLE, III

No of Pages : 96
No of Claims : 39

(57) Abstract :
A system and associated methods to determine an optimal radiation beam arrangement are provided. The system includes a computer planning apparatus which includes a treatment plan optimization computer having a memory and an input device in communication with the treatment plan optimization computer to provide user access to control functions of plan optimization software. An image gathering device is in communication with the treatment plan optimization computer through a communications network to provide an image slice of the tumor target volume and the non-target structure volume. The plan optimization software computationally obtains and then optimizes a proposed radiation beam arrangement iteratively based on constraints to form an optimized radiation beam arrangement A conformal radiation therapy delivery device in communication with the treatment plan optimization computer through the communications network then applies the optimized radiation beam arrangement to the patient



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1115/KOLNP/2006 A
(43) Publication Date : 27/04/2007

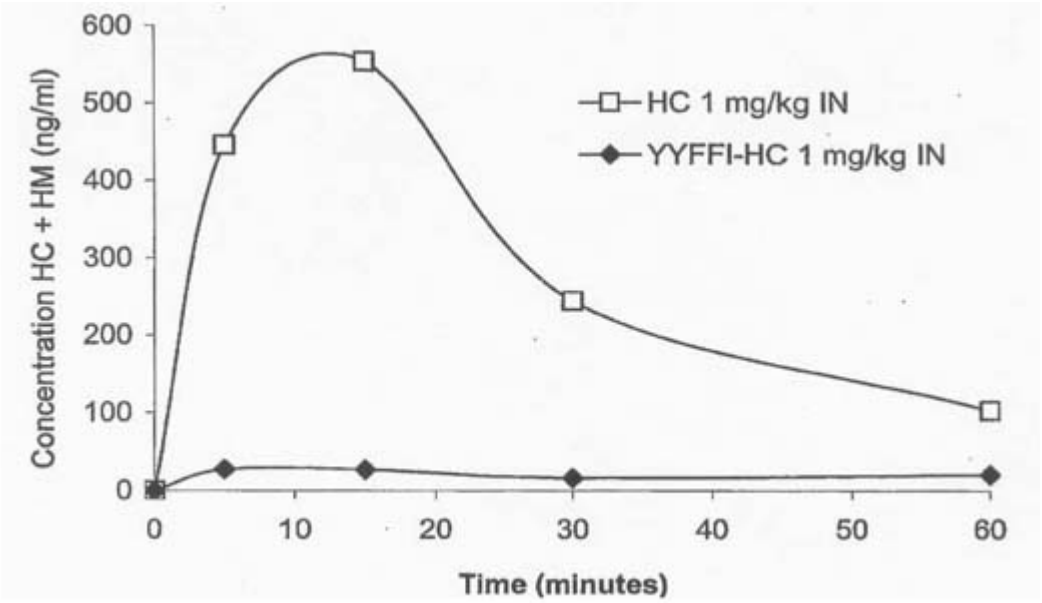
(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR PREVENTION OF OVERDOSE OR ABUSE

(51) International classification :C07K 7/06
(31) Priority Document No :60/507,012
(32) Priority Date :30/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032131
Filing Date :30/09/2004
(87) International Publication No :WO 2005/032474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KRISHNAN, SUMA
3)MONCRIEF, JAMES, SCOTT
4)LAUDERBACK, CHRISTOPHER
5)MILLER, CHRISTAL

No of Pages : 331
No of Claims : 55

(57) Abstract :
The invention relates to pharmaceutical compositions comprised of a chemical moiety attached to an active agent in a manner that substantially decreases the potential of the active agent to cause overdose or to be abused. When delivered at the proper dosage the pharmaceutical composition provides therapeutic activity similar to that of the parent active agent.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1116/KOLNP/2006 A
(43) Publication Date : 27/04/2007

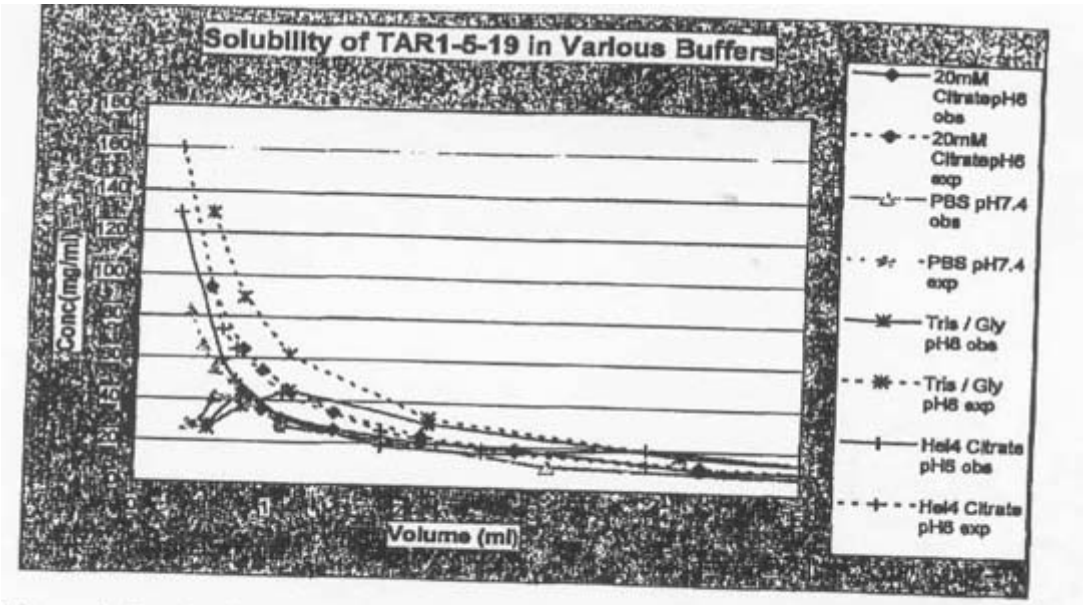
(54) Title of the invention : ANTIBODY COMPOSITIONS AND METHODS

(51) International classification :A61K 39/395
(31) Priority Document No :60/509,613
(32) Priority Date :08/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2004/004253
Filing Date :08/10/2004
(87) International Publication No :WO 2005/035572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)JONES PHILIP

No of Pages : 258
No of Claims : 72

(57) Abstract :
Provided are concentrated preparations comprising single immunoglobulin variable domain polypeptides that bind target antigen with high affinity and are soluble at high concentration, without aggregation or precipitation, providing, for example, for increased storage stability and the ability to administer higher therapeutic doses.



Zoomed plot showing final 5ml of observed (obs) concentrations of TAR1-5-19 and HEL-4 dAbs and their theoretically expected (exp) concentrations vs. various volumes post concentration in several buffers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1117/KOLNP/2006 A
(43) Publication Date : 27/04/2007

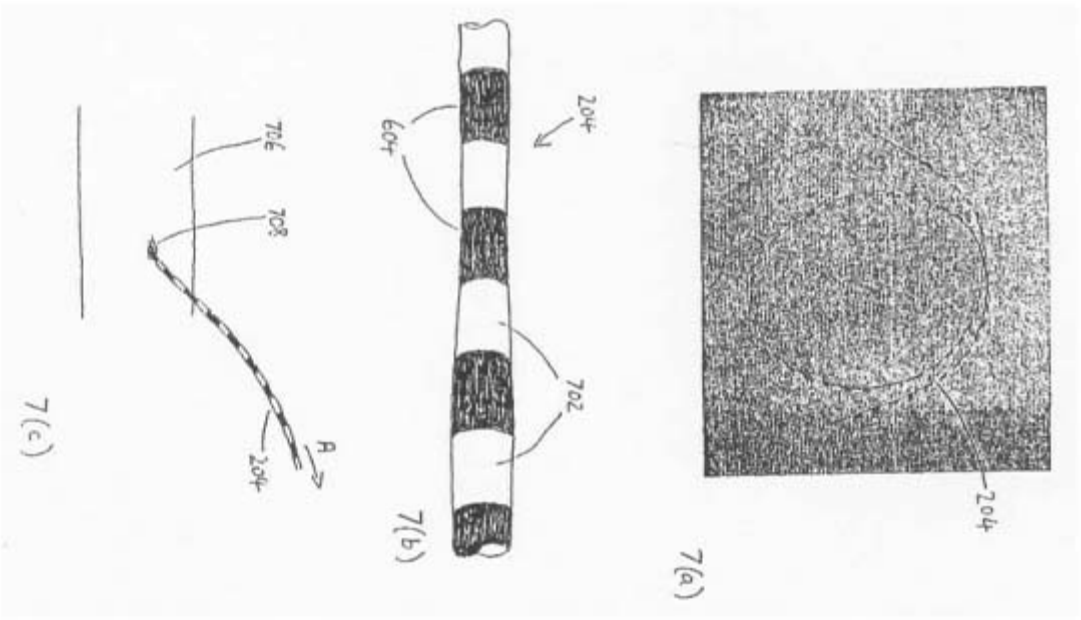
(54) Title of the invention : DEVICE AND METHOD FOR THE TREATMENT OF HOLLOW ANATOMICAL STRUCTURES

(51) International classification	:A61B 17/00
(31) Priority Document No	:0323158.6
(32) Priority Date	:03/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/010928
Filing Date	:30/09/2004
(87) International Publication No	:WO 2005/034783
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)GUY, ADAM

No of Pages : 48
No of Claims : 32

(57) Abstract :
A method of treating hollow anatomical structures for example varicose veins. The method comprises: providing an elongate radiation applicator, the elongate applicator including an emitter the emitter being coupled to a source of microwave radiation and being adapted to emit said radiation; introducing the applicator into a hollow anatomical structure, the hollow anatomical structure including a section of target tissue; traversing the applicator past the section of target tissue while said emitter emits microwave radiation of a predetermined intensity into said section. Techniques are used (markings on the coaxial cable in conjunction with an audible tone) so that the user makes the traversal at a predetermined rate so that uniform application of the radiation to the tissue, and effective occlusion occurs. An applicator for performing the treatment is also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1118/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GLUCOCEREBROSIDE TREATMENT OF DISEASE

(51) International classification :A61K 31/7032
(31) Priority Document No :10/675,980
(32) Priority Date :30/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/030841
Filing Date :20/09/2004
(87) International Publication No :WO 2005/032462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MARGALIT, MAYA
3)ZIMRAN, ARI

No of Pages : 67
No of Claims : 113

(57) Abstract :
The present invention provides a method for the treatment of immune mediated or immune related diseases or disorders, infectious diseases, metabolic disorders and cancer in mammalian subjects. This method comprises the administration of a naturally occurring, mammalian intermediary metabolite or T cell receptor ligand, preferably a glucosylceramide, to a mammalian subject. In a preferred embodiment, such mammalian subjects are human beings.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006

(21) Application No.1119/KOLNP/2006 A
(43) Publication Date : 27/04/2007

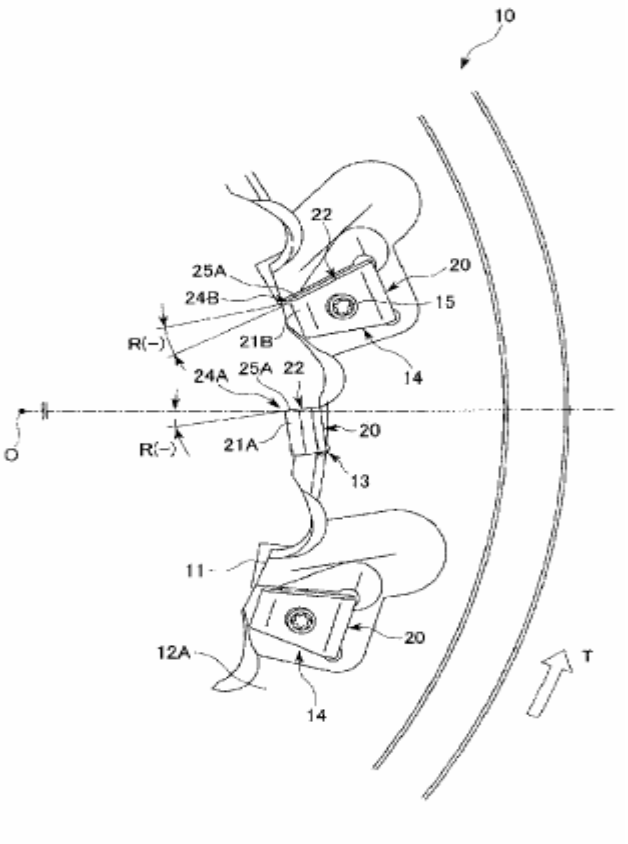
(54) Title of the invention : PIN MIRROR CUTTER, AND THROW-AWAY TIP MOUNTED THEREON

(51) International classification	:B23C5/12; B23C5/20
(31) Priority Document No	:2003-374177
(32) Priority Date	:04/11/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/015837
Filing Date	:26/10/2004
(87) International Publication No	: WO/2005/042197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)SHIRAI, MOTOSHI
3)WATANABE, TOSHIYOSHI

No of Pages : 73
No of Claims : 6

(57) Abstract :
Cutting resistance is reduced effectively, the strength of a cutter body is kept high, and manufacture is facilitated. The deflection precision of cutting edges is kept high, without causing the cutter body to deviate in an axial direction with respect to an adaptor even due to the load and cutting heat in a thrust direction. Therefore, cutting edges are formed at the intersecting ridgeline parts between a pair of oppositely disposed long side faces 22 and 22 of a substantially trapezoidal flat-plate-shaped tip body 20 and upper and lower faces 21 and 21 of the tip body 20. A tip is mounted on a first tip mounting seat 13 formed in a peripheral face of the cutter body 10 such that a thickness direction of the tip body 20 is approximately aligned with a radial direction of the cutter body 10 to provide curved edges 25A formed in acute corner parts 24A of the tip body 20 for cutting. The tip is mounted on a second tip mounting seat 14 formed in an end face 12A (12B) of the cutter body 10 such that the thickness direction of the tip body 20 is approximately aligned with the direction of an axis 0 of the cutter body 10 to provide curved edges 25A formed in obtuse corner parts 24B of the tip body 20 for cutting.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1120/KOLNP/2006 A
(43) Publication Date : 27/04/2007

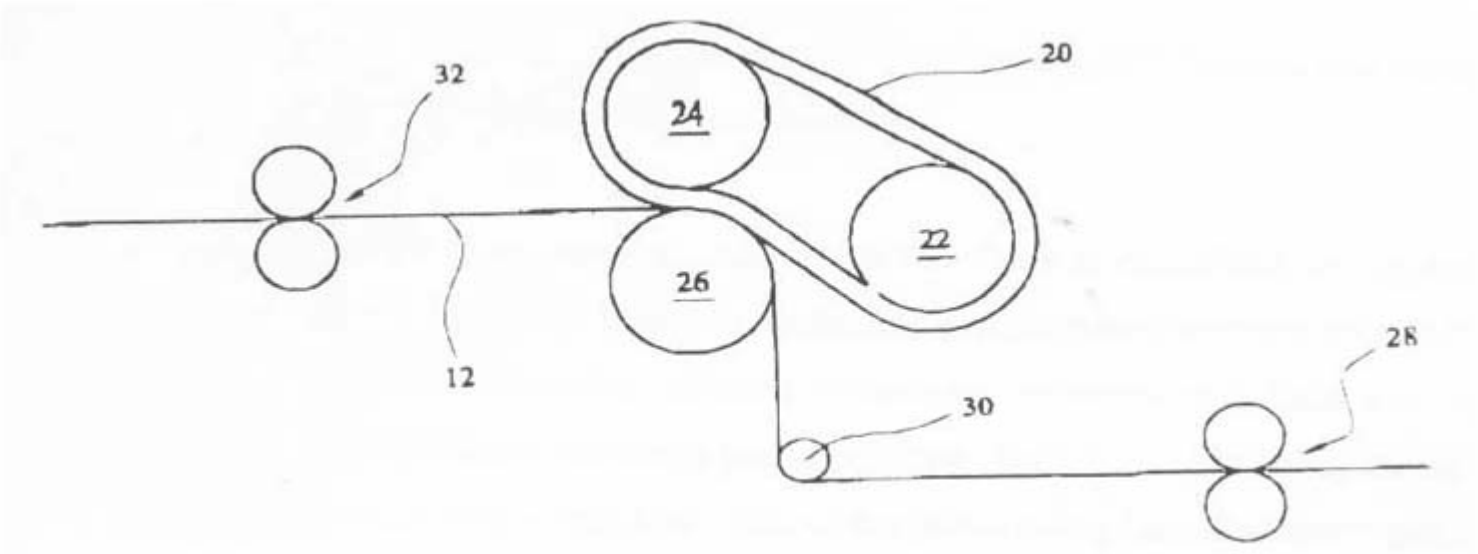
(54) Title of the invention : APPARATUS FOR IMPARTING STRETCH TO FABRICS

(51) International classification :D06C 21/00
(31) Priority Document No :0323002.6
(32) Priority Date :02/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/004201
Filing Date :04/10/2004
(87) International Publication No :WO/2005/033397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORRIS, PAUL A.J.

No of Pages : 9
No of Claims : 9

(57) Abstract :
An apparatus for the treatment of fabric which comprises transport means (20, 26) for effecting relative movement between a heat and pressure application means and the fabric, whereby the passage of the fabric through the apparatus results in the yams substantially across the width of the fabric being forced closer together, thus imparting scrni-permanent "ease" or "stretch" into the fabric, characterised in that fabric speed control means (28) are employed downstream of the apparatus whereby to maintain the fabric output speed at a predetermined level



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2006
(21) Application No.1121/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : EDUCATED NKT CELLS AND THEIR USE IN THE TREATMENT OF IMMUNE-RELATED DISORDERS

(51) International classification	:A61K39/395; A61K35/12; A61K35/28
(31) Priority Document No	:10/676,045
(32) Priority Date	:30/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2004/030891 :20/09/2004
(87) International Publication No	:WO 2005/032463
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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No of Pages : 162
No of Claims : 140

(57) Abstract :
The present invention relates to a method for the treatment of immune-related or immune-mediated disorders in a mammalian subject in need of such treatment. This method comprises the step of manipulating the NKT cell population in said subject by suitable means, said manipulation of the NKT cell population resulting in modulation of the Thl/Th2 balance toward anti-inflammatory cytokine producing cells Manipulation of the NKT cell population may be performed either by depletion of said cells by a suitable means or alternatively by ex vivo education of the NKT cells, such that the educated NKT cells have the capability to modulate the Thl/Th2 balance toward anti-inflammatory cytokine producing cells. The invention further relates to pharmaceutical compositions for the treatment of immune-related or immune-mediated disorders in a mammalian subject. These compositions comprising as an effective ingredient an ex vivo educated NKT cell. The invention further provides for an ex vivo educated NKT cell and uses thereof in the treatment of immune-related or immune-mediated disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1122/KOLNP/2006 A
(43) Publication Date : 27/04/2007

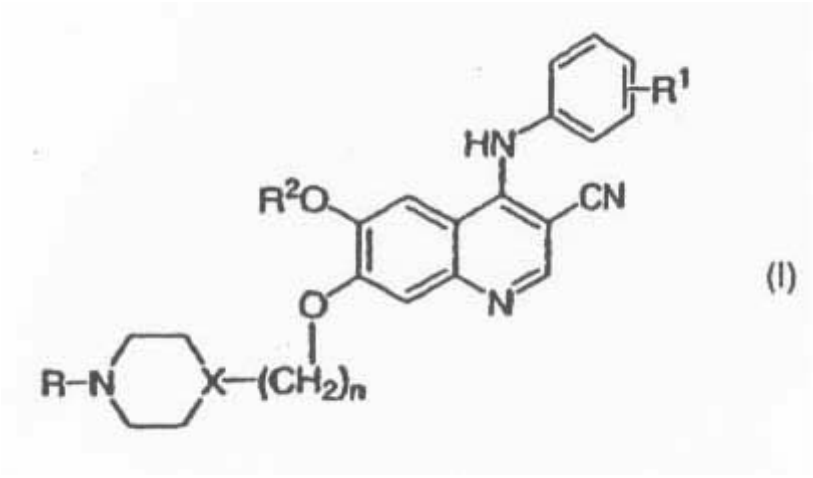
(54) Title of the invention : 4-ANILINO-3-QUINOLINECARBONITRILES FOR THE TREATMENT OF CHRONIC MYELOGENOUS LEUKEMIA

(51) International classification :A61K 31/4709
(31) Priority Document No :60/517,819
(32) Priority Date :06/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036722
Filing Date :03/11/2003
(87) International Publication No :WO 2005/046693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A.
(72)**Name of Inventor :**
1)BOSCHELLI FRANK CHARLES
2)GOLAS JENNIFER MICHELE
3)ARNDT KIM TIMOTHY

No of Pages : 33
No of Claims : 22

(57) Abstract :
Compounds of formula (I) wherein n is an integer from 1-3; X is N, CH, provided that when X is N, n is 2 or 3; R is alkyl of 1 to 3 carbon atoms; R1 is 2,4-diCI, 5-OMe; 2,4-diCI; 3,4,5-triOMe; 3-CI, 5-OMe; 2-Me, 5-OMe; 2,4-di-Me; 2,4-diMe-5-OMe, 2,4-diCI, 5-OEt; R2 is alkyl of 1 to 2 carbon atoms, and pharmaccutically acceptable salts thereof are useful for the treatment of chronic myelogenous leukemia (CML). -31-



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1123/KOLNP/2006 A
(43) Publication Date : 27/04/2007

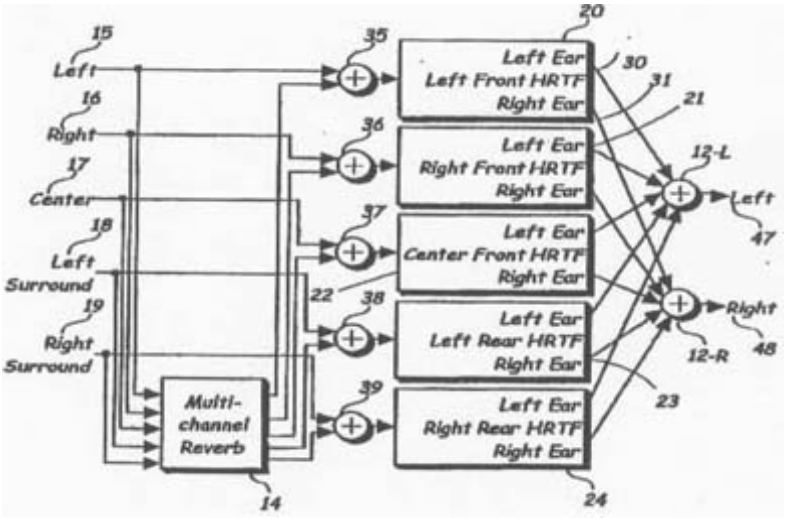
(54) Title of the invention : AUDIO SIGNAL PROCESSING SYSTEM AND METHOD

(51) International classification :G10H 1/00
(31) Priority Document No :60/519,786
(32) Priority Date :12/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2004/001479
Filing Date :27/10/2004
(87) International Publication No :WO/2005/048653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)REILLY ANDREW PETER
2)MCKEAG ADAM RICHARD

No of Pages : 38
No of Claims : 52

(57) Abstract :
A method, an apparatus, and a software product to process a plurality of input audio signals (15-19). The apparatus accepts a plurality of input signals (15-19) and includes a multi-input, multi-output reverberator (14) arranged to, generate a set of output signals (35-39) including delayed reverberation components simulating the reverberations a listener is likely to hear in a listening environment The apparatus further includes a multi-input, two-output filter (20-24) accepting the outputs of the reverberator and the plurality of input terminals, providing outputs for the left and right ears, and configured to implement a set of head related transfer functions corresponding to a listening environment and a set of directions of a listener in the listening environment. The apparatus is such that a listener listening to the outputs through headphones (47-48) has the sensation of listening to the plurality of input audio signals as if they are emanating from a plurality of loudspeakers spatially located in the listening environment at a corresponding plurality of directions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1124/KOLNP/2006 A
(43) Publication Date : 27/04/2007

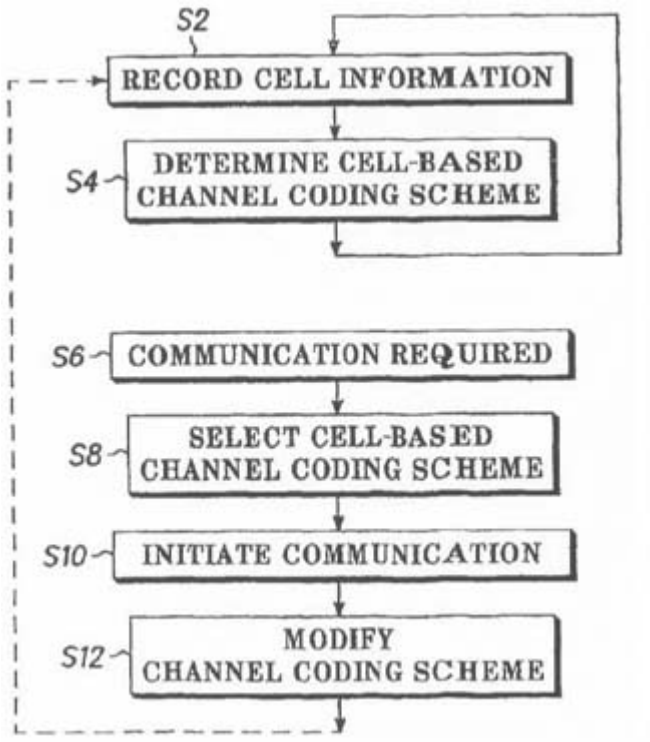
(54) Title of the invention : METHOD FOR SELECTING A CHANNEL CODING SCHEME FOR USE IN INTIATING COMMUNICATIONS BASED ON CHANNEL CODING SCHEMES USED FOR COMMUNICATIONS IN THE CELL, AND CORRESPINDING INSTRUCTIONS STORED ON A STORAGE MEDIUM AND APPARATUS

(51) International classification :H04L 1/00
(31) Priority Document No :0327156.6
(32) Priority Date :21/11/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/052013
Filing Date :02/09/2004
(87) International Publication No :WO/2005/055503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)MONZON GALVE, JOSE
4)WAGENTRISTL, KURT

No of Pages : 21
No of Claims : 18

(57) Abstract :
The present invention relates to the selection of a channel coding cmc for communications in a wireless communication system. In the described arrangement, a cell-based channel coding scheme selected (S4) from a plurality of available channel coding schemes based on the channel coding schemes used in the cell. The stored selected channel coding scheme can then be used on initiation of a communication with a subscriber device (S8).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1125/KOLNP/2006 A
(43) Publication Date : 27/04/2007

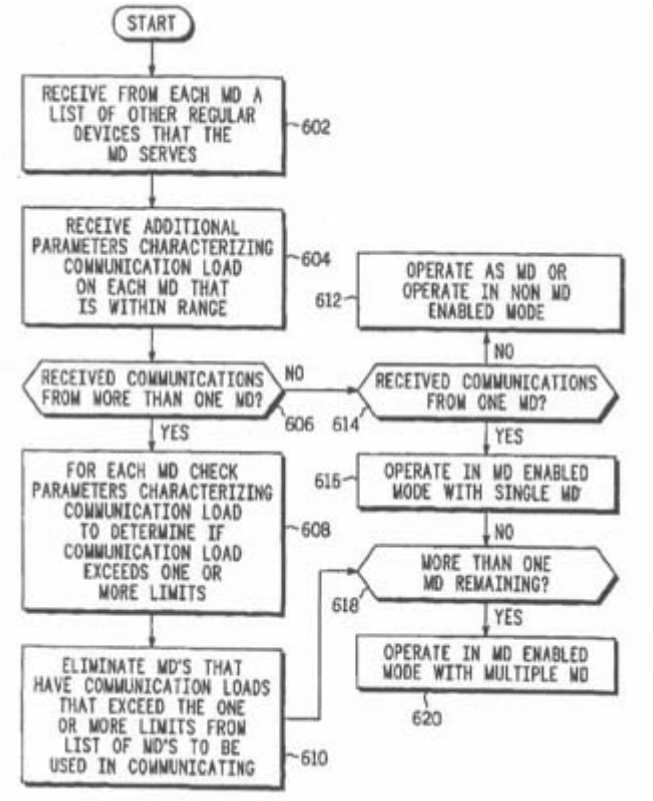
(54) Title of the invention : WIRELESS NETWORK WITH IMPROVED SHARING OF HIGH POWER CONSUMPTION TASKS

(51) International classification :H04Q 7/00
(31) Priority Document No :10/741,206
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/041077
Filing Date :08/12/2004
(87) International Publication No :WO/2005/060604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ANDRIC, OLEG
3)HUANG JIAN
4)SHI, QICAI

No of Pages : 46
No of Claims : 24

(57) Abstract :
Protocols for ad-hoc wireless networks (200) that use mediation devices (202-210) to facilitate communication between low power, low duty cycle wireless devices (212-226) are provided. In order to avoid premature battery exhaustion in particular devices, devices operating as mediation devices (202-210) report their communication load to low duty cycle wireless devices (212-226) that are positioned to be able to use the mediation devices (202-210). Based on the information as to communication load received from multiple mediation devices (202-210), and optionally on a virtual hop count that is a predictor of how rapidly the use of a route through a particular mediation device will lead to battery exhaustion, low duty cycle wireless devices (212-226) choose a mediation device (202-210) to use or proportion use of mediation devices (202-210) in order to delay battery exhaustion in the network.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1126/KOLNP/2006 A
(43) Publication Date : 27/04/2007

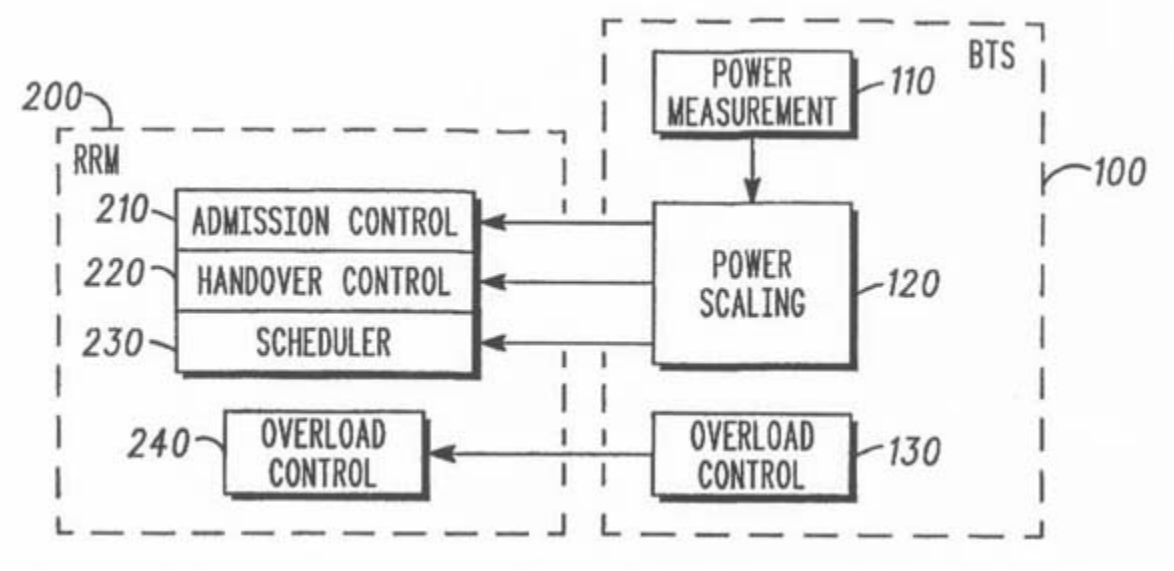
(54) Title of the invention : RADIO RESOURCE MANAGEMENT

(51) International classification :H04L12/24
(31) Priority Document No :0327800.9
(32) Priority Date :28/11/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/051984
Filing Date :01/09/2004
(87) International Publication No :WO/2005/053183
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MOLKDAR, DAVOOD
2)FEATHERSTONE, WALTER
3)O'NEILL, RORIE
4)WALLINGTON, JONATHAN

No of Pages : 26
No of Claims : 16

(57) Abstract :
The present invention relates to radio resource management in a wireless communication system. Specifically, the present invention relates to a method and apparatus for obtaining downlink power information for a multi-sector base transceiver site in which power can be shared between the sectors. Such information can be used in radio resource management in a wireless communication system. Power requirement measurement information gathered at a base transceiver station is modified prior to being provided to a radio resource management unit. This enables more effective use of power resources at a base transceiver site.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1127/KOLNP/2006 A
(43) Publication Date : 27/04/2007

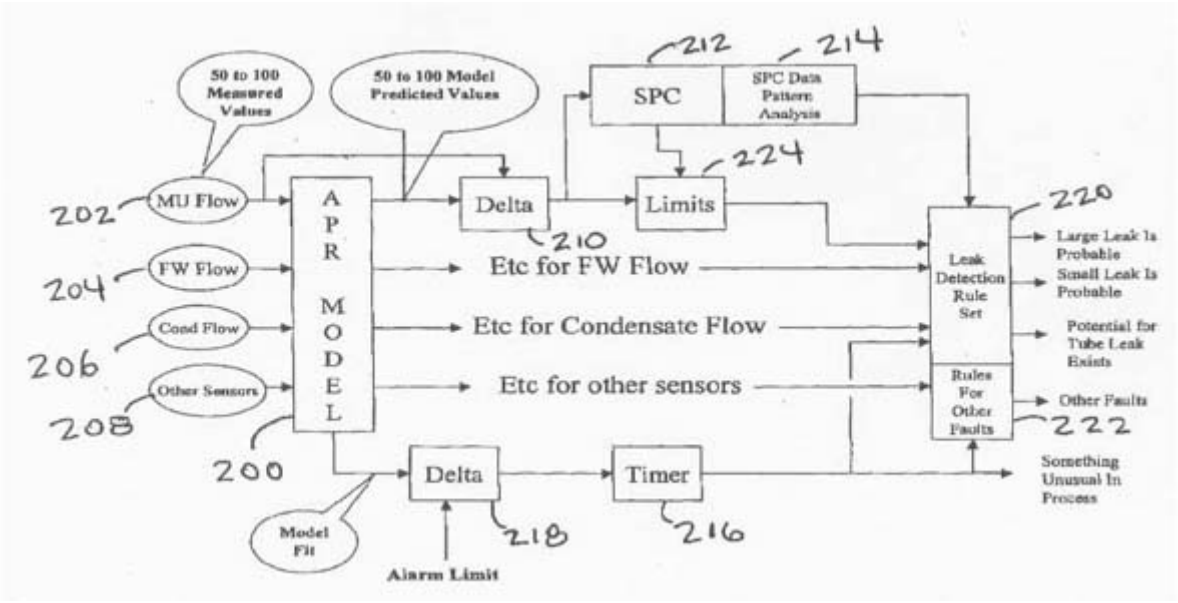
(54) Title of the invention : DETECTING FAULTS OF SYSTEM COMPONENTS IN A CONTINUOUS PROCESS

(51) International classification :G05B 19/418
(31) Priority Document No :60/511,998
(32) Priority Date :16/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033801
Filing Date :13/10/2004
(87) International Publication No :WO/2005/038545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TOTH, FRNAK

No of Pages : 28
No of Claims : 29

(57) Abstract :
A method and apparatus and for detecting faults in components of a continuous process such as a steam generator. A model of the process is developed using a modeling technique such as advanced pattern recognition and the model is used to generate predicted values for a predetermined number of the operating parameters of the process. Statistical process control methods are used to determine if the difference between the predicted and actual measured values for one or more of the parameters exceeds a configured statistical limit. A rule set is used to indicate an actual or probable fault in a component of the continuous process



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1128/KOLNP/2006 A
(43) Publication Date : 27/04/2007

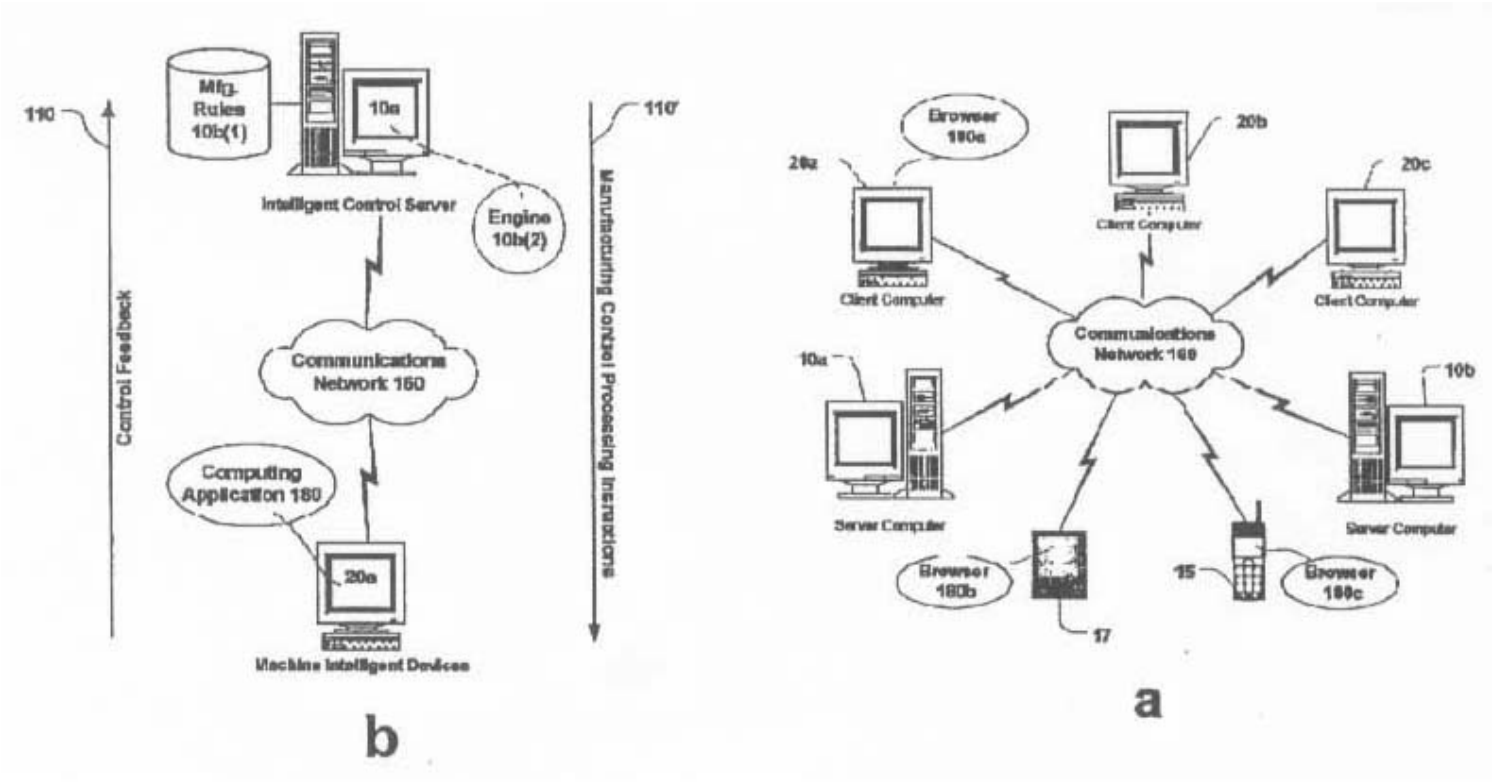
(54) Title of the invention : INDUSTRIAL INFORMATION TECHNOLOGY (IT) ON-LINE INTELLIGENT CONTROL OF MACHINES IN DISCRETE MANUFACTURING FACTORY

(51) International classification	:G06F 17/00
(31) Priority Document No	:PCT/US2003/034977
(32) Priority Date	:31/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/034977
Filing Date	:31/10/2003
(87) International Publication No	:WO/2005/048122
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)JULIAN, DANNY, E.

No of Pages : 23
No of Claims : 22

(57) Abstract :
The invention contemplates a system and method offering control and management of manufacturing resources (Machine I, Machine 2... Machine n) to obtain optimal manufacturing capacities and to avoid manufacturing down-time currently realized through manual operation and control of manufacturing resources. In an illustrative implementation, the present invention contemplates an exemplary control computing application (ISO) operating in a computing environment (100) which communicates with, cooperates with, and provides control over at least one manufacturing resource (e.g. manufacturing machine - Machine 1, Machine 2,... Machine n). The computing application (180) provides at least one instruction set (1 of) for use in controlling the manufacturing resource. The communication of the instruction set may be realized local to the manufacturing resource, remotely from the manufacturing resource, or some combination thereof



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1129/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MUSK ODORANT COMPOUNDS

(51) International classification :A61K 8/49
(31) Priority Document No :PCT/IB03/05630
(32) Priority Date :28/11/2003
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2004/003628
Filing Date :04/11/2004
(87) International Publication No :WO/2005/054220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)FEHR, CHARLES

No of Pages : 28
No of Claims : 8

(57) Abstract :
The present invention concerns keto derivatives of 5,5,6,7,8,8-hexametbyI-hexahydronaphthalene or keto-epoxy derivatives of 5,5,6,7,8,8-hexamethyl-octahydronaphthalene which are useful perfuming ingredients having a musky-earthy character.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1130/KOLNP/2006 A
(43) Publication Date : 27/04/2007

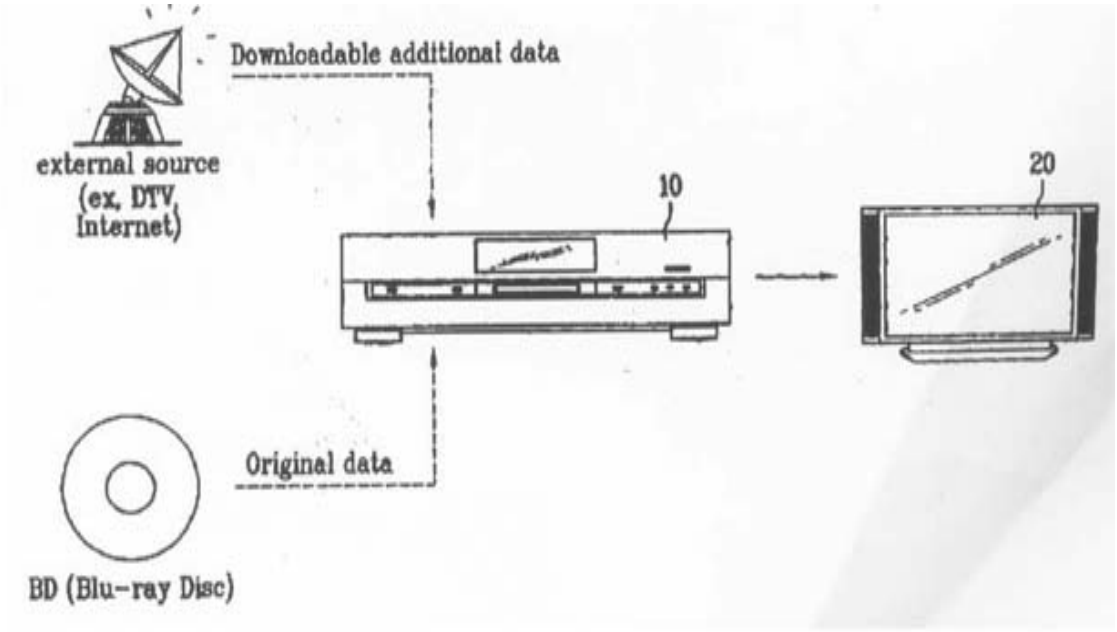
(54) Title of the invention : METHOD OF CREATING PLAYBACK CONTROL FILE FOR RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING DATA USING THE PLAYLIST CONTROL FILE

(51) International classification :G11B 20/10
(31) Priority Document No :1020030083689
(32) Priority Date :24/11/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003036
Filing Date :24/11/2004
(87) International Publication No :WO 2005/050529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)KIM BYUNG JIM
3)YOO JEA YONG

No of Pages : 50
No of Claims : 19

(57) Abstract :
A method of creating a playback control file for a recording medium and method and apparatus for reproducing data using the playback control file are disclosed. The method of creating a playback control file for a recording medium includes reading a virtual PlayList identifying a download list from the recording medium, the download list designating at least one additional clip downloadable from an external source, downloading the at least one additional clip from the external source, and creating a new PlayList based on the virtual PlayList, the new PlayList including a new PlayItem designating the at least one additional clip designated by the download list.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1131/KOLNP/2006 A
(43) Publication Date : 27/04/2007

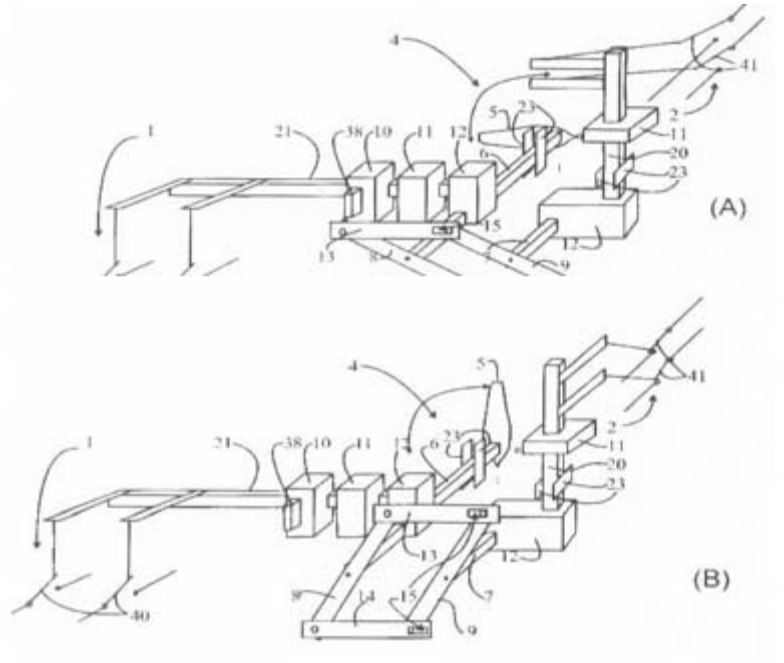
(54) Title of the invention : SWITCHING DEVICE COMBINATION FOR CAPACITIVE LOADS CONNECTED TO DIRECT VOLTAGE

(51) International classification :H01H 3/46
(31) Priority Document No :20031604
(32) Priority Date :05/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000651
Filing Date :03/11/2004
(87) International Publication No :WO 2005/045864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAJALA, ERKKI
3)NAHLS, MIKAEL
4)POYHONEN, SIMO
5)VARPELA, MARTTI
6)TALJA, MARKKU

No of Pages : 14
No of Claims : 8

(57) Abstract :
This publication discloses a switching device combination for capacitive loads (3) connected to a direct voltage. The switching device combination includes an actual switch component (1) for connecting voltage to the capacitive load (3), a charging switch component (2) for connecting charging voltage Co the capacitive load in the initial stage, which charging switch component is dimensioned for a lower current than the actual switch component (1), a controller component (4), by means of which the actual switch component (1) is controlled from an open state to a closed state and vice versa, with the aid of a mechanical lever (5). which is connected to a first shaft (6), and delay elements (11) for delaying the connection of the actual switch component (1), so that the closed charging switch component (2) will have time to charge the capacitive load (3) before the connection of the actual switch component (1). According to the invention, the controller component (4) includes a second shaft (7), which is operationally connected to the first shaft, in order to control the charging switch component (2). 10



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1132/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PROCESS FOR MANUFACTURING AN ARTICLE, MADE OF A HYDRAULICALLY-SETTING MATRIX, BY MOLDING AND ARTICLE OBTAINED BY THIS PROCESS

(51) International classification	:B28B1/26; C04B28/02
(31) Priority Document No	:P 200302301
(32) Priority Date	:03/10/2003
(33) Name of priority country	:Spain
(86) International Application No	:PCT/FR04/050479
Filing Date	:01/10/2004
(87) International Publication No	:WO 2005/032780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 13
No of Claims : 19

(57) Abstract :
Process for manufacturing an article by molding, comprising a step of injection molding in a mold, a vacuum water extraction step and a step of demolding the fresh article. Likewise, the invention relates to the article obtained by said process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1133/KOLNP/2006 A
(43) Publication Date : 27/04/2007

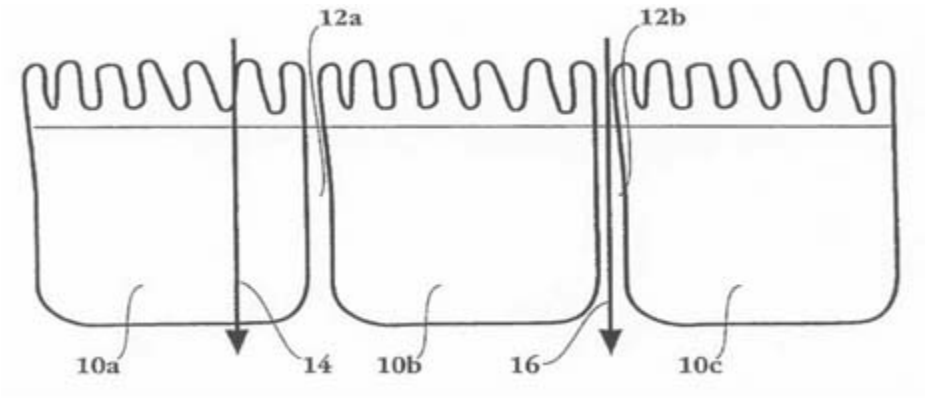
(54) Title of the invention : COMPOSITIONS AND DOSAGE FORMS FOR ENHANCED ABSORPTION OF 3-AMINO-N-BUTYL-PHOSPHINIC ACID

(51) International classification	:A61K 9/00
(31) Priority Document No	:60/516,259
(32) Priority Date	:31/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/036041
Filing Date	:29/10/2004
(87) International Publication No	:WO/2005/041926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)DONG YAN
4)GEORGE V. GUITTARD

No of Pages : 57
No of Claims : 49

(57) Abstract :
Disclosed are substances, compositions, dosage forms and methods relating to drugs including 3-aminopropyI-n-butyl-phosphinic acid, structural homologs thereof, 3-aminopropyl-n-butyl-phosphimc acid complexes; complexes that comprise structural homologs of 3-aminopropyl-n-butyl-phosphimc acid, pharmaceutically acceptable salts of 3-aminopropyl-n-butyl-phos-phinic acid or structural homologs thereof, and mixtures of the above.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1134/KOLNP/2006 A
(43) Publication Date : 27/04/2007

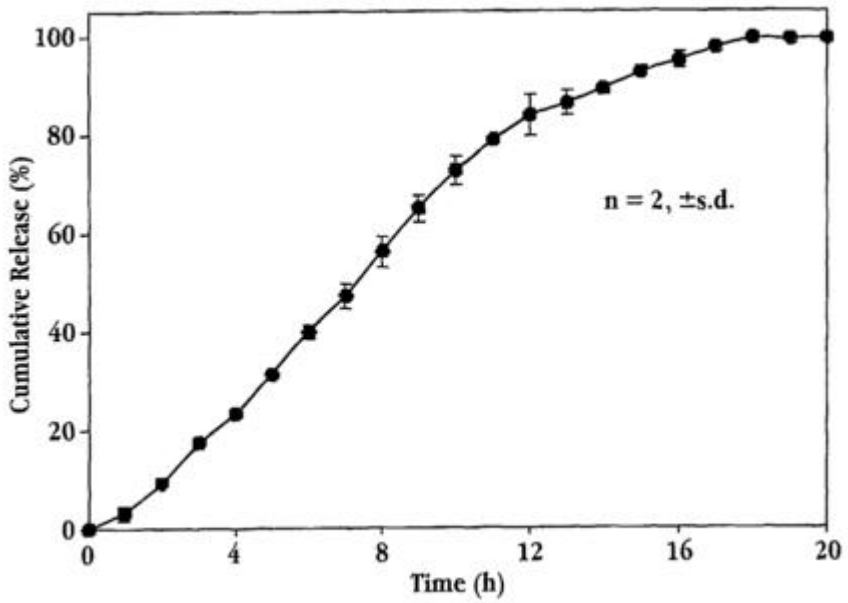
(54) Title of the invention : ADMINISTRATION OF LEVODOPA AND CARBIDOPA

(51) International classification :A61K9/00
(31) Priority Document No :60/516,259
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/036039
Filing Date :29/10/2004
(87) International Publication No :WO/2005/041924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DONG YAN
4)GEORGE V. GUITTARD

No of Pages : 91
No of Claims : 83

(57) Abstract :
Disclosed are substances, compositions, dosage forms and methods that comprise levodopa and/or carbidopa.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1135/KOLNP/2006 A
(43) Publication Date : 27/04/2007

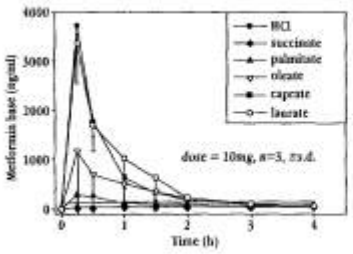
(54) Title of the invention : COMPOSITIONS AND DOSAGE FORMS FOR ENHANCED ABSORPTION

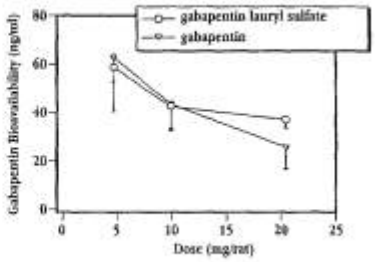
(51) International classification	:A61K 31/185
(31) Priority Document No	:60/516,259
(32) Priority Date	:31/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036040
Filing Date	:29/10/2004
(87) International Publication No	:WO 2005/041925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GEORGE V. GUITTARD

No of Pages : 67
No of Claims : 18

(57) Abstract :
Disclosed is controlled delivery of pharmaceutical agents and methods, dosage forms and devices therefore. In particular, formulation, dosage forms, methods and devices for enhanced absorption and controlled delivery drug compounds are disclosed.





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1136/KOLNP/2006 A
(43) Publication Date : 27/04/2007

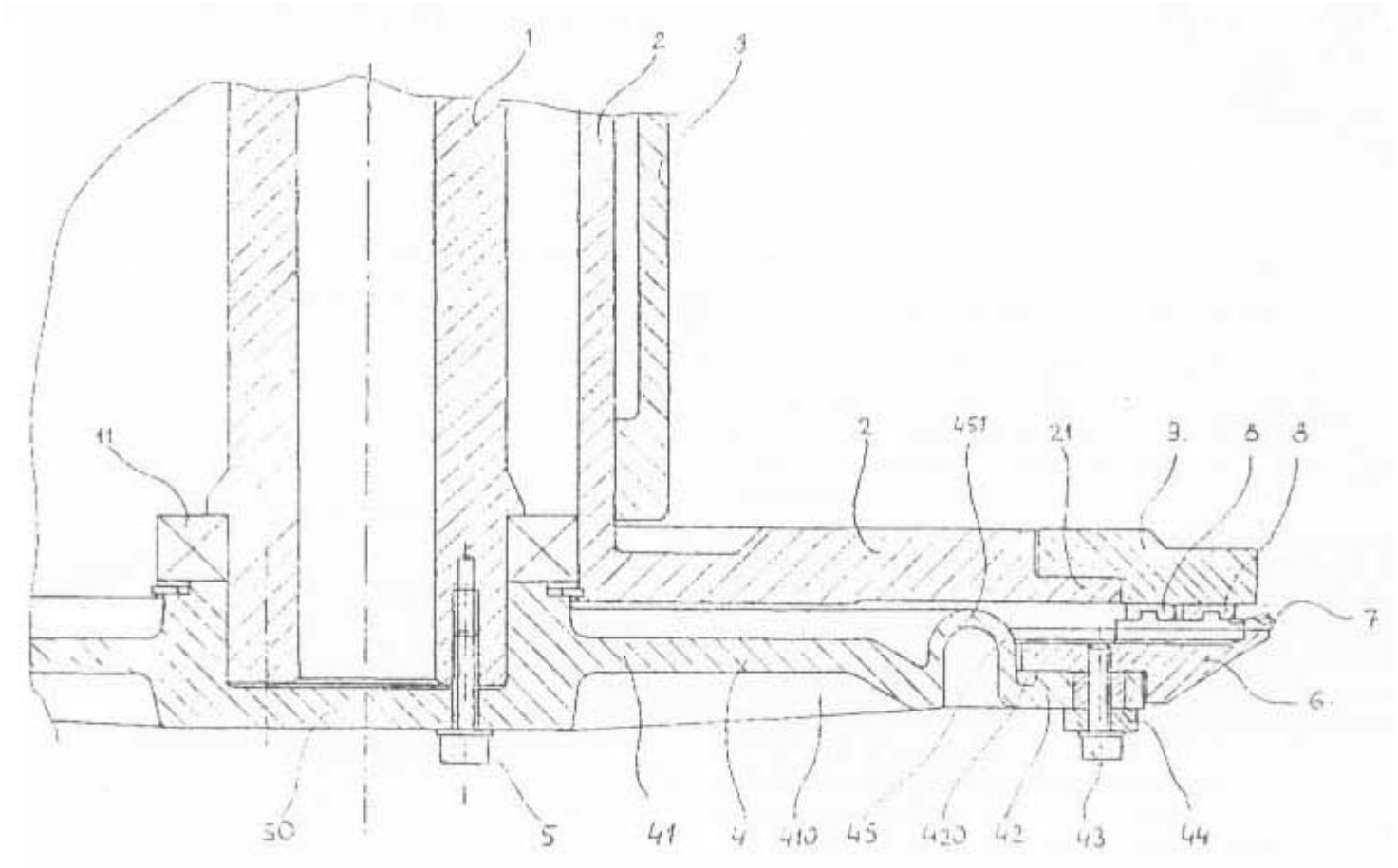
(54) Title of the invention : DOUBLE JERSEY CIRCULAR KNITTING MACHINE

(51) International classification :D04B15/00
(31) Priority Document No :PV2003-2832
(32) Priority Date :16/10/2003
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2004/000066
Filing Date :14/10/2004
(87) International Publication No :WO/2005/035851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PISKULA, Franstisek

No of Pages : 13
No of Claims : 12

(57) Abstract :
The invention relates to a double jersey circular knitting machine with a cylinder bed and a needle dial (6) supporting knitting means and arranged concentrically around the machine axis, while the cylinder bed is arranged on a cylinder bed support pivoted in the machine bed and the needle deal (6) is dismountably connected with the needle dial (6) support (4) mounted on the bottom end of the center shaft (1) situated in the upper part of the machine and synchronously driven by a cylinder bed support drive. Between an outer part (42) of the needle dial (6) support (4) for fixation of the needle dial (6) and an inner part (41) of the needle dial (6) support (4) and/or between the needle dial (6) support (4) and the needle dial (6) are temperature compensation means radially movable in a limited range for stabilization of differences in heat dilatation of the needle dial (6) and the needle dial (6) support (4).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1137/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CIRCULAR JERSEY KNITTING MACHINE FOR PLUSH FABRIC PRODUCTION

(51) International classification	:D04B15/32; D04B15/34
(31) Priority Document No	:PV2003-2801
(32) Priority Date	:14/10/2003
(33) Name of priority country	:Czech Republic
(86) International Application No	:PCT/CZ04/000065
Filing Date	:14/10/2004
(87) International Publication No	:WO/2005/035847
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PISKULA, Frantisek
2)NEUMANN, Ludvik

No of Pages : 13
No of Claims : 12

(57) Abstract :
he invention relates to a circular jersey knitting machine for production of plush fabric consisting of at least one knitting system with radially movable sinkers (8) fitted with a belly (83) for lapping the ground thread (126) and a nib (84) for lapping a plush thread (127), while these sinkers (8) are controlled by cams with radially immovable needle cams (91) and/or their parts and radially movable tensioners (92) of plush loops for tensioning the plush loops by a radial movement towards the centre of the machine and the sinkers' (8) nib (84) while drawing-out the sinker (8) towards the centre of the machine plugs into previously formed plush loops, whereas the machine further consists of knitting means, which are arranged in a cylinder and they are controlled by a cylinder cam system with a lifting and drawing-down part of a cam channel. The invention consists in that the radially immovable needle cam (91) is fitted with a part (913) for drawing-out the sinkers (8) before the tensioner (92) of plush loops, which is situated in the direction of bed (2, 3) rotation behind the point of sinking the ground thread (126) over the edge of the sinker (8) belly (83), while this part (913) is followed by a front end (921) of the tensioner (92) of plush loops and the part (913) of the radially immovable needle cam (91) is less steep than the front end (921) of the tensioner (92) of plush loops and/or the back end (927) of the tensioner (92) of plush loops slants in the direction of drawing-down the sinkers (8), which exhibits lower steepness than the steepness of the next following part (914) of the radially immovable needle cam (91) for drawing-down the sinkers (8) behind the tensioner (92) of plush loops. The invention relates also to use of this principle in cylinder cam system. The invention further relates to a thread guide (11) on the circular jersey knitting machine for plush fabric production. Further the invention relates to provision of adjustability of proper mutual position of cam channels controlling the movement of the sinkers (8) and the needles (6).

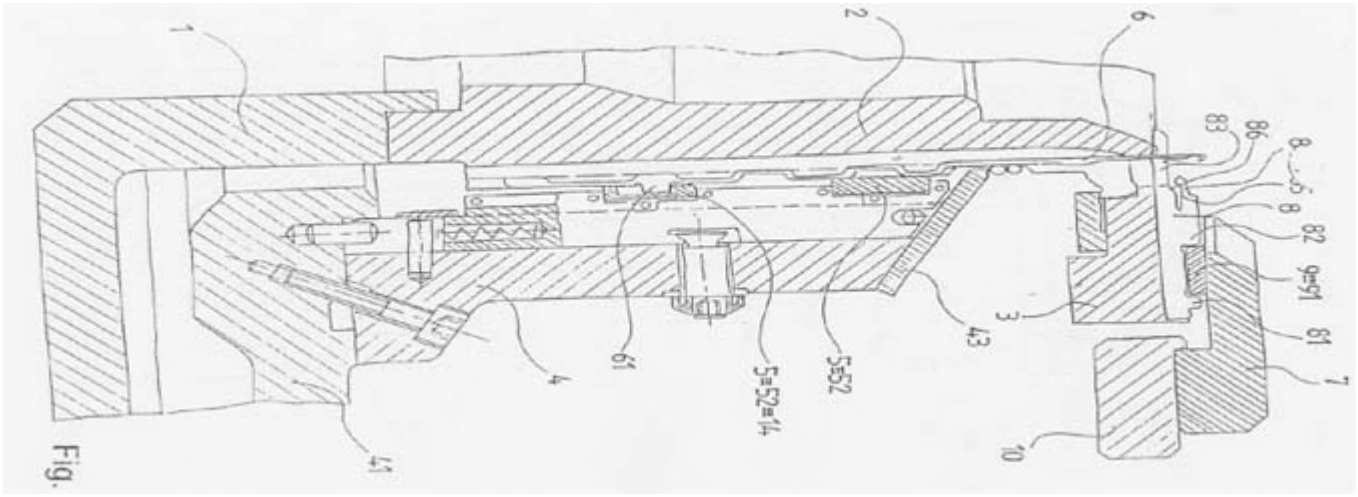


Fig.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1138/KOLNP/2006 A
(43) Publication Date : 27/04/2007

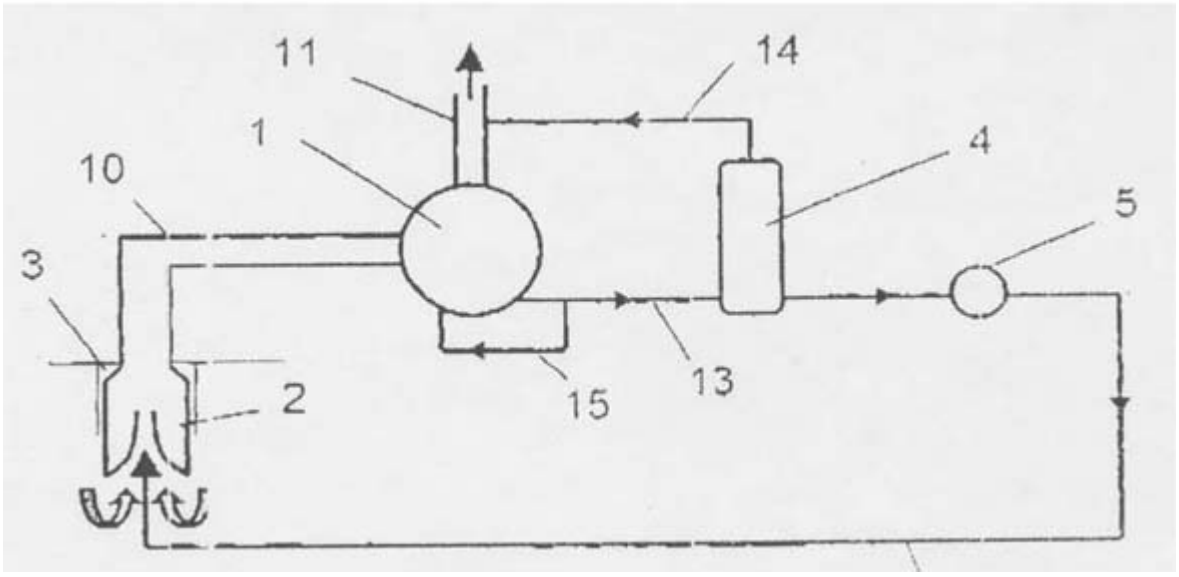
(54) Title of the invention : METHOD FOR DELIVERING MULTI-PHASE MIXTURES AND PUMP INSTALLATION

(51) International classification :E21B 43/12
(31) Priority Document No :103 50 226.2
(32) Priority Date :27/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/DE04/002353
Filing Date :21/10/2004
(87) International Publication No :WO/2005/045189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ROHLFING, Gerhard
3)MULLER-LINK, Dietrich

No of Pages : 12
No of Claims : 14

(57) Abstract :
The object of the invention is to improve delivery of the multi-phase mixture, in particular hydrocarbons from a well, and to limit the free gas volume. According to the invention, this object is attained in that a partial liquid flow (13) is split off on the pressure side from the main delivery flow and guided to the high-pressure side of at least one ejector pump (2) arranged on the suction side as an auxiliary delivery device. The pump installation provides a feed line (7) connecting the pressure chamber of the displacement pump (1) with the high-pressure side of at least one ejector pump (2), whereby the ejector pump (2) is arranged on the suction side in the delivery direction of the displacement pump (1).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1139/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD OF FORMING THERMOPLASTIC FOAMS USING NANO-PARTICLES TO CONTROL CELL MORPHOLOGY

(51) International classification :C08J 9/00
(31) Priority Document No :10/722,929
(32) Priority Date :26/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/039336
Filing Date :22/11/2004
(87) International Publication No :WO 2005/054349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LOH, Roland, R.
3)BRIENDEL, RAYMOND, M

No of Pages : 15
No of Claims : 20

(57) Abstract :
A process for making closed-cell, alkenyl aromatic polymer foams using nano-particle nucleation agents to control the cell morphology of the resulting foam includes forming a polymer melt at a temperature above the polymer glass transition temperature (for crystal polymers) or the polymer melt point (for amorphous polymers); incorporating selected nano-particles into the polymer melt; incorporating blowing agents into the polymer melt at an elevated pressure; optionally incorporating other additives, such as flame retardants, into the polymer melt; and extruding the polymer melt under conditions sufficient to produce a foam product having a desired cell morphology, characterized by parameters such as reduced average cell size range and/or increased asymmetry of the cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1140/KOLNP/2006 A
(43) Publication Date : 27/04/2007

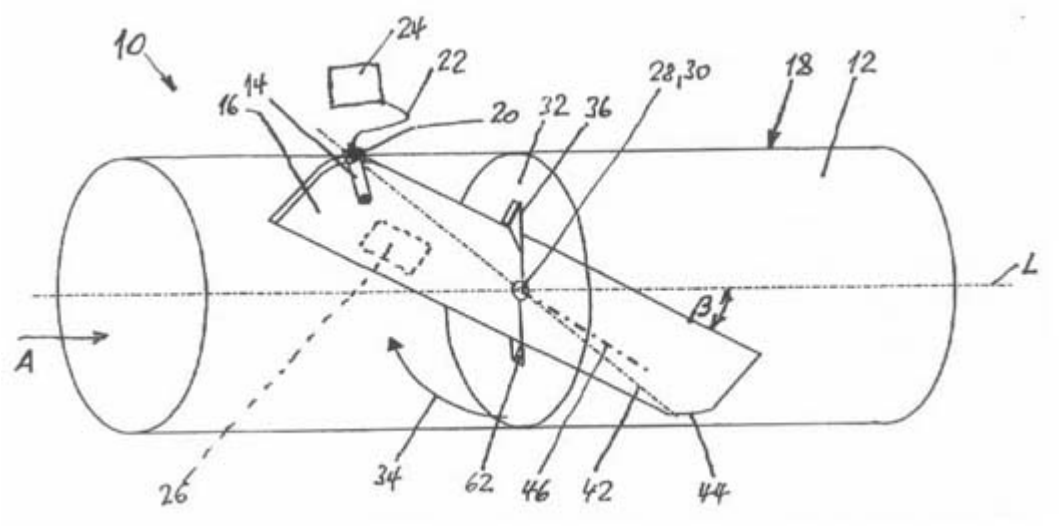
(54) Title of the invention : AIR FLOW CONTROL IN A VENTILATING PIPE

(51) International classification :F24F1/00
(31) Priority Document No :2087/03
(32) Priority Date :08/12/2003
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2004/000699
Filing Date :19/11/2004
(87) International Publication No :WO 2005/053975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 14
No of Claims : 16

(57) Abstract :
The invention relates to device (10) for controlling airflow (A) in a ventilation pipe (12) comprising one or several air throttle (32) which are synchronously actuated and prevent air flowing (A) in the air pipe in the closed position thereof. The ventilation pipe (12) is provided with a longitudinally extending fixing bar (16) which is arranged on a symmetry plane and provided with the pivot bearing (30) of an axis (28) for driving the air throttle(s)(32) and means (50,52) for transmitting a force and/or torque to the drive axis (28) connected to the air throttles (32). Said fixing bar (16) provided with different air throttles(12) is usable for the ventilation pipes having different cross sections and forms, an angle 0), preferably, ranging from 15Â° to 90Â°, with a longitudinal axis (L) or with a wall (18) of said ventilation pipe (12).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.1141/KOLNP/2006 A
(43) Publication Date : 27/04/2007

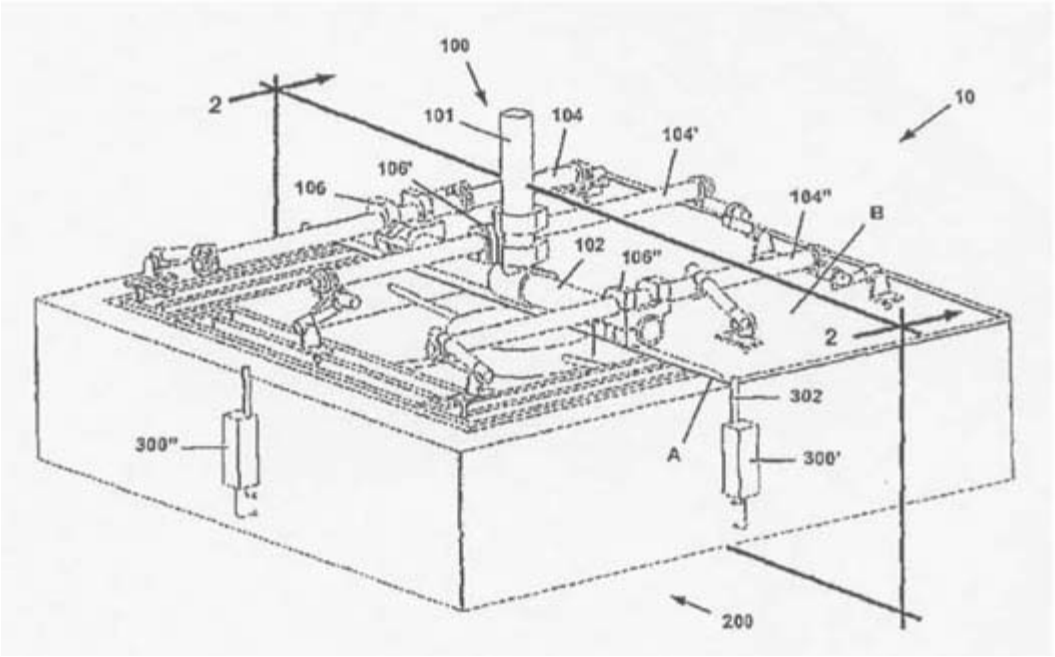
(54) Title of the invention : APPARATUS AND METHOD FOR HOLDING MATERIALS FOR THE FORMING AND JOINING THEREOF

(51) International classification :B29C 33/00
(31) Priority Document No :60/511,648
(32) Priority Date :15/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034238
Filing Date :15/10/2004
(87) International Publication No :WO/2005/037517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 26
No of Claims : 30

(57) Abstract :
A machine cell (10)for the forming and joining of a first sheet material (A) to a second sheet material (B) includes an upper gate (100) and a lower nest (200). The lower nest (200) includes a vacuum pad (208) having a recessed channel (210) defined therein. A vacuum system (204) is fluidly connected to the recessed channel (210) to hold the first sheet material (A) to the lower nest (200) during the joining of the first and second sheet materials (A, B). The machine cell (10) further includes an arrangement for aligning the first sheet material to the second sheet material.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1142/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : STETHOSCOPE HEAD

(51) International classification :A61B7/00
(31) Priority Document No :PCT/JP2005/007425
(32) Priority Date :19/04/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/007425
Filing Date :19/04/2005
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 18
No of Claims : 12

(57) Abstract :
To provide a stethoscope provided with two head portions for fitting two diaphragms different in caliber on a head main portion, having diverse design properties and function properties. A stethoscope head comprising a head main portion and a conduit connecting portion provided on the head main portion, wherein said head main portion comprises a main head portion and a sub-head portion formed from a transparent or semitransparent element formed in the opposite direction each other with the pipe connecting port put there between; the main head portion comprises a transparent or semitransparent main diaphragm connected to the conduit connecting port, and the sub-head portion is provided with spaces for receiving the sub-diaphragm for high frequency and or narrow area stethoscope or various functions, and is provided with mounting means for mounting the sub-diaphragm or the apparatus on the sub-head portion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1143/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CABLE WITH SEPARATE SHEET ATTACHED

(51) International classification :H01B 11/04
(31) Priority Document No :60/516,007
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034073
Filing Date :14/10/2004
(87) International Publication No :WO 2005/045855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FORD, KEITH
4)GROSH, JOHN W.
5)STUTZMAN, SPRING
6)ANDERSON, ROGER
7)WIEKHORST, DAVID
8)JOHNSTON, FRED

No of Pages : 58
No of Claims : 40

(57) Abstract :
The present invention relates to cables made of twisted conductor pairs. More specifically, the present invention relates to twisted pair communication cable for high speed data communication applications. A twisted pair including at least two conductors extends along a generally longitudinal axis, with an insulation surrounding each of the conductors. The conductors are twisted generally longitudinally along the axis. A cable includes at least two twisted pairs and a filler. At least two of the cables are positioned along generally parallel axes for at least a predefined distance. The cables are configured to efficiently and accurately propagate high-speed data signals by, among other functions, limiting at least a subset of the following; impedance deviations, signal attenuation, and alien crosstalk along with predefined distance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006
(21) Application No.1144/KOLNP/2006 A
(43) Publication Date : 27/04/2007

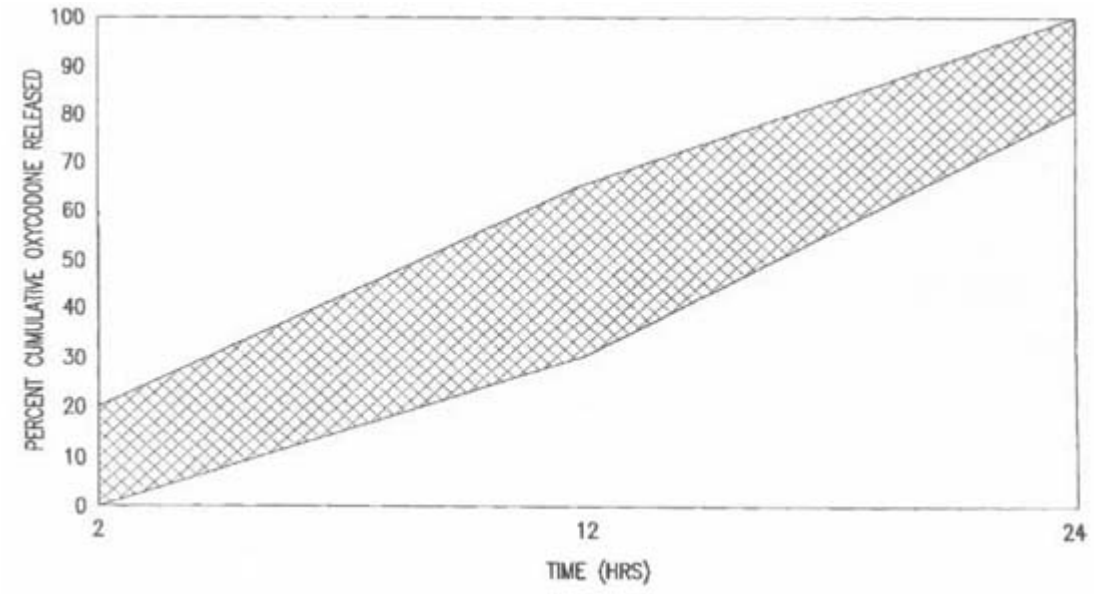
(54) Title of the invention : ONCE-A-DAY, ORAL, CONTROLLED-RELEASE, OXYCODONE DOSAGE FORMS

(51) International classification :A61K9/00
(31) Priority Document No :60/515,880
(32) Priority Date :29/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/036132
Filing Date : 28.10.2004
(87) International Publication No :WO/2005/041968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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No of Pages : 77
No of Claims : 53

(57) Abstract :
Oxycodone formulations are provided which produce substantially flat in vivo steady state plasma profiles. Tolerance levels associated with such profiles and tolerance levels associated with biphasic profiles are shown not to be statistically different. The substantially flat in vivo steady state plasma profiles are produced by dosage forms having substantially zero order in vitro release profiles. Such release profiles produce low single dose in vivo Cmax levels which can reduce the probability of adverse side effects.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006
(21) Application No.1145/KOLNP/2006 A
(43) Publication Date : 27/04/2007

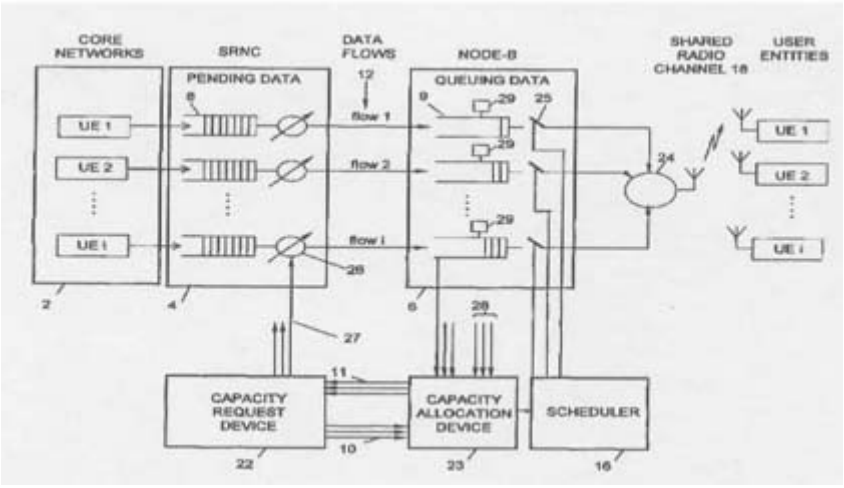
(54) Title of the invention : COORDINATED DATA FLOW CONTROL AND BUFFER SHARING IN UMTS

(51) International classification :H04L12/56; H04L12/28
(31) Priority Document No :03103688.2
(32) Priority Date :06/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/011106
Filing Date :05/10/2004
(87) International Publication No :WO/2005/041493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SUNELL, Kal-Erik
3)JOHANSSON, Niklas

No of Pages : 36
No of Claims : 9

(57) Abstract :
The invention describes a flow control method to control HS-DSCH data streams over UTRAN Iub and Iur interfaces. Two credit assignment schemes are also described. A radio network node at which the flow control method executes is proposed. Finally a computer program product for execution of the flow control method and the credit assignment schemes is described. The control of separate user data flows is coordinated by Node-B and data transport over the Iub and Iur interfaces is adapted to data transfer over the Uu interface. The main advantage is that buffering can be primarily maintained in SRNC. It is shown that the proposed flow control method can significantly reduce Node-B"s buffer level when compared to a scheme where the control of individual data flows is performed independently of each other. It is also shown that the negative impact on the quantity of flowing data is generally minor. (Figure 5) 27



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1146/KOLNP/2006 A
(43) Publication Date : 27/04/2007

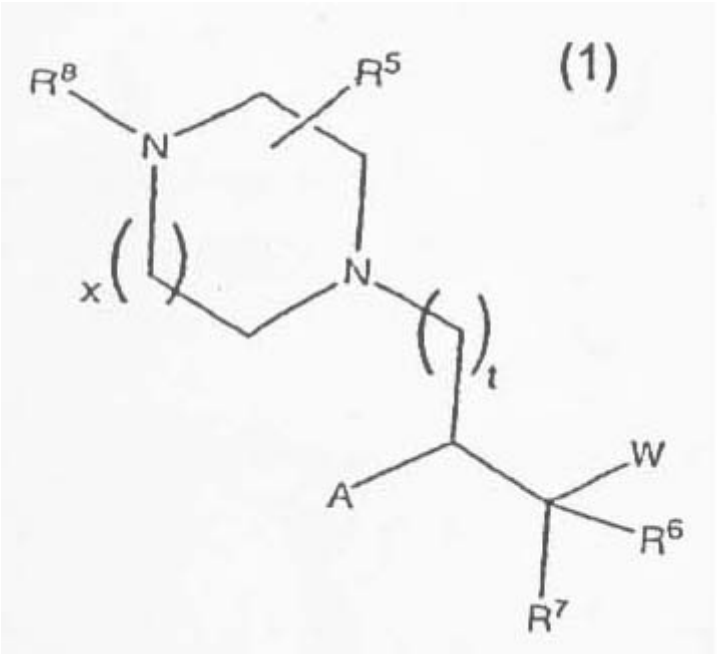
(54) Title of the invention : FUSED-ARYL AND HETEROARYL DERIVATIVES AND METHOD OF THEIR USE

(51) International classification :A61K 31/496
(31) Priority Document No :60/510,811
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033671
Filing Date :13/10/2004
(87) International Publication No :WO/2005/037283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)KRIM, LORI, DANIELLE
4)SABATUCCI, JOSEPH, PETER
5)STACK, GARY, PAUL

No of Pages : 327
No of Claims : 38

(57) Abstract :
The present invention is directed to fused-aryl and heteroaryl derivatives of formula I, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fibromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibrornyalgia, pain, diabetic neuropathy, and combinations thereof. FORMULA



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1147/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : MICRO MECHANICAL METHODS AND SYSTEMS FOR PERFORMING ASSAYS

(51) International classification	:G01N
(31) Priority Document No	:60/515,731
(32) Priority Date	:29/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036031
Filing Date	:29/10/2004
(87) International Publication No	:WO/2005/043120
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 22
No of Claims : 27

(57) Abstract :
The present invention provides a micro mechanical system for performing assays for determining the presence of one or more selected analytes in a sample. The device comprises of a base and a disposable strip with at least one reaction well and at least one moveable member capable of moving fluids and parts through the fluids in a defined reaction well. Reagents in the reaction chambers and or the moveable members, react with the sample to yield a physically detectable change. The moveable parts are capable of executing motions that either mix, move reaction components, exchange or systematically deliver reagents to targets in the cartridge. Sensors in the base are configured to detect and or quantify the presence of a sample in the reaction well and of analytes in the sample. The signal is converted to an output on a visual display window on the external part of the base.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006
(21) Application No.1148/KOLNP/2006 A
(43) Publication Date : 27/04/2007

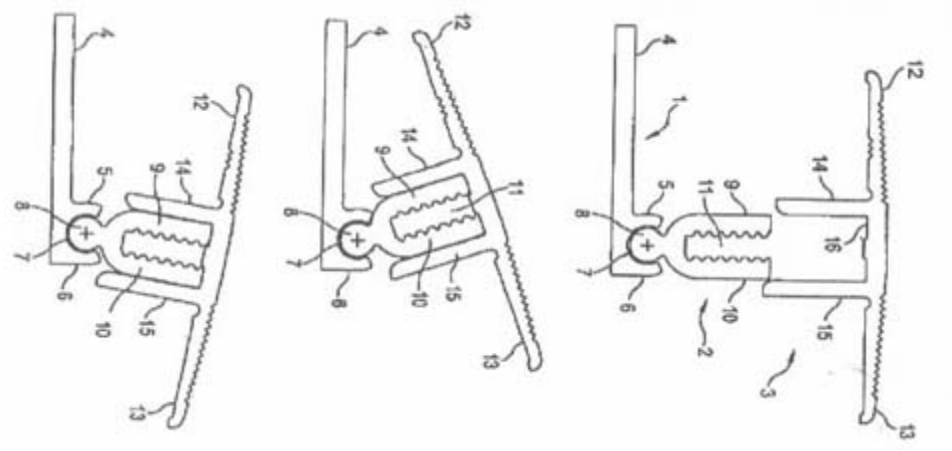
(54) Title of the invention : FLOOR PROFILE ARRANGEMENT COMPRISING A JOINT

(51) International classification :E04F19/06
(31) Priority Document No :103 49 932.6
(32) Priority Date :24/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/010456
Filing Date :17/09/2004
(87) International Publication No :WO/2005/049938
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HERM, FRIEDR. KUNNE GMBH & CO.
Address of Applicant :ROMERWEG 9, 58513 LUDENSCHEID Germany
(72)**Name of Inventor :**
1)SONDERMANN, FRANK

No of Pages : 30
No of Claims : 29

(57) Abstract :
Disclosed is a floor profile arrangement, particularly for bridging a gap between adjacent floor coverings. Said floor profile arrangement comprises a base profile (1), a covering profile (3) that is provided with at least one laterally protruding covering wing (12, 13), a web arrangement (2) which acts as a connection between the base profile (1) and the covering profile (3), and a joint arrangement (7, 8). The joint arrangement is composed of a socket (7) that is disposed on the base profile (1) or the covering profile (3) and a joint member (8) which is embodied on the bottom or top edge of the pivotable web arrangement (2).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006
(21) Application No.1149/KOLNP/2006 A
(43) Publication Date : 27/04/2007

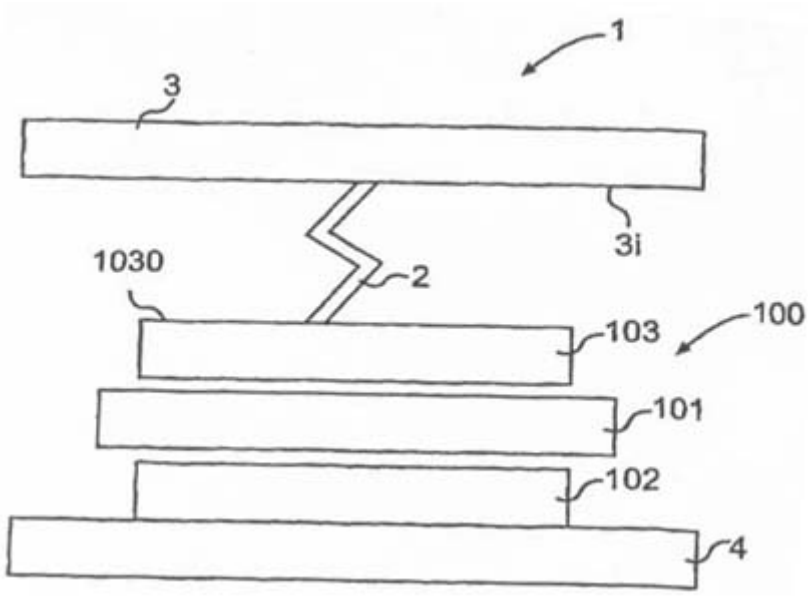
(54) Title of the invention : METHOD AND DEVICES FOR CONTROLLING PRESSURE THROUGH COMPLIANT ELEMENT IN REACTIVE MULTILAYER JOINING AND PRODUCT JOINED ACCORDING TO THIS METHOD

(51) International classification :B23K 1/00
(31) Priority Document No :60/516,755
(32) Priority Date :04/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036490
Filing Date :03/11/2004
(87) International Publication No :WO/2005/046921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REACTIVE NANOTECHNOLOGIES, INC.
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(72)**Name of Inventor :**
1)VAN HEERDEN, DAVID
2)NEWSON, JESSE
3)RUDE, TIMOTHY
4)KNIO, OMAR M.
5)WEIHS, TIMOTHY, P.

No of Pages : 40
No of Claims : 40

(57) Abstract :
The invention includes a method of joining two components (102 103). The Method includes providing al least two components (102, 103) to be joined, a reactive multilayer foil (101), and a compliant element (2), placing the reactive multilayer foil (101) between the at least two components (102, 103), applying pressure on the two components (102, 103) in contact with the reactive multilayer foil (101) via the compliant element (2), and initiating a chemicaJ transformation of the reactive multilayer foil (101) so as to physically join the at least two components (102, 103). The invention also includes two components (102, 103) joined using the aforementioned method.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1150/KOLNP/2006 A
(43) Publication Date : 27/04/2007

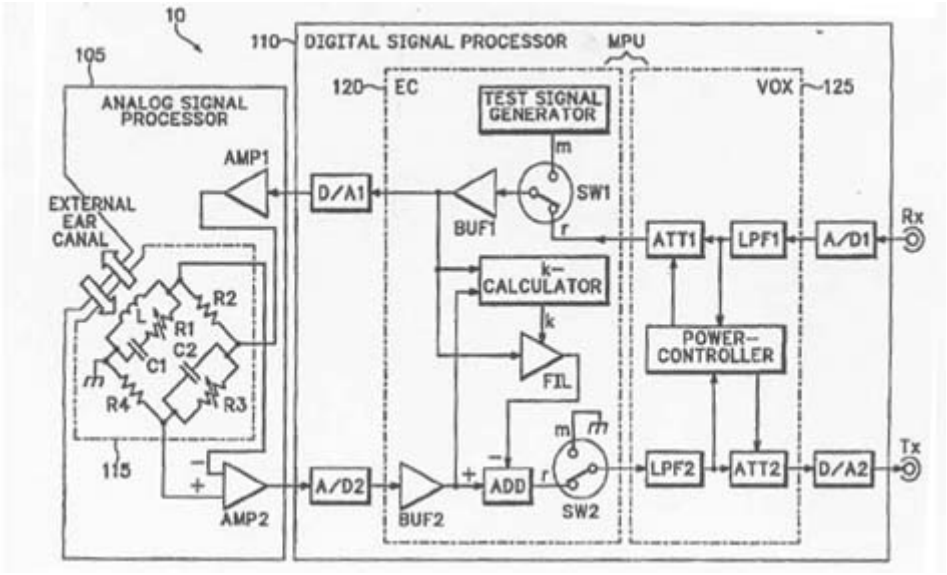
(54) Title of the invention : TWO-WAY COMMUNICATIONS DEVICE HAVING A SINGLE TRANSDUCER

(51) International classification :H04M 1/00
(31) Priority Document No :60/519,195
(32) Priority Date :11/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037409
Filing Date :10/11/2004
(87) International Publication No :WO 2005/048572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MATECH, INC.
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(72)**Name of Inventor :**
1)MASUDA, MASAHISA

No of Pages : 43
No of Claims : 45

(57) Abstract :
Embodiments of the invention provide a small and economical two-way communications device that has both an excellent echo-cancellation function that substantially suppresses echoes over the entire frequency range and an excellent voice-operated exchange function that provides natural switching of conversation sounds while protecting against unnatural disconnection or echoes during conversation, even when a reception signal and a transmission signal are superimposed in a single transducer.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006
(21) Application No.1151/KOLNP/2006 A
(43) Publication Date : 27/04/2007

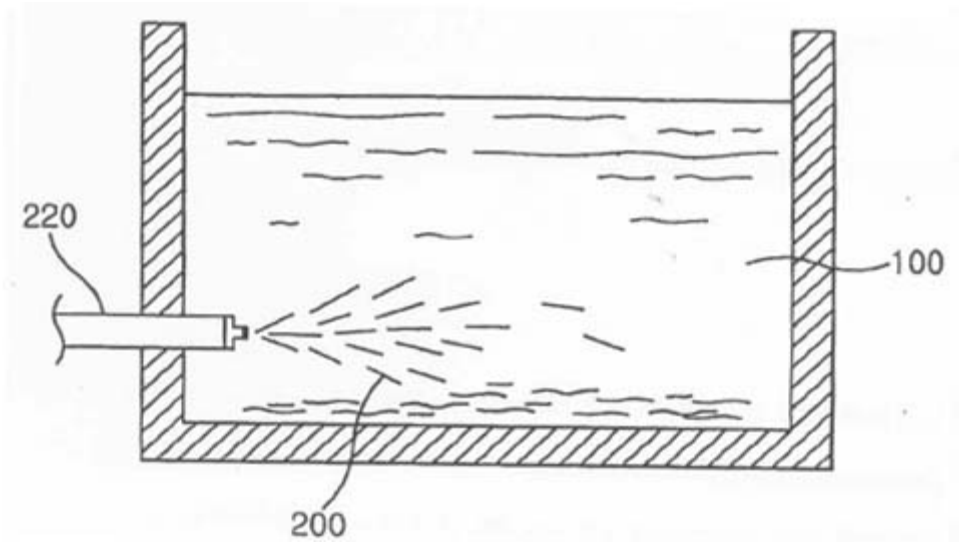
(54) Title of the invention : PULP AND PAPER MADE FROM RHODOPHYTA AND MANUFACTURING METHOD THEREOF

(51) International classification :D21H 17/21
(31) Priority Document No :10-2003-0080330
(32) Priority Date :13/11/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002939
Filing Date :12/11/2004
(87) International Publication No :WO 2005/047598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PARK JUN-HYUK
(72)**Name of Inventor :**
1)YOU HACK-CHURL

No of Pages : 21
No of Claims : 19

(57) Abstract :
Disclosed is a method of manufacturing pulp and paper using Rhodophyta, including immersing Rhodophyta in an extraction solvent able to dissolve agar gel for a predetermined time period to dissolve the agar gel in the extraction solvent, reacting the dissolved agar gel with a reaction solvent to be converted into a fiber, curing the fiber using a curing agent, and pulping the cured fiber. The method of the current invention is advantageous because of lower manufacturing costs, due to eliminating the need to purchase wood. Further, the use of chemicals for lignin removal and bleaching drastically decreases, thus preventing environmental contamination. Furthermore, since a final product does not contain harmful chemicals, humans and the environment are not negatively affected.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1152/KOLNP/2006 A
(43) Publication Date : 27/04/2007

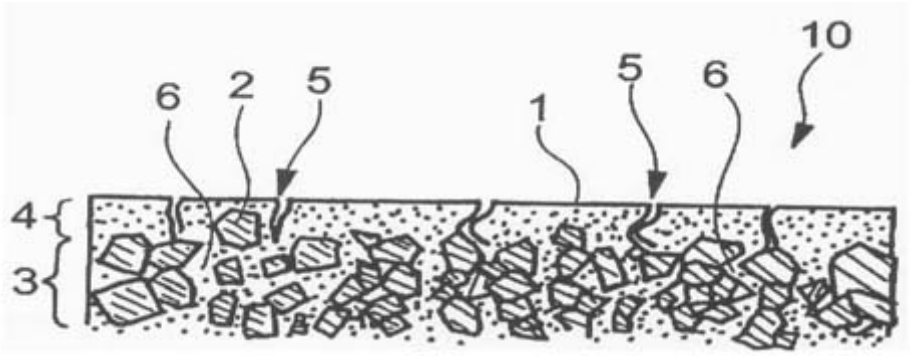
(54) Title of the invention : SECONDARY BATTERY-USE ELECTRODE AND PRODUCTION METHOD THEREFOR AND SECONDARY BATTERY

(51) International classification	:H01M 4/02, H01M 4/24
(31) Priority Document No	:2003-406484
(32) Priority Date	:04/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/017352
Filing Date	:22/11/2004
(87) International Publication No	:WO 2005/055345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUI MINING & SMELTING CO., LTD.
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(72)**Name of Inventor :**
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2)MUKAI, DAISUKE
3)MATSUSHIMA, TOMOYOSHI
4)TAGUCHI, TAKEO

No of Pages : 47
No of Claims : 17

(57) Abstract :
An electrode used as an anode or a cathode for a secondary battery. The electrode is in contact with an electrolyte, includes a pair of front and rear surfaces having conductivity, and is provided between the surfaces thereof with an active material layer including active material particles. It further has many fine pores opened in the surfaces and communicating with the active ' material layer. A current collecting surface layer preferably has a thickness of 0.3-20 (Âµ m. The active material layer is preferably formed by coating conductive slurry containing active material particles. The current collecting surface layer is preferably formed by electro-plating.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1153/KOLNP/2006 A
(43) Publication Date : 27/04/2007

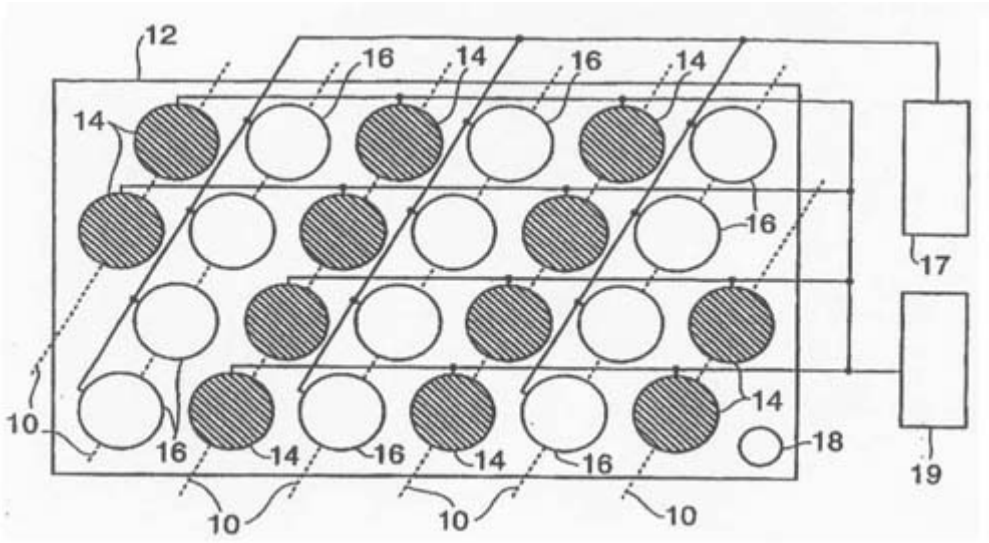
(54) Title of the invention : ULTRASONIC PROCESSING METHOD AND APPARATUS WITH MULTIPLE FREQUENCY TRANSDUCERS

(51) International classification	:B01J
(31) Priority Document No	:60/517,501
(32) Priority Date	:05/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/037177
Filing Date	:05/11/2004
(87) International Publication No	:WO 2005/044440
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOODSON MICHAEL J

No of Pages : 16
No of Claims : 17

(57) Abstract :
Ultrasonic processing apparatus and methods are disclosed, which includes multiple transducers of at least two different resonant frequencies supplying ultrasonic energy to a liquid filled tank containing components to be cleaned or processed ultrasonically. The transducers are arranged in equilateral triangular patterns along diagonal lines on a wall of the tank so that each transducer has an adjacent transducer of a different frequency. Alternatively, the apparatus includes one or more rod transducers having different resonant frequencies so that the apparatus provides a mixture of various frequencies of ultrasonic energy to the tank. Another aspect of the invention involves selecting transducers with different resonant frequencies that are outside an excluded subrange, and powering the transducers by a driving signal that sweeps through the resonant frequencies of the transducers and the excluded subrange.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1154/KOLNP/2006 A
(43) Publication Date : 27/04/2007

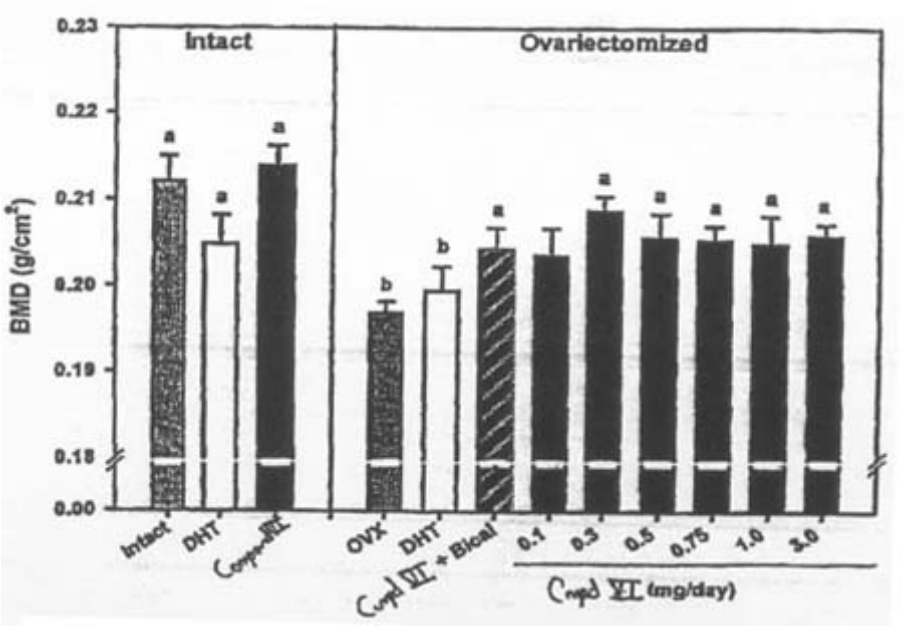
(54) Title of the invention : TREATING BONE-RELATED DISORDERS WITH SELECTIVE ANDROGEN RECEPTOR MODULATORS

(51) International classification :C07F 7/22
(31) Priority Document No :60/510,138
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033395
Filing Date :12/10/2004
(87) International Publication No :WO 2005/037201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MILLER DUANE D
3)STEINER MITCHELL S
4)VEVERKA KAREN A
5)KEARBY JEFFREY

No of Pages : 113
No of Claims : 10

(57) Abstract :
: This invention provides method of treating, preventing, suppressing, inhibiting, or reducing the risk of developing a bone-related disorder, for example osteoporosis, osteopenia, increased bone resorption, bone fracture, boot frailty and/or loss of bone mineral density (BMD), by administration of a therapeutically effective amount of a selective androgen receptor modulator (SARM) and/or its analogue, derivative, isomer, metabolite pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide, or any combination thereof. The invention also provides methods of decreasing fat mass (FM) and increasing lean mats, comprising administering:



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2006

(21) Application No.1155/KOLNP/2006 A
(43) Publication Date : 27/04/2007

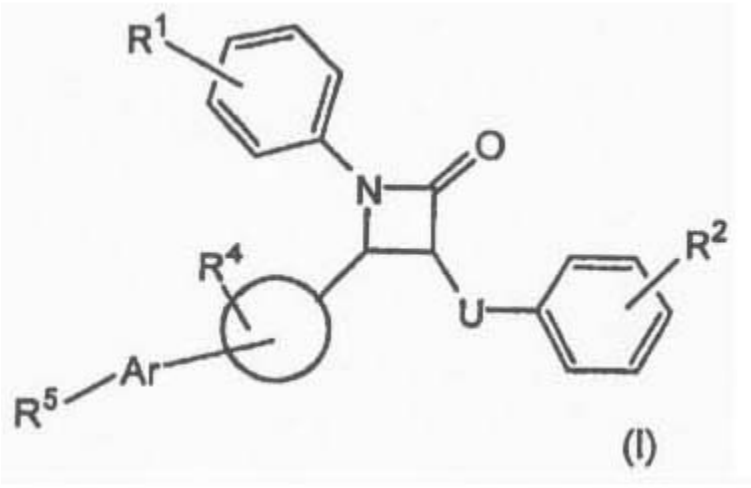
(54) Title of the invention : 4-BIARYL YL-1-PHENYLAZETIDIN-2-ONES

(51) International classification :A61K 31/397
(31) Priority Document No :60/518,698
(32) Priority Date :10/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037715
Filing Date :10/11/2004
(87) International Publication No :WO/2005/047248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)ANTONELLI, STEPHEN
4)BARDEN, TIMOTHY, C
5)LUNDRIGAN-SOUCY, REGINA
6)SCHAIRER, WAYNE,C
7)YANG, JING-JING
8)ZIMMER, DANIEL, P.

No of Pages : 226
No of Claims : 94

(57) Abstract :
4-Biarylyl-1-phenylazetidin-2-ones useful for the treatment of hypercholesterolemia are disclosed. The compounds are of a general formula (I) in which formula (II) represents an aryl or heteroaryl residue, Ar represents an aryl residue; U is a two to six atom chain; and the R"s represent substituents.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006

(21) Application No.1156/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DIHYDROBENZOFURANYL ALKANAMINE DERIVATIVES AS 5HT2C AGONISTS

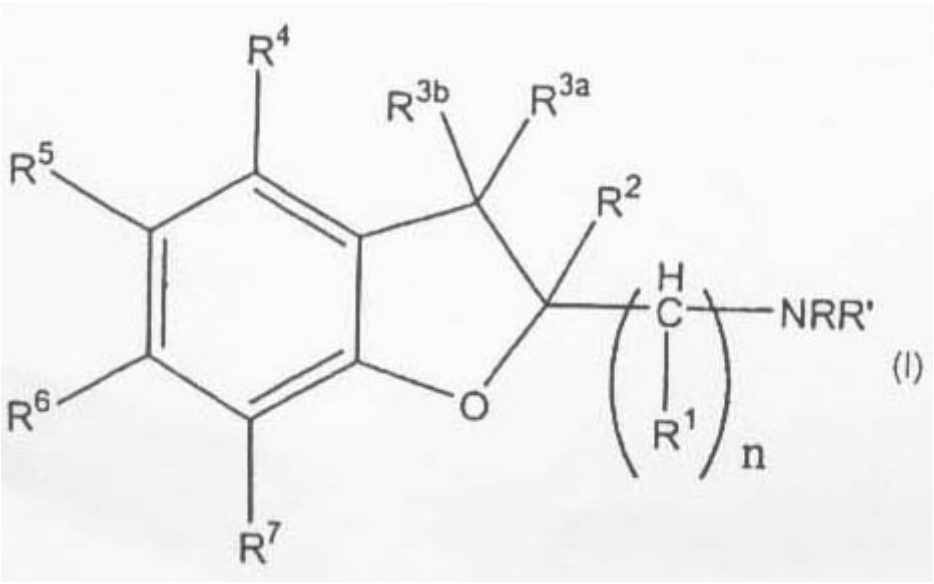
(51) International classification :C07D 417/12
(31) Priority Document No :60/514,454
(32) Priority Date :24/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035280
Filing Date :22/10/2004
(87) International Publication No :WO/2005/044812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A.
(72)**Name of Inventor :**
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2)WILLIAMS, MARLA, JEAN
3)STACK, GARY, PAUL
4)GAO, HONG
5)ZHOU, DAHUI

No of Pages : 348

No of Claims : 46

(57) Abstract :
Compounds of Formula (I) or pharmaceutically acceptable salts thereof are provided: Formula (I) which are agonists or partial agonists of the 2C subtype of brain serotonin receptors. The compounds, and compositions containing the compounds, can be used to treat a variety of central nervous system disorders such as schizophrenia.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1157/KOLNP/2006 A
(43) Publication Date : 27/04/2007

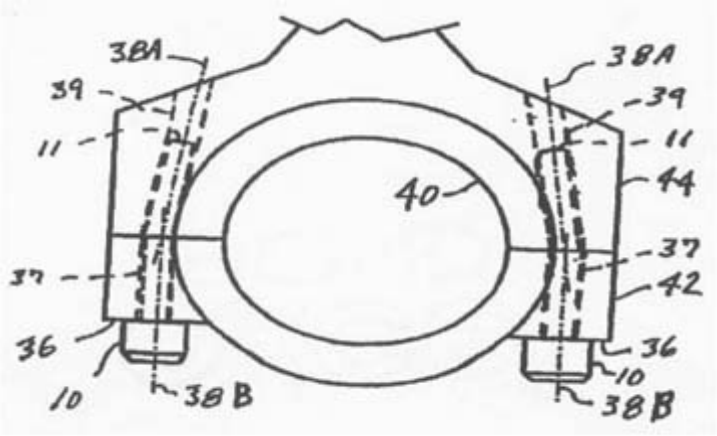
(54) Title of the invention : FASTENER PRE-STRESSING JOINT

(51) International classification :F16L 15/06
(31) Priority Document No :60/516,488
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035796
Filing Date :28/10/2004
(87) International Publication No :WO/2005/045262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GKN SINTER METALS, INC.
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(72)**Name of Inventor :**
1)KNOTT, HENRY, J.

No of Pages : 16
No of Claims : 8

(57) Abstract :
Fastener joints induce static pre-stresses into a fastener that clamps the joint in a magnitude equal and direction opposite from bending stresses induced in the fastener by application loading. Such joints include angling the bolts seats of a connecting rod bearing cap inwardly, creating a relief at the bolted interface between the cap and the rod adjacent to the main bore of the connecting rod or skewing the threaded holes in the rod body inwardly as they extend from the bolted joint faces.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1158/KOLNP/2006 A
(43) Publication Date : 27/04/2007

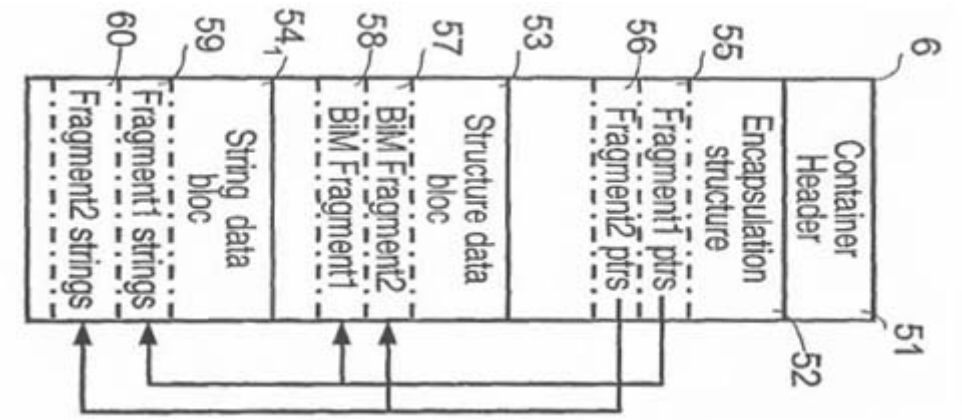
(54) Title of the invention : METHOD FOR COMPRESSING AND DECOMPRESSING STRUCTURED DOCUMENTS

(51) International classification :H03M 7/30
(31) Priority Document No :60/517,886
(32) Priority Date :07/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/012627
Filing Date :08/11/2004
(87) International Publication No :WO/2005/046059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :16, RUE VAUTHIER LE NOIR, F-51100 REIMS France
(72)**Name of Inventor :**
1)THIENOT CEDRIC
2)DURANT GWENAEL

No of Pages : 17
No of Claims : 11

(57) Abstract :
A method for encoding a group of several structured fragments comprising steps of: analyzing structure schemas of the fragments in order to obtain sequences of executable instructions for each component of the schemas, comprising instructions for inserting into a bit stream control codes representing the structure of the fragments and values of information elements, executing the instruction sequences on the structured fragments so as to obtain an encoded binary stream containing the control codes and the information elements values of the fragments, inserting the control codes of the fragments into a structure bloc (53), distributing the values of the information elements of the fragments in data blocs (54) as a function of the respective types of the elements, storing in a pointer table (52) for each fragment, the respective positions in the structure bloc and in the data blocs of the control codes and the information element values of the fragment, applying to the blocs compression algorithms adapted to the contents thereof, and concatenating into an encoded binary container the contents of the pointer table and data blocs.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1159/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : AGENT AND METHOD FOR TREATING CANCER COMPRISING STRONTIUM, AMINO ACIDS(S) AND MINERAL AGENT(S)

(51) International classification :A61K 31/198
(31) Priority Document No :03103850.8
(32) Priority Date :17/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/FI2004/000618
Filing Date :15/10/2004
(87) International Publication No :WO 2005/037295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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No of Pages : 15
No of Claims : 10

(57) Abstract :
The invention relates to the treatment and prophylaxis of cancer. In particular, the invention relates to a pharmaceutical agent comprising strontium, amino acid(s) and mineral element(s), and its use in the preparation of an agent useful for the treatment and prophylaxis of cancer. The invention also relates to a method for treatment and prophylaxis of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1160/KOLNP/2006 A
(43) Publication Date : 27/04/2007

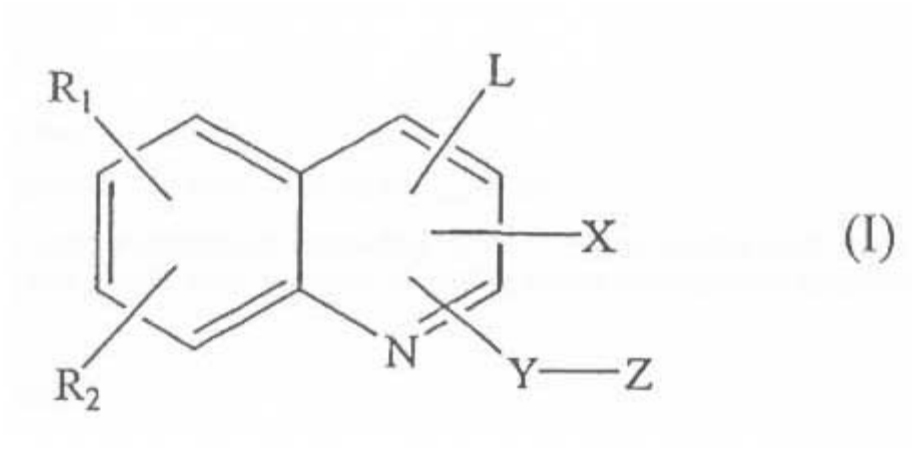
(54) Title of the invention : METHOD AND COMPOSITIONS FOR SELECTIN INHIBITION

(51) International classification :C07D215/20
(31) Priority Document No :60/518,950
(32) Priority Date :10/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037334
Filing Date :09/11/2004
(87) International Publication No :WO 2005/047257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DEBERNARDO, SILVANO, L.
3)JANZ, KRISTIN, M
4)CAMPHAUSEN, RAYMOND ,T.
5)BEDARD, PATRICIA, W

No of Pages : 59
No of Claims : 37

(57) Abstract :
The present invention relates to the field of anti-inflammatory substances, and more particularly to novel compounds that act as antagonists of the mammalian adhesion proteins known as selectins. In some embodiments, methods for treating sclectin mediated disorders are provided which include administration of compound of Formula: (I) wherein the constituent variables are defined herein.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006

(21) Application No.1161/KOLNP/2006 A
(43) Publication Date : 27/04/2007

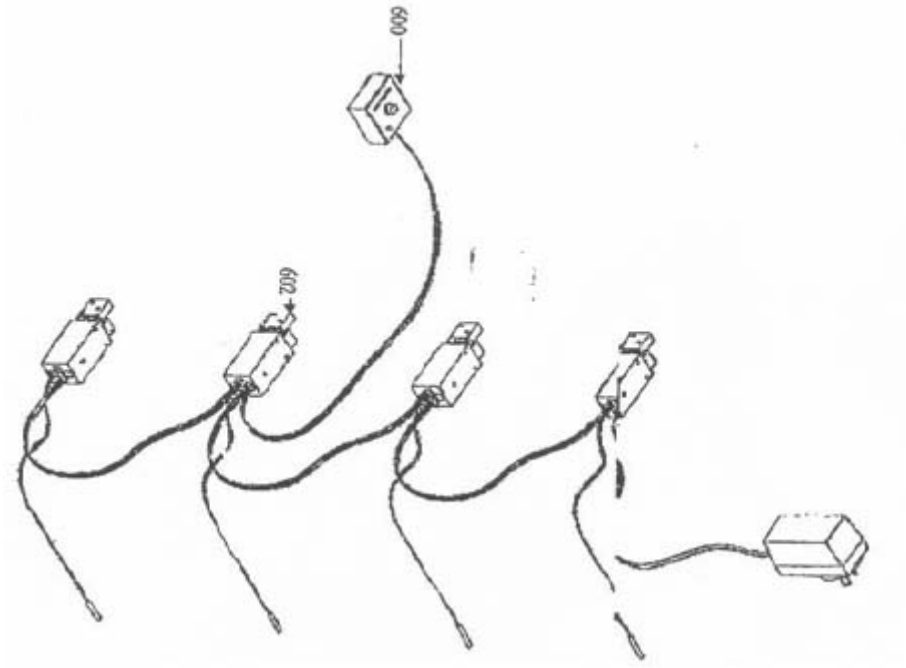
(54) Title of the invention : "CHILD SAFETY LOCK SYSTEM".

(51) International classification	:E05B65/00
(31) Priority Document No	:529152
(32) Priority Date	:23/10/2003
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ2004/000263
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040530
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NYE-HINGSTON, MATTHEW RICHARD
2)HINGSTON, NEIL RICHARD

No of Pages : 23
No of Claims : 10

(57) Abstract :
A series of locks are described for preventing child access to cupboards and the like. The locks are preferably concealed and are opened by a proximity of a remote actuator, for example a magnet actuating a reed switch. An override or master switch may also be used to open all locks, for example, for a set period while employing a dishwasher.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1162/KOLNP/2006 A
(43) Publication Date : 27/04/2007

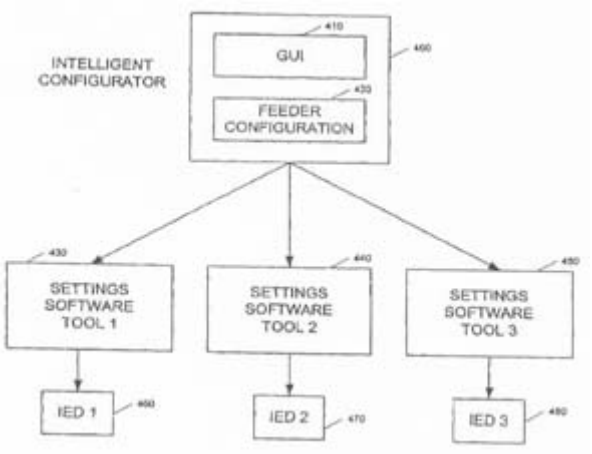
(54) Title of the invention : AUTOMATED INTELLIGENT CONFIGURATION TOOL FOR POWER SYSTEM PROTECTION AND CONTROL AND MONITORING DEVICES

(51) International classification :G05B 19/042
(31) Priority Document No :10/699,920
(32) Priority Date :03/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/003901
Filing Date :02/11/2004
(87) International Publication No :WO 2005/043712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MACIAS JUAN
3)SCHERRER KORNEL
4)LUBKEMAN, DAVID

No of Pages : 45
No of Claims : 42

(57) Abstract :
An automatic configuration tool for use with power protection and restoration devices such as reclosers and switches in power transmission and distribution systems. An automatic configuration application provides a plurality of menus to a user on a graphical user interface to enable the user to select a plurality of options that are processed by various calculation engines to determine the configuration settings for a specific power protection and restoration device. The configuration settings that are generated are downloaded directly into the power protection and restoration device to provide protection, control and monitoring.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006

(21) Application No.1163/KOLNP/2006 A
(43) Publication Date : 27/04/2007

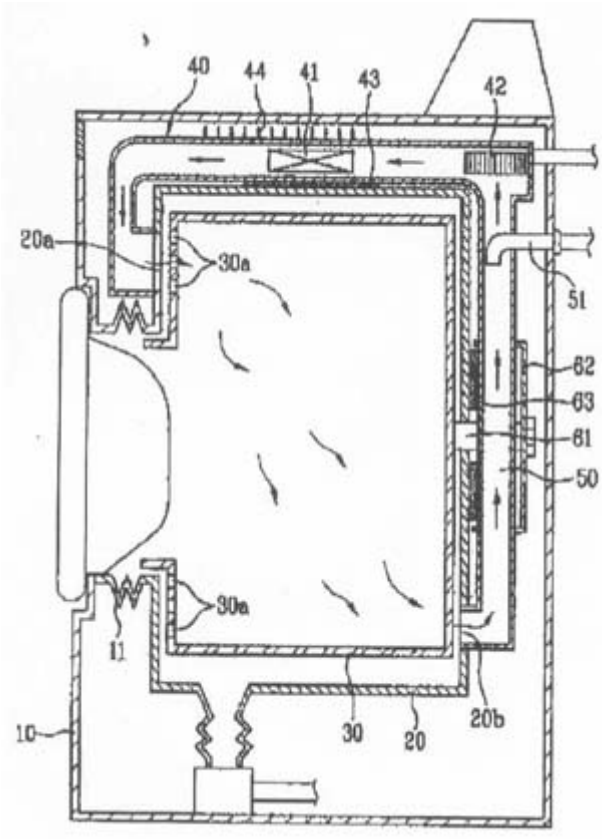
(54) Title of the invention : DRUM TYPE WASHING MACHINE WITH LAUNDRY DRYING FUNCTION

(51) International classification :D06F 58/02
(31) Priority Document No :10-2004-0026738
(32) Priority Date :19/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000808
Filing Date :21/03/2005
(87) International Publication No :WO 2006/004253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM, JAE MUN
2)KIM, KWANG SOO

No of Pages : 17
No of Claims : 24

(57) Abstract :
Drum type washing machine having a laundry drying function including a tub (20) for receiving hot air through a front, and discharging the hot air through a rear, a drum (30) rotatably mounted in the tub (20), a drying duct (40) connected to a hot air inlet hole (20a) in the tub (20) for guiding the hot air to a hot air inlet side of the tub (20), a heater (41) for producing the hot air, and a fan (42) for forced circulation of the hot air to a drum (30) side, and a condensing duct (50) for removing moisture from the hot air from the hot air outlet hole (20b) in a lower portion of the rear of the tub (20), thereby improving a drying efficiency and a drying performance.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006

(21) Application No.1164/KOLNP/2006 A
(43) Publication Date : 27/04/2007

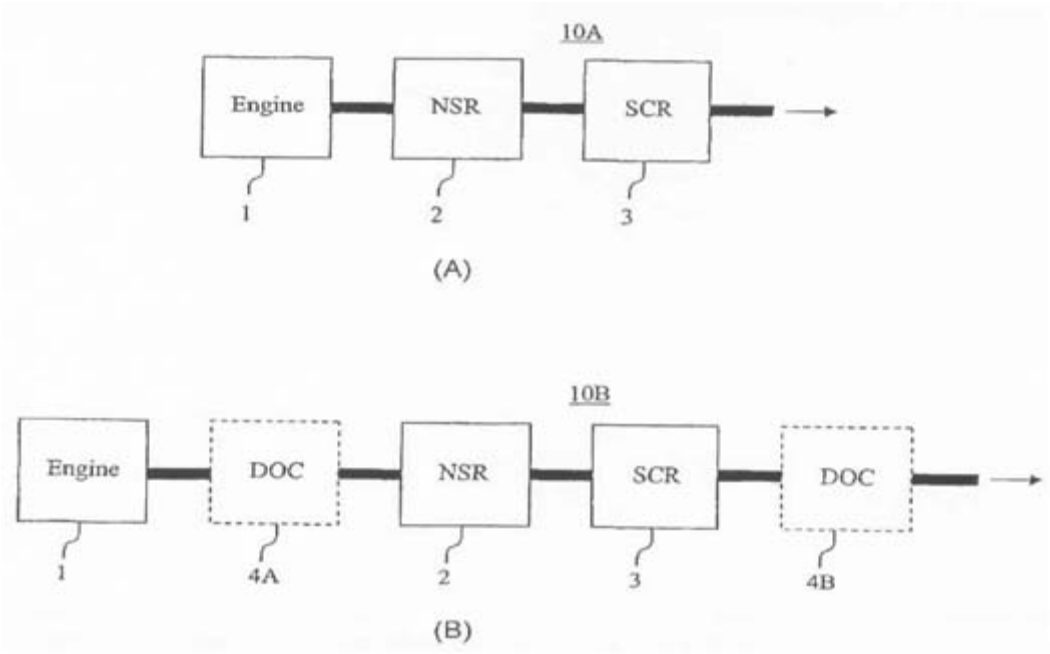
(54) Title of the invention : EMISSIONS TREATMENT SYSTEM WITH NSR AND SCR CATALYSTS

(51) International classification :F01N 3/08
(31) Priority Document No :60/517,137
(32) Priority Date :04/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036723
Filing Date :04/11/2004
(87) International Publication No :WO 2005/047663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DEEBA, MICHEL
3)DETTLING, JOSEPH, CHARLES
4)PATCHETT, JOSEPH, ALLAN
5)ROTH, STANLEY, ALLAN

No of Pages : 31
No of Claims : 15

(57) Abstract :
Provided is an emissions treatment system for an exhaust stream, having a Nox storage reduction (NSR) catalyst with Nox sorbent at a concentration of at least 0.1g/in3 and a platinum group metal component dispersed on a refractory metal oxide support; and an SCR catalyst disposed downstream of the NSR catalyst. The emissions treatment system is advantageously used for the treatment of exhaust streams from diesel engines and lean bum gasoline engines.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006
(21) Application No.1165/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SIZING COMPOSITION FOR AN INSULATION PRODUCT BASED ON MINARAL WOOL, AND RESULTING PRODUCTS

(51) International classification	:C03C25/36; C03C25/24
(31) Priority Document No	:0312973
(32) Priority Date	:05/11/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/050530
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/044750
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)LESIEUR, ISABELLE

No of Pages : 20
No of Claims : 17

(57) Abstract :
The invention relates to a sizing composition for a thermal and/or acoustic insulation product, based on mineral wool, comprising an epoxy resin of the glycidyl ether type, an amine hardener and an accelerator chosen from imidazoles, imidazolines and mixtures thereof. Application to the manufacture of thermal and/or acoustic insulation products having improved mechanical properties after ageing, especially in a wet environment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2006

(21) Application No.1166/KOLNP/2006 A
(43) Publication Date : 27/04/2007

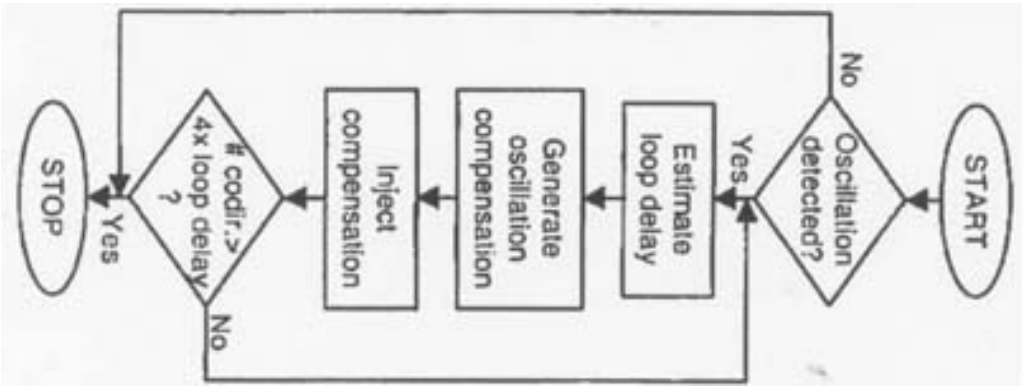
(54) Title of the invention : METHOD AND SYSTEM OF TRANSMISSION POWER CONTROL

(51) International classification	:H04B7/26
(31) Priority Document No	:PCT/SE2003/001559
(32) Priority Date	:07/10/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2003/001559
Filing Date	:07/10/2003
(87) International Publication No	:WO 2005/034380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PETTERSSON, JAN

No of Pages : 36
No of Claims : 64

(57) Abstract :
The present invention relates to cellular mobile radio systems, and more especially it relates to Code Division Multiple Access, CDMA, cellular mobile radio systems, particularly to transmission power control in such systems. A method and apparatus for transmission of compensated TPC commands when a substantial loop delay is experienced for one or more user equipment entities is disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1167/KOLNP/2006 A
(43) Publication Date : 27/04/2007

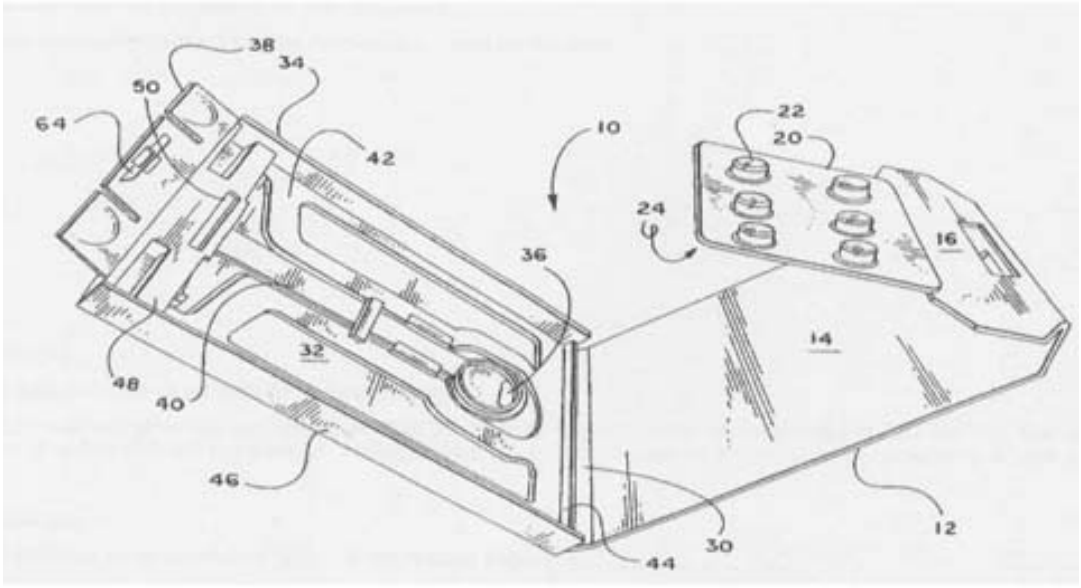
(54) Title of the invention : LOCKABLE CONTAINER

(51) International classification :B65D6/00
(31) Priority Document No :60/511,336
(32) Priority Date :16/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034483
Filing Date :18/10/2004
(87) International Publication No :WO 2005/054062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LE, THANHHUNG
2)FREEZE, TIMOTHY

No of Pages : 15
No of Claims : 11

(57) Abstract :
The present invention relates to a lockable container 10 for detachably connecting and securing a unit dose pack 20. A foldable portion 12 connected to the lockable container allows a unit dose pack 20 or a blister card 72 to be temporarily or permanently attached to a flap 16 or other structure within the container. Similarly, a blister card 70 connected to a lockable container 10 allows a blister pack 20 to be temporarily or permanently mounted to the blister card 70. Also, taught is a method of mounting a blister pack to a blister card. Fig:1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1168/KOLNP/2006 A
(43) Publication Date : 27/04/2007

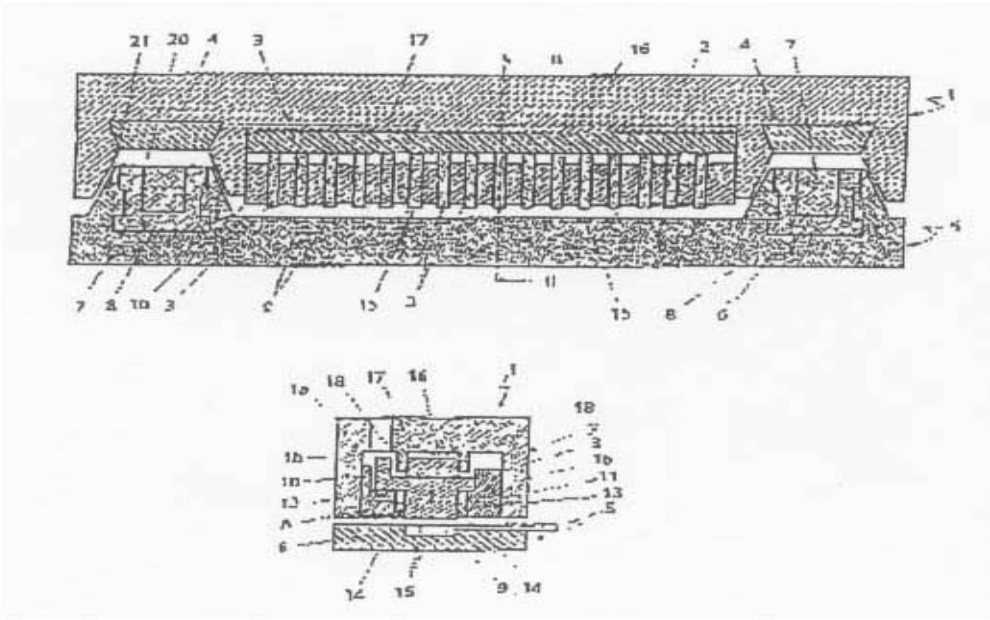
(54) Title of the invention : ELECTRICAL CONNECTOR DEVICE

(51) International classification :H01R13/62
(31) Priority Document No :203 17 436.4
(32) Priority Date :10/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/012302
Filing Date :29/10/2004
(87) International Publication No :WO/2005/046003
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NEIDLEIN HERMANN

No of Pages : 18
No of Claims : 17

(57) Abstract :
The invention relates to an electrical connector device with the following features: a current or data transmission device which may be connected to at least one current, or impulse source, arranged in a transmitter housing and comprising contact elements. A current or data receiving device which may be electrically connected to a user or collector is arranged in a receiver housing and comprises contact elements. A current, impulse or data transfer between the contact elements, embodied as planar contacts with planar connection, may be generated by connecting the current or data transmitting device to the current receiver or data receiver device. A number of contact elements of at least one of both of the devices are adjacently housed in a housing body. The contact elements housed in the housing body have a spring mounting. The contact elements are supported on the side facing away from the contact elements of the other device on a pressure bridge.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1169/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A GASKET, A BIPOLAR BATTERY AND A METHOD FOR MANUFACTURING A BIPOLAR BATTERY WITH SUCH A GASKET

(51) International classification	:H01M 2/08
(31) Priority Document No	:0303012-9
(32) Priority Date	:14/11/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001594
Filing Date	:03/11/2004
(87) International Publication No	:WO/2005/048390
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PUESTER, NIEL
3)FREDRIKSSON, LARS

No of Pages : 42
No of Claims : 41

(57)Abstract :
The present invention relates to a gasket for use in a starved electrolyte bipolar battery The gasket is made from a hydrophobic material in the shape of a frame to prevent the creation of an electrolyte path between adjacent cells when mounted in a battery. The frame is designed to at least partially encompass a biplate when mounted in a bipolar battery, and include means to permit gas passage through the gasket. The gasket is made from a material with deformable properties to provide a sealing to a biplate and/or endplate when mounted in a bipolar battery, whereby an outer pressure tight seal of the battery is obtained. The present invention also relates to a starved electrolyte bipolar battery and a method for manufacturing a starved electrolyte bipolar battery.

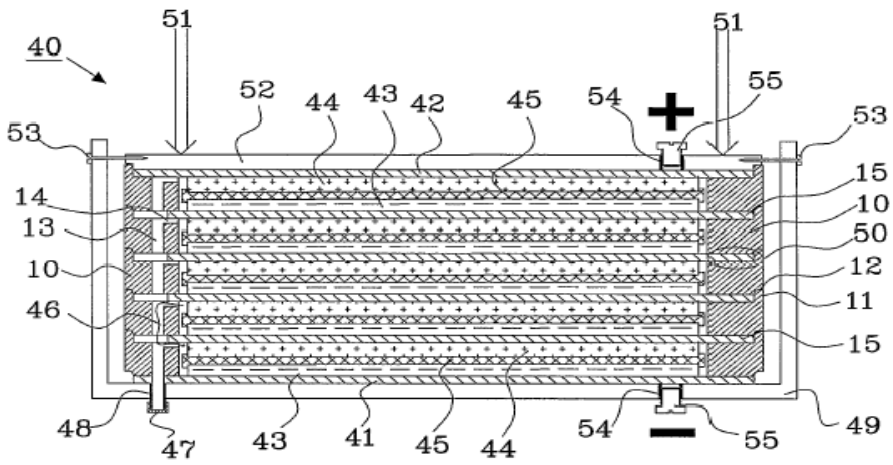


Fig. 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1170/KOLNP/2006 A
(43) Publication Date : 27/04/2007

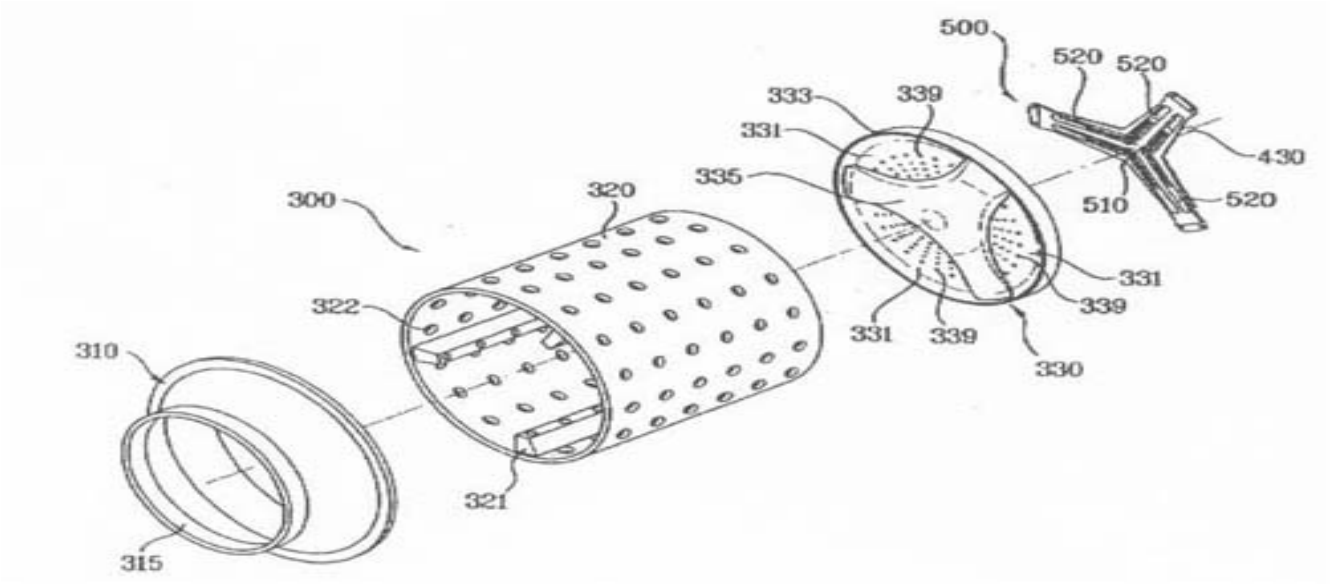
(54) Title of the invention : DRUM ASSEMBLY IN WASHING MACHINE AND METHOD FOR FABRICATING THE SAME

(51) International classification :D06F 21/04
(31) Priority Document No :10-2004-0026795
(32) Priority Date :19/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000443
Filing Date :15/03/2005
(87) International Publication No :WO/2005/100672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AHN IN GEUN

No of Pages : 26
No of Claims : 61

(57) Abstract :
Drum assembly and method for fabricating the same is disclosed, for making a capacity larger and enhancing stiffness and strength. The drum assembly includes a drum (300) for holding laundry, a connector (500) attached to an outside surface of a bottom of the drum, and a driving member (430) coupled to the connector for rotating the drum, wherein the bottom (330) includes an expansion region (331) unoccupied by the connector, the expansion region being protruded toward an outside of the drum, to expand a capacity of the drum. The method includes a first time pressing for pressing a plate for forming a bottom of a drum, for securing a space for expanding a capacity of the drum, and a second time pressing for forming a seat for attaching a connector connecting a driving member and the drum.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1171/KOLNP/2006 A
(43) Publication Date : 27/04/2007

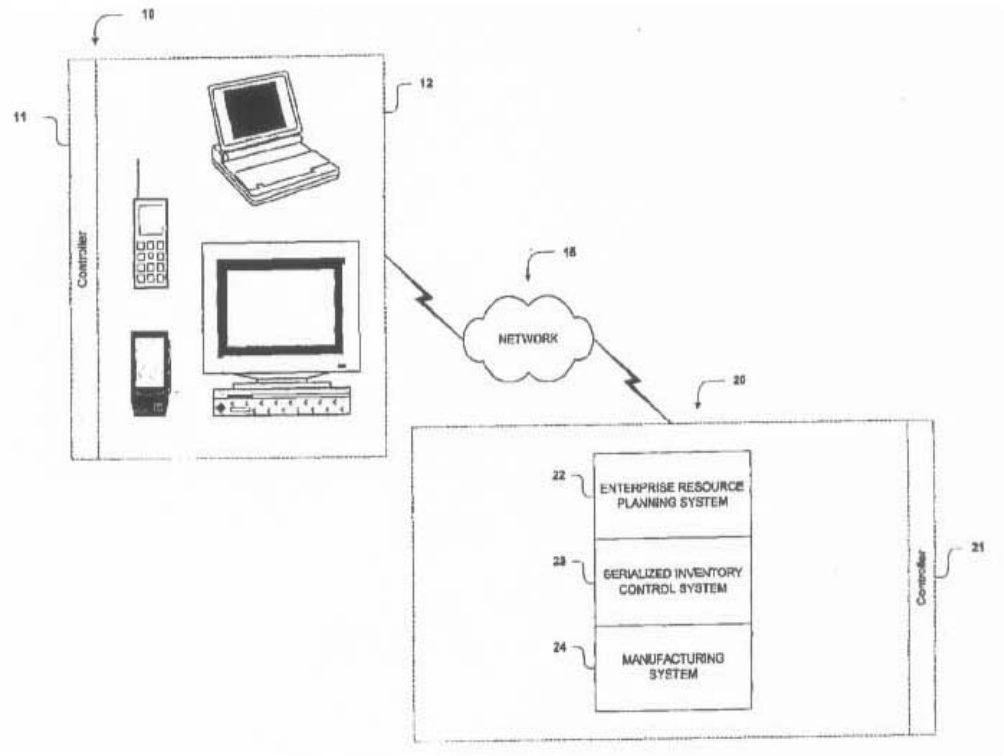
(54) Title of the invention : SERIALIZED INVENTORY CONTROL SYSTEM AND METHOD

(51) International classification :G06F 15/16
(31) Priority Document No :10/696,965
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035727
Filing Date :28/10/2004
(87) International Publication No :WO 2005/045622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CONSTABILEO, JOSEPH, JORDAN

No of Pages : 35
No of Claims : 20

(57) Abstract :
Systems and techniques for tracking inventory include a serialized inventory control system configured to receive serialized information, apply validation rules to the serialized information, flag exceptions to the validation rules, and report the exceptions. The serialized inventory control system includes database logic to check that that serialized information does not exist for an entering inventory item and that serialized information does exist for an exiting nventory item.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1172/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CATALYST AND METHOD FOR PREPARATION THEREOF

(51) International classification :B01J 37/04
(31) Priority Document No :20031734
(32) Priority Date :27/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000713
Filing Date :24/11/2004
(87) International Publication No :WO 2005/051535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)NIEMI, VESA
3)LINBLAD, MARINA

No of Pages : 27
No of Claims : 16

(57) Abstract :
The invention relates to a noble metal catalyst for hydrocarbon conversion, to a method for the preparation thereof based on gas phase technique, to the use of the catalyst in reactions such as ring- opening, isomerisation, alkylation, hydrocarbon reforming, dry reforming, hydrogenation and dehydrogenation reactions, and to a method for the manufacture of middle distillates. Said noble metal catalyst comprises a group VIII metal selected from platinum, palladium, ruthenium, rhodium, indium, or mixtures of combinations thereof on a support, and the catalyst activates carbon monoxide at a temperature below 323 K.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1173/KOLNP/2006 A
(43) Publication Date : 27/04/2007

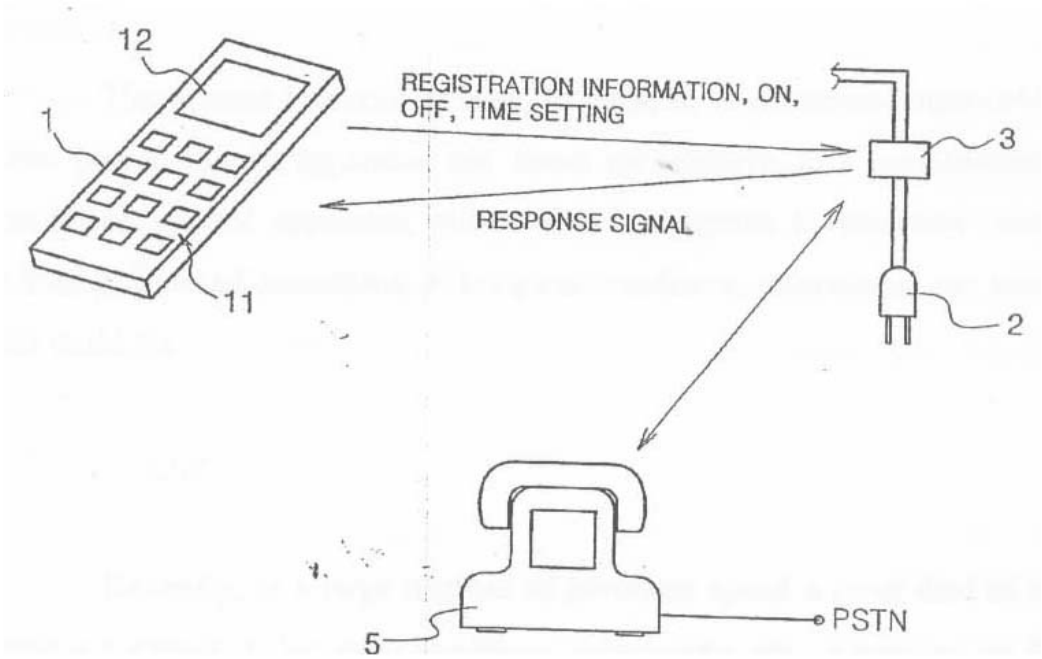
(54) Title of the invention : REMOTE-CONTROLLABLE TIME-BASED POWER CONTROL APPARATUS

(51) International classification :H01R 13/70
(31) Priority Document No :10-2003-081074
(32) Priority Date :17/11/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2003/002796
Filing Date :22/12/2003
(87) International Publication No :WO/2005/048414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM, YOUNG-SOO

No of Pages : 14
No of Claims : 5

(57)Abstract :
The present invention relates to a remote-controllable time-based power control apparatus, which includes a remote controller, which is capable of setting "the operating time of a power plug and has a display unit for displaying the remaining operating time and ON/OFF statuses, and a control means for turning on the power plug for the preset operating time received from the remote controller while communicating with the remote controller in a wireless manner and turning off the power plug to automatically turn off an electronic appliance when time counted by the control means reaches the preset operating time, thus enabling parents to remotely control the operating times of computers, video game machines, televisions, etc. enjoyed by their children. The power control apparatus of the present invention includes a remote controller (I), a power plug (2), and a control means (3).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1174/KOLNP/2006 A
(43) Publication Date : 27/04/2007

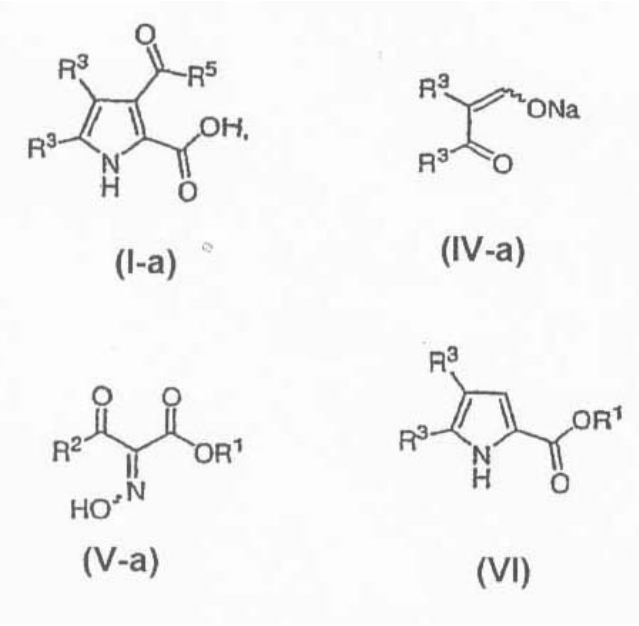
(54) Title of the invention : PREPARATION OF 4,5-DIALKYL-3-ACYL-PYPROLE-2-CARBOXYLIC ACID DERIVATIVES BY FISCHER-FINK TYPE SYNTHESIS AND SUBSEQUENT ACYLATION

(51) International classification :C07D 207/34
(31) Priority Document No :60/515,283
(32) Priority Date :28/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037985
Filing Date :28/10/2004
(87) International Publication No :WO/2005/042484
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 34
No of Claims : 29

(57) Abstract :
The present invention relates to an improved synthesis of pyrrole capping group precursors of formula I-a: comprising: combining an aqueous solution of the compound of formula IV-a: wherein R is C1-12 aliphatic, C3-12 alkyl-cycloaliphatic, C3-12 alkyl-aryl, C3-12 alkyl-heteroaryl, or C3-12 alkyl-cycloaliphatic; with a compound of formula V-a, wherein R and R are each independently C1-6 aliphatic; in the presence of zinc, water, and optionally an additional suitable solvent to form a compound of formula VI.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1175/KOLNP/2006 A
(43) Publication Date : 27/04/2007

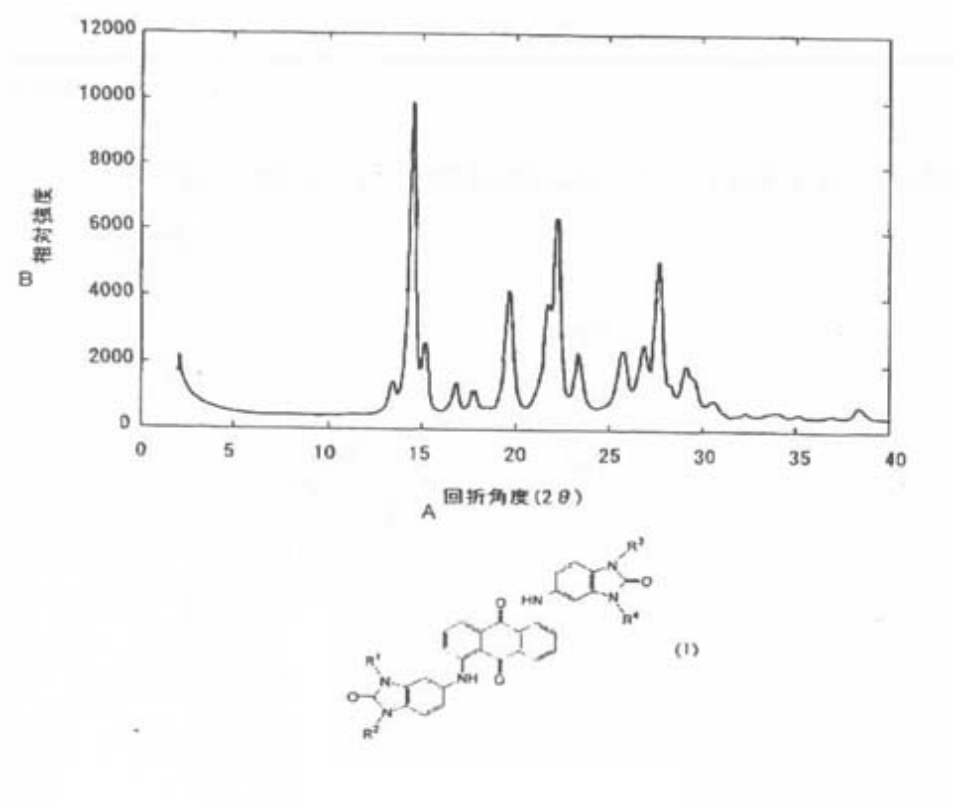
(54) Title of the invention : BENZIMIDAZOLONE COMPOUND

(51) International classification :C07D 235/26
(31) Priority Document No :2003-410204
(32) Priority Date :09/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/018190
Filing Date :07/12/2004
(87) International Publication No :WO/2005/056688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOSAKA MASAKI

No of Pages : 14
No of Claims : 3

(57) Abstract :
A benzimidazolone compound represented by a general formula (1), (in the formula, each of R1, R2, R3 and R4 represents independently a hydrogen atom, an alkyl group having 1 to 5 carbon atoms).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1176/KOLNP/2006 A
(43) Publication Date : 27/04/2007

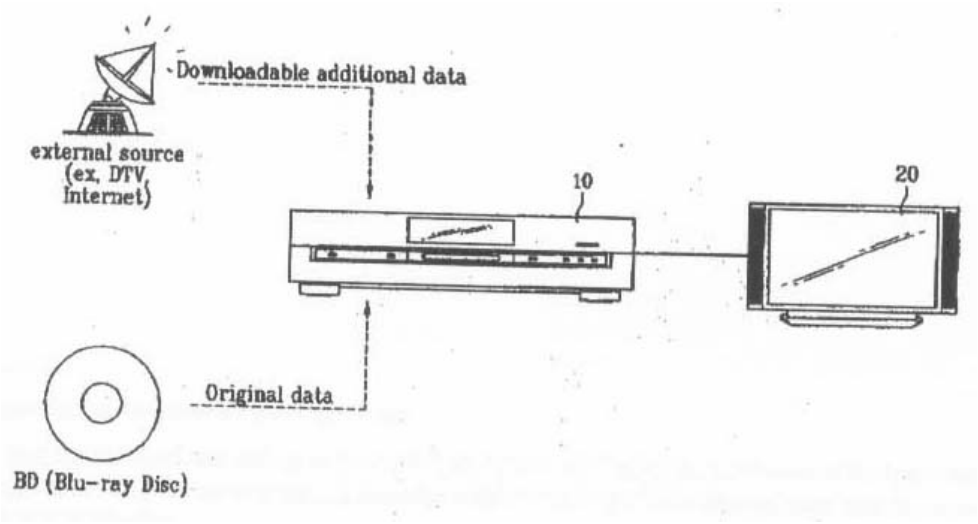
(54) Title of the invention : METHOD OF CREATING PLAYBACK CONTROL FILE FOR RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING DATA USING THE PLAYBACK CONTROL FILE

(51) International classification	: G11B 20/10; H04N 5/783
(31) Priority Document No	:10-2003-0082584
(32) Priority Date	:20/11/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/003000
Filing Date	:19/11/2004
(87) International Publication No	:WO/2005/050528
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SEO, KANG SOO
2)KIM, BYUNG JIN
3)YOO, JEA YONG

No of Pages : 55
No of Claims : 26

(57)Abstract :
A method of creating the playback control file for a recording medium and a method and apparatus for reproducing data using the playback control file are disclosed. The method includes reading an original PlayList including at least one original PlayItem from the recording medium, the at least one original PlayItem being configured to reproduce original data recorded on the recording medium, downloading at least one additional PlayItem from an external source, the at least one additional PlayItem being configured to reproduce additional data downloadable from the external source, and creating a new PlayList by binding the original PlayList with the at least one additional PlayItem, the new PlayList being able to reproduce the original data and the additional data, individually or in combination



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1177/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS OF PREPARING AND USING STEM CELL COMPOSITIONS AND KITS COMPRISING THE SAME

(51) International classification :A01N1/02
(31) Priority Document No :60/509,928
(32) Priority Date :08/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033220
Filing Date :07/10/2004
(87) International Publication No :WO 2005/035742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARMAN, ROBERT, J.
2)SAND THEODORE T

No of Pages : 56
No of Claims : 125

(57)Abstract :
The present invention provides novel stem cell compositions having significant therapeutic and practical advantages, as well as methods of preparing and using such compositions for the treatment and prevention of injury and disease in patients. The invention may be applied to stem, cell populations isolated from a wide variety of animals, including humans and tissues. In particular applications, the invention is used to prepare a stem cell composition from a collagen-based tissue, such as adipose tissue, isolated from a patient, and the stem cell composition is subsequently provided to a site of actual or potential injury in the patient. The invention further includes related kits comprising the stem cell compositions, which are remarkably stable and retain viability and efficacy during storage and shipment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1178/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DRIP TRAY TABLET

(51) International classification :A01N63/02
(31) Priority Document No :2003905882
(32) Priority Date :24/10/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/001438
Filing Date :20/10/2004
(87) International Publication No :WO 2005/041659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD.
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(72)**Name of Inventor :**
1)KRITZLER, STEVEN
2)SAVA, ALEX

No of Pages : 14
No of Claims : 28

(57)Abstract :
A tablet for use in a drip tray including an excipient selected so that the tablet will not fully dissolve in water at ambient temperature for a period of at least one month, more preferably up to 12 months, a biocide, at least one enzyme, preferably a proteolytic or hydrolase enzyme, and enzyme preserving means, such as a boron compound for maintaining enzyme activity in a moist environment. The excipient may be for example poly vinyl alcohols, high molecular weight polyethylene glycols, high molecular weight polypropylene glycols, esters or partial esters of polyethylene glycols or of polypropylene glycols, and high molecular weight thermoplastic surfactants. The invention also relates to methods for inhibiting the growth of bio film in a drip tray or the like, including the step of adding to the tray a tablet according to the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1179/KOLNP/2006 A
(43) Publication Date : 27/04/2007

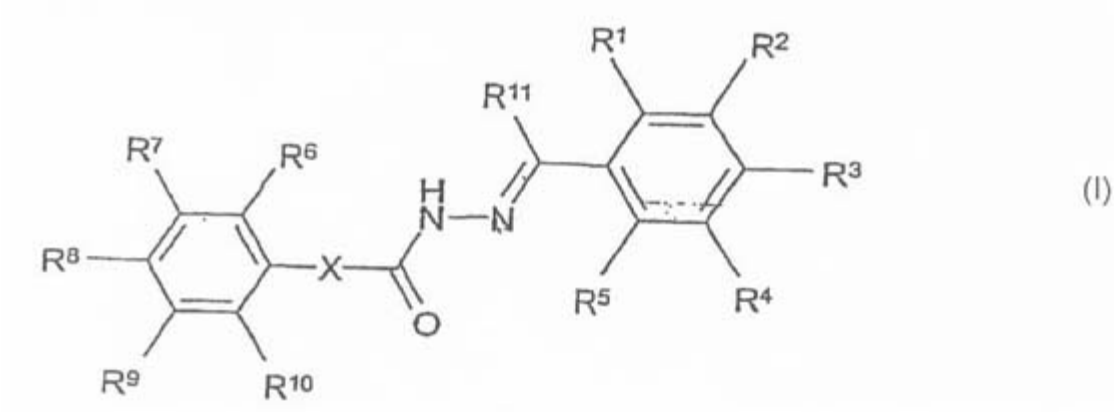
(54) Title of the invention : ACYLHYDRAZONE DERIVATIVES AND THE USE THEROF IN THE INHIBITION, REGULATION AND/OR MODULATION OF KINASE SIGNAL TRANSDUCTION

(51) International classification :C07C 251/86
(31) Priority Document No :103 46 913.3
(32) Priority Date :09/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/010398
Filing Date :16/09/2004
(87) International Publication No :WO 2005/037773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)BEIER, NORBERT
3)POSCHKE, OLIVER
4)BURGDORF, LARS
5)DROSDAT, HELGA
6)LANG, FLORIAN

No of Pages : 52
No of Claims : 16

(57) Abstract :
Acylhydrazone derivatives of the formula (1) and SGK inhibitors and can be used for the treatment of SGK-induced diseases and conditions, such as diabetes, obesity, metabolic syndrome (dyslipidaemia), systemic and pulmonary hypertonia, cardiovascular diseases and renal diseases generally in any type of fibrosis and inflammatory process. In which R1, R5 each, independently of one another H, OH, OA, OAc or methyl, R2, R3, R4, R6, R7, R8, R9, R10 each independently of one another H, OH, OA, OAc, OCP3, Hal, NO2, CP3, A, CN OSO2CH3, S02CH3/ NH2 or COOH, R11 H or CH3, A alkyl having 1,2, 3 or 4 C atoms, X CH2/ CH2CH2r 0CH2 or-CH(OH)-, Hal F, Cl, Br or I



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1180/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FOLDABLE BICYCLE AND METHOD OF FOLDING

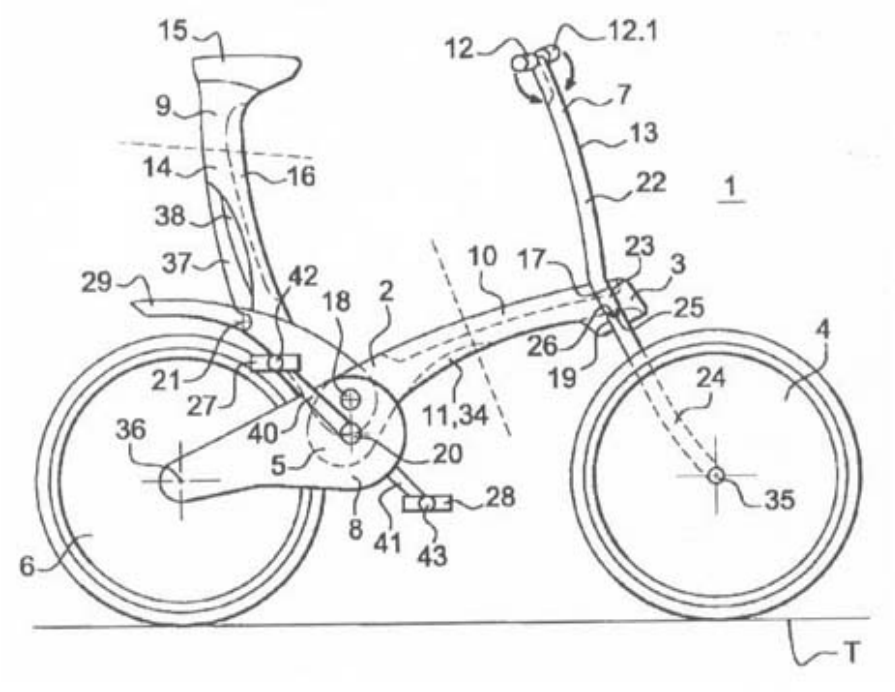
(51) International classification :B62K15/00
(31) Priority Document No :0350687
(32) Priority Date :15/10/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/050503
Filing Date :15/10/2004
(87) International Publication No :WO 2005/035347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)POURIAS CHRISTIAN

No of Pages : 15
No of Claims : 13

(57) Abstract :
The invention relates to a foldable bicycle (1) comprising a first channel (10) for supporting handlebars (7) when folding the bicycle. The invention also relates to a method of folding such a bicycle. This folding method involves at least five horizontal folding axes (17, 18, 19, 20, 21) allowing a compact folded bicycle to be obtained in which all the components forming the bicycle are folded within each other.

Reference Fig. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006
(21) Application No.1181/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CLEANING AGENT FOR SUBSTRATE AND CLEANING METHOD

(51) International classification :C11D 7/26
(31) Priority Document No :2003-365588
(32) Priority Date :27/10/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/015040
Filing Date :13/10/2004
(87) International Publication No :WO 2005/040324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MASAHIKO KAKIZAWA
3)ICHIRO HAYASHIDA

No of Pages : 73
No of Claims : 17

(57)Abstract :
The present invention provides a cleaning agent for a substrate and a cleaning method thereof, which can effectively remove fine particles (particles) present on a surface of substrate or impurities derived from various kinds of metals (metallic impurities), without causing roughness surface of a substrate, in particular, a semiconductor substrate, and without causing corrosion or oxidation of metal wirings, in particular, copper wirings, provided on a surface of substrate, and can further remove at the same time a carbon defect present on a surface of substrate, without removing a metal corrosion inhibitor - Cu film, in particular, a Cu-BTA film.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1182/KOLNP/2006 A
(43) Publication Date : 27/04/2007

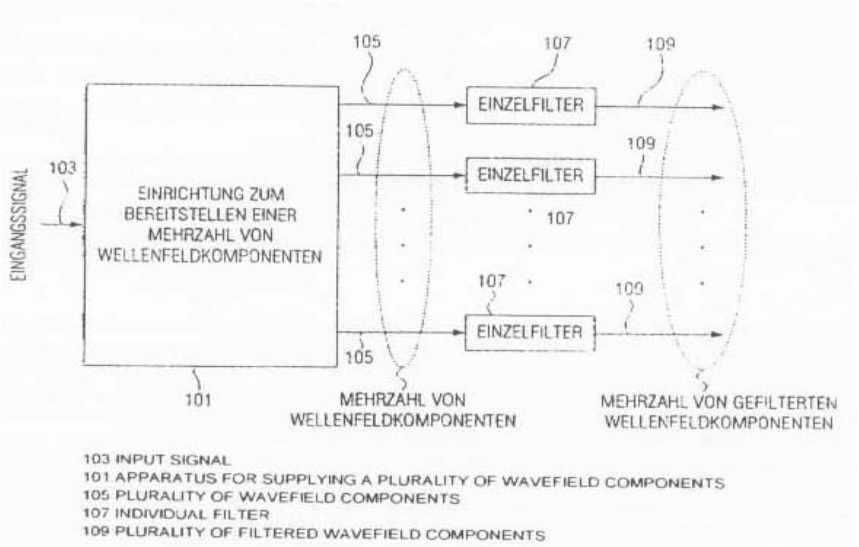
(54) Title of the invention : APPARATUS AND MEHTOD FOR PROCESSING AN INPUT SIGNAL

(51) International classification : H04M 9/08
(31) Priority Document No :103 51 793.6
(32) Priority Date :06/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/012570
Filing Date :05/11/2004
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)HERBODT, WOLFGANG
4)KELLERMANN, WALTER
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3)HERBODT, WOLFGANG
4)KELLERMANN, WALTER

No of Pages : 83
No of Claims : 31

(57) Abstract :
An apparatus for processing an input signal, wherein the input signal comprises a plurality of subsignals associated to discrete transmit or receive means, wherein the discrete transmit or receive means are disposed at predetermined geometrical positions with regard to a room, comprises a means (101) for providing a plurality of wave-field components, wherein a superposition of the plurality of wave-field components results in a composite wave field, wherein the composite wave field can be propagated in the room, wherein the plurality of wave-field components are derived from the input signal by wave field decomposition based on orthogonal wave field base functions and the predetermined geometrical positions, a plurality (107) of single filters, wherein a wave-field component of the plurality of wave-field components is associated to a single filter, wherein the single filter is formed to influence the associated wave-field component such that with regard to the plurality of single filters (107) a plurality of filtered wave-field components representing a processed input signal are obtained on the output side.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1183/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ABSORBENT ARTICLES COMPRISING METAL-LOADED NANOPARTICLES

(51) International classification	:A61L 15/40
(31) Priority Document No	:60/515,758
(32) Priority Date	:30/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036372
Filing Date	:01/11/2004
(87) International Publication No	:WO 2005/042040
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANTHONY L. DISALVO
2)CAROLYN J. MORDAS

No of Pages : 43
No of Claims : 18

(57) Abstract:
The present invention relates to absorbent articles comprising metal-loaded nanoparticles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2006

(21) Application No.1184/KOLNP/2006 A
(43) Publication Date : 27/04/2007

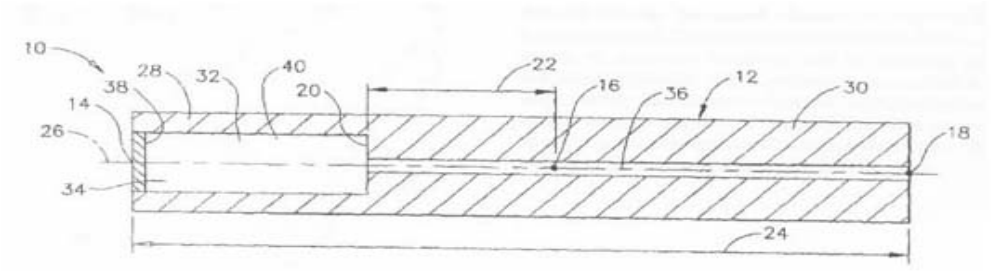
(54) Title of the invention : ULTRASONIC SURGICAL BLADE AND INSTRUMENT HAVING A GAIN STEP

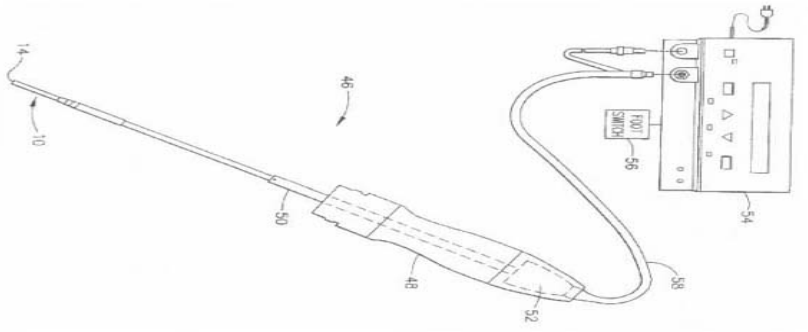
(51) International classification	:A61B17/00
(31) Priority Document No	:10/701,588
(32) Priority Date	:05/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/036897
Filing Date	:04/11/2004
(87) International Publication No	:WO/2005/046737
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)STEVEN K. NEUENFELDT
3)KEVIN L. HOUSER

No of Pages : 17
No of Claims : 10

(57)Abstract:
An ultrasonic surgical blade and an instrument having a gain step. The blade body has, in any half wave length of the ultrasonic-surgical-blade body, a first vibration antinode, a vibration node, a second vibration antinode, and a gain step. The gain step is located between the second vibration antinode and the first vibration antinode The gain step is spaced apart from the vibration node by a gain-step distance greater than 5% of the distance between the second vibration antinode and the first vibration antinode The instrument includes the blade, a hand piece having an ultrasonic transducer, and an ultrasonic transmission rod whose proximal end is operatively connected to the ultrasonic transducer and whose distal end activates the blade. In one option, the first vibration antinode is the distal tip, and the gain step is located between the vibration node and the distal tip, resulting in an increased active length of the blade





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006
(21) Application No.1185/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPOSITE MATERIALS COMPRISING METAL-LOADED NANOPARTICLES

(51) International classification :A61L 15/40
(31) Priority Document No :60/515,758
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036373
Filing Date :01/11/2004
(87) International Publication No :WO 2005/042041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CAROLYN J. MORDAS

No of Pages : 26
No of Claims : 23

(57) Abstract:
Composite materials comprising nanoparticles functionalized with metals are disclosed. The composite materials may be used in a variety of applications, including in coating compositions, cosmetic and pharmaceutical compositions, absorbent articles, and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1186/KOLNP/2006 A
(43) Publication Date : 27/04/2007

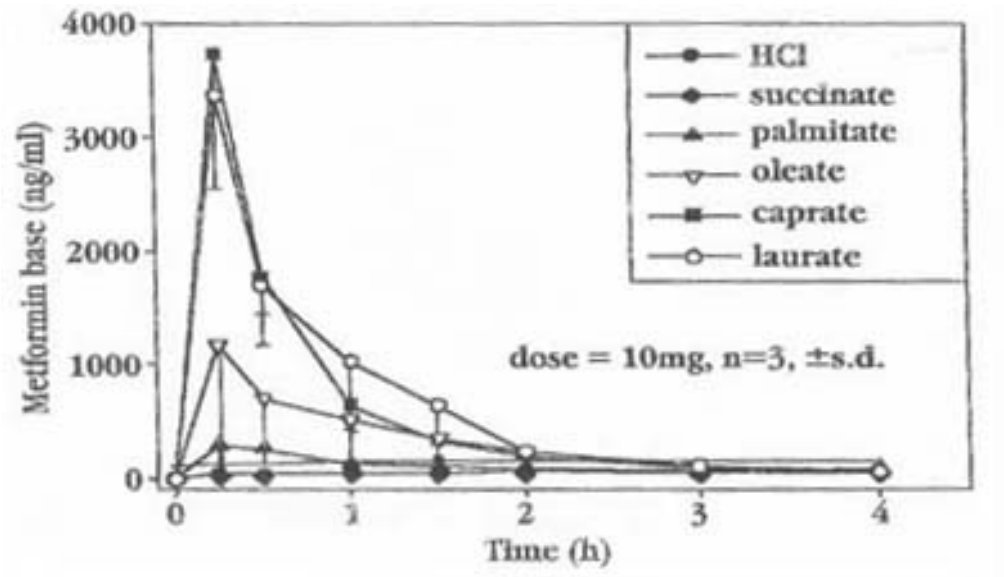
(54) Title of the invention : COMPOSITIONS AND DOSAGE FORMS FOR ENHANCED ABSORPTION OF METFORMIN

(51) International classification :A61K 9/00
(31) Priority Document No :60/516,259
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/036038
Filing Date :29/10/2004
(87) International Publication No :WO/2005/041923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DONG YAN
4)GEORGE V GUITTARD

No of Pages : 46
No of Claims : 21

(57)Abstract:
A complex comprised of metformin and a transport moiety, such as a fatty acid, is described. The complex has an enhanced absorption in the gastrointestinal tract, particularly the lower gastrointestinal tract. The complex, and compositions and dosage forms prepared using the complex, provide for absorption by the body of the drug through a period of ten to twenty-four hours, thus enabling a once-daily dosage form for metformin.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1187/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMPOSITIONS AND DOSAGE FORMS FOR ENHANCED ABSORPTION OF GABAPENTIN AND PREGEBELIN

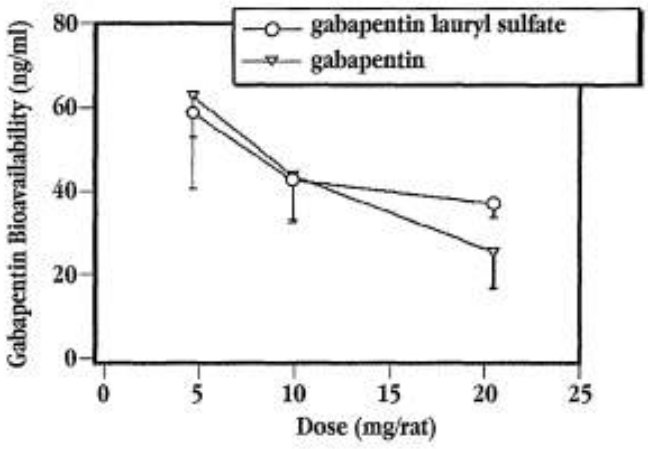
(51) International classification :A61K 9/00
(31) Priority Document No :60/516,259
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036042
Filing Date :29/10/2004
(87) International Publication No :WO 2005/041927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARY SOUTHAM(NAMED ON THE PRIORITY APPLICATION ONLY-NOT NAMED ON THE PCT APPLICATION)
3)DONG YAN
4)GEORGE V. GUITTARD

No of Pages : 46

No of Claims : 19

(57)Abstract:
A complex comprised of gabapentin or pregabalin and a transport moiety, such as an alky I sulfate, is described. The complex has an enhanced absorption in the gastrointestinal tract, particularly the lower gastrointestinal tract. The complex, and compositions and dosage forms prepared using the complex, provide for absorption by the body of the drug through a period of ten to twenty-four hours, thus enabling a once-daily dosage form for gabapentin or pregabalin.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

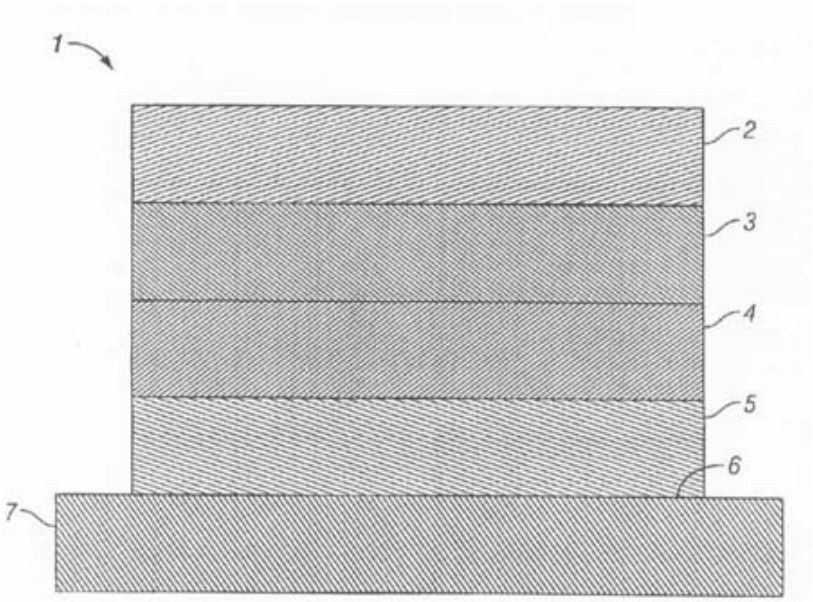
(21) Application No.1188/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TRANSDERMAL ANALGESIC SYSTEMS HAVING REDUCED ABUSE POTENTIAL

(51) International classification	:A61K 9/70	(71)**Name of Applicant :**
(31) Priority Document No	:60/515,625	**1)ALZA CORPORATION**
(32) Priority Date	:30/10/2003	Address of Applicant :1900 CHARLESTON ROAD P.O.BOX 7210 MOUNTAIN VIEW CA 94039-7210 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US04/035988	(72)**Name of Inventor :**
Filing Date	:27/10/2004	**1)ROBERT GALE**
(87) International Publication No	:WO/2005/044243	**2)THOMAS STEIN**
(61) Patent of Addition to Application Number	:NA	**3)JAY AUDETT**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 81
No of Claims : 37

(57)Abstract:
A transdermal analgesic system having reduced potential for abuse, wherein the system provides for the controlled release of the antagonist at a rate sufficient to provide an abuse limiting release rate ratio of the antagonist to the analgesic when the dosage form is subject to abuse is disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006
(21) Application No.1189/KOLNP/2006 A
(43) Publication Date : 27/04/2007

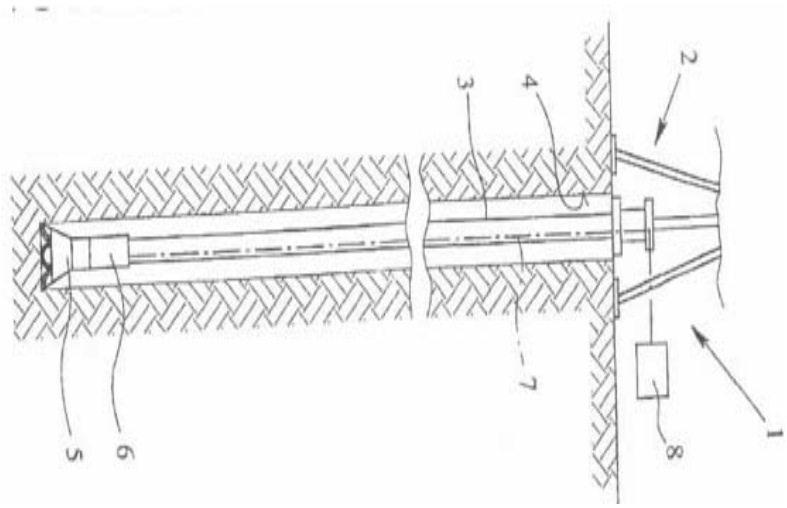
(54) Title of the invention : MEASURING DEVICE AND DRILLING APPARATUS FOR DEEP WELLS

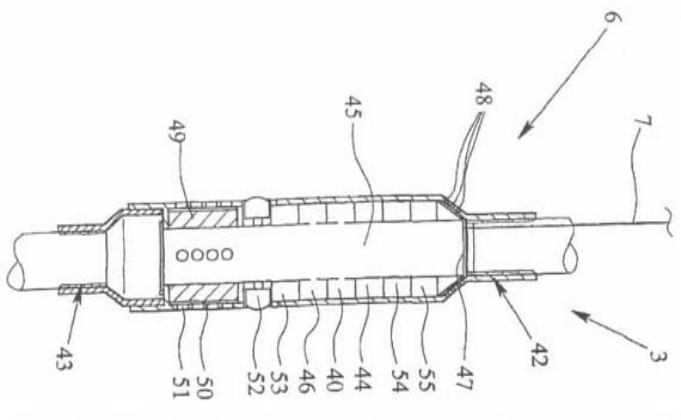
(51) International classification :E21B 47/01
(31) Priority Document No :10 2004 003 481.8
(32) Priority Date :22/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/014877
Filing Date :31/12/2004
(87) International Publication No :WO/2005/071224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :GOETHESTRASSE 61 45721 HALTERN AM SEE Germany
(72)**Name of Inventor :**
1)MRS. MAGDALENA ROTTHAUSER

No of Pages : 18
No of Claims : 17

(57) Abstract:
In order to obtain information on the drilling site in the case of deep wells quickly and precisely, a measuring device (6) having an electrically operated measuring unit for measuring relevant data relating to the rock, the drilling mud and/or the raw material to be obtained is proposed, the measuring device (6) being designed for supplying electrical energy via the drill column (3) and for data transfer to the surface likewise via the drill column (3).





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1190/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ABSORBENT TAMPON PROVIDING CLEAN DIGITAL INSERTION

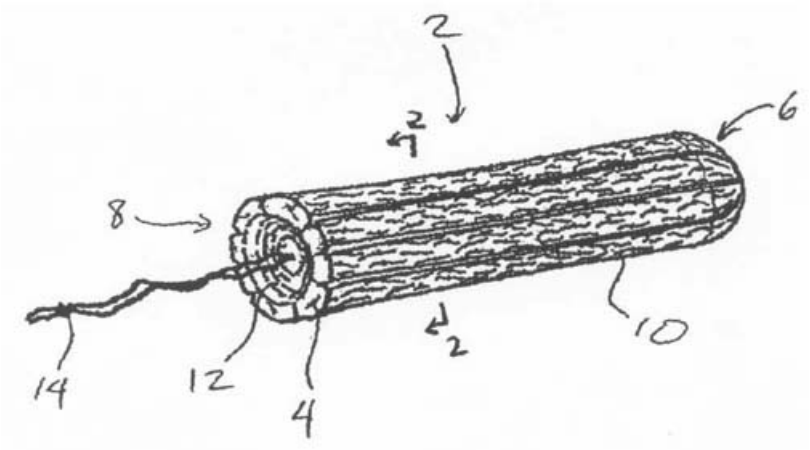
(51) International classification :A61F 13/20
(31) Priority Document No :60/516,958
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035234
Filing Date :21/10/2004
(87) International Publication No :WO 2005/058219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BINNER, COURT
2)CETTINA, MELINDA
3)MARCUS, GINA J
4)QUIRK, GEORGE

No of Pages : 21
No of Claims : 28

(57)Abstract:

A tampon has a generally uniform fiber distribution along its length, an insertion end, a withdrawal end, and a longitudinal axis. A finger recess having a depth of at least about 5 mm is formed into the withdrawal end. Nonetheless, column strength of at least about 10 Newton (N) can still be achieved. The tampon can be formed by winding an absorbent fibrous web around a winding mandrel; transferring the blank into a press; inserting a forming mandrel into one end of a tampon blank while the tampon blank is positioned in the press; moving a plurality of press jaws towards a central longitudinal press axis to compress the tampon blank and to form a compressed tampon having a finger recess formed into the one end of the tampon; and ejecting the compressed tampon from the press.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1191/KOLNP/2006 A
(43) Publication Date : 27/04/2007

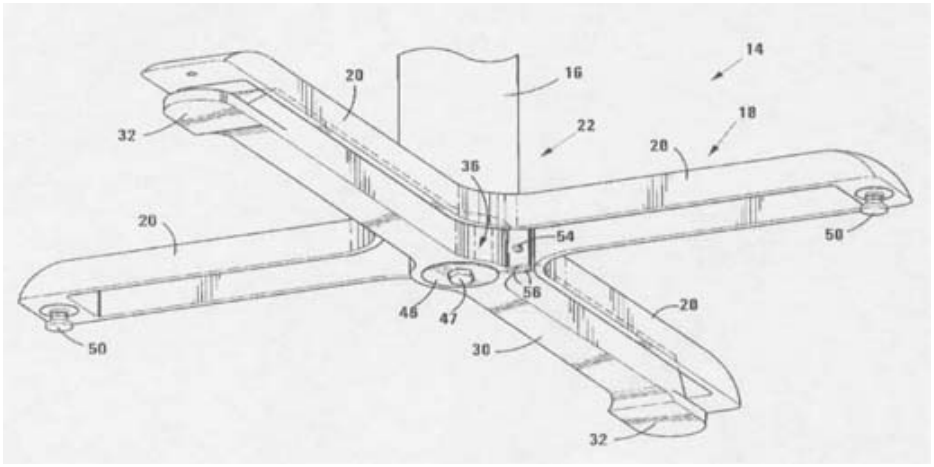
(54) Title of the invention : A SELF-STABILIZING SUPPORT ASSEMBLY FOR AN ITEM FURNITURE

(51) International classification	:A47B91/16; A47B13/02
(31) Priority Document No	:2003/7931
(32) Priority Date	:10/10/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2004/003270
Filing Date	:07/10/2004
(87) International Publication No	:WO/2005/034680
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BROOKE, Rory

No of Pages : 32
No of Claims : 38

(57)Abstract:
The invention relates to a self-stabilizing support assembly (14) for an item of furniture, such as a table, stool or chair. The assembly includes a support structure (16) for connection at an upper end thereof to an upper portion of an item of furniture. The support structure has a first pair of feet (50) at a lower end (22) thereof. An elongated guides pin (38) projects from a lower end of the support structure. A displaceable support member (30), which has a second pair of feet (32), is provided with a housing (36) defining a guide passage, in which guide passage the guide pin is longitudinally slidably received. The housing is constructed such that a cross-sectional area of the guide passage is adjustable, to permit dimensioning of the guide passage relative to the guide pin such that automatic frictional engagement of the guide pin with walls of the housing defining the guide passage occurs in response to pivoting of the displaceable support member about a pivot axis transverse to the housing, to anchor the displaceable support member frictionally against sliding displacement relative to the guide pin.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1192/KOLNP/2006 A
(43) Publication Date : 27/04/2007

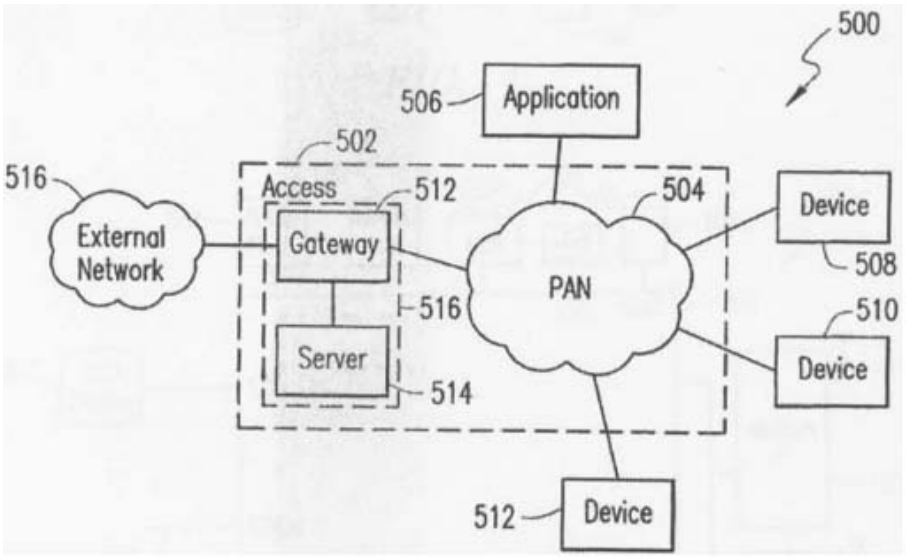
(54) Title of the invention : MOBILE-TERMINAL GATEWAY

(51) International classification	:H04L12/28; H04B1/40
(31) Priority Document No	:60/510,558
(32) Priority Date	:10/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/011261
Filing Date	:08/10/2004
(87) International Publication No	:WO 2005/046271
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BALACHANDRAN, KUMAR
2)WESSLEN, ANDERS

No of Pages : 26
No of Claims : 51

(57) Abstract :
A mobile terminal includes an access subsystem and an application subsystem. The access subsystem includes at least one access-technology interface. The application subsystem is inter-operably connected to the access subsystem. The application subsystem and the access subsystem are separated via a functional split. The access subsystem provides access by the application subsystem to a first wireless network via a first access-technology interface of the at least one access-technology interface.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1193/KOLNP/2006 A
(43) Publication Date : 27/04/2007

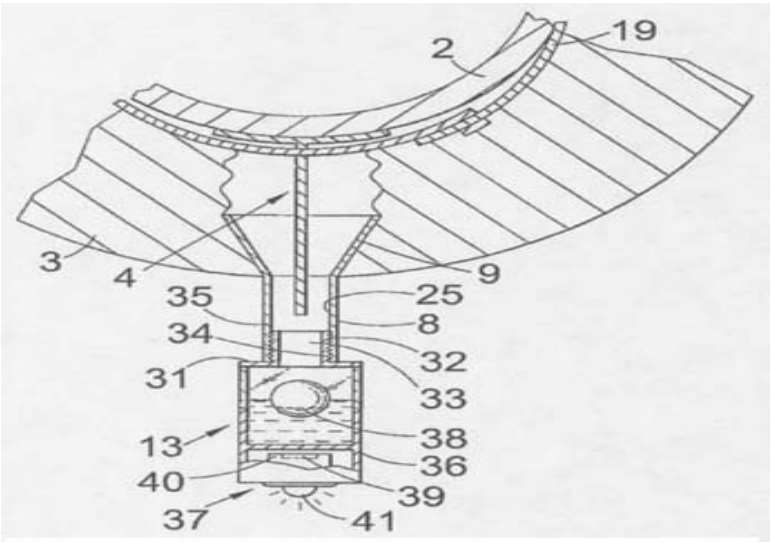
(54) Title of the invention : WATER INGRESS DETECTION SYSTEM

(51) International classification	:F17D5/00	
(31) Priority Document No	:PCT/GB2003/005216	
(32) Priority Date	:03/12/2003	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2003/005216	
Filing Date	:03/12/2003	
(87) International Publication No	:WO 2005/054743	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)O'HARA, LEONARD

No of Pages : 14
No of Claims : 15

(57) Abstract:
The present invention provides a water ingress detection system (1) suitable for use in indicating the ingress of water (12) onto a pipe (2) or vessel inside a casing (3), from outside. The system (1) comprises a deflector (4) secured to the underside (7) of the pipe (2) inside the casing (3) provided thereon, a conduit (8) coupled to the deflector (4) for leading water (12) away from the pipe (2) to a water-sensing indicator device (13). The indicator device (13) has a signal output portion (17) disposed externally of the casing (3) for signaling the presence of water (11) . The deflector (4) is formed and arranged for intercepting water (12) running along the exterior (7) of the pipe (2) inside the casing (3) and diverting it into the conduit (8), and the conduit (8) and water-sensing indicator device (13) are formed and arranged so that the indicator device (13) can sense substantially only water (12) intercepted by the deflector (4). In further respects the present invention provides a pipe or vessel provided with a detection system of the invention, and a method of warning of the ingress of water onto a pipe or vessel inside a casing from outside said casing, using a detection system of the invention.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006
(21) Application No.1194/KOLNP/2006 A
(43) Publication Date : 27/04/2007

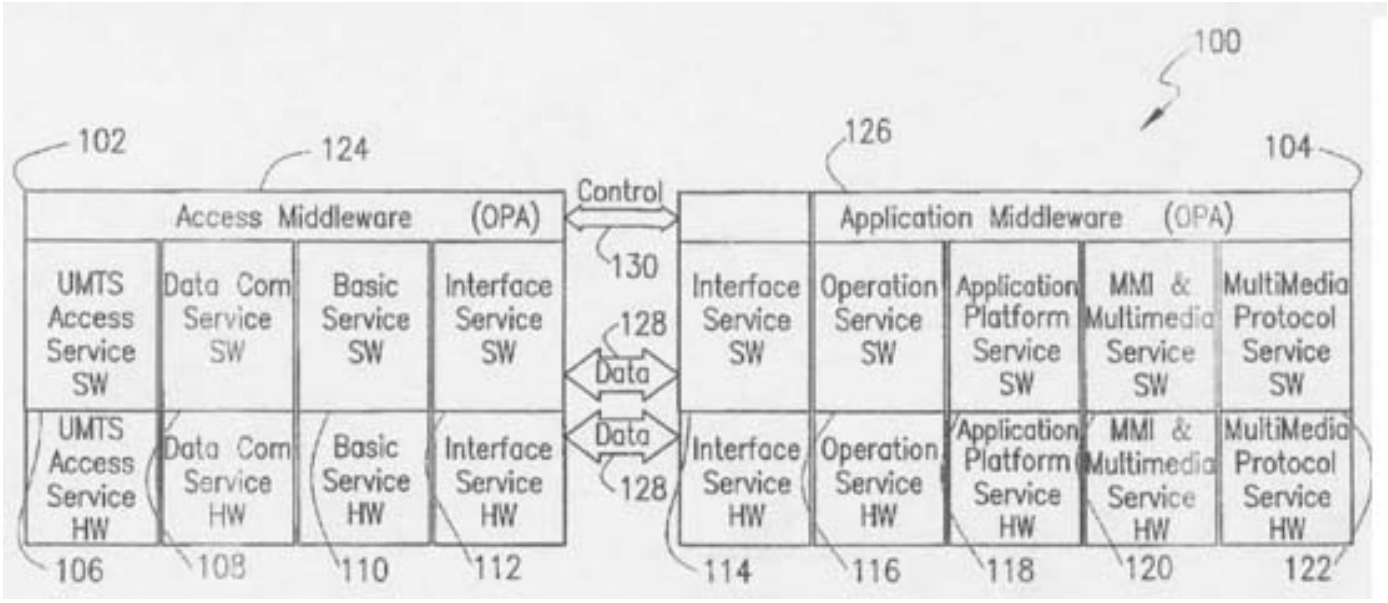
(54) Title of the invention : METHOD OF AND SYSTEM FOR SCALABLE MOBILE-TERMINAL PLATFORM

(51) International classification	:H04B1/40; H04L12/28
(31) Priority Document No	:60/510,558
(32) Priority Date	:10/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/011260
Filing Date	:08/10/2004
(87) International Publication No	:WO/2005/041601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEBER, Sebastian
2)WESSLEN, Anders
3)CROUGHWELL, William, J.

No of Pages : 36
No of Claims : 23

(57)Abstract:
A mobile-terminal platform system includes an application subsystem and an access subsystem. The access subsystem includes hardware and software for providing connectivity services. The application subsystem includes hardware and software for providing user-application services. The application subsystem and the access subsystem communicate via a defined interface. Each of the application subsystem and the access subsystem may be independently scaled.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1195/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : USE OF CELL LINES TO PRODUCE ACTIVE THERAPEUTIC PROTEINS

(51) International classification :A61K 38/19
(31) Priority Document No :60/510,509
(32) Priority Date :10/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033260
Filing Date :07/10/2004
(87) International Publication No :WO/2005/034876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BUSH, THOMAS, S.
2)FARIS, RONALD, A.
3)LIU, JIN

No of Pages : 113
No of Claims : 52

(57) Abstract :
This invention relates to the production of proteins, including therapeutic plasma proteins, by virally-immortalized hepatocyte cell lines and by other eukaryotic cells, as well as to the use of such proteins for screening and therapy, as well as to nucleic acids, vectors, and transformed or transfected cells that carry the genetic information for proteins.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1196/KOLNP/2006 A
(43) Publication Date : 27/04/2007

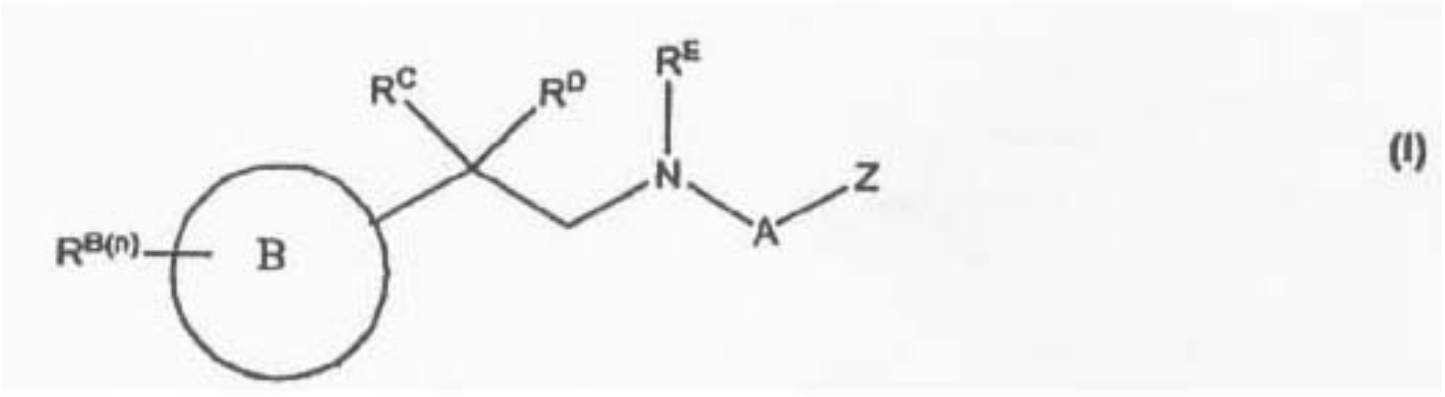
(54) Title of the invention : MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS CONTAINING CYCLOALKYL PYRANYL GROUPS

(51) International classification :A61K 31/00
(31) Priority Document No :60/509,642
(32) Priority Date :08/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033367
Filing Date :08/10/2004
(87) International Publication No :WO/2005/035514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SINGH, ASHVANI, K
3)MILLER, MARK, T
4)HAMILTON, MATTHEW
5)GROOTENHUIS, PETER D.J.

No of Pages : 160
No of Claims : 56

(57)Abstract:
The present invention provides compounds of Formula (I) useful as modulators of ABC transporter activity, or a pharmaceutically acceptable salt thereof, wherein RB, n, B, Rc, RD, RE, A, and Z are described generally and in classes and subclasses below. The present invention also provides pharmaceutical compositions, methods and kits associated with Formula (I), useful for as modulators, and for the treatments of disease and disease conditions associated with ABC transporter proteins.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1197/KOLNP/2006 A
(43) Publication Date : 27/04/2007

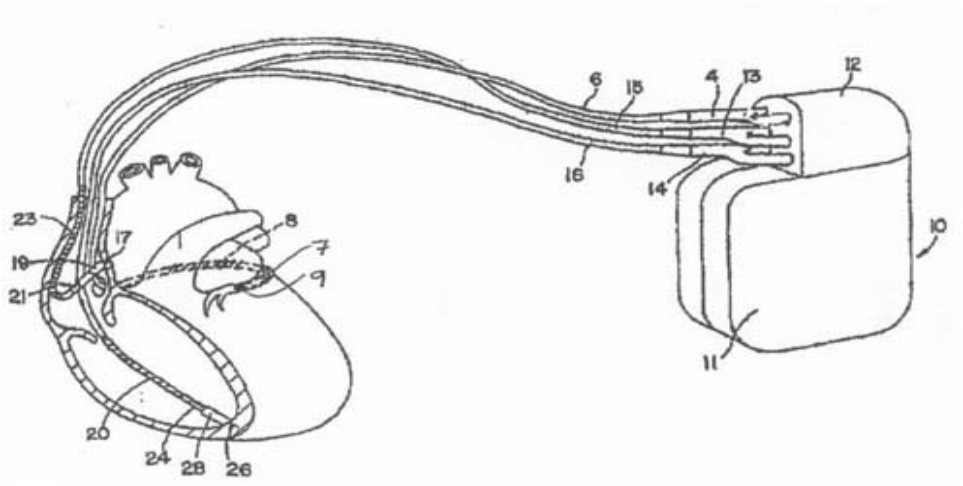
(54) Title of the invention : SECURE AND EFFICACIOUS THERAPY DELIVERY FOR AN EXTRA-SYSTOLIC STIMULATION PACING ENGINE

(51) International classification :A61N 1/362
(31) Priority Document No :60/509,335
(32) Priority Date :07/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033276
Filing Date :07/10/2004
(87) International Publication No :WO 2005/035056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)ZHOU RBEN
5)ANDERSON KENNETH M
6)DENO D CURTIS
7)ZILLMAR GLENN C
8)KLEPFER RUTH N
9)SPETT VINCENT E

No of Pages : 47
No of Claims : 68

(57)Abstract:
An extra-systolic stimulation (ESS) therapy addresses cardiac dysfunction including heart failure. ESS therapy employs atrial and/or ventricular extra-systoles via pacing-level stimulation to a heart. These extra-systoles must be timed correctly to achieve beneficial effects on myocardial mechanics (efficacy) while maintaining an extremely low level of risk of arrhythmia induction and excellent ICD-like arrhythmia sensing and detection (security). The present invention relates to therapy delivery guidance and options for improved ESS therapy delivery. These methods may be employed individually or in combinations in an external or implantable ESS therapy delivery device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1198/KOLNP/2006 A
(43) Publication Date : 27/04/2007

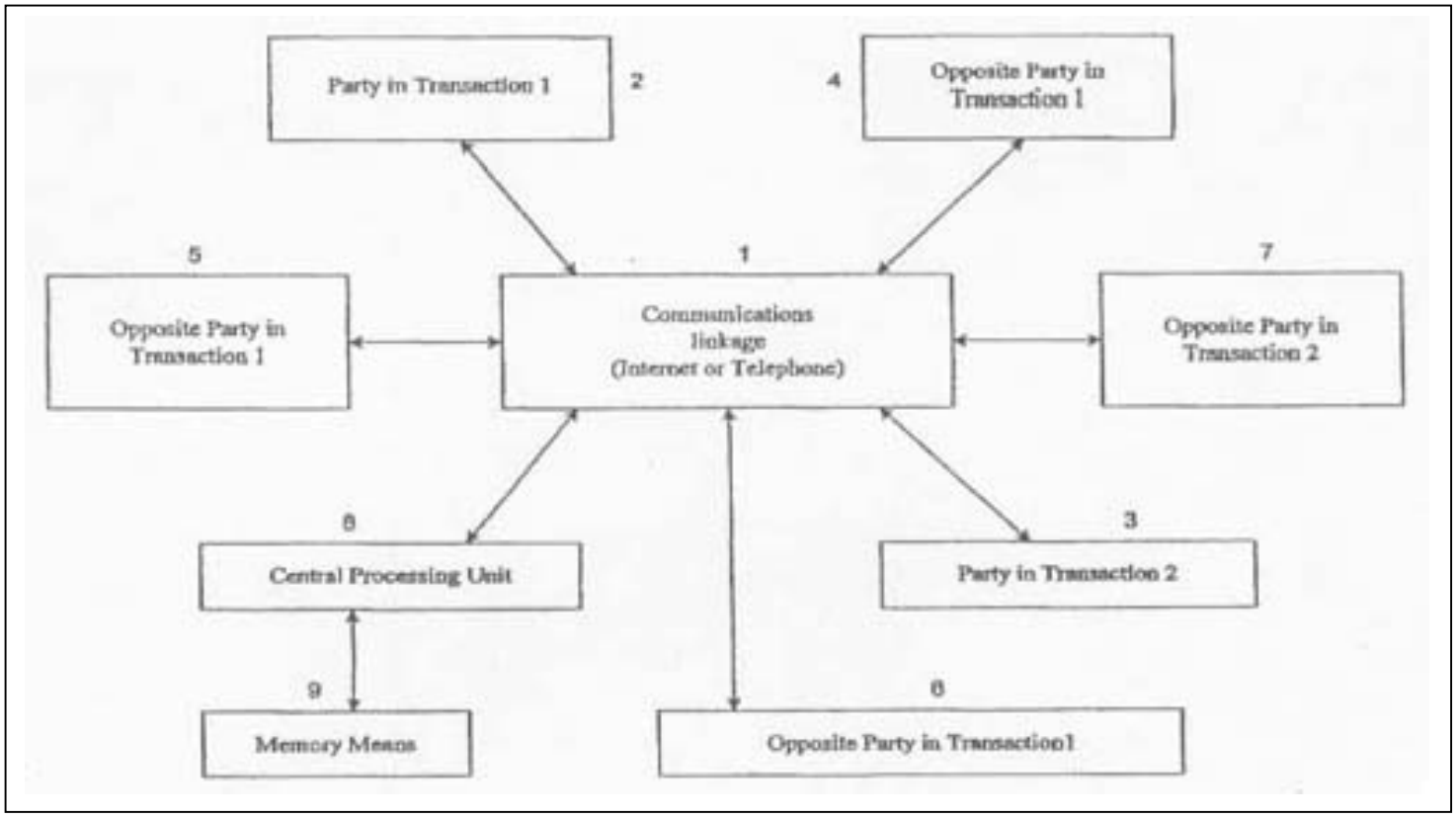
(54) Title of the invention : COMPUTERIZED TRANSACTION BARGAINING SYSTEM AND METHOD

(51) International classification :G06Q 10/00
(31) Priority Document No :10/683,821
(32) Priority Date :10/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033444
Filing Date :08/10/2004
(87) International Publication No :WO 2005/040982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BURCHETTA, JAMES, D
2)BROFMAN, CHARLES, S.

No of Pages : 101
No of Claims : 29

(57)Abstract:
A method and system for automated bargaining is disclosed. The method and system are used in testing non-equal values in normal rounds for satisfaction of a condition. If the condition is not satisfied in the normal rounds, power round values are tested for satisfaction of a power round condition. If the power round condition is satisfied, a binding bargained payment is calculated. Additional options involve an automated facilitator, windfalls to initiators, automatic payment initiation, multiparty aggregation and automatic agreement document generation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1199/KOLNP/2006 A
(43) Publication Date : 27/04/2007

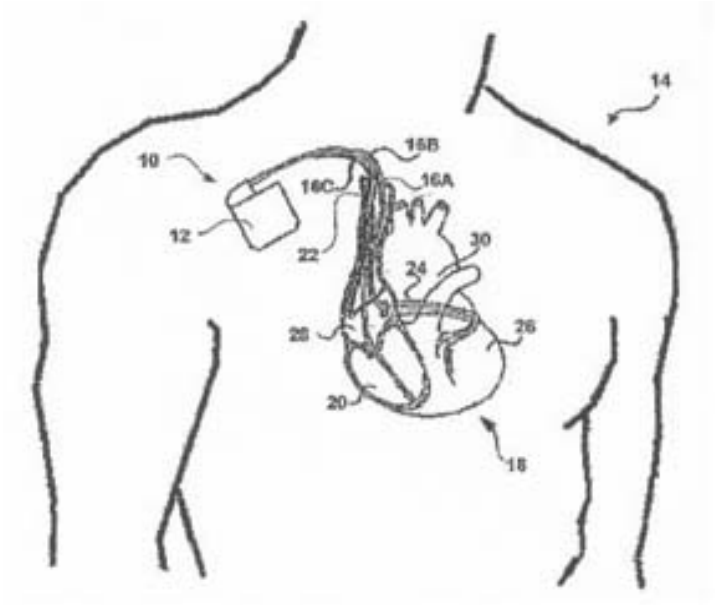
(54) Title of the invention : EXTRA-SYSTOLIC STIMULATION THERAPY DELIVERY AND SENSING VIA DIFFERENT ELECTRODE SETS

(51) International classification :A61N 1/362
(31) Priority Document No :10/680,493
(32) Priority Date :07/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033258
Filing Date :07/10/2004
(87) International Publication No :WO 2005/035053
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ZILLMER GLENN C
2)DENO CURTIS D
3)SHETH NIRAV VIJAY

No of Pages : 26
No of Claims : 51

(57) Abstract : Techniques for delivering ESS to a heart of a patient are disclosed. An implantable medical device delivers ESS stimulation, and in some embodiments pacing stimulation, to a chamber of the heart via a first electrode set. The implantable medical device senses electrical activity within the chamber via a second set of electrodes. In some embodiments, the implantable medical device is able to apply a shorter blanking interval than is typical in the pacing art to a sense amplifier coupled to the second set of electrodes, allowing the implantable medical device to better detect arrhythmias and evoked responses. A variety of electrodes may be used in conjunction with the present invention; including without limitation, tip, ring, coil, can-based, endocardial, epicardial, pericardia!, cardiac vein-based, subcutaneous, and/or surface electrodes.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1200/KOLNP/2006 A
(43) Publication Date : 27/04/2007

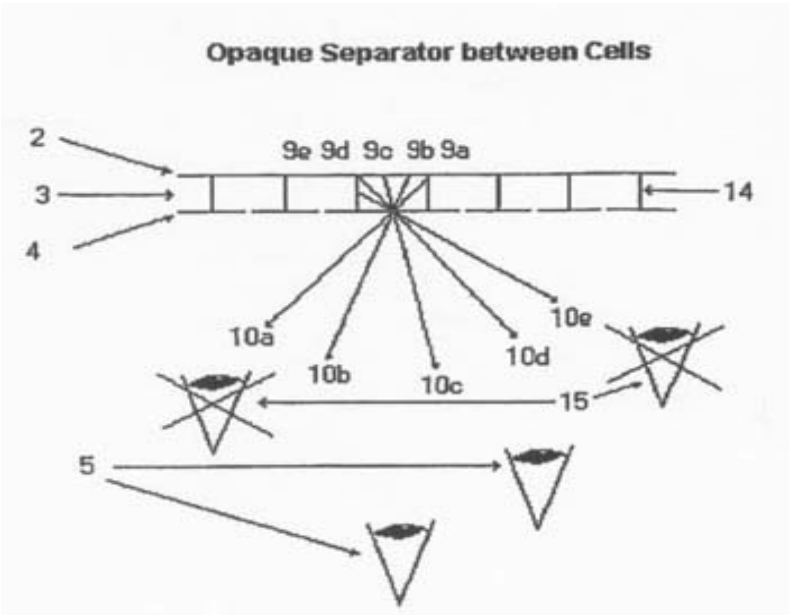
(54) Title of the invention : AUTO-STEREO THREE-DIMENSIONAL IMAGES

(51) International classification :G02B 27/22
(31) Priority Document No :10/680,428
(32) Priority Date :08/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/001774
Filing Date :05/10/2004
(87) International Publication No :WO 2005/034034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BLANCHETTE, REMI
(72)**Name of Inventor :**
1)RACETTE, LOUIS
2)BLANCHETTE, REMI

No of Pages : 41
No of Claims : 39

(57)Abstract: :
There is described a method for providing auto-stereo three-dimensional views from a plurality of points of view, the method comprising: providing an image on a substrate so that when the image is illuminated it will be perceived as sufficiently luminous, the image being made up of a plurality of cells; placing a barrier screen in front of the image to provide a parallax effect, the barrier screen consisting of an optical arrangement providing staggered apertures through which light can pass, each of the apertures defining a window onto one of the plurality of cells and configured such that a view of a neighboring cell is obstructed from all of the points of view; and illuminating the image using a light source, where the light source can also emanate from within the image.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1201/KOLNP/2006 A
(43) Publication Date : 27/04/2007

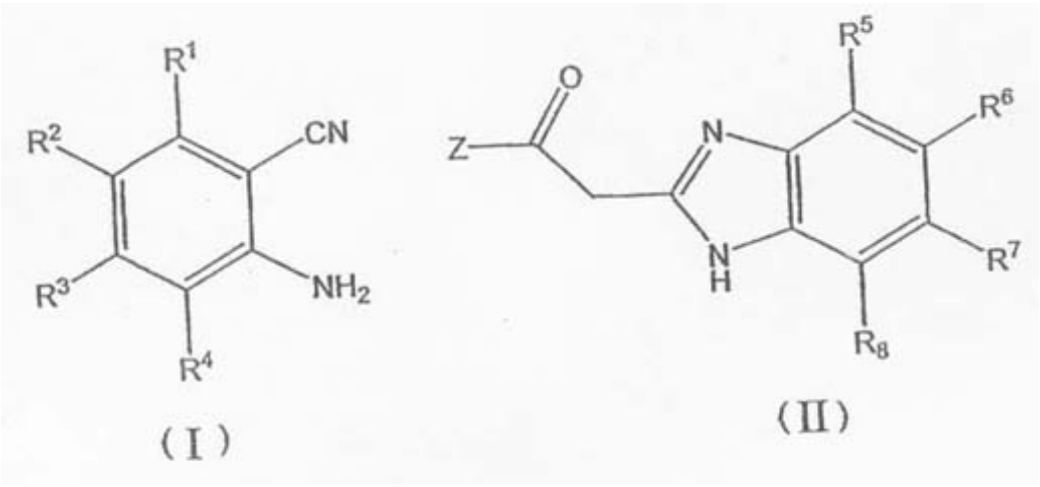
(54) Title of the invention : METHODS FOR SYNTHESIZING QUINOLINONE COMPOUNDS

(51) International classification :C07D 401/14
(31) Priority Document No :60/517,815
(32) Priority Date :07/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037051
Filing Date :05/11/2004
(87) International Publication No :WO/2005/046590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)RYCKMAN, DAVID
5)SHANG, XIAO
6)ZHU, SHUGUANG
7)MACHAJEWSKI, TIMOTHY D.
8)OKHAMAFE, AUGUSTUS O.
9)TESCONI, MARC S.

No of Pages : 77
No of Claims : 71

(57) Abstract :
A method of synthesizing a substituted or unsubstituted 4-amino-3-benzimidazolyl quinolinone compound includes reacting a first compound having the formula I with a second compound having the formula II in a suitable solvent in the presence of a sodium or potassium salt of a base. The first compound and the second compound have the following structures where the variables have the values described herein.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006
(21) Application No.1202/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : DRIVING CONTROLLING APPARATUS OF LINEAR COMPRESSOR AND METHOD THEREOF

(51) International classification	:F04B 35/04,F04B49/06
(31) Priority Document No	:PCT/KR2003/002419
(32) Priority Date	:11/11/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2003/002419
Filing Date	:11/11/2003
(87) International Publication No	:WO 2005/045248
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BAE, GYOO-JONG
2)SHIN, DONG-HEE

No of Pages : 21
No of Claims : 13

(57)Abstract:
A driving controlling apparatus of a linear compressor and a method thereof are disclosed, in which a stroke is variably controlled at the time of a compression processing and a suction processing thus to prevent a consumption power decrease and a refrigerating capacity deficiency phenomenon and to enhance a reliability (v.u). A driving controlling method of a linear compressor, wherein a firing angle is respectively applied at the time of a compression processing and a suction processing according to a load state. The driving controlling apparatus comprises an electric circuit (20) for driving a linear compressor by varying a stroke by a piston movement; a voltage/current detecting unit (21) for detecting a voltage and a current generated at the electric circuit unit (20), a phase difference detecting unit (22) for receiving a voltage and a current from the voltage/current detecting unit (21) and thus detecting a voltage/current phase difference of a corresponding time point; and a stroke controlling unit (23) for receiving a phase difference from the phase difference detecting unit (22) and applying a stroke voltage to the electric circuit unit by differently applying a firing angle at the time of a compression processing and a suction processing, respectively on the basis of the input phase difference

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1203/KOLNP/2006 A
(43) Publication Date : 27/04/2007

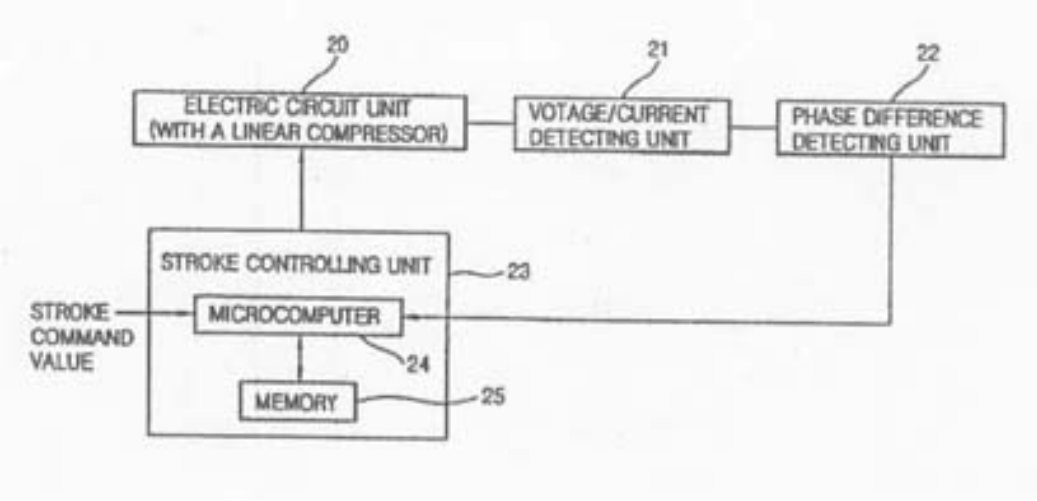
(54) Title of the invention : REFRIGERATION APPARATUS

(51) International classification :B23K1/00
(31) Priority Document No :60/511,952
(32) Priority Date :15/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034105
Filing Date :15/10/2004
(87) International Publication No :WO/2005/038366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KERRIGAN, ROBERT, K.
3)KAY, CHRISTOPHER, A.

No of Pages : 31
No of Claims : 33

(57) Abstract :
Disclosed is an efficient refrigeration apparatus that provides refrigerant based energy storage and cooling. When connected to a condensing unit, the system has the ability to store energy capacity during one time period and provide cooling from the stored energy during a second time period. The system requires minimal energy to operate during either time period, and only a fraction of the energy required to operate the system during the first time period is required to operate the system during the second time period using an optional refrigerant pump.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2006

(21) Application No.1204/KOLNP/2006 A
(43) Publication Date : 27/04/2007

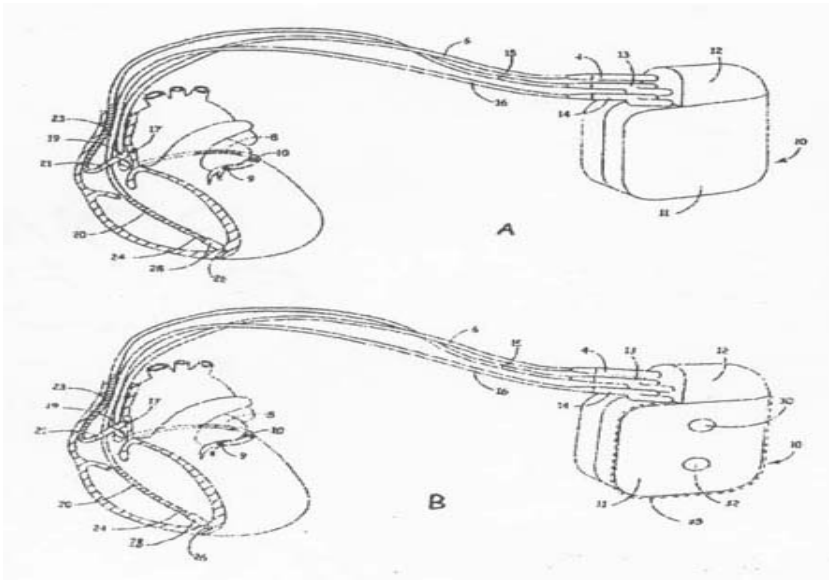
(54) Title of the invention : CARDIAC PACING MODALITY HAVING IMPROVED BLANKING, TIMING, AND THERAPY DELIVERY METHODS FOR EXTRA-SYSTOLIC STIMULATION PACING THERAPY

(51) International classification :A61N
(31) Priority Document No :60/509,204
(32) Priority Date :07/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032906
Filing Date :06/10/2004
(87) International Publication No :WO 2005/035046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SPLETT VINCENT E
3)GILLBERG JEFFREY M
4)ZILLMER GLENN C
5)KLEPFER RUTH N
6)KLECKNER KAREN J

No of Pages : 53
No of Claims : 52

(57) Abstract :
The present invention relates to the secure delivery of an extra-systolic stimulation (ESS) therapy to treat cardiac dysfunction that employs atrial and/or ventricular extra-systoles via pacing-like stimulation of the heart. These extra-systoles must be timed correctly to achieve beneficial effects on myocardial mechanics (benefit) while maintaining an extremely low level of risk of arrhythmia induction and excellent ICD-like arrhythmia sensing and detection (security). Further experience with ESS has led to improved implementation methods that depend on better blanking, ESS stimulation timing (of an "extra-systolic interval" or ESI), and ESS therapy delivery options and guidance. These methods may be employed individually or in combinations in an external or implantable ESS therapy delivery device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1205/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : A CONTROL PANEL WITH AT LEAST ONE SWITCH

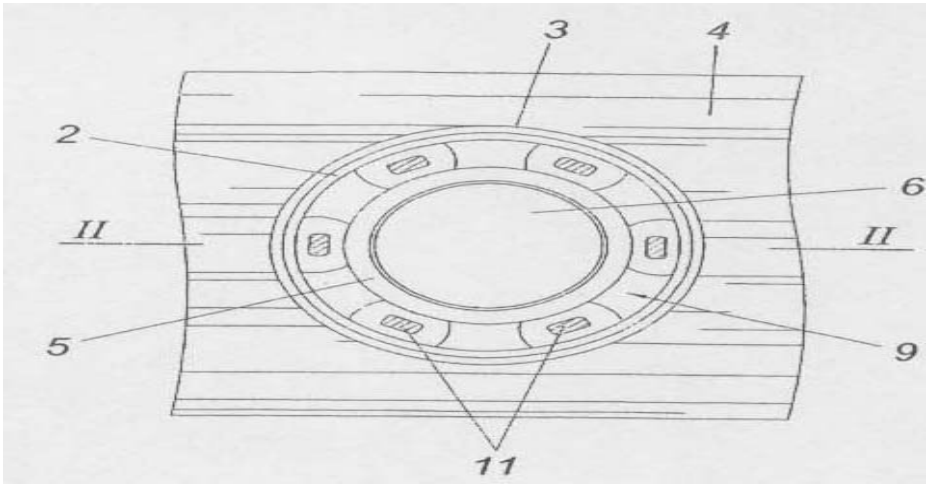
(51) International classification	:H01H 13/14,H01H13/02
(31) Priority Document No	:A 1862/2003
(32) Priority Date	:20/11/2003
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2004/000403
Filing Date	:17/11/2004
(87) International Publication No	:WO/2005/050686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)RAINER, JOSEF
2)BERNECKER, ERWIN

No of Pages : 7
No of Claims : 3

(57)Abstract: :

The invention relates to a control panel is showing with at least one switch (12) whose actuating button (6) is situated in an opening (3) of a front plate (4) and with a housing (1), arranged in the region of the opening (3) of the front panel (4) and enclosing the switch (12), which housing forms between an inner and an outer circumferential wall (2, 5), an annular gap (8) for receiving at least one lighting means (11),which annular gap is open towards the front panel(3) and is covered in a light-transmitting manner. In order to provide advantageous constructional conditions it is proposed that that the housing (1) is inserted with its outer circumferential wall (2) in a flush manner into the opening (3) of the front panel (4) and encloses the actuating button (6) with its inner circumferential wall(5), and that the light-transmitting cover of the annular gap(8)between inner and outer circumferential wall (2,5) consists of a foil (9) extending over the front panel(4). (Fig.2)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1206/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELEVATOR ROPE COMPENSATION DEVICE

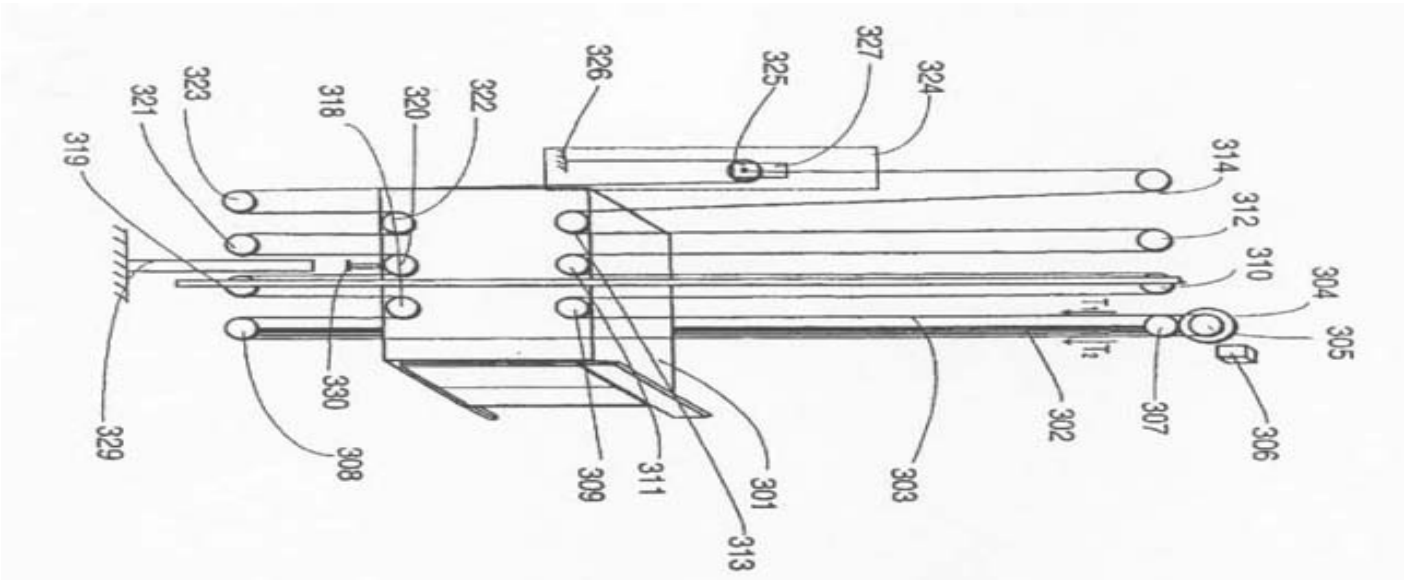
(51) International classification :B66B7/10
(31) Priority Document No :20031709
(32) Priority Date :24/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000706
Filing Date :22/11/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MUSTALAHTI JORMA
2)AULANKO ESKO

No of Pages : 30

No of Claims : 10

(57)Abstract: :
This invention relates to an elevator, which preferably is an elevator without counterweight and in which an elevator car is suspended by means of a set of hoisting ropes comprising one rope or a number of parallel ropes. The elevator has a traction sheave that moves the elevator car by means of the hoisting ropes. The elevator comprises rope portions of hoisting ropes going upwards and downwards from the elevator car, and the elevator has compensating device acting on the hoisting ropes to equalize and/or compensate rope tension and/or rope elongation. The compensating device acting on the hoisting ropes of the elevator comprises at least one slack rope prevention means for preventing uncontrolled slackening of the hoisting ropes and/or uncontrolled motion of the compensating device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1207/KOLNP/2006 A
(43) Publication Date : 27/04/2007

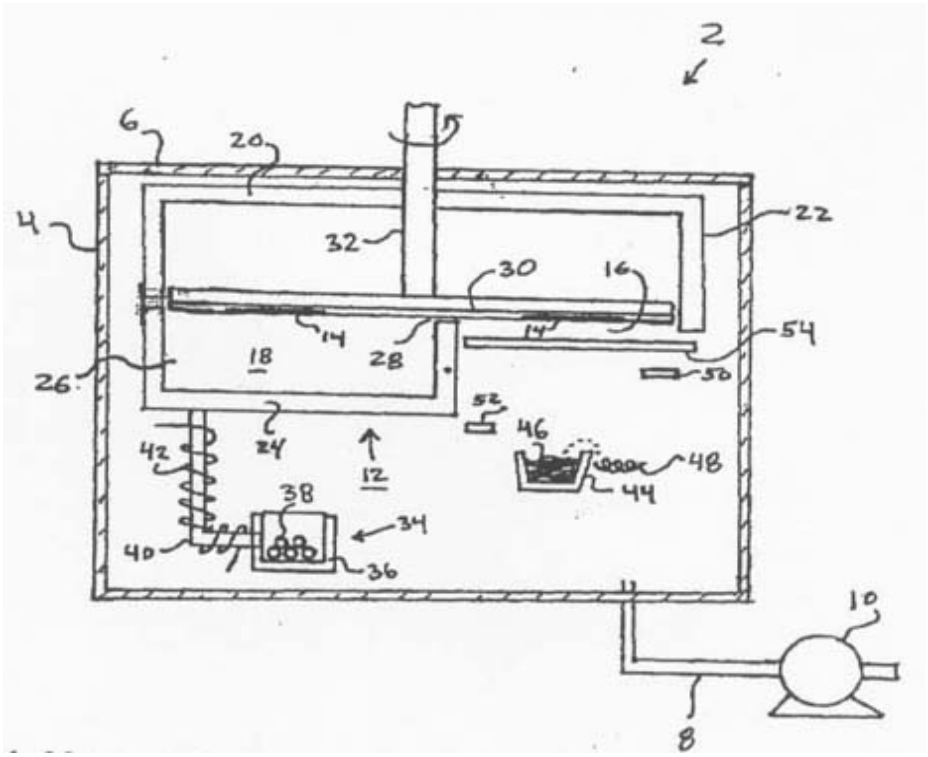
(54) Title of the invention : GROWTH OF IN-SITU THIN FILMS BY REACTIVE EVAPORATION

(51) International classification :H01C 1/00
(31) Priority Document No :10/726,232
(32) Priority Date :01/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038372
Filing Date :16/11/2004
(87) International Publication No :WO/2005/089092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RUBY WARDS

No of Pages : 42
No of Claims : 29

(57)Abstract:
A method of forming MgB2 films in-situ an a substrate includes the steps of (a) depositing boron onto a surface of the substrate in a deposition zone; (b)moving the substrate into a reaction zone containing pressurized, gaseous magnesium; (c) moving the substrate back into the deposition zone; and (d) repeating steps (a)-(c). In a preferred embodiment of the invention, the substrate is moved into and out of the deposition zone and the reaction zone using a rotatable platen.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1208/KOLNP/2006 A
(43) Publication Date : 27/04/2007

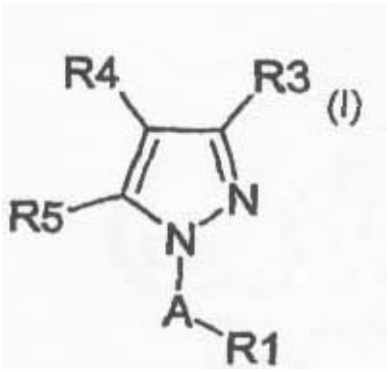
(54) Title of the invention : PYRAZOLYL DERIVATIVES IN THE FORM OF DRUGS FOR TREATING ACUTE OR CHRONIC NEURONAL REGRESSIONS

(51) International classification :C07D 231/20
(31) Priority Document No :03 13775
(32) Priority Date :25/11/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/002968
Filing Date :22/11/2004
(87) International Publication No :WO 2005/051917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)DOERFLINGER, GILLES
5)BOHME, ANDREES
6)TOUYER, GAETAN
7)SABUCO, JEAN-FRANCOIS
8)TERRIER, CORINNE
9)MIGNANI, SERGE
10)EVERS, MICHEL
11)EL-AHMAD, YOUSSEF

No of Pages : 341
No of Claims : 17

(57)Abstract: :
The invention relates to novel derivatives of general formula (I), wherein A, if present, is an alkyl radical (C1-C6), an alkenyl radical (C3-C6), an alkynyl radical (C3-C6), a cycloalkyl radical (C3-C7), a cycloalkenyl radical (C5-C7), R1 is a NR6R7, azacycloalkyl (C4-C7), azacycloalkenyl (C5-C7) azabicycloalkyl (C5-C9) and azabicycloalkenyl (C5-C9) group; A-R1 is such that nitrogen of R1 et nitrogen 1 of pyrazole are indispensably separated by at lest two carbon atoms, R3 is an H, halogen, OH, SH, NH2, ORc, SRc, SORa, SO2Ra, NHCHO, NRaRb, NHC(O)Ra, NHC(S)Ra and NHSO2Ra radical; R4 is an aryl or heteroaryl radical; R5 is a H, halogen, CF3, CHF2, CH2F, linear or branched alkyl (C1-C6) and cycloalkyl (C3-C7) radical, the racemics, enantiomers and diastereoisomers thereof and the mixtures thereof, tautomers thereof and the pharmaceutically acceptable salts thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1209/KOLNP/2006 A
(43) Publication Date : 27/04/2007

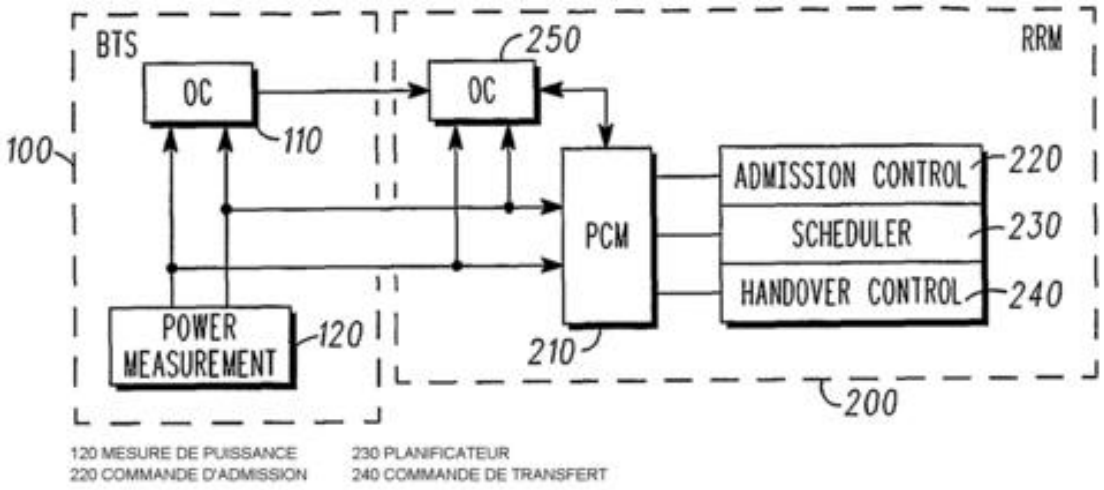
(54) Title of the invention : RADIO RESOURCE MANAGEMENT

(51) International classification :H04B 7/005
(31) Priority Document No :0327798.5
(32) Priority Date :28/11/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/052008
Filing Date :02/09/2004
(87) International Publication No :WO/2005/053184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MOLKDAR, DAVOOD

No of Pages : 19
No of Claims : 13

(57) Abstract :
The present invention relates to radio resource management in a wireless communication system. Specifically, the present invention relates to a method and apparatus for a method of managing downlink radio resources for a multisector bass transceiver site in which power can be shared between the sectors in which radio resource management decisions are made on the basis of modified reported power measurements.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1210/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : FRAME EBASED AUDIO TRANSMISSIONS/STORAGE WITH OVERLAP TO FACILITATE SMOOTH CROSS FADING

(51) International classification :G06F 3/06
(31) Priority Document No :10/712,791
(32) Priority Date :12/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036950
Filing Date :04/11/2004
(87) International Publication No :WO 2005/050651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GUNDRY KENNETH JAMES

No of Pages : 63
No of Claims : 36

(57)Abstract:
This invention relates to a method for splicing PCM audio frames form modified frames by appending to each frame either a portion of the next preceding frame or the next following frame. According to a first approach, splices are obtained by fading up and fading down a frame end and a frame appendage only at a splice point, and overlapping and combining to provide a cross fade at the splice. Alternatively, every frame end and frame appendage is faded up and faded down, overlapped and combined. A subtractive method of providing complementary fade-up and fade-down reduces rounding errors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1211/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LOCATION INFORMATION SYSTEM REFLECTING USER PREFERENCES AND SERVICE PROVIDING METHOD THEREOF

(51) International classification :H04B 7/26
(31) Priority Document No :10-2004-025961
(32) Priority Date :14/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001055
Filing Date :12/04/2005
(87) International Publication No :WO 2005/117295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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No of Pages : 36
No of Claims : 63

(57)Abstract:
For users with user terminals in a wireless or mobile network, a mechanism is provided for returning a representative location based on the user's profile settings and the user's current physical location. The representative location is not the user's actual physical location, but a conceptual location used for reporting the user's physical location in order to activate various functions and capabilities of the user terminal according to where the user is located. By employing representative locations, various necessary information and corresponding relationships between the user's actual location, which may continuously change due to the user's mobility, and the user preferences containing profile settings allowing the user's terminal to operate in a certain manner designated for certain physical locations, are more efficiently handled and managed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1212/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HIGH EFFICIENCY REFRIGERANT BASED ENERGY STORAGE AND COOLING SYSTEM

(51) International classification :F24F 5/00
(31) Priority Document No :60/511,953
(32) Priority Date :15/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034189
Filing Date :15/10/2004
(87) International Publication No :WO 2005/038367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MCRELL, MICHAEL W.

No of Pages : 24
No of Claims : 27

(57)Abstract:
This invention discloses an efficient, energy storage and cooling system that is refrigerant based. When connected to a condensing unit, the system has the ability to store energy capacity during one time period and provide cooling from the stored energy during a second time period. The system requires minimal energy to operate during either time period, and only a fraction of the energy required to operate the system during the first time period is required to operate the system during the second time period using an optional refrigerant pump.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1213/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ELEVATOR

(51) International classification :B66B5/02
(31) Priority Document No :20031708
(32) Priority Date :24/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000705
Filing Date :22/11/2004
(87) International Publication No :WO 2005/049469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :KARTANONTIE 1, FI-00330 HELSINKI, Finland
(72)**Name of Inventor :**
1)MUSTALAHTI JORMA
2)AULANKO ESKO

No of Pages : 34
No of Claims : 10

(57) Abstract :
An elevator, preferably an elevator without counterweight, which has an elevator car (1) suspended by means of a set of hoisting ropes comprising one rope or a plurality of parallel ropes. The elevator has a traction sheave (204) that moves the elevator car (1) by means of the hoisting ropes. The elevator contains rope portions of hoisting ropes going upwards and downwards from the elevator car (1), and it has compensating device (224) acting on the hoisting ropes to equalize and/or compensate rope tension and/or rope elongation. The compensating device (224) acting on the hoisting ropes of the elevator, said compensating device having at least a first range which is a structural operating range of the compensating device and at least a second range which is a preselected compensation range of the compensating device, is provided with at least one switching element (V1, V2) for monitoring whether the compensating device remains within the preselected compensation range.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1214/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR MONITORING TISSUE FLUID CONTENT FOR USE IN AN IMPLANTABLE CARDIAC DEVICE

(51) International classification :A61B 5/053
(31) Priority Document No :10/684,759
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034078
Filing Date :14/10/2004
(87) International Publication No :WO 2005/037367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG, LI
2)CHO, YONG KYUN
3)KUEHN, KEVIN
4)ZILLMER, GLENN, C.

No of Pages : 59
No of Claims : 64

(57)Abstract:
The invention relates to a fluid status monitoring system for use in implantable cardiac stimulation or monitoring devices is provided for monitoring changes in thoracic fluid content, A fluid status monitor includes excitation pulse generating and control circuitry, and voltage and current measurement and control circuitry for performing a series of cardiac-gated, intra-thoracic impedance measurements. The cardiac-gated measurements are filtered or time-averaged to provide a fluid status impedance value, with respiratory noise removed. Based on comparative analysis of the fluid status impedance value, a clinically relevant trend in fluid status may be tentatively diagnosed and a fluid status response provided. Cross-check intra-thoracic impedance measurements performed using the same or a different excitation pathway and a different measurement pathway than the primary intra-thoracic impedance measurement configuration may be used to verify a tentative diagnosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1215/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ARYLALKYL- AND CYCLOALKYLALKYL-PIPERAZINE DERIVATIVES AND METHODS OF THEIR USE

(51) International classification :C07D 209/14
(31) Priority Document No :60/511,002
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033670
Filing Date :13/10/2004
(87) International Publication No :WO 2005/037807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 366
No of Claims : 12

(57) Abstract :
The present invention is directed to arylalkyl- and cycloalkylalkyl-piperazine derivatives, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fibromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibromyalgia, pain, diabetic neuropathy, and combinations thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1216/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METER AND TEST SENSOR BANK INCORPORATING RE-WRITABLE MEMORY

(51) International classification : G01N 33/487
(31) Priority Document No :0324161.9
(32) Priority Date :15/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB04/004321
Filing Date :12/10/2004
(87) International Publication No :WO/2005/040793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)TAYLOR, DAVID
4)HAYTER, PAUL, GRAHAM

No of Pages : 44
No of Claims : 37

(57) Abstract :
A system (2A;26) for conducting a test for an analyte in a physiological fluid comprising a test sensor bank (IB) including more than one test sensor at least initially, for testing for an anaiyte, are-writable memory device (IB;IC) associated with said test sensor bank, a meter (1 A) for conducting a test using a test sensor from the bank, the meter comprising reading means for reading information from the re-writable memory device and a writing means for writing information to ttie re-writable memory device, and transmission means (100A; 100B, 102B) for transmitting information between the rewritable memory and the meter. This invention provides systems, meters and devices, and methods of their use, for measuring a quantity in relation to an analyte in, for example, a physiological fluid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1217/KOLNP/2006 A
(43) Publication Date : 27/04/2007

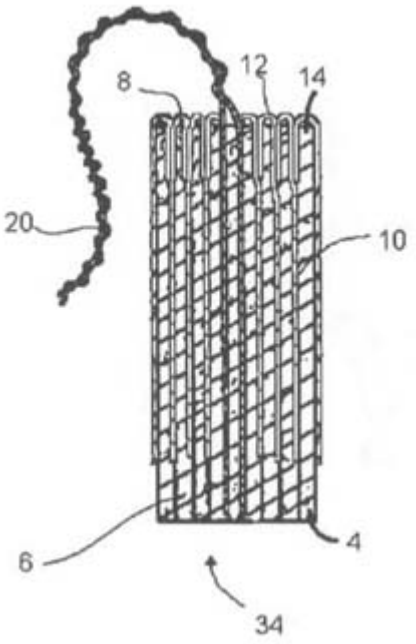
(54) Title of the invention : TAMPON HAVING LIQUID-RESISTANT BASE

(51) International classification : A61F 13/20
(31) Priority Document No :10/700,070
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/012296
Filing Date :29/10/2004
(87) International Publication No :WO 2005/048901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HIPP, WERNER

No of Pages : 18
No of Claims : 39

(57) Abstract :
A tampon has an overwrap material disposed on an absorbent material. The overwrap material has a length greater than the length of the absorbent material and a width generally corresponding to the width of the absorbent material. The overwrap material also has a liquid-permeable zone and a liquid-resistant zone, and the liquid-resistant zone of the overwrap material forms a fold over an edge of the absorbent material disposed at the withdrawal end of the tampon.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1218/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : PURIFICATION OF SILICONE CONTAINING COMPOUNDS BY SUPERCRITICAL FLUID EXTRACTION

(51) International classification :C07F 7/20
(31) Priority Document No :10/699,417
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035883
Filing Date :28/10/2004
(87) International Publication No :WO 2005/044829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ROBERT S. WARD
4)YUAN TIAN
5)SHANGER WANG
6)JAMES M. SERPILIO, JR.

No of Pages : 29
No of Claims : 19

(57) Abstract :
The present invention relates to a process for the purification of silicone containing compounds via supercritical fluid extraction. Specifically, the present invention relates to a process comprising the steps of contacting at least one silicone containing compound with a supercritical fluid having a density of between about 0.2 and about 0.8 g/ml, decreasing said density so that two phases are formed a first phase comprising said at least one silicone containing compound and a second phase comprising at least one impurity and separating said second phase from said first phase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006

(21) Application No.1219/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK

(51) International classification :H01B 11/04
(31) Priority Document No :60/516,007
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034034
Filing Date :14/10/2004
(87) International Publication No :WO/2005/045854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)FORD, Keith
4)GROSH, John W.
5)STUTZMAN, Spring
6)ANDERSON, Roger
7)WIEKHORST, David
8)JOHNSTON, Fred

No of Pages : 57
No of Claims : 42

(57) Abstract :
The present invention relates to cables made of twisted conductor pairs. More specifically, the present invention relates to twisted pair communication cable for high-speed data communication applications. A twisted pair including at least two conductors extends along a generally longitudinal axis, with an insulation surrounding each of the conductors. The conductors are twisted generally longitudinally along the axis. A cable includes at least two twisted pairs and a filler. At least two of the cables are positioned along generally parallel axes for at least a predefined distance. The cables are configured to efficiently and accurately propagate high-speed data signals by, among other functions, limiting at least a subset of the following; impedance deviations, signal attenuation, and alien crosstalk along with predefined distance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2006

(21) Application No.1220/KOLNP/2006 A
(43) Publication Date : 27/04/2007

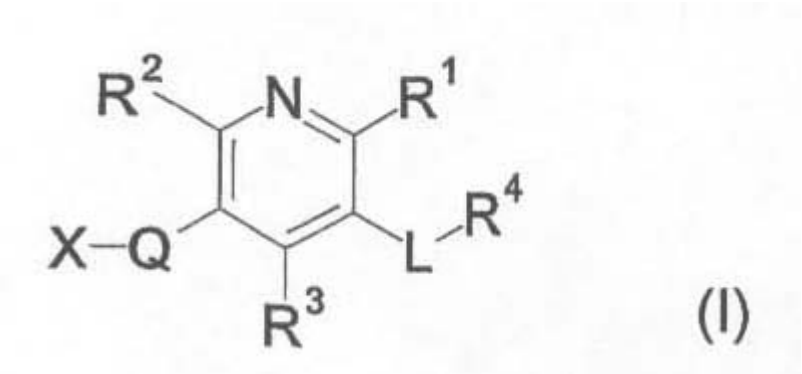
(54) Title of the invention : PYRIDINE COMPOUNDS AS INHIBITORS OF DIPEPTIDYL PEPTIDASE IV

(51) International classification :C07D 213/80
(31) Priority Document No :2003-373776
(32) Priority Date :31/10/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/016457
Filing Date :29/10/2004
(87) International Publication No :WO/2005/042488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)SUZUKI, NOBUHIRO

No of Pages : 428
No of Claims : 19

(57) Abstract :
A compound represented by the formula wherein R and R are the same or different and each is an optionally substituted hydrocarbon group or an optionally substituted hydroxy group; R is an optionally substituted aromatic group; R is an optionally substituted amino group; L is a divalent chain hydrocarbon group; Q is a bond or a divalent chain hydrocarbon group; and X is a hydrogen atom, a cyano group, a nitro group, an acyl group, a substituted hydroxy group, an optionally substituted thiol group, an optionally substituted amino group or an optionally substituted cyclic group; provided that when X is an ethoxycarbonyl group, then Q is a divalent chain hydrocarbon group. The compound has a peptidase inhibitory action, is useful as an agent for the prophylaxis or treatment of diabetes and the like, and is superior in efficacy, duration of action, specificity, lower toxicity and the like.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2006

(21) Application No.1221/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : SUBSTITUTED BENZAZOLES AND USE THEREOF AS INHIBITORS OF RAF KINASE

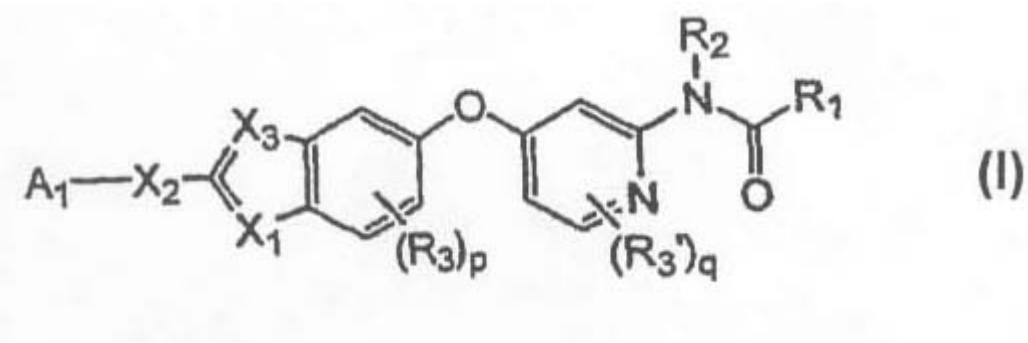
(51) International classification :C07D 401/12
(31) Priority Document No :60/511,966
(32) Priority Date :16/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034179
Filing Date :15/10/2004
(87) International Publication No :WO 2005/037273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)VERHAGEN, JOELLE
4)POON, DANIEL, J.
5)HANSEN, TERESA
6)SHAFER, CYNTHIA
7)MCBRIDE, CHRISTOPHER
8)LEVINE, BARRY, H.
9)COSTALES, ABRAN
10)RENHOWE, PAUL,A

No of Pages : 182

No of Claims : 67

(57) Abstract :
New substituted benzazole compounds of formula (I), compositions and methods of inhibition of Raf kinase activity in a human or animal subject are provided. The new compounds compositions may be used either alone or in combination with at least one additional agent for the treatment of a Raf kinase mediated disorder, such as cancer.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2006

(21) Application No.1222/KOLNP/2006 A
(43) Publication Date : 27/04/2007

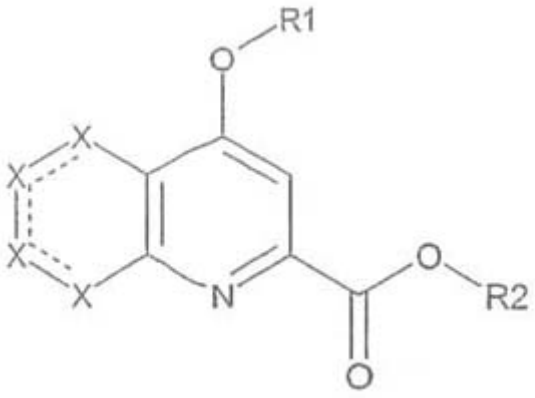
(54) Title of the invention : ACIDIC QUINOLINE DERIVATIVES AND THEIR USE FOR THE PREVENTION AND/OR TREATMENT OF HYPERGLYCAEMIA-RELATED PATHOLOGIES

(51) International classification :A61K 31/47
(31) Priority Document No :03/15402
(32) Priority Date :24/12/2003
(33) Name of priority country :France
(86) International Application No :PCT/EP2004/013662
Filing Date :01/12/2004
(87) International Publication No :WO 2005/063244
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 43
No of Claims : 7

(57) Abstract :
The invention relates to compounds of the general formula (I): in which RI, R2, X, (II) and A are as defined in Claim 1. These compounds can be used in the treatment of hyperglycaemia-related pathologies.



(I)

(II)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1223/KOLNP/2006 A
(43) Publication Date : 27/04/2007

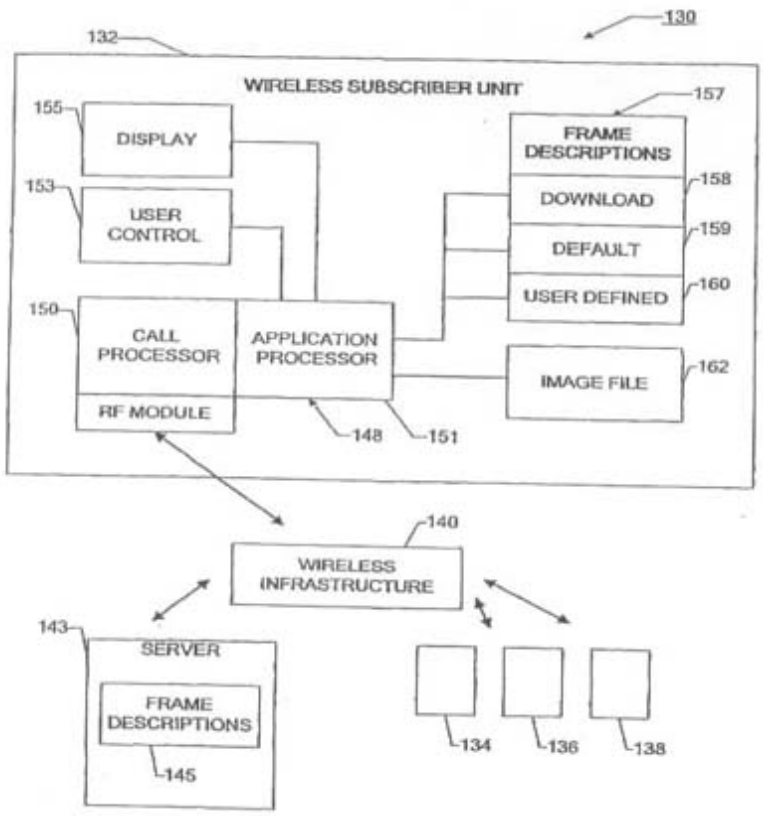
(54) Title of the invention : SYSTEM AND METHOD FOR FRAMING AN IMAGE

(51) International classification :G06T 11/00
(31) Priority Document No :10/701,196
(32) Priority Date :04/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035864
Filing Date :28/10/2004
(87) International Publication No :WO 2005/048197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)RAO, SUMITA

No of Pages : 32
No of Claims : 36

(57) Abstract :
A method of applying a frame to an image is provided, with the method operating on an image processor. The framing method uses a compact and flexible frame description for building a frame in a particular style. The frame description includes one or more graphical frame assets that are indicative of a portion of the frame. A frame rule provides instruction to the image processor on how to process and place the frame asset(s) into the frame, and how to apply the frame to the image. The framed image may then be published for local viewing, remote viewing, printing, or storing.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1224/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATIONS FOR HCV TREATMENT

(51) International classification :A61K 31/7056
(31) Priority Document No :60/514,853
(32) Priority Date :27/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035549
Filing Date :27/10/2004
(87) International Publication No :WO 2005/042020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHANDORKAR GURUDATT
3)PERNI ROBERT B

No of Pages : 37
No of Claims : 22

(57) Abstract :
The present invention relates lo co-administering a Hepatitis C virus NS3/4A protease inhibitor and a cytochrome P450 monooxygenase inhibitor. The combination acts by interfering with the life cycle of the hepatitis C virus and is therefore useful as an antiviral therapy. As such, the combination may be used for treating or preventing Hepatitis C infections in patients. The invention also relates to compositions comprising the combination of inhibitors. The invention also relates to kits and pharmaceutical Kicks comprising a Hepatitis C virus NS3/4A protease inhibitor and a cytochrome P450 monooxygenase inhibitor. The invention also relates to processes for preparing these compositions, combinations, kits, and packs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1225/KOLNP/2006 A
(43) Publication Date : 27/04/2007

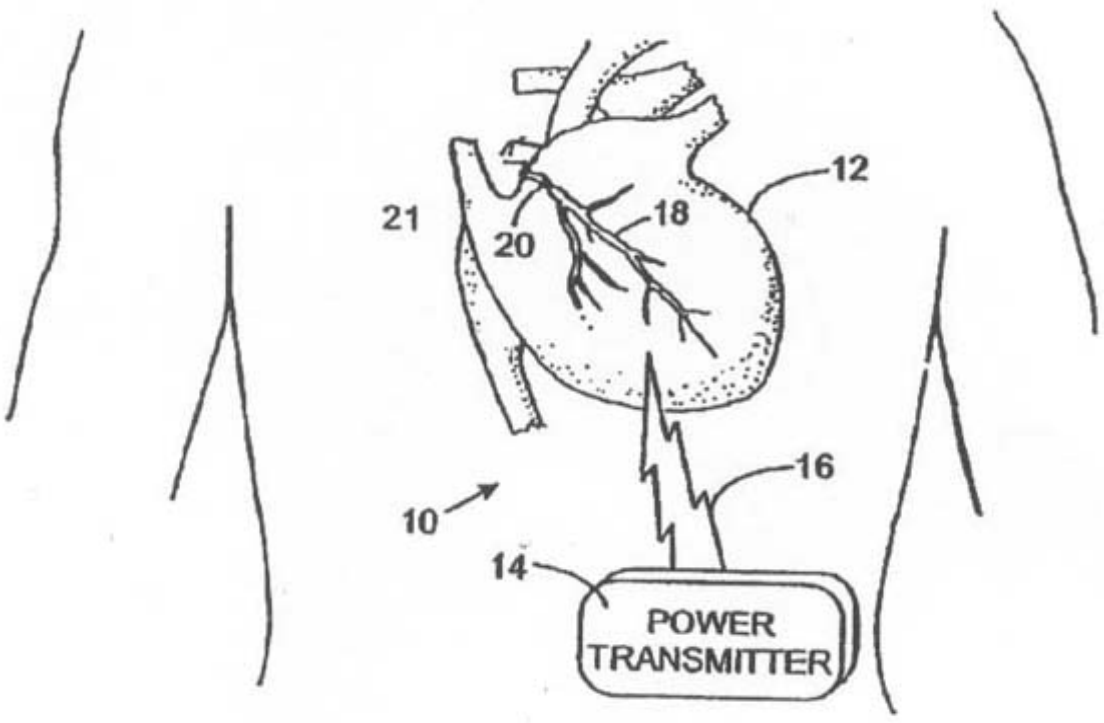
(54) Title of the invention : INTRAVENOUS CARDIAC PACING SYSTEM WITH WIRELESS POWER SUPPLY

(51) International classification :A61N 1/18
(31) Priority Document No :10/700,148
(32) Priority Date :03/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036059
Filing Date :28/10/2004
(87) International Publication No :WO 2005/042083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 19

(57) Abstract :
A cardiac pacemaker includes a power transmitter which periodically transmits a pulse of a radio frequency signal to a vascular electrode-stent that is implanted in a vein or artery of an animal. The vascular electrode-stent employs energy from the radio frequency signal to charge a storage device which serves as an electrical power supply. The vascular elcctrode-stent also detects a cardiac signal emitted from the sinus node of the heart and responds thereto by applying a pulse of voltage from the storage device to a pair of electrodes implanted in the vascular system of the animal. Application of the voltage pulse to the electrodes stimulates contraction of the heart.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1226/KOLNP/2006 A
(43) Publication Date : 27/04/2007

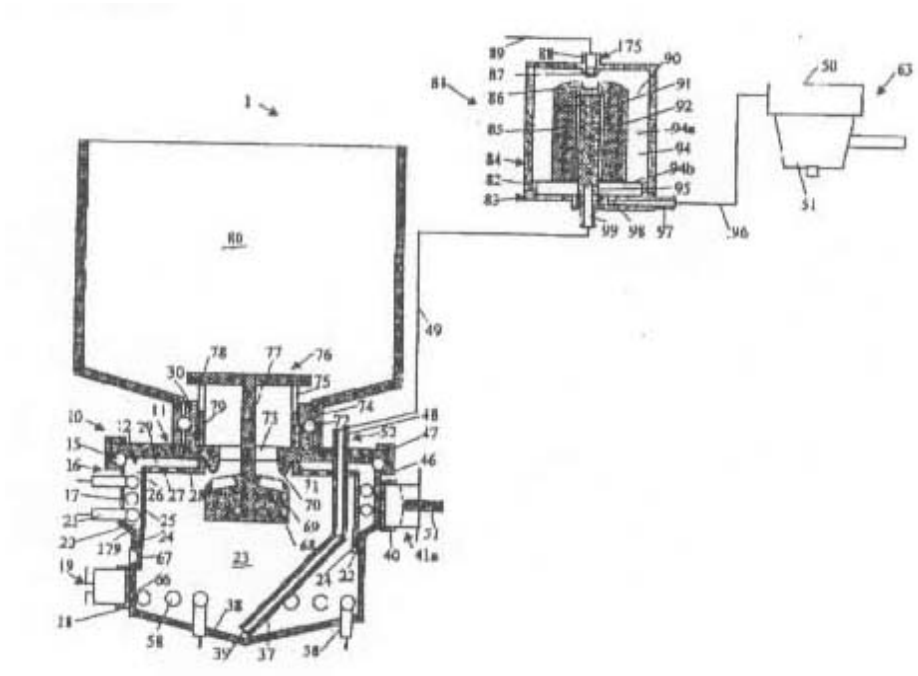
(54) Title of the invention : FLUID DELIVERY SYSTEM FOR GENERATING PRESSURIZED HOT WATER PULSES.

(51) International classification :A47J 31/00
(31) Priority Document No :10/691,031
(32) Priority Date :22/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034154
Filing Date :14/10/2004
(87) International Publication No :WO/2005/041729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CAI, EDWARD Z.

No of Pages : 34
No of Claims : 64

(57) Abstract :
Apparatus for generating and delivering a pressurized hot water pulse to a brewing station comprises a water inlet (30) adapted to close during delivering the pulse, an outlet (52) for the pulse, a generator (10) comprising a water heating chamber (23) for receiving a amount of water via the inlet and for heating the water therein to produce sufficiently hot water for the brewing station, a pressurization chamber (12) for vaporizing water to generate pressurized steam to deliver the hot water as a pressurized hot water pulse to the brewing station through the outlet, and a heating system (21,58) for the heating and the vaporization of the water in said pulse generator. The chamber has a first end adapted to receive pressurized steam and a second end close to the hot water intake port of the inlet. The pressurization chamber is adapted to provide pressurized steam to the first end of the heating chamber in such a manner that substantially no interaction occurs between the pressurized steam and the hot water between the first and second ends of the heating chamber, thereby substantially preventing the overheating of the hot water by the pressurized steam. The pulse generator is adapted to cause water to flow into the pressurization chamber from the water heating chamber or inlet for the generation of the pressurized steam.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1227/KOLNP/2006 A
(43) Publication Date : 27/04/2007

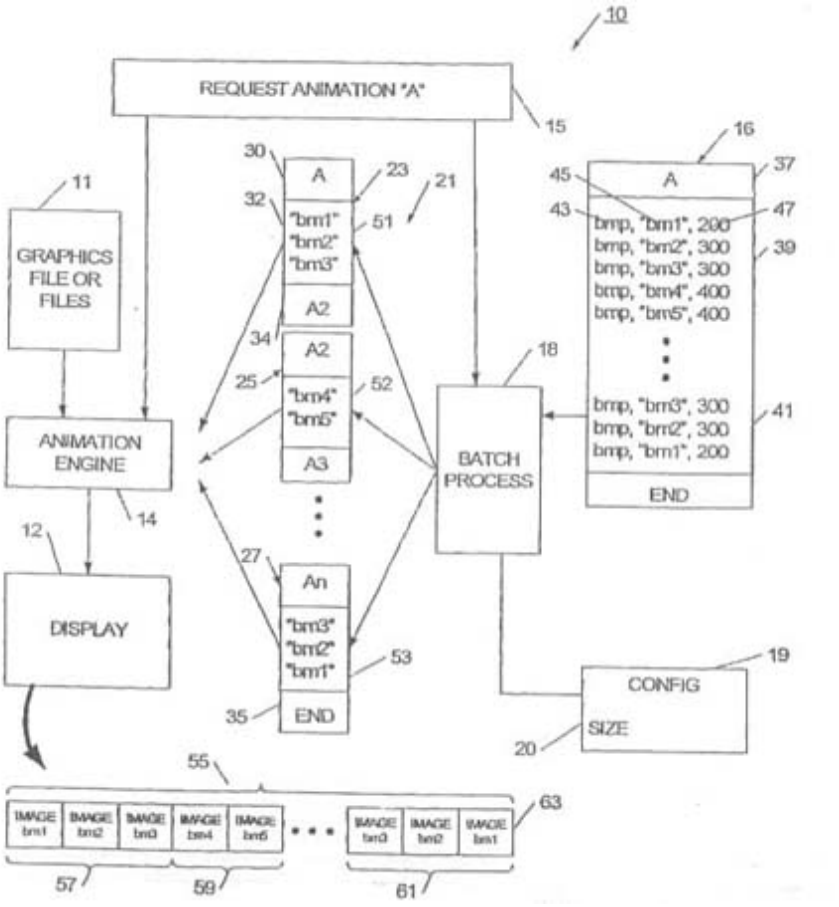
(54) Title of the invention : SYSTEM AND METHOD FOR SEQUENCING MEDIA OBJECTS

(51) International classification :G06F 17/30
(31) Priority Document No :10/713,319
(32) Priority Date :14/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036840
Filing Date :04/11/2004
(87) International Publication No :WO 2005/050487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAO, SUMITA

No of Pages : 32
No of Claims : 30

(57) Abstract :
A method of displaying a long animation is provided. The animation is defined in an animation file, which identifies a set of im-ages that form the animation when sequentially displayed A batch processor segments the set of images into sequential subsets, with each sub-set sized smaller than a maximum size. In this way, all of the images identified in a particular subset may be loaded into memory. Each sub-set of images is associated with a respective seg-ment identifier, and an instruction is provided along with the images to order the subsets In this way, a first subset of images provides for the loading of a second subset of images, thereby enabling the display of long animations.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1228/KOLNP/2006 A
(43) Publication Date : 27/04/2007

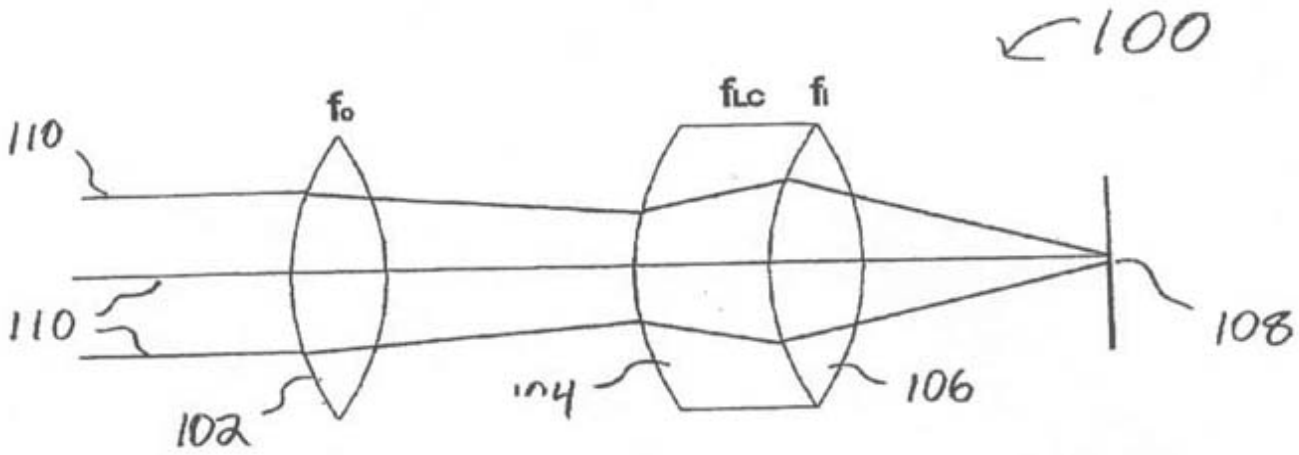
(54) Title of the invention : MOTIONLESS ZOOM LENS

(51) International classification :G02B 15/04
(31) Priority Document No :10/741,968
(32) Priority Date :18/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033889
Filing Date :15/10/2004
(87) International Publication No :WO/2005/067452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 20
No of Claims : 19

(57) Abstract :
Systems and methods are disclosed herein to provide zoom lenses. For example, in accordance with an embodiment of the present invention, a zoom lens is provided with a tunable lens. The focal length of the zoom lens may be varied without mechanically moving or changing the separation between one or more lens components.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006
(21) Application No.1229/KOLNP/2006 A
(43) Publication Date : 27/04/2007

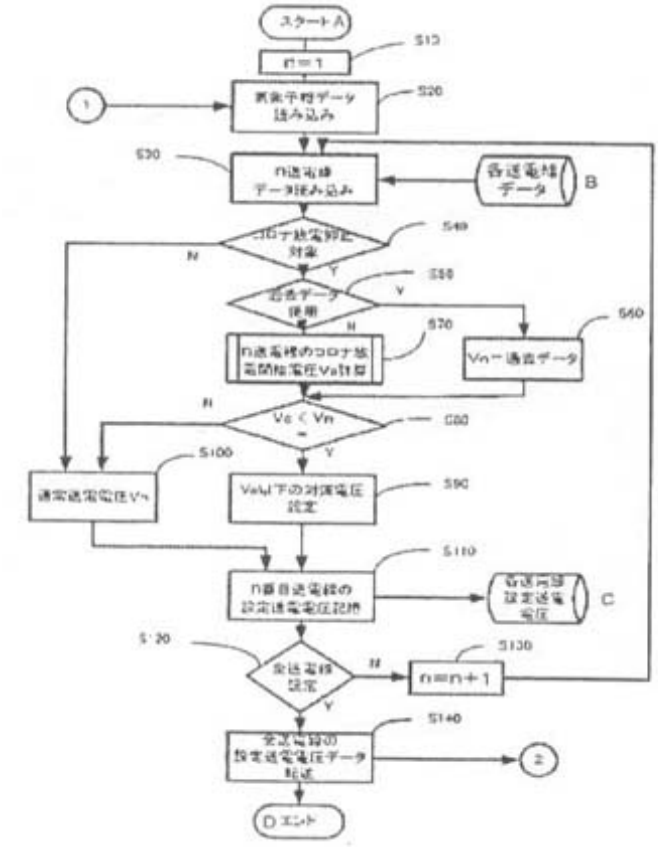
(54) Title of the invention : ELECTRIC POWER SYSTEM SUPPRESSING CORONA DISCHARGE FROM VIEWPOINT OF ENVIRONMENT

(51) International classification	:H02J 3/00
(31) Priority Document No	:2003-373850
(32) Priority Date	:04/11/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/016153
Filing Date	:29/10/2004
(87) International Publication No	:WO 2005/043708
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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No of Pages : 43
No of Claims : 11

(57) Abstract :
Epidemiological surveys show that the risk of suffering from childhood leukemia in places near high-voltage power transmission lines is high. Relevant data and material have been collected and analyzed, with the result that the major factor of the high risk of childhood leukemia is ultraviolet radiation (particularly UV-B, UV-C) generated by corona discharge from high-voltage transmission lines. An electric power system for stably supplying power while suppressing corona discharge generating ultraviolet radiation which may cause health problems of human beings is provided. The voltage at which corona discharge starts varies with weather. Data on weather forecast is inputted for each district every certain time so as to calculate the corona discharge start estimated voltage for each transmission line with a computer. If the calculation result predicts occurrence of corona discharge at normal transmission voltage, the transition voltage is lowered or the power transmission through the transmission line is stopped. Another method of solving the problem is to install corona discharge detecting means on transmission lines near the places where human beings reside. If the means detects corona discharge, the transmission voltage is lowered, or the transmission through the transmission line stopped.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1230/KOLNP/2006 A
(43) Publication Date : 27/04/2007

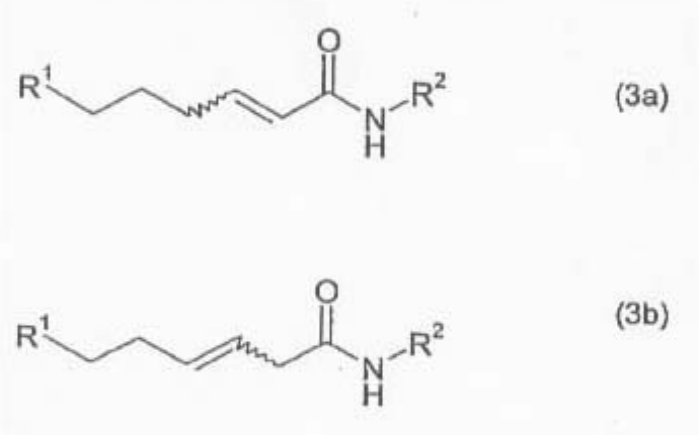
(54) Title of the invention : USE OF ALKENE CARBOXYLIC ACID IN ALKYLAMIDES AS FLAVOURING AGENTS

(51) International classification :C07C 231/02
(31) Priority Document No :103 51 422.8
(32) Priority Date :04/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/052683
Filing Date :28/10/2004
(87) International Publication No :WO 2005/044778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KINDEL, GUNTER
3)KRAMMER, GERHARD

No of Pages : 36
No of Claims : 13

(57) Abstract :
The use of an alkenecarboxylic acid N-alkylamide of the formula or of a mixture of two or more compounds of the formula (3a) and/or (3b), wherein, in each case R1 represents an alkyl radical and R2 represents a lower alkyl radical, as (i) a piquant substance and/or (ii) for generating a sensation of heat on consumption and/or (iii) for intensifying the flavour of ethanol and/or (iv) for imitating the flavour of ethanol, is described.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1231/KOLNP/2006 A
(43) Publication Date : 27/04/2007

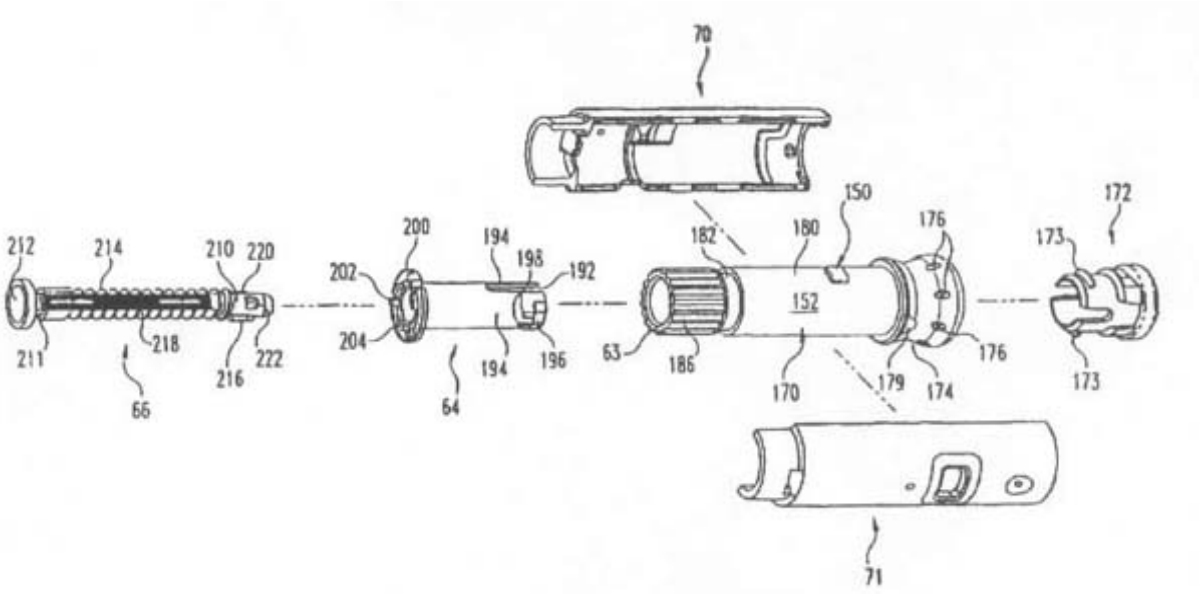
(54) Title of the invention : FIXED DOSE MEDICATION DISPENSING DEVICE

(51) International classification :A61M 5/315
(31) Priority Document No :60/511,735
(32) Priority Date :16/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032304
Filing Date :15/10/2004
(87) International Publication No :WO 2005/039676
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BURROUGHS, ANDREW, CHRISTOPHER
3)BURROUGHS, ANDREW, CHRISTOPHER
4)HIXSON, DAVID, WILLIAM

No of Pages : 31
No of Claims : 10

(57) Abstract :
A guide and follower cooperate to promote a user moving the driver relative to the housing along a travel path that operates the apparatus. The cooperating elements of the nut and the driver are disengaged when the driver is disposed in a reset segment of the travel path, and the cooperating elements of the nut and the driver become engaged when the driver is shifted through a nut engaging segment of the travel path from the reset segment to a nut rotating segment of the travel path. The engagement of the cooperating elements of the nut and the driver cause the nut to screw proximally along the threaded shaft of the drive member when the driver is shifted through the nut rotating segment from the nut engaging segment to an injecting section of the travel path. When the driver is shifted through the injecting section from the nut rotating segment to the reset segment, the nut and the drive member are shifted in the distal direction to axially advance a fluid container piston to dispense medicine, and the cooperating elements of the nut and the driver become disengaged.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1232/KOLNP/2006 A
(43) Publication Date : 27/04/2007

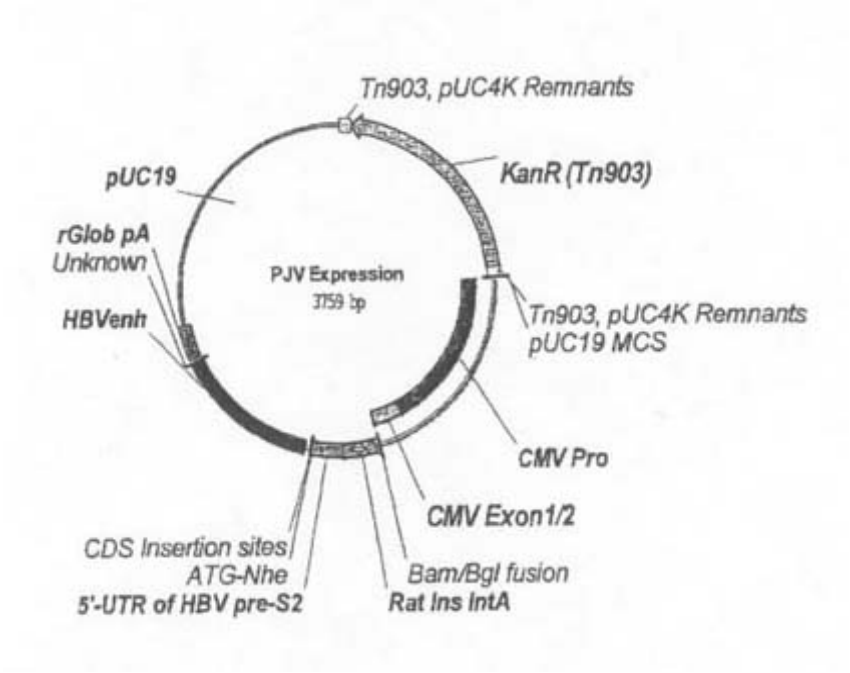
(54) Title of the invention : NUCLEIC ACID CONSTRUCTS

(51) International classification :C07K 14/02
(31) Priority Document No :60/509,936
(32) Priority Date :10/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2004/004279
Filing Date :11/10/2004
(87) International Publication No :WO 2005/035771
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2711 CENTERVILLE ROAD, SUITE 400, WILMINGTON, DE 19808 U.S.A.
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1)FULLER, JAMES

No of Pages : 125
No of Claims : 48

(57) Abstract :
Nucleic Acid Constructs A nucleic acid construct comprising a chimeric promoter sequence and a cloning site for insertion of a coding sequence in operable linkage with the chimeric promoter, wherein the chimeric promoter sequence comprises: (a) a hCMV immediate early promoter sequence; (b) expm 1 and at least a part of exon 2 of the hCMV major immediate early gene; and (c) a heterologus intron provided in place of the intron A region of the hCMV major immediate early gene.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1233/KOLNP/2006 A
(43) Publication Date : 27/04/2007

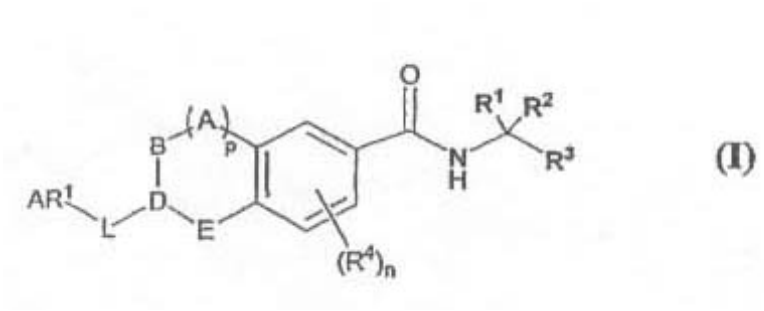
(54) Title of the invention : MODULATORS OF CELLULAR ADHESION

(51) International classification :C07D 401/06
(31) Priority Document No :60/517,535
(32) Priority Date :05/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036942
Filing Date :05/11/2004
(87) International Publication No :WO/2005/044817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BARR, KENNETH
3)OSLAB, JOHAN, D.
4)OSLAB, JOHAN, D.
5)ZHONG, MIN

No of Pages : 177
No of Claims : 75

(57) Abstract :
The present invention provides compounds having formula (I): and pharmaceutically acceptable derivative wherein R1-R4, n, p, A, B, D, E, L and AR1 are as described generally and in classes and subclasses herein, and additionally pharmaceutical compositions thereof, and methods for the use thereof for the treatment of disorders mediated by the CD family of cellular adhesion molecules (e.g., LFA-1).



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1234/KOLNP/2006 A
(43) Publication Date : 27/04/2007

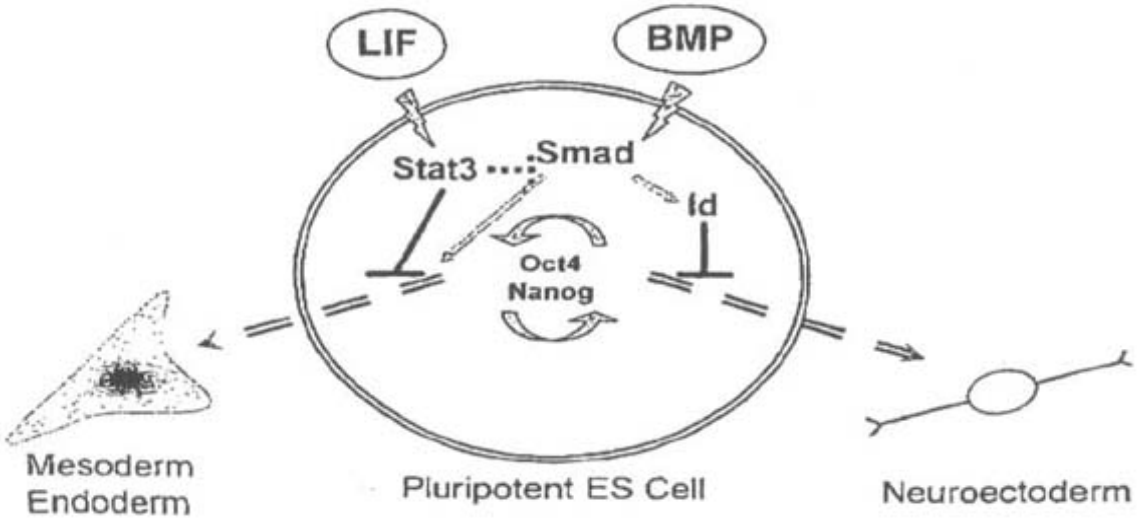
(54) Title of the invention : CONTROL OF ES CELL SELF-RENEWAL AND LINEAGE SPECIFICATION, AND MEDIUM THEREFOR

(51) International classification :C07K 14/475
(31) Priority Document No :0324270.8
(32) Priority Date :16/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/004401
Filing Date :15/10/2004
(87) International Publication No :WO 2005/038010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)YING QI-LONG
3)NICHOLS JENNIFER

No of Pages : 64
No of Claims : 30

(57) Abstract :
Self renewal of pluripotent cells in culture is promoted using a combination of an id gene product and an activator of a gpl30 downstream signaling pathway.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1235/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : CARBON-CARBON CROSS COUPLING CATALYZED BY TRANSITION METALS ON SOLID SUPPORTS

(51) International classification :B01J 21/00
(31) Priority Document No :60/524,554
(32) Priority Date :24/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/039015
Filing Date :19/11/2004
(87) International Publication No :WO2005/051869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 22
No of Claims : 40

(57) Abstract :
The present invention provides methods of coupling carbon-containing compounds using a transition metal or transi-tion metal complex on a solid support. The solid support can include alkaline earth metal salts, including carbonate and sulfate salts. The transition metals can include palladium or nickel metal. The method can include combining two carbon containing compounds and a transition metal or transition metal complex on a solid support in the presence of a solvent, desirably an alcohol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1236/KOLNP/2006 A
(43) Publication Date : 27/04/2007

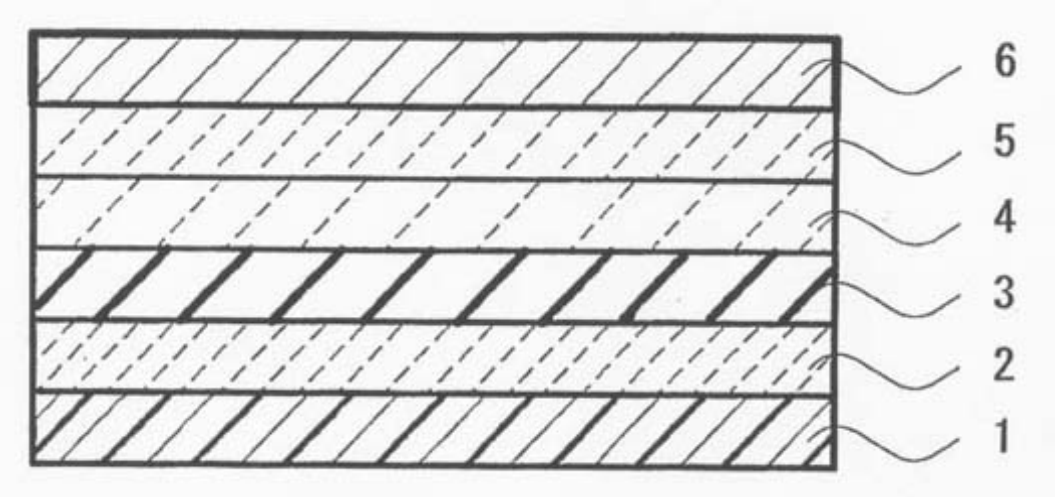
(54) Title of the invention : OPTICAL RECORDING MEDIUM AND PROCESS FOR PRODUCING THE SAME, SPATTERING TARGET, USING PROCESS OF OPTICAL RECORDING MEDIUM, AND OPTICAL RECORDING APPARATUS

(51) International classification :C23C 14/06
(31) Priority Document No :2003-380304
(32) Priority Date :10/11/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/016899
Filing Date :08/11/2004
(87) International Publication No :WO 2005/049333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)SHINKAI, MASARU
6)OHKURA, HIROKO

No of Pages : 92
No of Claims : 32

(57) Abstract :
The object of the present invention is to provide an optical recording medium and the like that is adapted to higher density and higher speed recording of 8 times or more than that of DVD (about 28 m/sec or more) and that exhibits superior repeating and reservation properties. In order to attain the object an optical recording medium is provided that comprises a substrate, and a recording layer, wherein at least one of recording, reproducing, erasing, and rewriting of information is carried out by means of reversible phase changes at marks on the recording layer, the reversible phase changes at marks are induced between crystalline and amorphous states by laser irradiation, the length of the respective marks is 0.4 mm or less in the traveling direction of the laser irradiation, and the recording layer has a composition expressed by the formula: InaSbb, wherein a and b are atomic percent of the respective elements; 0.73 <= beta/(alpha+beta) <= 0.90, alpha + beta = 100, alternatively a composition expressed by the formula: MgammaIn<= beta/(alpha+beta) <= 0.90, 0 < gamma < alpha, alpha + beta + gamma = 100.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1237/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : USE OF EFFECTORS OF GLUTAMINYL AND GLUTAMATE CYCLASES

(51) International classification :A61K 31/00
(31) Priority Document No :60/512,038
(32) Priority Date :15/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/011630
Filing Date :15/10/2004
(87) International Publication No :WO 2005/039548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HOFFMANN TORSTEN
3)NIESTROJ ANDRE JOHANNES
4)DEMUTH HANS-ULRICH
5)HEISER ULRICH

No of Pages : 116
No of Claims : 13

(57) Abstract :
The present invention provides novel physiological substrates of mammalian glutaminyl cyclase (QC, EC 2.3.2.5), new effectors of QC and the use of such effectors and pharmaceutical compositions comprising such effectors for the treatment of diseases that can be treated by modulation of QC-activity, e.g. diseases selected from the group consisting of duodenal cancer with or w/o Heliobacter pylori infections, colorectal cancer, Zolliger-Ellison syndrome, Familial British Dementia and Familial Danish Dementia.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1238/KOLNP/2006 A
(43) Publication Date : 27/04/2007

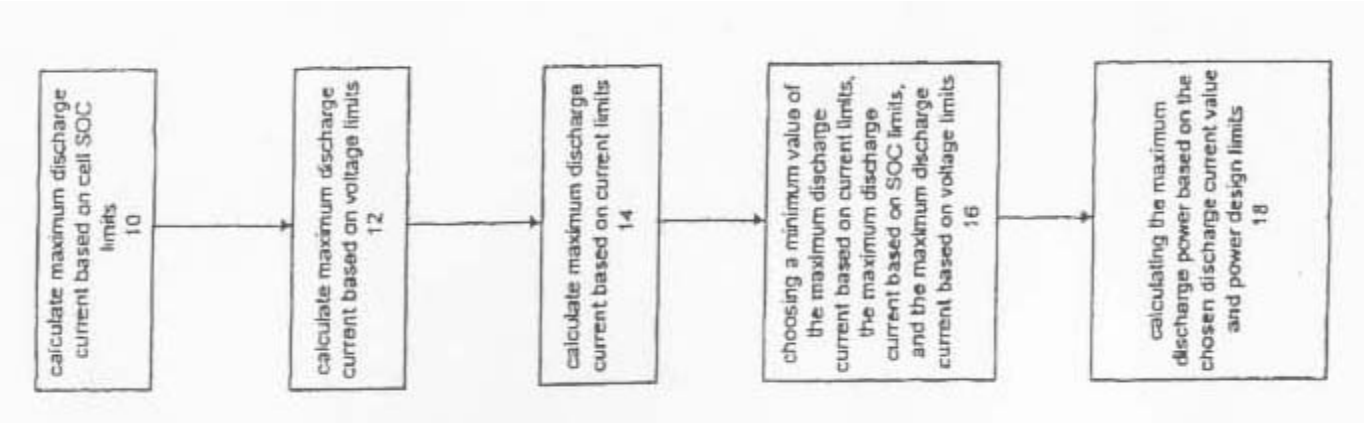
(54) Title of the invention : METHOD FOR CALCULATING POWER CAPABILITY OF BATTERY PACKS USING ADVANCED CELL MODEL PREDICTIVE TECHNIQUES

(51) International classification :G01N 27/416
(31) Priority Document No :60/524,326
(32) Priority Date :20/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2004/003001
Filing Date :19/11/2004
(87) International Publication No :WO/2005/050810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 53
No of Claims : 74

(57) Abstract :
The present invention relates to a method and an apparatus for estimating discharge and charge power of battery applications, including battery packs used in Hybrid Electric Vehicles (HEV) and Electric Vehicles (EV). One charge/discharge power estimating method incorporates voltage, state-of-charge (SOC), power, and current design constraints and works for a user-specified prediction time horizon of Ã„t. At least two cell models are used in calculating maximum charge/discharge power based on voltage limits. The first is a simple cell model that uses a Taylor-series expansion to linearize the equation involved. The second is a more complex and accurate model that models cell dynamics in discrete-time state-space form. The cell model can incorporate a inputs such as temperature, resistance, capacity, etc. One advantage of using model-based approach is that the same model may be used in both Kalman-filtering to produce the SOC and the estimation of maximum charge/discharge current based on voltage limits.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1239/KOLNP/2006 A
(43) Publication Date : 27/04/2007

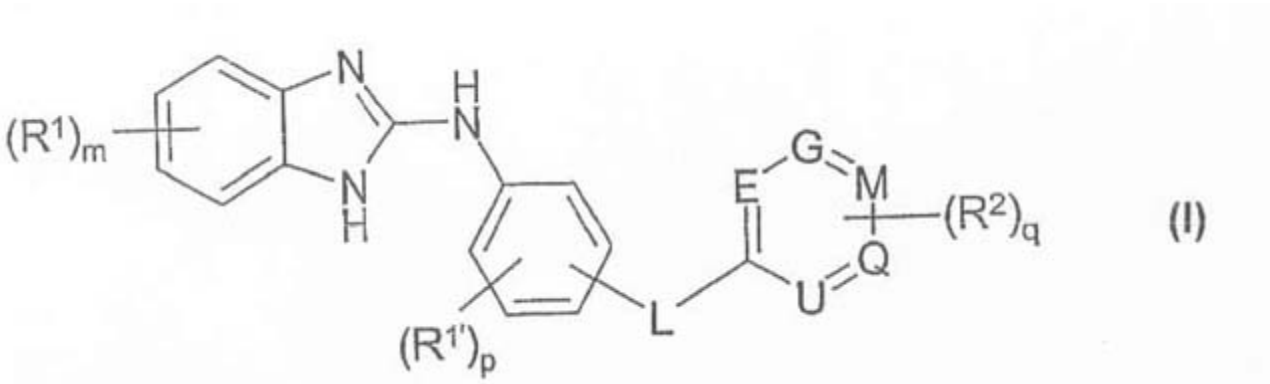
(54) Title of the invention : BENZIMIDAZOLYL DERIVATIVES

(51) International classification :C07D 401/12
(31) Priority Document No :10349587.8
(32) Priority Date :24/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/011550
Filing Date :14/10/2004
(87) International Publication No :WO 2005/042520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)JONCZYK, ALFRED
4)RAUTENBERG, WILFRIED

No of Pages : 91
No of Claims : 36

(57) Abstract :
The invention relates to the novel compounds of formula (I) wherein R, R, L, E, G, M, Q, U, R, m, p and q are defined as in claim 1. The novel compounds are tyrosinkinase inhibitors, especially TIE-2 inhibitors, and Raf kinase inhibitors and can be used in the treatment of tumors.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1240/KOLNP/2006 A
(43) Publication Date : 27/04/2007

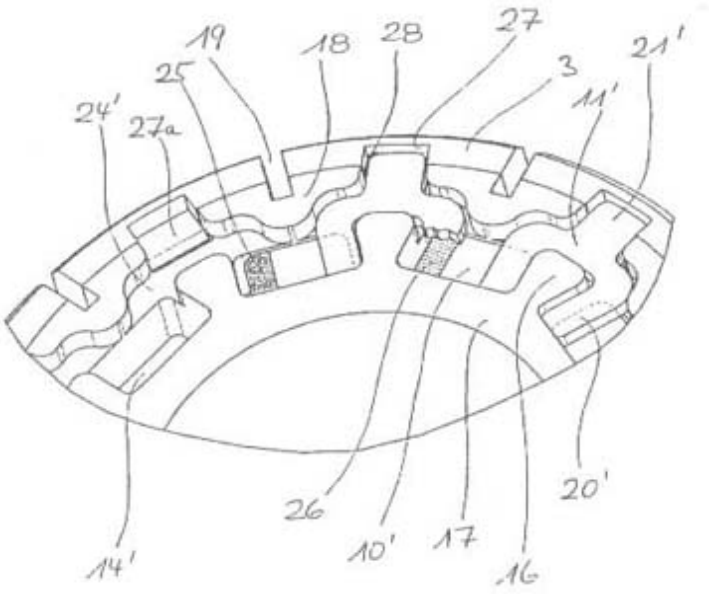
(54) Title of the invention : COMMUTATOR FOR AN ELECTRIC MACHINE

(51) International classification :H01R39/54
(31) Priority Document No :103 54 220.5
(32) Priority Date :20/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/013004
Filing Date :17/11/2004
(87) International Publication No :WO 2005/050820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 27
No of Claims : 22

(57) Abstract :
A commutator for an electric machine comprises a support member made from insulating molding compound, a plurality of metal conductor segments (3), disposed thereon in evenly spaced manner around the commutator axis, with terminal elements disposed thereon for a rotor winding, and an interference-suppression device, to which the conductor segments are connected in electrically conductive manner. This interference-suppression device comprises a number, corresponding to the number of conductor segments (3), of individual interference-suppression elements (10') disposed around the commutator axis, and an equally large number of contact bridges (11'), each of which connects two mutually adjacent interference-suppression elements (10') to one another in electrically conductive manner, the contact bridges (11') each being provided with two inwardly directed legs (20'), which are flexible relative to one another in circumferential direction and are connected to the two associated interference-suppression elements in electrically conductive manner, and with one outwardly directed foot portion (21'), which is connected to the associated conductor segment in electrically conductive manner.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1241/KOLNP/2006 A
(43) Publication Date : 27/04/2007

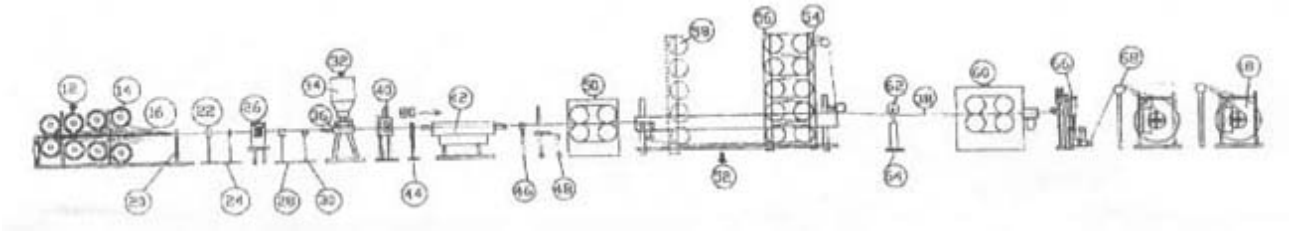
(54) Title of the invention : FLEXIBLE TRACTION ELEMENT

(51) International classification	:B60K6/00, B29C47/02
(31) Priority Document No	:2081/03
(32) Priority Date	:05/12/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH04/000721
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/054569
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)PHILLIPS, RICHARD
4)HODZIC, JASIM

No of Pages : 20
No of Claims : 21

(57) Abstract :
The invention relates to a flexible traction organ (38) that can be wound and unwound, in particular for passenger and/or goods lifts, said organ comprising at least one stranded cable (16) consisting of a tensile resistant material. The core strand (124) of each stranded cable (16) is surrounded by a flexible thermoplastic plastic layer (126). A production line (10) for embedding several stranded cables (16) in a flexible thermoplastic plastic (39) comprises a respective reel (14) for unwinding the stranded cable (16), a device (24) for accurately aligning the stranded cable (16), a heating element (26, 28, 30) for pre-heating the stranded cable (16), at least one extruder (32) for co-extruding the stranded cable (16) in a flexible plastic sheathing, a cooling vat (42), a reel storage unit (52), a cutting unit (66) and a reserve reel (18). The extruder (32), a wire guide (74) and at least one die (76) can be adjusted individually, conjointly and in relation to one another on a plane (P) that runs at an angle to the cable plane (E). The unwound stranded cables (16) are degreased and/or pre-treated to improve the adhesion of the plastic sheathing, are pre-heated to a temperature of approximately Â± 20 DEG C in relation to the melting temperature of the flexible, thermoplastic plastic that surrounds the core strand (124) and are sheathed with liquefied plastic (86) in the extruder (32).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1242/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS OF INHIBITING THE ADHERENCE OF LENSES TO THEIR PACKING MATERIALS

(51) International classification :A61K 47/38
(31) Priority Document No :60/517,434
(32) Priority Date :05/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036812
Filing Date :05/11/2004
(87) International Publication No :WO 2005/044322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FRANK MOLOCK
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No of Pages : 13
No of Claims : 22

(57) Abstract :
Methods of reducing the adherence of lenses to hydrophobic packing materials using particular surfactants are disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1243/KOLNP/2006 A
(43) Publication Date : 27/04/2007

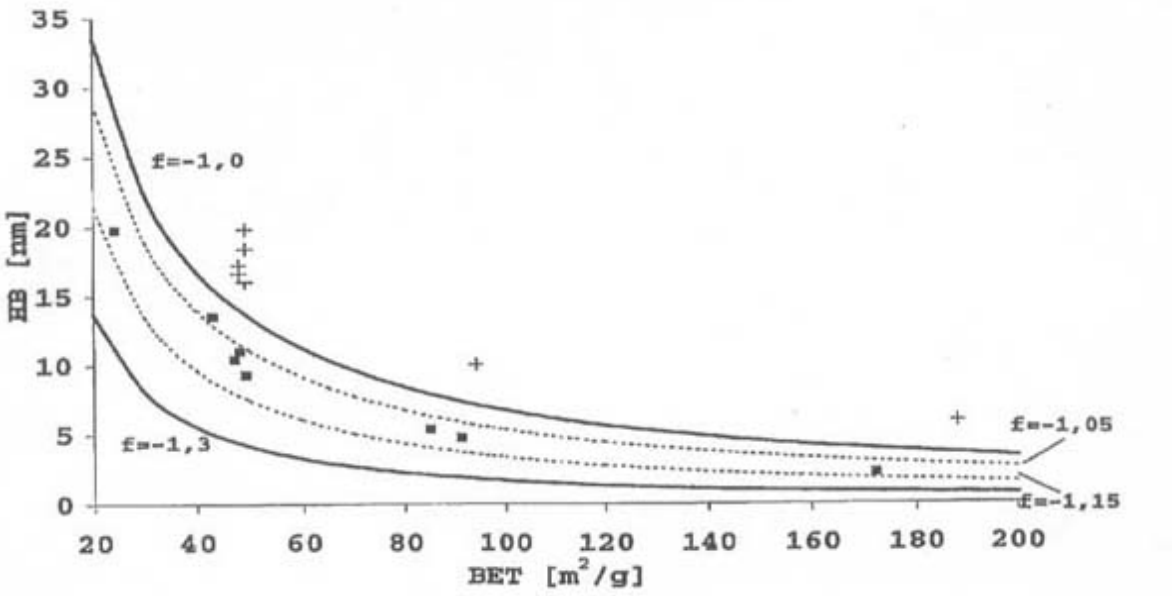
(54) Title of the invention : FLAME-HYDROLYTICALLY PRODUCED TITANIUM DIOXIDE POWDER

(51) International classification :C01G 23/07
(31) Priority Document No :103 57 508.1
(32) Priority Date :03/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/013317
Filing Date :24/11/2004
(87) International Publication No :WO/2005/054136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 27
No of Claims : 20

(57) Abstract :
Flame-hydrolytically produced titanium dioxide powder that is present in the form of aggregates of primary particles, and has a BET surface of 20 to 200 m/g, a half width (HW) [nm] of the primary particle distribution of HW = a x BETf where a = 670x10-9 m /g and -1.3 <= f <= -1.0 and the proportion of particles with a diameter of more than 45 mum lies in a range from 0.0001 to 0.05 wt.%. The powder is produced by a process in which a titanium halide is vapourised at temperatures of less than 200 DEG C, the vapours are transferred to a mixing chamber by means of a carrier gas of defined moisture content and, separately from this, hydrogen, primary air, which may optionally be enriched with oxygen and/or preheated, and steam are added to the mixing chamber, following which the reaction mixture is combusted in a reaction chamber sealed from the ambient air, secondary air is in addition introduced into the reaction chamber, the solid is then separated from gaseous substances, and following this the solid is treated with steam. The titanium dioxide powder may be used for the heat stabilisation of polymers.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2006

(21) Application No.1244/KOLNP/2006 A
(43) Publication Date : 27/04/2007

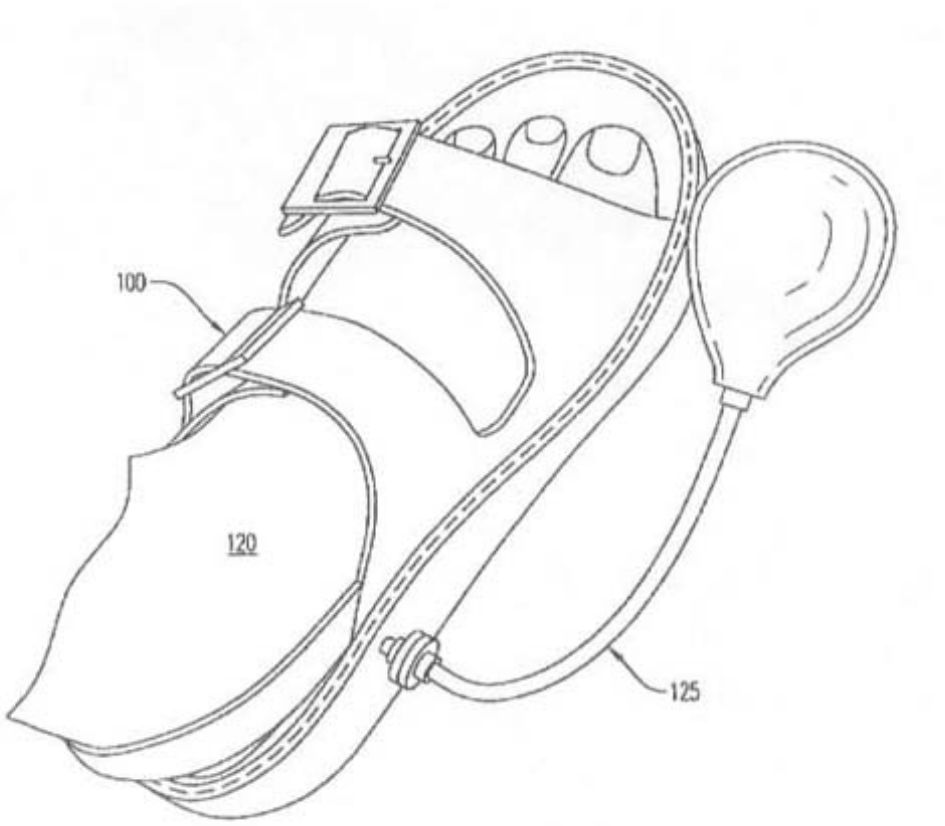
(54) Title of the invention : METHOD TO CAPTURE AND SUPPORT A 3-D CONTOUR

(51) International classification :G06T
(31) Priority Document No :60/511,015
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033869
Filing Date :14/10/2004
(87) International Publication No :WO/2005/038706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 129
No of Claims : 119

(57) Abstract :
A method and system for a 3-D (three-dimensional) capture system including a flexible housing defining a substantially airtight reservoir therein, a volume of particles disposed in the reservoir, a volume of a gas and/or a liquid disposed in the reservoir; and a valve system in communication with the reservoir for selectively permitting the removal of at least the volume of the gas and/or the liquid therefrom. The captured 3-D impression is selectively erasable.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1245/KOLNP/2006 A
(43) Publication Date : 27/04/2007

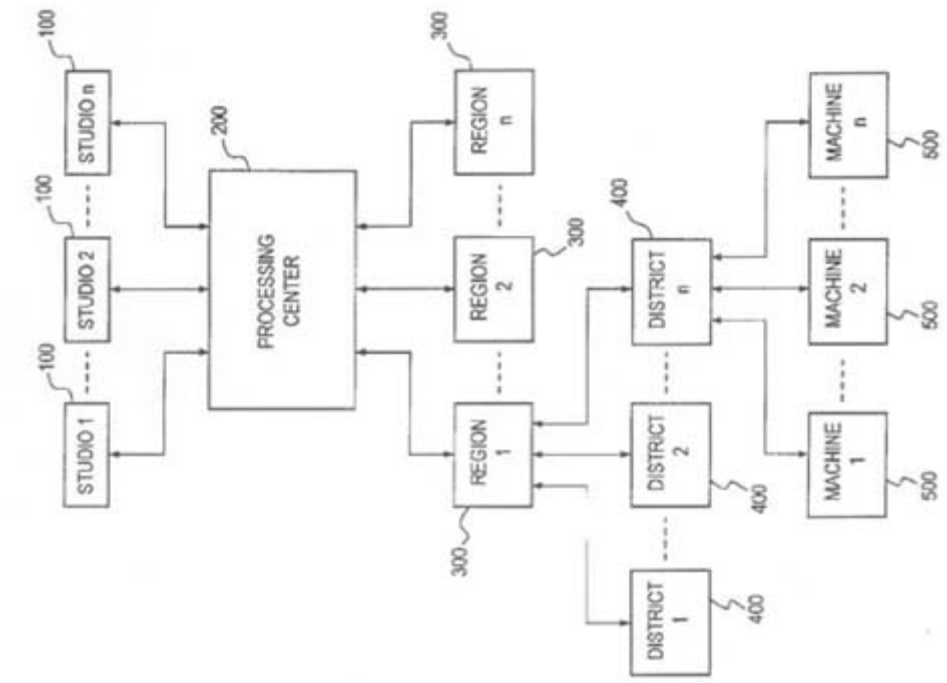
(54) Title of the invention : SYSTEM FOR DISTRIBUTING AND VENDING DATA

(51) International classification :G06F
(31) Priority Document No :60/516,090
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036030
Filing Date :29/10/2004
(87) International Publication No :WO 2005/043325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 24
No of Claims : 28

(57) Abstract :
A system for distributing and vending data. The system includes a processing center (200) adapted to collect data and a plurality of vending machines (500) adapted to receive data from the processing center., Copies of the data collected by the processing center are distributed to the vending machines and vended by the machines. In some embodiments the data may be collected by the processing center and distributed to the vending machines by a telecommunications link-(250). The data may be secured to prevent interception and unauthorized use of the data A method employs the system.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1246/KOLNP/2006 A
(43) Publication Date : 27/04/2007

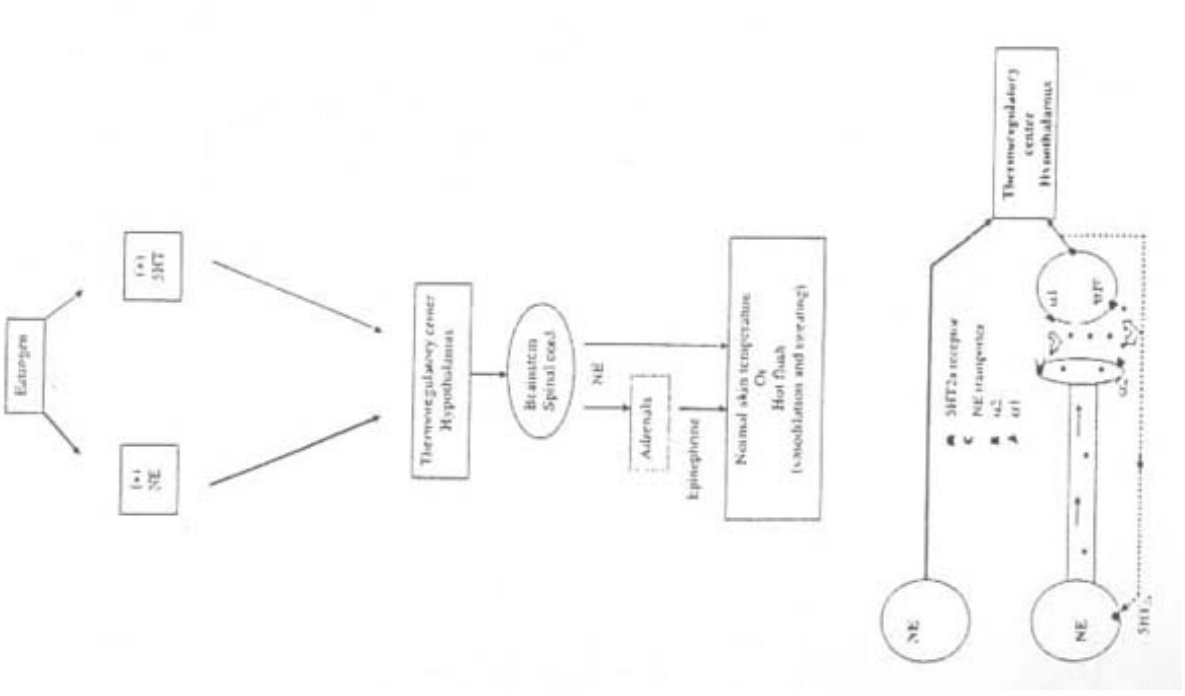
(54) Title of the invention : SUBSTITUTED ARYL CYCLOALKANOL DERIVATIVES AND METHODS OF THEIR USE

(51) International classification :C07D 295/088
(31) Priority Document No :60/510,943
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033990
Filing Date :13/10/2004
(87) International Publication No :WO/2005/037809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)KRIM, LORI, DANIELLE
6)YE, FEI
7)MAHANEY, PAIGE, ERIN
8)COHN, STEPHEN, TODD

No of Pages : 383
No of Claims : 40

(57) Abstract :
The present invention is directed to substituted aryl cycloalkanoyl derivatives, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fibromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibromyalgia, pain, diabetic neuropathy, and combinations thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1247/KOLNP/2006 A
(43) Publication Date : 27/04/2007

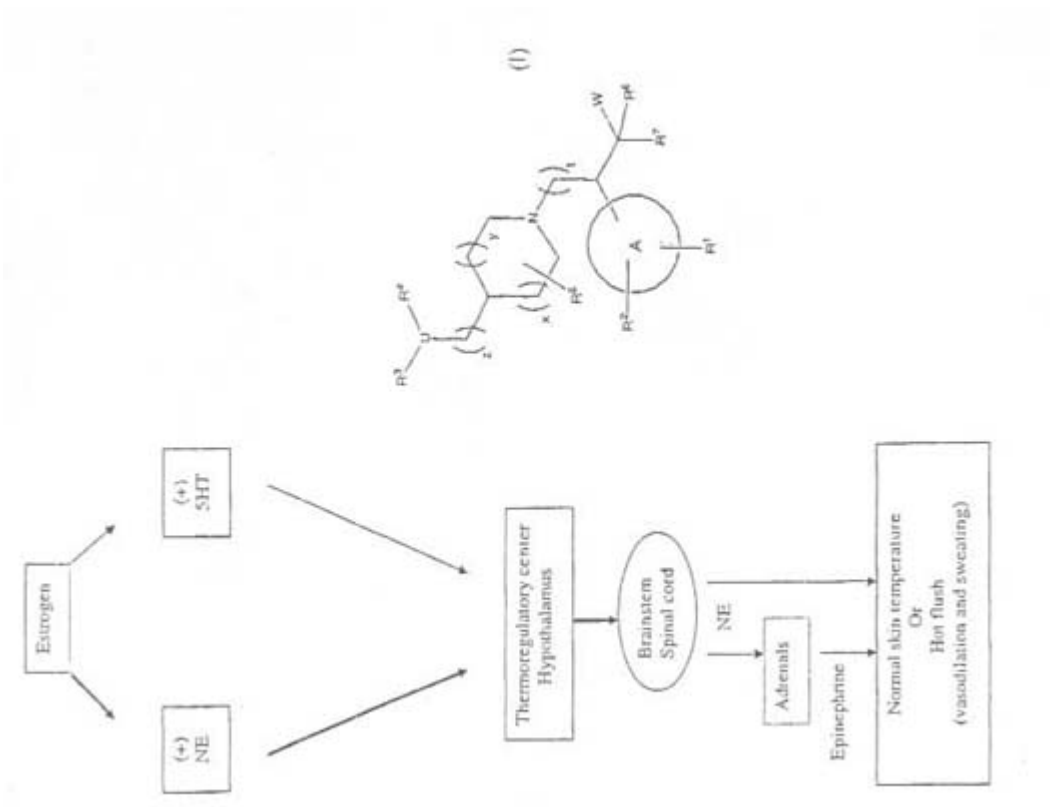
(54) Title of the invention : "1- 2' (1, 4'-BIPERIDIN-1'-YL)-1- (PHENYL) -ETHYL CYCLOHEXANOL DERVATIVES AS MONOAMINE REUPTAKE MODULATORS FOR THE TREATMENT OF VISOMOTOR SYMPTOMS"

(51) International classification :A61K 31/40
(31) Priority Document No :60/511,042
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033732
Filing Date :13/10/2004
(87) International Publication No :WO 2005/037279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JENKINS, DOUGLAS, JOHN

No of Pages : 392
No of Claims : 19

(57) Abstract :
The present invention is directed to substituted N-heterocycle derivatives of formula (I), compositions containing these derivatives, and their use in the manufacture of a medicament for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fibromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibromyalgia, pain, diabetic neuropathy, and combinations thereof wherein : A is phenyl, naphthyl, thiophenyl, pyridinyl, furanyl, benzofuranyl, isobenzofuranyl, xanthenyl, pyrrolyl, indolizinyl, isoindolyl, indolyl, or benzothiophenyl, where 1 to 3 carbon atoms of said A is optionally replaced with a nitrogen atom; U is N or O; W is H or OR; the other substituents are defined in the claims.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1248/KOLNP/2006 A
(43) Publication Date : 27/04/2007

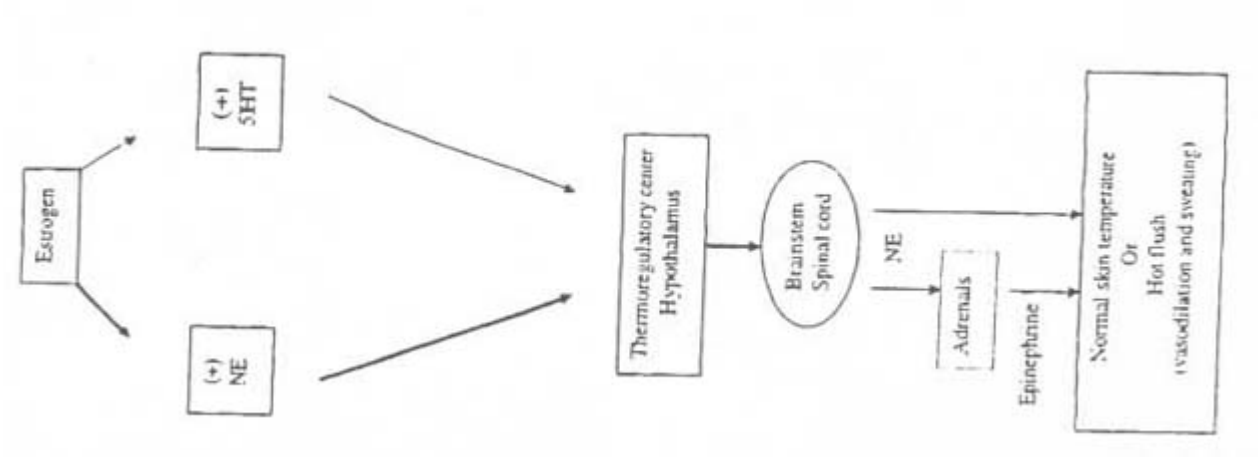
(54) Title of the invention : ALKANOL AND CYCLOALKANOL-AMINE DERIVATIVES AND METHODS OF THEIR USE

(51) International classification :A61K 31/495
(31) Priority Document No :60/510,942
(32) Priority Date :14/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033730
Filing Date :13/10/2004
(87) International Publication No :WO 2005/037207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MAHANEY, PAIGE, ERIN
3)KRIM, LORI, DANIEELE
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5)SABATUCCI, JOSEPH, PETER

No of Pages : 351
No of Claims : 36

(57) Abstract :
The present invention is directed to alkanoyl and cyclojikanoyl-amine derivatives, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoaminc reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, nc gastrointestinal and genitourinary disorders, chronic fatigue syndrome, flbromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibromyalgia, pain, diabetic neuropathy, and combinations thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1249/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : TETRAZOLE DERIVATIVES AND METHODS OF TREATMENT OF METABOLIC-RELATED DISORDERS THEREOF

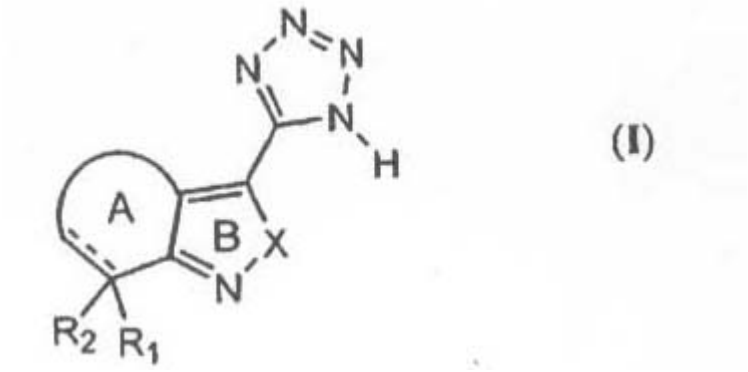
(51) International classification :C07D 403/04
(31) Priority Document No :60/516,238
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035927
Filing Date :29/10/2004
(87) International Publication No :WO 2005/044816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)IMBRIGLO, JASON, E.
7)JUNG, JAE-KYU
8)LIANG, RUI
9)RAGHAVAN, SUBHAREKHA
10)SCHMIDT, DARBY
11)TATA, JAMES, R.

No of Pages : 92

No of Claims : 41

(57) Abstract :
The present invention relates to certain tetrazoie derivatives of Formula (I), and pharmaceutically acceptable salts thereof, which exhibit useful pharmacological properties, for example, as agonists for the RUP25 receptor. Also provided by the present invention are pharmaceutical compositions containing compounds of the invention, and methods of using the compounds and compositions of the invention in the treatment of metabolic-related disorders, including dyslipidemia, atherosclerosis, coronary heart disease, insulin resistance, type 2 diabetes, Syndrome-X and the like. In addition, the present invention also provides for the use of the compounds of the invention in combination with other active agents such as those belonging to the class of #-g}u-. cosidase inhibitors, aldose reductase inhibitors, biguanides, HMG-CoA reductase inhibitors, squalene synthesis inhibitors, fibrates, LDL catabolism enhancers, angiotensin converting enzyme (ACE) inhibitors, insulin secretion enhancers and the like.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1250/KOLNP/2006 A
(43) Publication Date : 27/04/2007

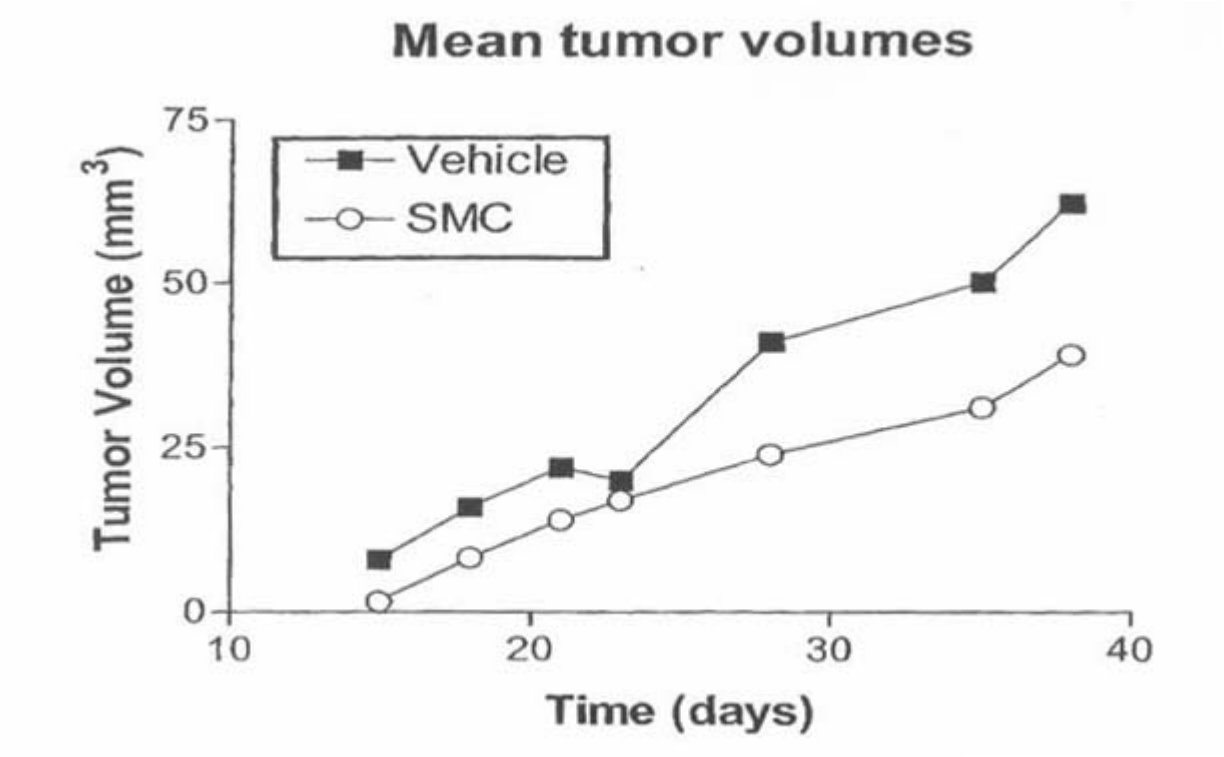
(54) Title of the invention : COMPOSITIONS AND METHODS FOR DETECTING AND TREATING DISEASES AND CONDITIONS RELATED TO CHEMOKINE RECEPTORS

(51) International classification :G01N 33/566
(31) Priority Document No :10/698,541
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034807
Filing Date :19/10/2004
(87) International Publication No :WO/2005/044792
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 97
No of Claims : 45

(57) Abstract :
Ligands of CCX-CKR2 and the biological role of CCX-CKR2 in cancer is described.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1251/KOLNP/2006 A
(43) Publication Date : 27/04/2007

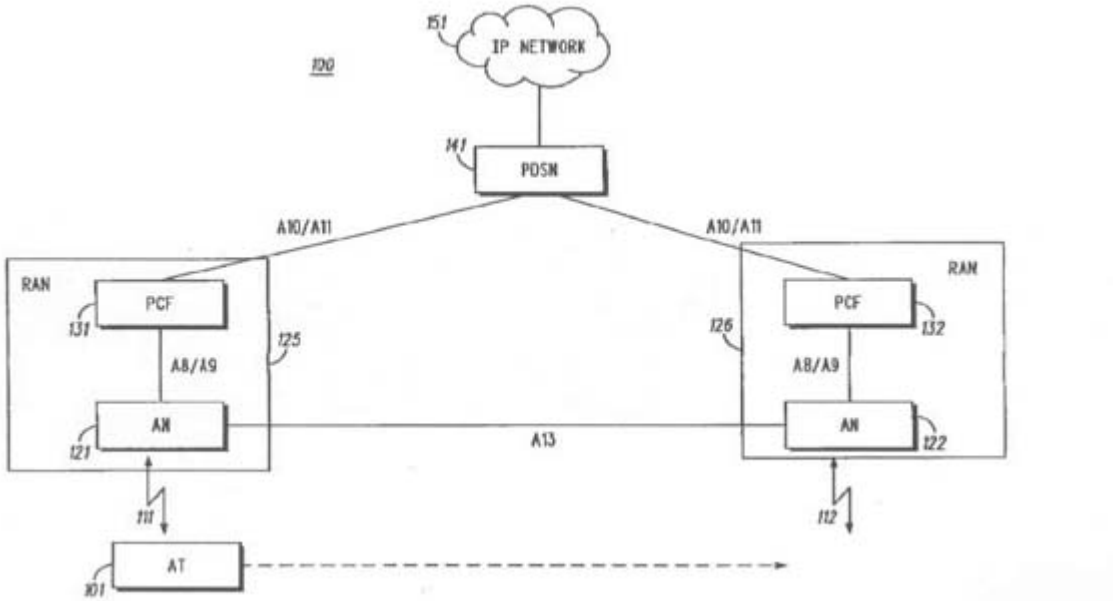
(54) Title of the invention : METHOD AND APPARATUS TO FACILITATE INTER-AN HRPD HARD HANDOFF

(51) International classification :H04Q 7/00
(31) Priority Document No :60/611,762
(32) Priority Date :21/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/032831
Filing Date :15/09/2005
(87) International Publication No :WO 2006/033940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 48
No of Claims : 41

(57) Abstract :
Various embodiments are described to address the need for reduced handoff delays associated with inter-AN (access network) HRPD (High Rate Packet Data)/1XEV-DO handoffs. The disclosed approach enables an AT (101) with an active packet data session to perform a hard handoff from a source AN (121, 221) to a target AN (122, 222) without having to force the data session dormant. Unlike known hard handoff approaches that involve coordination by a mobile switching center (MSC), the disclosed approach uses peer-to-peer signaling with no MSC involvement, such as that between source and target ANs or PCFs (131, 132, 231, 232). For example, data session information at the source side is transferred via new A13 messaging to the source entity's target-side peer to otherwise reduce signaling between the source and target equipment.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2006

(21) Application No.1252/KOLNP/2006 A
(43) Publication Date : 27/04/2007

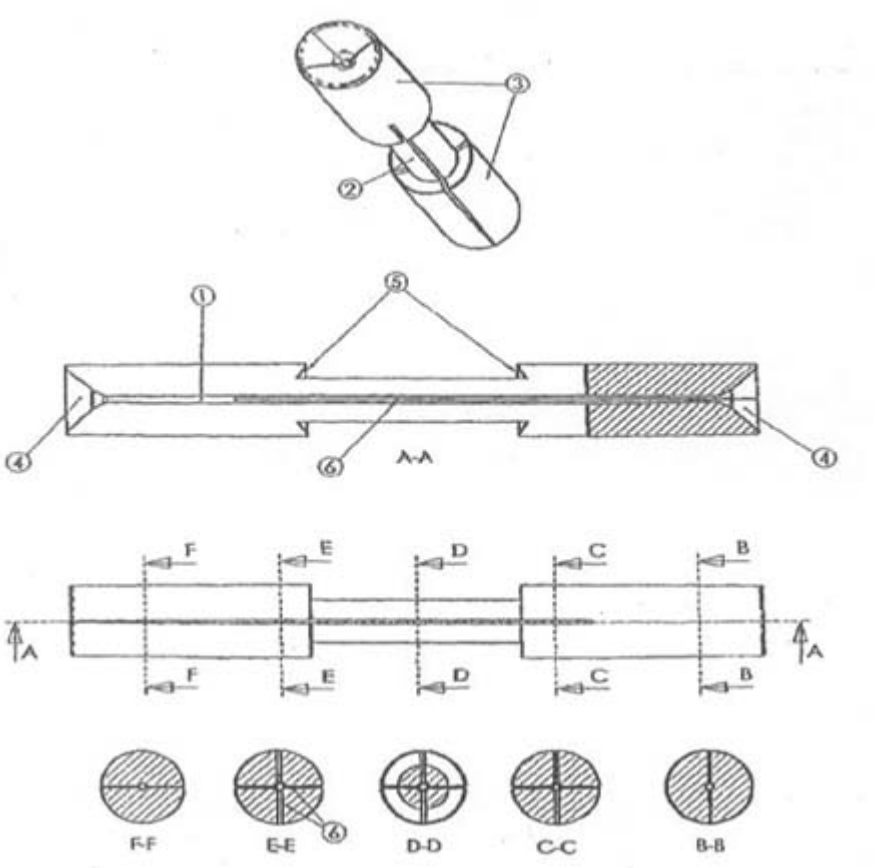
(54) Title of the invention : FLEXIBLE FERRUBLE DEVICE FOR CONNECTION OF OPTICAL FIBER AND USE THEREOF

(51) International classification :G02B 6/38
(31) Priority Document No :2,446,533
(32) Priority Date :24/10/2003
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2004/001855
Filing Date :21/10/2004
(87) International Publication No :WO 2005/040876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 22
No of Claims : 12

(57) Abstract :
An optical female connector assembly for connecting optical fibers for use in optical communication systems. A method for connecting the optical fibers using the ferrule connector assembly and the use of a tool are also disclosed. The optical ferrule connector assembly maintains the two optical fibers in an end-to-end alignment, with a minimal air layer in between the ends, using clamps (3) and end cones (4), in order to allow the light signal to be transmitted from one optical fiber to the other optical fiber with the minimal attenuation and reflection losses. Furthermore, the optical ferrule connector assembly comprises longitudinal slots (6) to provide flexibility to the connector assembly, therefore, preventing the crushing of the optical fibers.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1253/KOLNP/2006 A
(43) Publication Date: 27/04/2007

(54) Title of the invention: EXTENDED RELEASE PHARMACEUTICAL DOSAGE FORM

(51) International classification : A61K 9/24
(31) Priority Document No :03256438.7
(32) Priority Date : 13/10/2003
(33) Name of priority country : U.K.
(86) International Application No : PCT/EP2004/011339
Filing Date : 11/10/2004
(87) International Publication No : WO 2005/039527
(61) Patent of Addition to Application Number : NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3) ARMSTRONG, IAN
4) PROVOST, JAMES, ANDREW

No of Pages : 22
No of Claims: 22

(57) Abstract :
This invention relates to novel extended release pharmaceutical dosage forms for orally delivering drugs to mammals, e.g., humans. More particularly, this invention concerns novel dosage forms of water soluble drugs such as venlafaxine, enantiomeric (R or S) forms of venlafaxine, metabolites of venlafaxine such as 0-desmethyl venlafaxine (ODV) or enantiorneric (R or S) forms of said metabolites which dosage forms have an extended release profile when taken orally. This invention also provides processes for preparing such dosage forms and methods of using them.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1254/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention: EXTENDED RELEASE TABLET FORMULATIONS OF VENLAFAXINE

(51) International classification	: A61K 31/137
(31) Priority Document No	:03256439.5
(32) Priority Date	: 13/10/2003
(33) Name of priority country	: EUROPEAN UNION
(86) International Application No Filing Date	: PCT/EP2004/011384 : 12/10/2004
(87) International Publication No	: WO 2005/039555
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72) **Name of Inventor:**
1)ROWLEY, MICHAEL
2)POTTS, ANGELA
3)SIMS, EDWARD

No of Pages : 23
No of Claims : 23

(57) Abstract:
This invention relates to an extended release tableted dosage formulation of the antidepressant venlafaxine hydrochloride or an optical form thereof having improved bioavailability.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1255/KOLNP/2006 A
(43) Publication Date: 27/04/2007

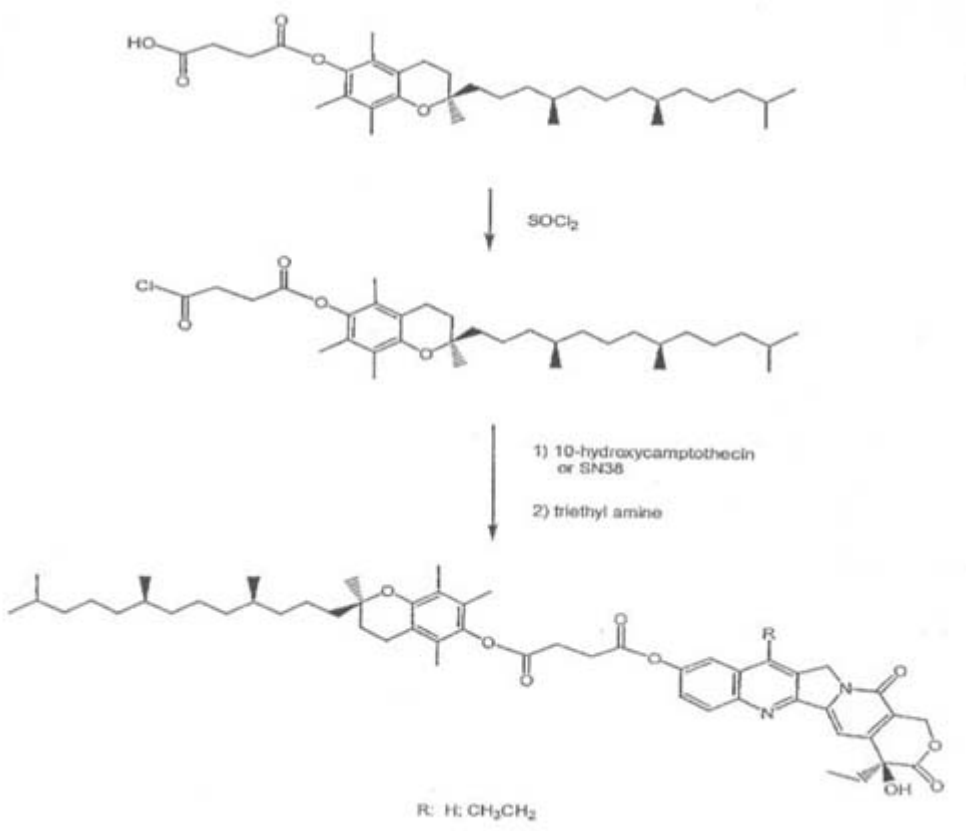
(54) Title of the invention: TOCOPHEROL-MODIFIED THERAPEUTIC DRUG COMPOUNDS

(51) International classification : A61K 31/337
(31) Priority Document No : 60/515,364
(32) Priority Date : 29/10/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/036127
Filing Date : 29/10/2004
(87) International Publication No : WO 2005/042539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) SONUS PHARMACEUTICALS, INC.
Address of Applicant: 22026, 20TH AVENUE SE, BOTHELL, WA 98021 U.S.A.
(72) **Name of Inventor:**
1) ZHANG, YUEHUA
2) GOLD, LYNN, C

No of Pages : 81
No of Claims : 48

(57) Abstract:
Tocopherol-modified therapeutic drug compounds; emulsion, microemulsion, and micelle formulations that include the compounds; methods for making the compounds and formulations; methods for administering the compounds and formulations; and methods for treating conditions using the compounds and formulations.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1256/KOLNP/2006 A
(43) Publication Date: 27/04/2007

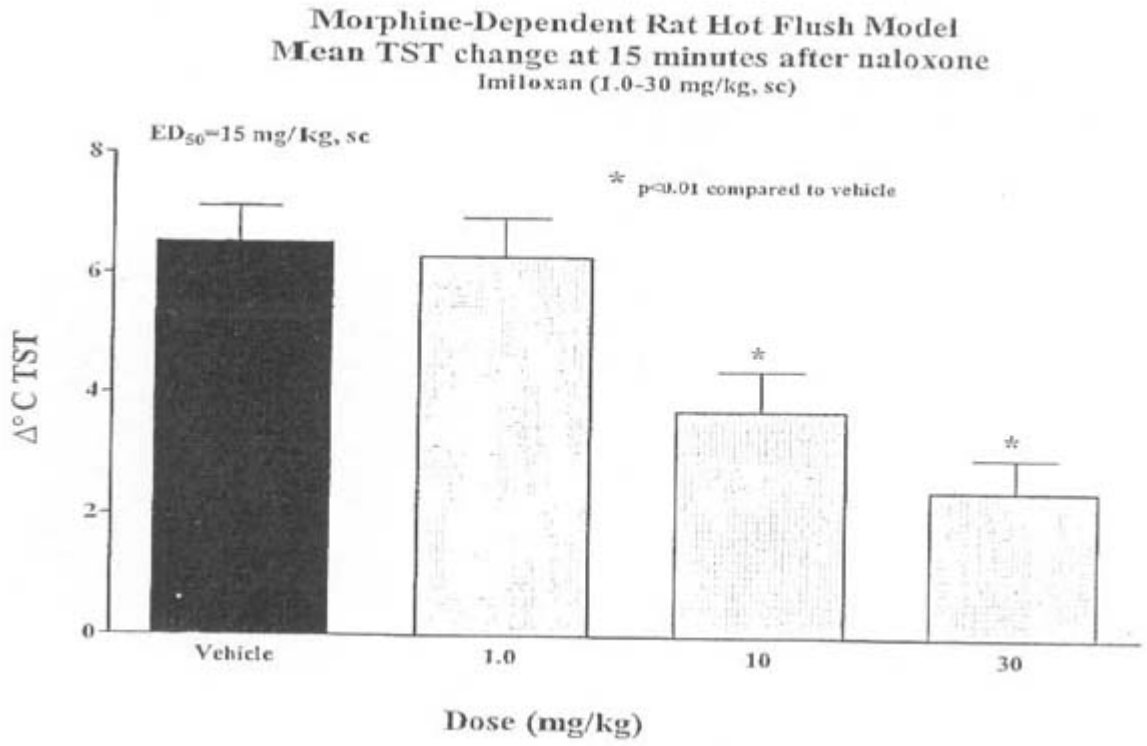
(54) Title of the invention: METHOD OF TREATING VASOMOTOR SYMPTOMS

(51) International classification : A61K 31/00
(31) Priority Document No : 60/510,897
(32) Priority Date : 14/10/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/033754
Filing Date : 13/10/2004
(87) International Publication No : WO 2005/037260
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH
Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A.
(72)**Name of Inventor :**
1)DEECHER, DARLENE, COLEMAN
2)BEYER, CHAD, EDWARD
3)LEVENTHAL, LIZA

No of Pages: 42
No of Claims : 34

(57) Abstract:
The present invention relates to selective adrenergica2B antagonists alone, selective adrenergicalpha2B antagonists in combination with norepinephrine reuptake inhibitors (NRI)(as a single compound or as a combination of two or more compounds), or selective adrenergicalpha2B antagonists in combination with dual norepinephrine reuptake inhibitors/serotonin reuptake inhibitors (NRI/SRI)(as a single compound or as a combination of two or more compounds) and methods of their use in the treatment of vasomotor symptoms.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1257/KOLNP/2006 A
(43) Publication Date: 27/04/2007

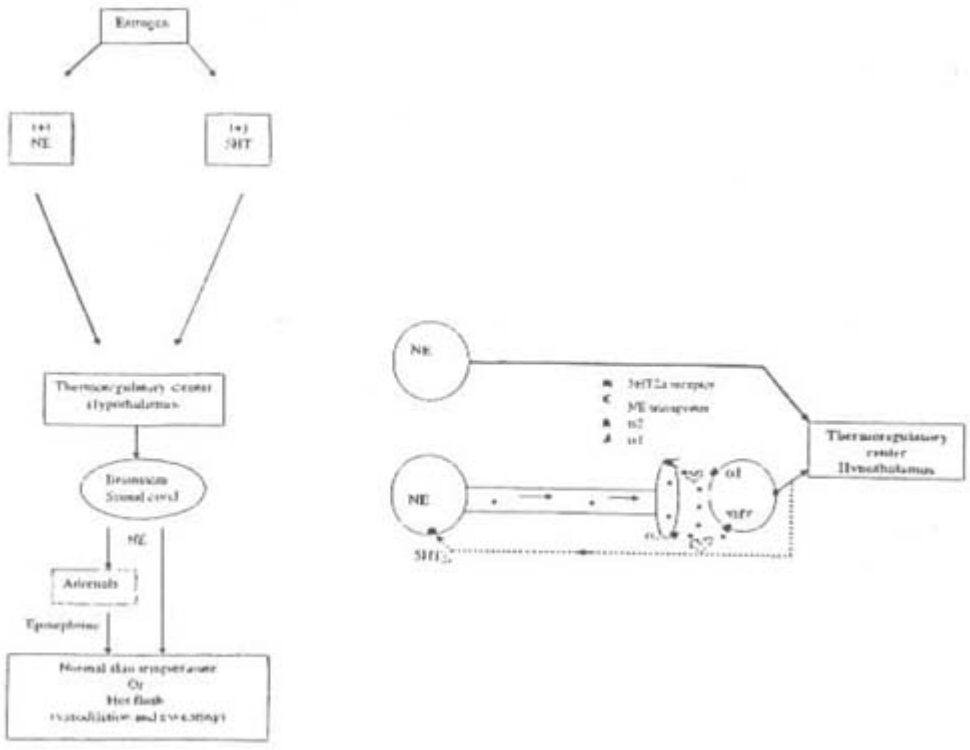
(54) Title of the invention: PHENYLPIPERAZINE CYCLOALKANOL DERIVATIVES AND METHODS OF THEIR USE

(51) International classification : C07D 295/088
(31) Priority Document No : 60/511,542
(32) Priority Date : 14/10/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/033674
Filing Date : 13/10/2004
(87) International Publication No : WO 2005/037808
(61) Patent of Addition to Application Number : NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) WYETH
Address of Applicant: FIVE GIRALDA FARMS, NADISON, NJ 07940 U.S.A.
(72)**Name of Inventor :**
1)MAHANEY, PAIGE, ERIN
2)TRYBULSKI, EUGENE, JOHN
3)KRIM, LORI, DANIELLE
4)VU, AN, THIEN

No of Pages: 70 No of Claims: 12

(57) Abstract:
The present invention is directed to phenylpiperazine cycloalkanol derivatives, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fi-bromylagia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibrornyalgia, pain, diabetic neuropathy, and combinations thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1258/KOLNP/2006 A
(43) Publication Date: 27/04/2007

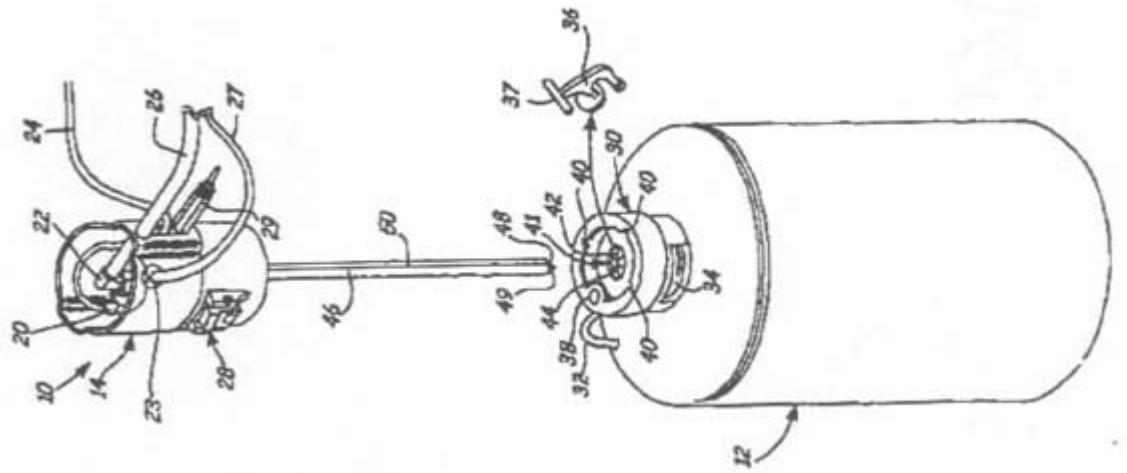
(54) Title of the invention: LIQUID DISPENSING AND RECIRCULATING SYSTEM WITH SENSOR

(51) International classification : C07D 295/088
(31) Priority Document No : 10/694,038
(32) Priority Date : 27/10/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/034930
Filing Date :21/10/2004
(87) International Publication No : WO 2005/044715
(61) Patent of Addition to Application Number : NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) ADVANCED TECHNOLOGY MATERIALS, INC.
Address of Applicant: MARGARET CHAPPUIS, 7 COMMERCE DRIVE, DANBURY, CONNECTICUT 06810 U.S.A.
(72)**Name of Inventor :**
1)O'DOUGHERTYKEVIN T.
2)HEGEMAN, CRAMER C.

No of Pages: 20
No of Claims : 24

(57) Abstract:
A liquid dispensing and recirculating system is disclosed. The system includes a container having a mouth and a cap coupled with the mouth. The system further includes a connector for coupling with the cap. The connector includes a connector head and a probe extending from the connector head. The probe is insertable through the cap and into the month, and has a flow passage therein which terminates near a probe tip. A pump pumps fluid in the container through the probe and the flow passage. A fluid return channel is formed on the probe for returning recirculated fluid to the fluid in the container. As fluid is returned along the return channel, air in the fluid is released above the fluid in the container to prevent injection of air into the fluid in the container.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1259/KOLNP/2006 A
(43) Publication Date: 27/04/2007

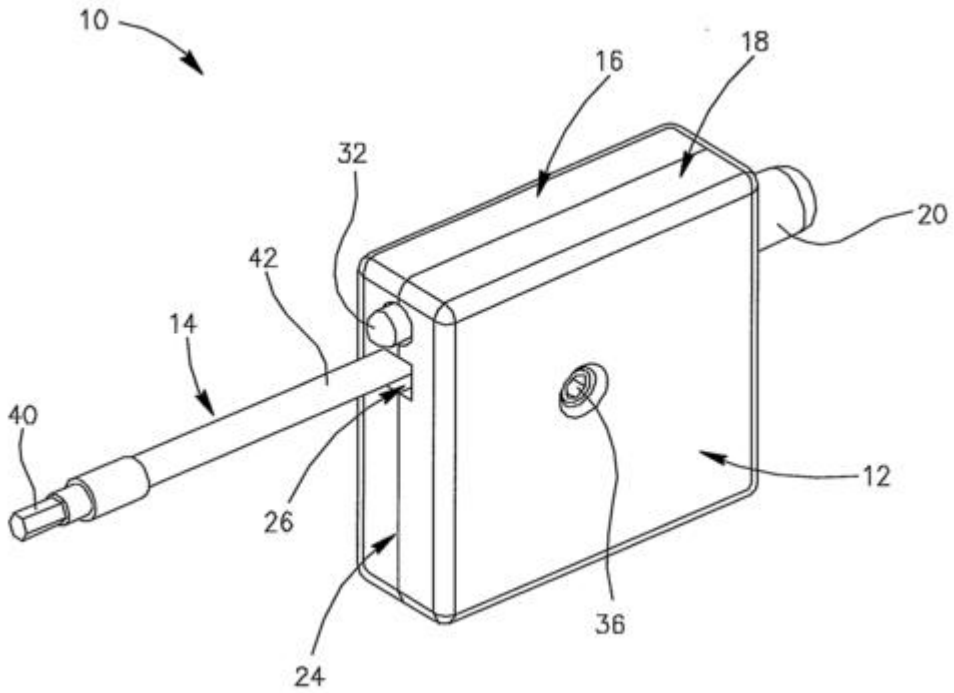
(54) Title of the invention: TORQUE INDICATING WRENCH

(51) International classification	: B25B 23/142
(31) Priority Document No	:159027
(32) Priority Date	:24/11/2003
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2004/000999
Filing Date	:01/11/2004
(87) International Publication No	:WO 2005/049279
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**
1) E.T.M. PRECISION TOOLS MANUFACTURING LTD.
Address of Applicant: P.O.BOX 66, TEFEN, 24959 Israel
(72) **Name of Inventor:**
1) GUY HANOCH
2) WEINSTEIN YEHOSHUA,

No of Pages : 12
No of Claims : 13

(57) Abstract:
A wrench (10) comprises a casing and a rod (14). The rod has a driven portion (38), a driving tip (34), and a straight section (42), which extends there between. The driven portion has a clamped section (44), a rotating section (46) and a cantilever section (48) connected there between, the clamped section being securely clamped in the casing. The rotating section being rotatable between a free position and a biased position, wherein in the biased position the rod closed an electric circuit, thereby activating an indicator (32).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1260/KOLNP/2006 A
(43) Publication Date: 27/04/2007

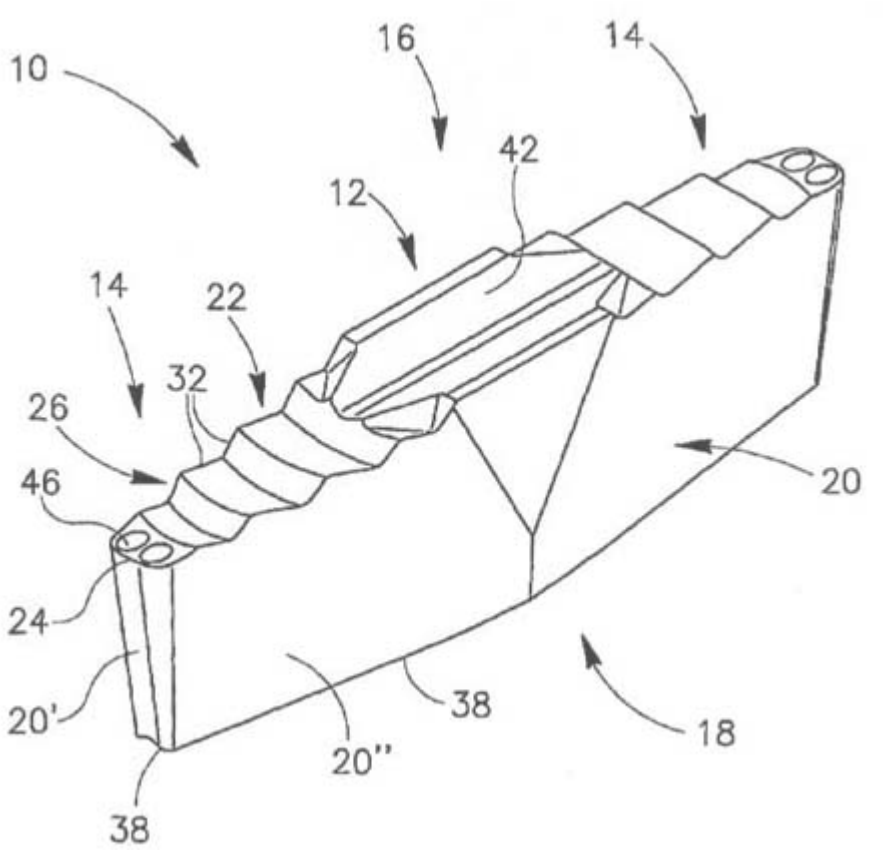
(54) Title of the invention: CUTTING INSERT FOR GROOVING OPERATIONS

(51) International classification :B23B27/00
(31) Priority Document No :159188
(32) Priority Date :04/12/2003
(33) Name of priority country :Israel
(86) International Application No :PCT/IL 04/001044
Filing Date :14/11/2004
(87) International Publication No :WO 2005/053886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) ISCAR LTD.
Address of Applicant: P.O.BOX 11 TEFEN, 24959 Israel
(72)**Name of Inventor :**
1)UZI GATI,

No of Pages: 11 No of Claims: 8

(57) Abstract:
A cutting insert for grooving operations having at least one cutting portion. The cutting portion having a forward main cutting edge and two opposing side cutting edges extending rearwardly and outwardly from the main cutting edge, each side cutting edge having a variable rake angle alpha.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1261/KOLNP/2006 A
(43) Publication Date: 27/04/2007

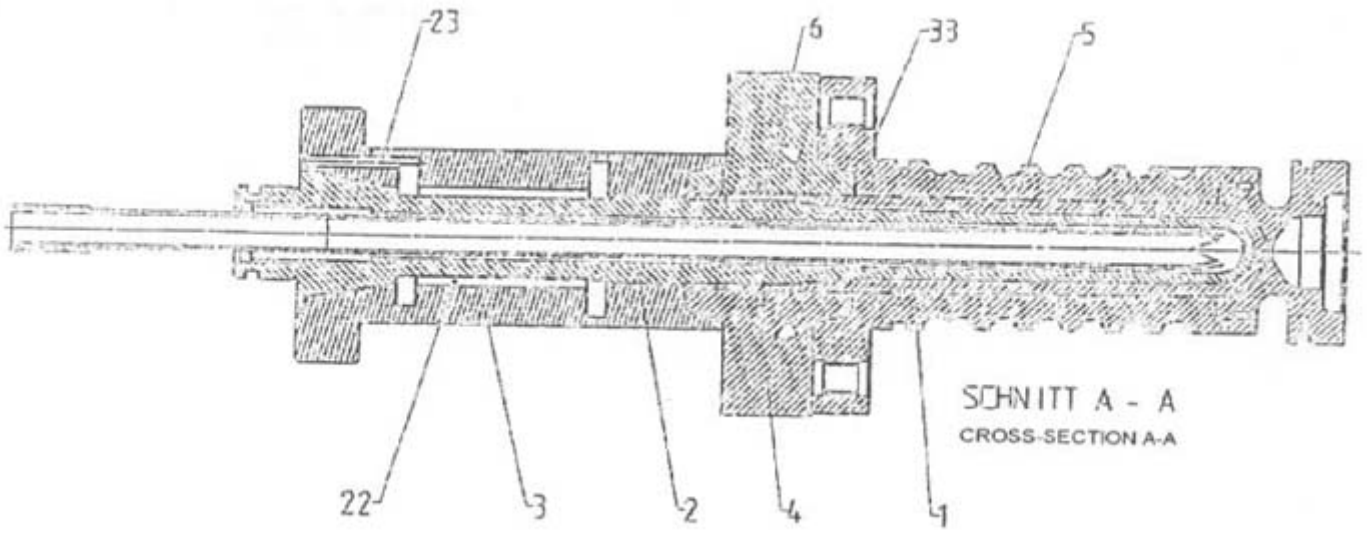
(54) Title of the invention: MOLD CAVITY STRUCTURE

(51) International classification	: B29C45/00
(31) Priority Document No	: 103 55 018.6
(32) Priority Date	:25/11/2003
(33) Name of priority country	: Germany
(86) International Application No Filing Date	: PCT/EP04/052837 :05/11/2004
(87) International Publication No	: WO 2005/051632
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**
1) MHT MOLD & HOTRUNNER TECHNOLOGY AG
Address of Applicant: DR. RUBEN-RAUSING-STR.7 65239 HOCHHEIM Germany
(72) **Name of Inventor:**
1) HONISCH, MAREK
2) WAGNER, CHRISTIAN
3) WEGMANN, KLAUS

No of Pages: 19
No of Claims : 19

(57) Abstract:
The invention relates to a mold cavity for the production of hollow molded parts. Said mold cavity forms a molding chamber (5) and comprises a cavity (1) whose inner contour matches the outer contour of the molded part that is to be produced in at least some sections thereof, a core (2) whose outer contour matches the inner contour of the molded part that is to be produced in at least some sections thereof, and a supporting ring (3) which at least partially surrounds the core (2) at least when the mold cavity is closed. Said supporting ring (3) is provided with an inner cone (9) while the core (2) is provided with a corresponding outer cone (8). Said cones (8, 9) are configured such that the inner cone (9) of the supporting ring (3) enters in contact with the outer cone (8) of the core (2) at least when the mold cavity is closed. In order to provide a mold cavity or a core and a supporting ring which can easily be adjusted to different molded parts while being easy to produce, neither the inner cone (9) of the supporting ring nor the outer cone (8) of the core (2) is located directly adjacent to the molding chamber (5).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1263/KOLNP/2006 A
(43) Publication Date: 27/04/2007

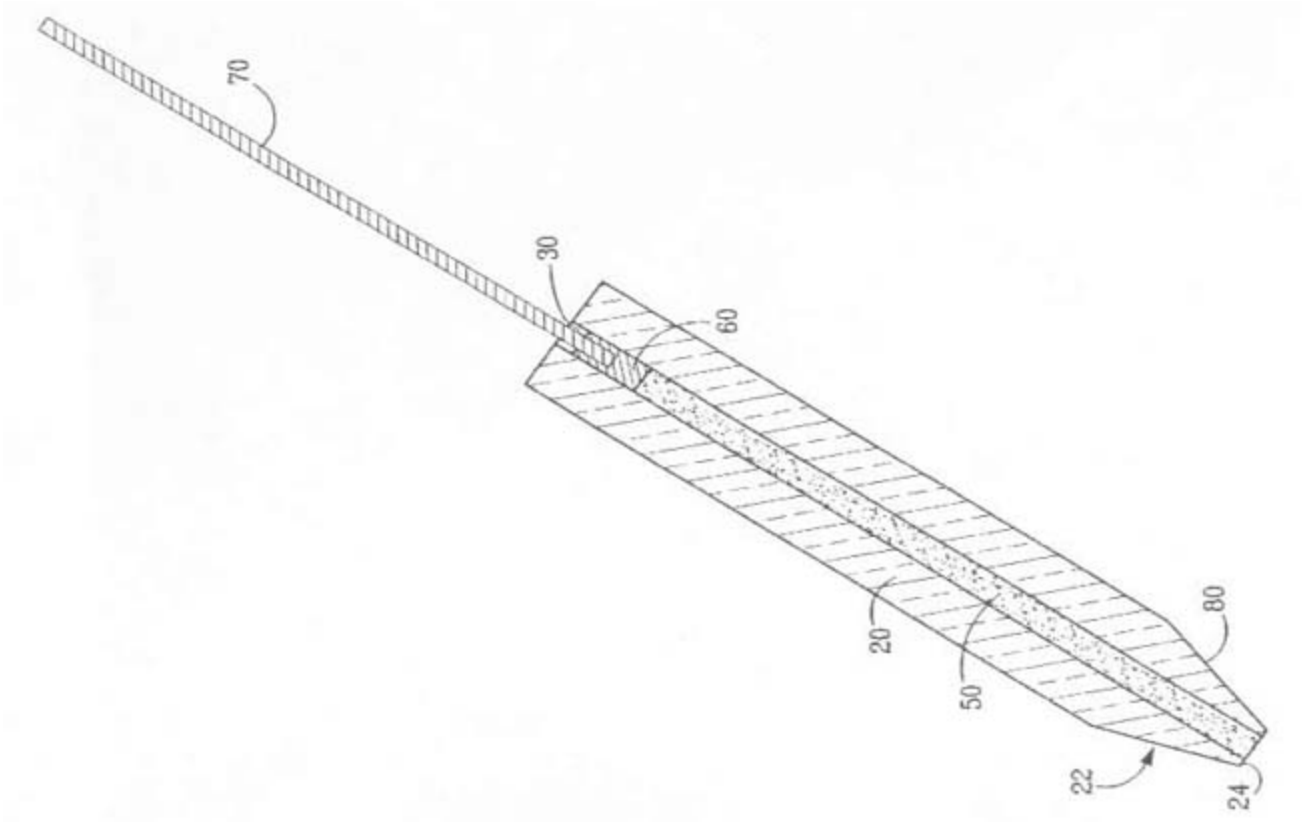
(54) Title of the invention: PACKAGE FOR PHARMACEUTICAL FORMULATION

(51) International classification : A61K
(31) Priority Document No : 60/520,547
(32) Priority Date : 14/11/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/037922
Filing Date : 12/11/2004
(87) International Publication No :WO/2005/048937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) ALZA CORPORATION
Address of Applicant: 1900 CHARLESTON ROAD, P.O.BOX 7210 MOUNTAIN VIEW, CA 94039-7210, M10-3 DELAWARE CORPORATION U.S.A.
(72)**Name of Inventor :**
1)PANCHULA, MARTIN
2)LAM, STAN,
3)MCARTHUR, PETE
4)LAUTENBACH, SCOTT

No of Pages : 20
No of Claims : 36

(57) Abstract:
Cartridges (10) are provided for storing and facilitating the delivery of pharmaceutical formulations. In one preferred embodiment, the cartridge comprises a body (20) including a bore (30) extending through the body (20). and a plunger (60) movably disposed in the bore (30). The bore has a transverse dimension at a distal end that is equivalent to that at a midpoint. The plunger has a planar contact surface (62) that is transversely coextensive with the bore (30) for applying a force to a pharmaceutical formulation contained in the bore This configuration helps to eliminate dead volume, and therefor enables filing by volume rather than weight to ensure accurate dosing.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1264/KOLNP/2006 A
(43) Publication Date: 27/04/2007

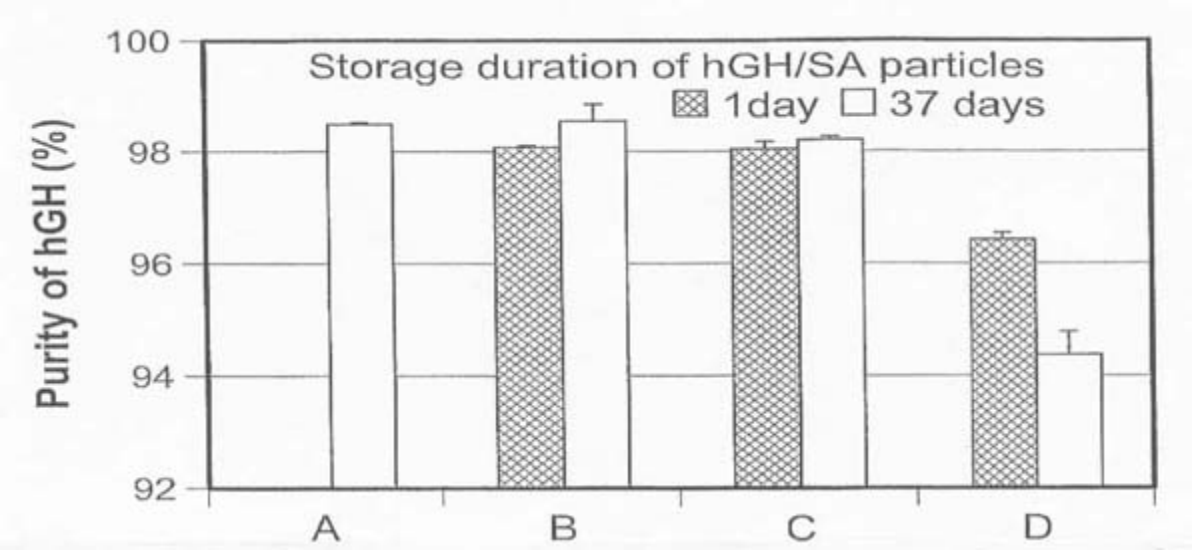
(54) Title of the invention: MINIMIZATION OF DRUG OXIDATION IN DRUG IRRADIATED EXCIPIENTS FORMULATIONS

(51) International classification	: A61K9/16; A61K31/355
(31) Priority Document No	: 60/519,981
(32) Priority Date	: 14/11/2003
(33) Name of priority country	: U.S.A.
(86) International Application No Filing Date	: PCT/US04/037614 :12/11/2004
(87) International Publication No	:WO/2005/048993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**
1) ALZA CORPORATION
Address of Applicant: 1900 CHARLESTON ROAD, P.O.BOX 7210 MOUNTAIN VIEW CA 94039-7210 U.S.A.
(72) **Name of Inventor:**
1)DING, ZHONGLI
2)KLEINER, LOTHAR, WALTER,

No of Pages: 17
No of Claims: 41

(57) Abstract:
This invention relates to compositions and methods for preventing oxidation of beneficial agents.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/05/2006

(21) Application No.1265/KOLNP/2006 A
(43) Publication Date: 27/04/2007

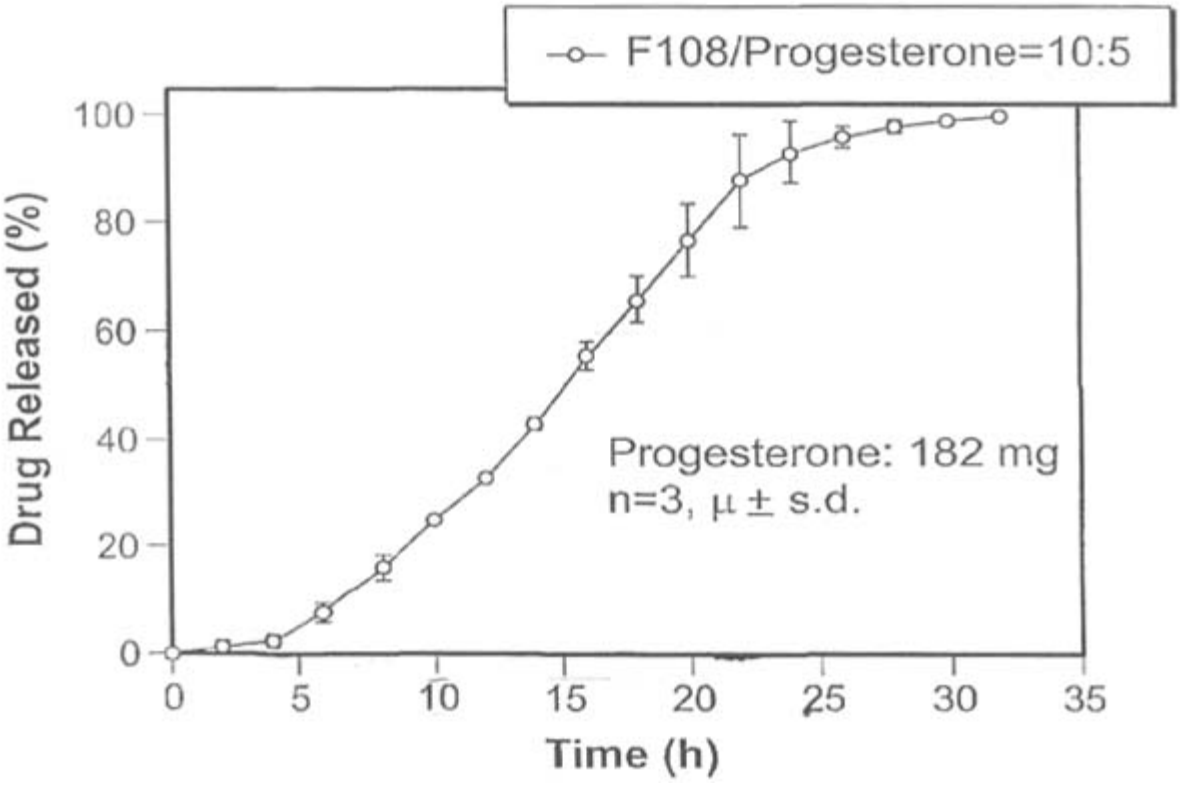
(54) Title of the invention: MELT BLEND DISPERSIONS

(51) International classification :A61K 47/10
(31) Priority Document No :60/519,581
(32) Priority Date :13/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/037615
Filing Date :12/11/2004
(87) International Publication No :WO 2005/048990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALZA CORPORATION
Address of Applicant :1900 CHARLESTON ROAD, P.O.BOX 7210, MOUNTAIN VIEW, CA 94039-7210, M10-3B, U.S.A.
(72)**Name of Inventor :**
1)DONG YAN
2)LIANG DONG
3)PATRISK S.L. WONG

No of Pages : 25
No of Claims : 65

(57) Abstract:
The present invention relates to compositions and methods for enhancing the dissolution and bioavailibility of beneficial agents with low water solubility.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1266/KOLNP/2006 A
(43) Publication Date: 27/04/2007

(54) Title of the invention: FILM FORMING STARCHY COMPOSITION

(51) International classification :A23B7/16
(31) Priority Document No :FR 0313604
(32) Priority Date :20/11/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/002158
Filing Date :18/08/2004
(87) International Publication No :WO 2005/060944
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) ROQUETTE FRERES
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(72)**Name of Inventor :**
1)LEFEVRE, PHILIPPE
2)FRANCOIS ALAIN
3)FACON PHILLIPPE
4)QUETTIER CLAUDE
5)PARISSAUX XAVIER

No of Pages: 27
No of Claims: 18

(57) Abstract:
The invention relates to a film-forming starchy composition for the film coating of solid forms or the preparation of films. The inventive composition is characterized in that it has an amylose content of between 25 and 45%, preferably between 30 and 44% and still more preferably between 35 and 40%, said percentages being expressed by dry weight in relation to the dry weight of starch contained in said composition, and in that it comprises at least one stabilized starch. The invention also relates to a method for the film-coating of solid forms. The invention is characterized in that it consists in spraying the film-forming composition onto a moving nucleic bed. The invention further relates to the use of said film-forming composition for the production of films and capsules.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/02/2006

(21) Application No.1267/KOLNP/2006 A
(43) Publication Date: 27/04/2007

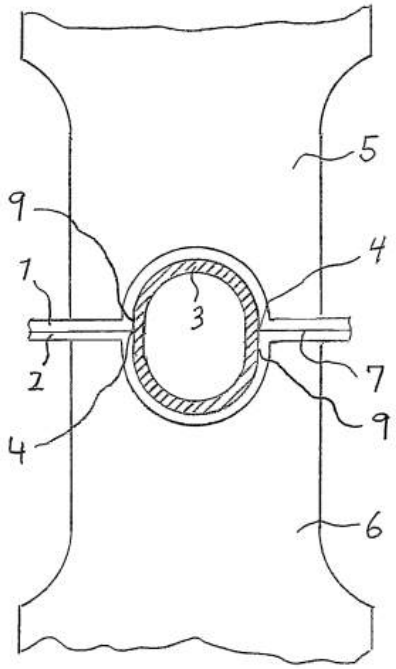
(54) Title of the invention: TUBE WELDING

(51) International classification :B29C 65/00
(31) Priority Document No : PA 2003 01608
(32) Priority Date :30/10/2003
(33) Name of priority country : Denmark
(86) International Application No : PCT/DK2004/000751
Filing Date : 29/10/2004
(87) International Publication No :WO/2005/042232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) 3L LUDVIGSEN A/S
Address of Applicant: VIBAEKVEJ 100, DK-5690 TOMMERUP Denmark
(72) **Name of Inventor:**
1) SORENSEN POUL

No of Pages: 12
No of Claims: 6

(57) Abstract:
Method and apparatus for welding two container walls of plastic film (1, 2) to a plastic tube (3) having a substantially circular cross section, wherein the plastic tube (3) is arranged between two parallelly arranged plastic films (1,2). The two plastic films (1, 2) are made to extend along the outer surface of the plastic tube (3) and to abut each other along a joint face (7) between two welding jaws (5, 6) in an area (8) adjoining the plastic tube (3). The plastic films (1, 2) are welded by means of welding jaws (5, 6) to the outer face of the plastic tube (3) and welded together in the area (8) adjoining the plastic tube (3). The plastic tube (3) is deformed during welding by means of a compressive force applied by the welding jaws (5, 6) to provide the outer surface of the plastic tube (3) with a substantially plane portion (9) extending on both sides of the joint face (7) and substantially perpendicular thereto.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006
(21) Application No.1268/KOLNP/2006 A
(43) Publication Date: 27/04/2007

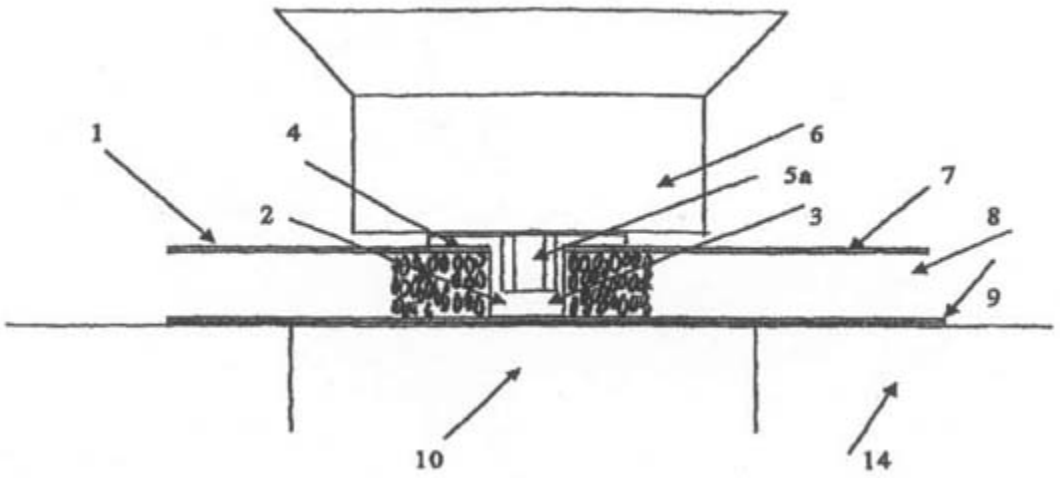
(54) Title of the invention: METHOD FOR ARRANGING A THERMOPLASTIC INSERT IN A THERMOPLASTIC SANDWICH PRODUCT

(51) International classification :F16B 5/01
(31) Priority Document No :1024630
(32) Priority Date :27/10/2003
(33) Name of priority country : Netherlands
(86) International Application No :PCT/NL2004/000724
Filing Date :15/10/2004
(87) International Publication No :WO 2005/045263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) FITS HOLDING B.V.
Address of Applicant: P.O.BOX 45, 3970 AA DRIEBERGEN, NETHERLANDS. Netherlands
(72)**Name of Inventor :**
1)DE GROOT MARTIN THEODOOR

No of Pages : 17
No of Claims: 9

(57) Abstract:
: A method for arranging a thermoplastic insert unit (2) in a thermoplastic sandwich product (1) having at least one planar or virtually planar section by the application of ultrasonic energy (6, 8). A thermoplastic sandwich product (1) comprises at least one fibre-reinforced thermoplastic covering layer (7) and a thermoplastic core which is not completely solid (8). Examples of thermoplastic sandwich products include: a flat plate, a slightly carved product a folded product, etc. The production of a recess in the surface of the thermoplastic sandwich product, with the plastic insert unit being welded into the recess.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1269/KOLNP/2006 A
(43) Publication Date: 27/04/2007

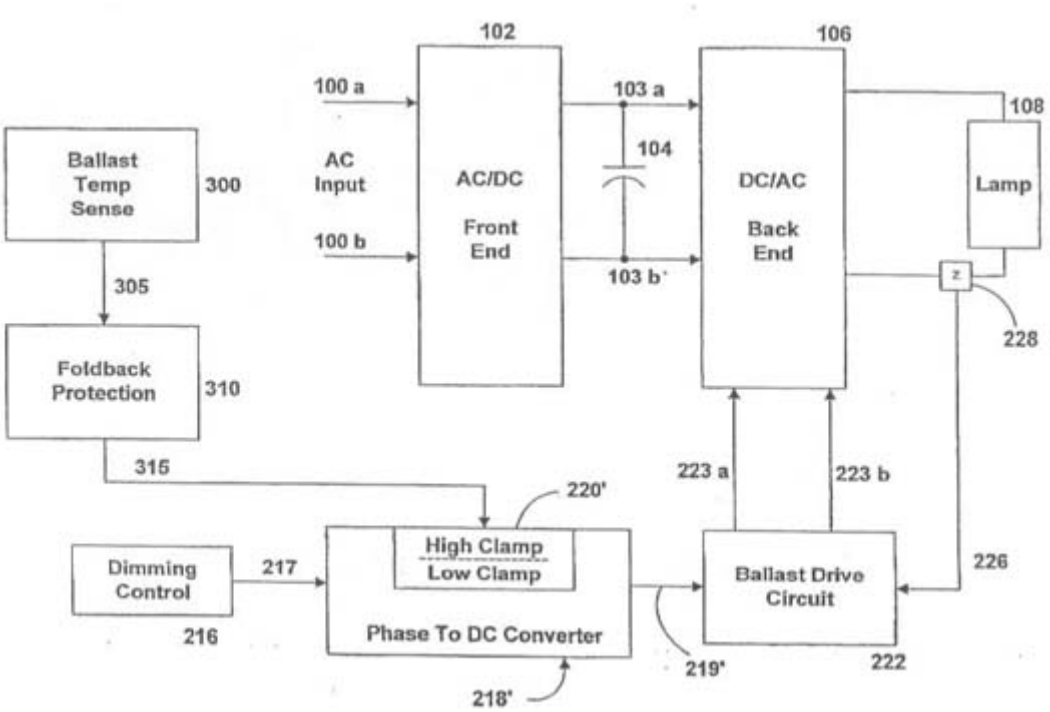
(54) Title of the invention: THERMAL PROTECTION FOR LAMP BALLASTS

(51) International classification :H02H 5/04
(31) Priority Document No :10/706,677
(32) Priority Date :12/11/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/037921
Filing Date :12/11/2004
(87) International Publication No : WO/2005/048660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) LUTRON ELECTRONICS CO., INC.
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1)COTTONGIM, DAVID E.
2)ARAKKAL, JECKO
3)CHITTA, VENKATESH
4)TAIPALE, MARK S.

No of Pages: 30
No of Claims: 47

(57) Abstract:
The output current of a ballast is dynamically limited when an over-temperature condition is detected in the ballast according to one of (i) a step function or (ii) a combination of step and continuous functions, so as to reduce the temperature of the ballast while continuing to operate it.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1270/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention: VETERINARY METHOD FOR ADMINISTERING A VITAMIN E DERIVATIVE AND FORMULATION

(51) International classification : A23K 1/16
(31) Priority Document No :0312352
(32) Priority Date : 22/10/2003
(33) Name of priority country : France
(86) International Application No :PCT/FR2004/002719
Filing Date :22/10/2004
(87) International Publication No :WO 2005/039307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
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(72) **Name of Inventor:**
1) JACOB, STEFAN MARKUS
2) GERAERT, PIERRE-ANDRE

No of Pages: 29
No of Claims : 17

(57) Abstract:
The invention relates to a non-therapeutic, veterinary method, comprising orally administering a stable vitamin E derivative to a monogastric animal, alone or in admixture with an additive and/or food, said derivative being hydrolysable into the assimilable form of the vitamin E and administered to said animal in the presence of at least one food emulsifier, selected from the non-ethoxylated esters of sorbitol and fatty acids. Said invention also relates to a formulation which comprises a stable vitamin E derivative and the at least one food emulsifier and the use of a food emulsifier in animal nutrition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1271/KOLNP/2006 A
(43) Publication Date: 27/04/2007

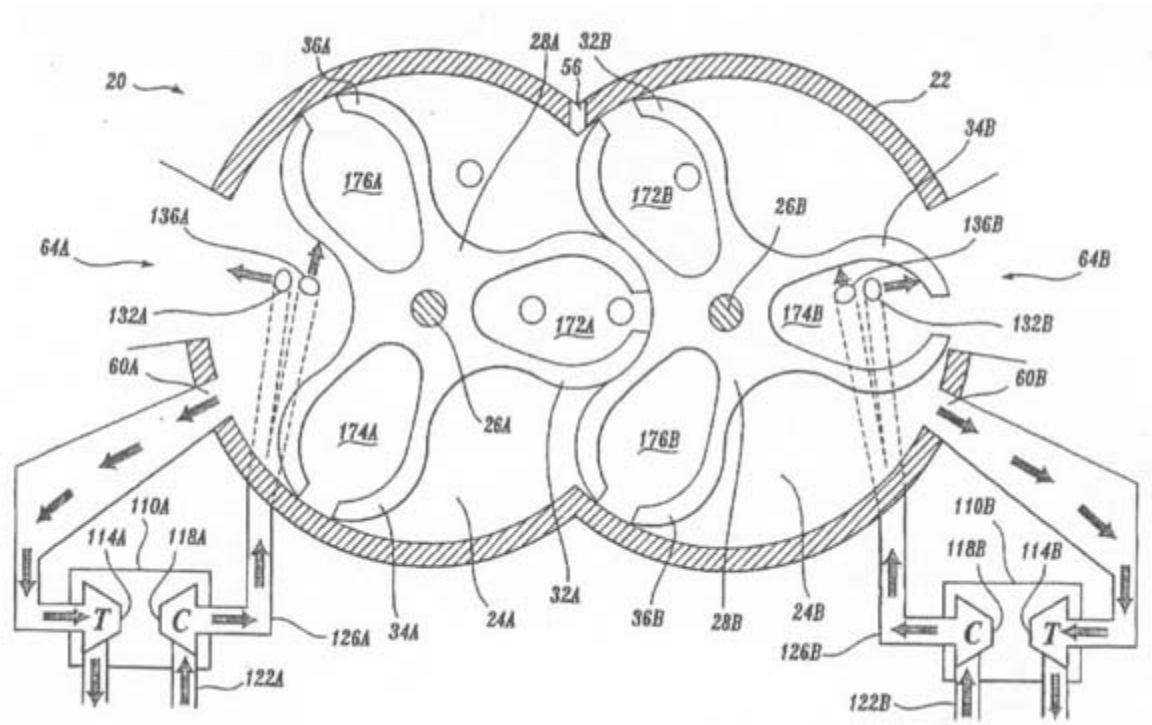
(54) Title of the invention: DUAL ROTOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02B 53/06
(31) Priority Document No :10/723,845
(32) Priority Date :26/11/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/039378
Filing Date :22/11/2004
(87) International Publication No :WO 2005/054642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
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(72) **Name of Inventor:**
1) LOCKETT NEAL

No of Pages: 39
No of Claims: 37

(57) Abstract:
An engine including a housing formed with a pair of side-by-side intersecting substantially cylindrical cavities, and a pair of counter-rotating power rotors rotatably mounted within the cavities. The pair of power rotors includes intermeshing lobes that each define open-ended combustion chambers.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

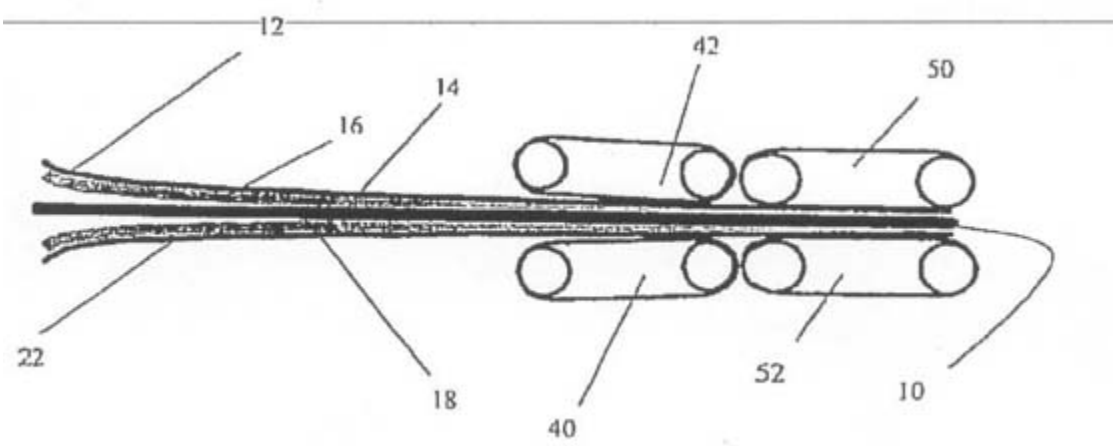
(21) Application No.1272/KOLNP/2006 A
(43) Publication Date: 27/04/2007

(54) Title of the invention: IMPROVED GLASS MAT THERMOPLASTIC COMPOSITE

(51) International classification	:B32B 27/04	(71) **Name of Applicant:**
(31) Priority Document No	:10/696,869	**1) AZDEL, INC.**
(32) Priority Date	:30/10/2003	Address of Applicant: 925,WASHBURN SWITCH ROAD,
(33) Name of priority country	:U.S.A.	SHELBY, NORTH CAROLINA, 28150 U.S.A.
(86) International Application No	:PCT/US2004/035119	(72) **Name of Inventor:**
Filing Date	:22/10/2004	**1) RAGHA VENDRAN, VENKAT K.**
(87) International Publication No	:WO2005044531	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 22 No of Claims: 42

(57) Abstract:
A composition of a fiber reinforced laminate material that when thermoformed or compression molded forms a composite having a Class-A surface that is resin rich. The laminate material has a layer of a thermoplastic resin with an initiator and catalyst; a glass mat; an intra-layer of a polymerizable component that is a lower viscosity mixture of oligomers, monomers and thermoplastic resin; a second glass mat, and another layer of a thermoplastic resin with an initiator and catalyst. When thermoformed or compression molded, the combination of heat and pressure force the low viscosity polymerizable component through the permeable glass mats and toward the surface. The initiator and catalyst cause the polymerizable component to polymerize, forming a Class-A surface that is resin rich. The thermoplastic resin thoroughly permeates the reinforcing fiber forming a composite having a core with a nearly uniform mixture of reinforced glass fiber and thermoplastic resin.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1273/KOLNP/2006 A
(43) Publication Date: 27/04/2007

(54) Title of the invention: POXVIRUS VECTOR ENCODING RETROVIRUS (EG HIV) AND CYTOKINE

(51) International classification	:A61K38/21, A61K39/21
(31) Priority Document No	:2003905642
(32) Priority Date	:15/10/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001423
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/038028
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72) **Name of Inventor:**
1) WARD, LARRY, D
2) THOMSON, HELEN

No of Pages: 100
No of Claims: 16

(57) Abstract:
In one embodiment there is provided a method for treatment or prophylaxis of one or more symptoms of a retrovirus infection such as, HIV infection, comprising the administration of a poxvirus vector encoding a retrovirus antigen and a cytokine, or a functional homolog, derivative part or analog thereof, in conjunction with anti-retroviral drug therapy wherein said polypeptide and/or cytokine are expressed in a subject and are effective in maintaining a low viral load in a subject for a period of time for example effectively preventing, reducing or delaying viral rebound during interruption of anti-retroviral drug treatment.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1274/KOLNP/2006 A
(43) Publication Date: 27/04/2007

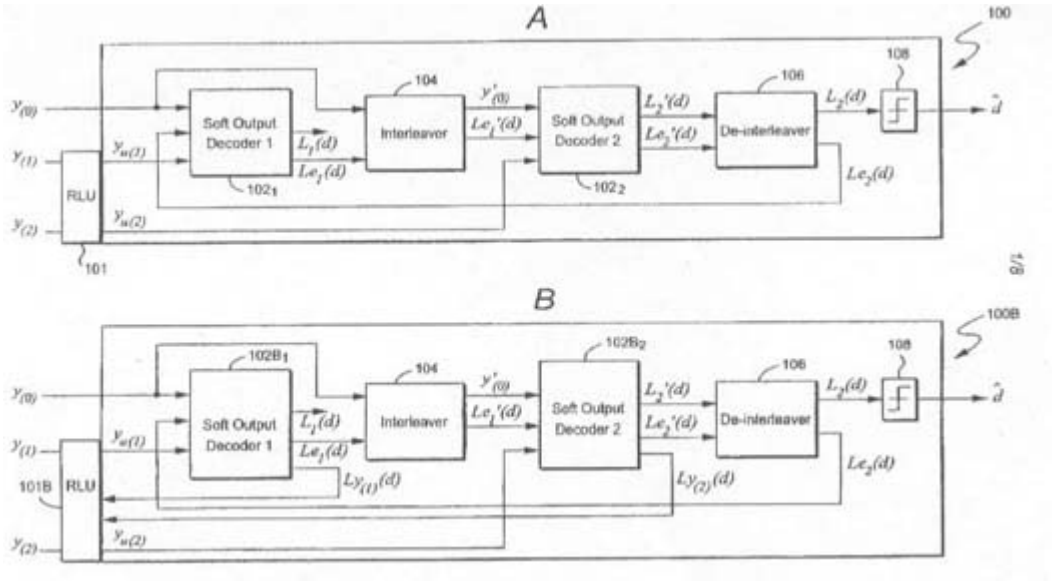
(54) Title of the invention: TURBO CODE DECODER WITH PARITY INFORMATION UPDATE

(51) International classification : H03M13/29
(31) Priority Document No :10/686,774
(32) Priority Date : 17/10/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/SE2004/001439
Filing Date :08/10/2004
(87) International Publication No :WO 2005/039059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
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Address of Applicant: S-164 83 STOCKHOLM Sweden
(72) **Name of Inventor:**
1) ARIYOSHI, MASAYUKI

No of Pages: 36
No of Claims: 16

(57) Abstract:
In a turbo code decoder (100,100B), likelihood information for redundant parts of a received symbol sequence are used to update the redundant parts of the received symbol sequence for use by the decoder (100,100B). The redundant likelihood update unit (101) comprises a first compare and update unit (2041) and a second compare and update unit (2042). The respective compare and update units (204) compare the likelihood information for their respective redundant part of the received symbol sequence with the original respective redundant part of the received symbol sequence, and obtain updated likelihood information for their respective redundant parts of the received symbol sequence.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1275/KOLNP/2006 A
(43) Publication Date: 27/04/2007

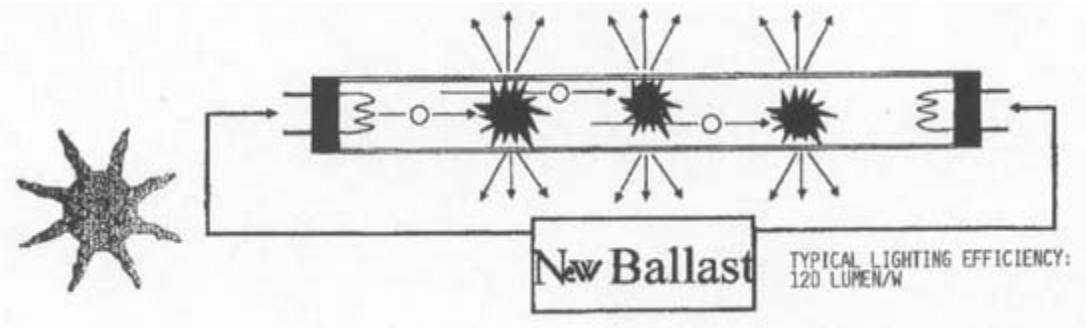
(54) Title of the invention: LIGHTING FIXTURE AND METHOD FOR OPERATING SAME

(51) International classification :H05B 41/04
(31) Priority Document No :20034700
(32) Priority Date :21/10/2003
(33) Name of priority country :Norway
(86) International Application No :PCT/IB2004/003819
Filing Date :19/10/2004
(87) International Publication No :WO 2005/046295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
1) FONTENOY, PHILIPPE
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2) PENIN, LUDOVIC
(72) **Name of Inventor :**
1)DARRAS, GILLES
2)MILLACH, PASCAL

No of Pages : 18
No of Claims : 19

(57) Abstract :
A ballast for fluorescent tubes and the use thereof for producing fluorescent tube lighting fixtures using a novel gas excitation mode in which light is generated by means of controlled pulses leading to an increased power efficiency, with a data collection and transmission functionality, are disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/05/2006

(21) Application No.1276/KOLNP/2006 A
(43) Publication Date: 27/04/2007

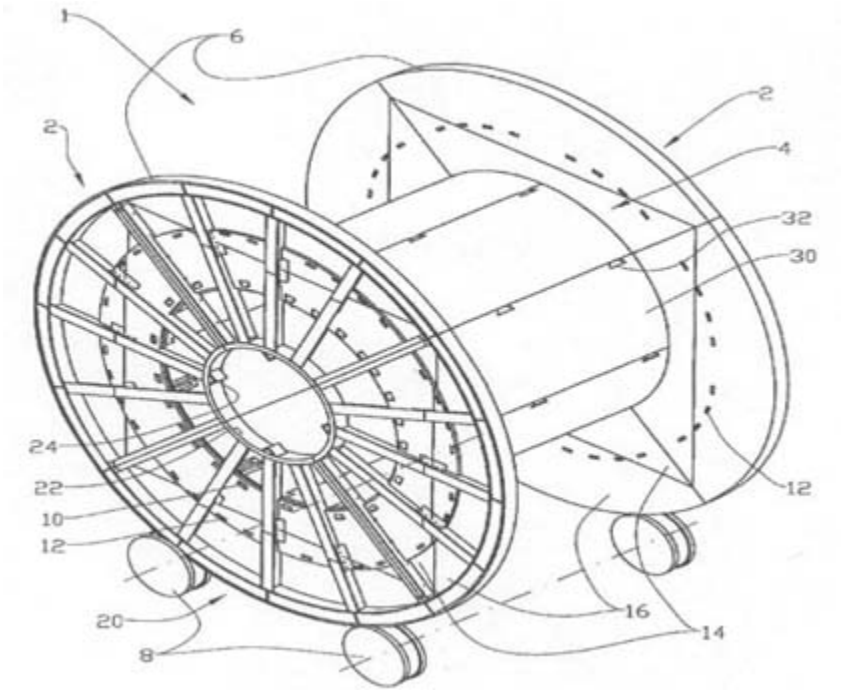
(54) Title of the invention: A METHOD AND DEVICE FOR REEL TRANSPORT

(51) International classification	:B65H75/22, E21B19/22
(31) Priority Document No	:20035028
(32) Priority Date	:13/11/2003
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2004/000334
Filing Date	:05/11/2004
(87) International Publication No	:WO 2005/047156
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**
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(72)**Name of Inventor :**
1)HOUEN, TERJE, H.

No of Pages: 10
No of Claims : 8

(57) Abstract:
A reel device (1) where the reel (1) is constituted by separable components (14, 16, 30), and where the reel is arranged especially to be used in transport and storage of long, coilable bodies, or optionally assembled bodies, wherein cylinder segments (30) of the reel (1) can be connected to end flanges (2, 2') of the reel (1) at more than one radial distance from the central axis of the reel (1).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 15/04/2006

(21) Application No.1277/KOLNP/2006 A
(43) Publication Date: 27/04/2007

(54) Title of the invention: RHODIUM CONTAINING CATALYSTS

(51) International classification :C01J37/00
(31) Priority Document No :60/531,415
(32) Priority Date :19/12/2003
(33) Name of priority country : U.S.A.
(86) International Application No : PCT/US2004/038825
Filing Date :19/11/2004
(87) International Publication No :WO 2005/065820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant:**
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4)KIMMICH, BARBARA
5)LIU, YUMIN
6)HAN, JUN

No of Pages: 41
No of Claims: 55

(57) Abstract:
The present invention addresses at least four different aspects relating to catalyst structure, methods of making those catalysts and methods of using those catalysts for making alkenyl alkanoates. Separately or together in combination, the various aspects of the invention are directed at improving the production of alkenyl alkanoates and VA in particular, including reduction of by-products and improved production efficiency. A first aspect of the present invention pertains to a unique palladium/gold catalyst or pre-catalyst (optionally calcined) that includes rhodium or another metal. A second aspect pertains to a palladium/gold catalyst or pre-catalyst that is based on a layered support material where on layer of the support material is substantially free of catalytic components, A third aspect pertains to a palladium/gold catalyst or pre-catalyst on a zirconia containing support material. A fourth aspect pertains to a palladium/gold catalyst or pre-catalyst that is produced from substantially chloride free catalytic components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006

(21) Application No.1278/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : ZIRCONIA CONTAINING SUPPORT MATERIAL FOR CATALYSTS

(51) International classification :B01J 23/52
(31) Priority Document No :60/531,486
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/039039
Filing Date :19/11/2004
(87) International Publication No :WO 2005/031107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)HAN, JUN
7)SOKOLOVSKII, VALERY

No of Pages : 41
No of Claims : 46

(57) Abstract :
The present Invention addresses at least four different aspects relating to catalyst structure, methods of making those catalysts and methods of using those catalysts for making alkenyl alkanoates. Separately or together in combination, the various aspects of the invention are directed at improving the production of alkenyl alkanoates and VA in particular, including reduction of by-products and improved production efficiency, A first aspect of the present invention pertains to a unique palladium/gold catalyst or pre-cataiyst (optionally calcined) that includes rhodium or another metal. A second aspect pertains to a palladium/gold catalyst or pre-catalyst that is based on a layered support material where on layer of the support material is substantially free of catalytic components. A third aspect pertains to a palladium/gold catalyst or pre-catalyst on a zirconia containing support material. A fourth aspect pertains to a palladium/gold catalyst or pre-catalyst that is produced from substantially chloride free catalytic components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006

(21) Application No.1279/KOLNP/2006 A
(43) Publication Date : 27/04/2007

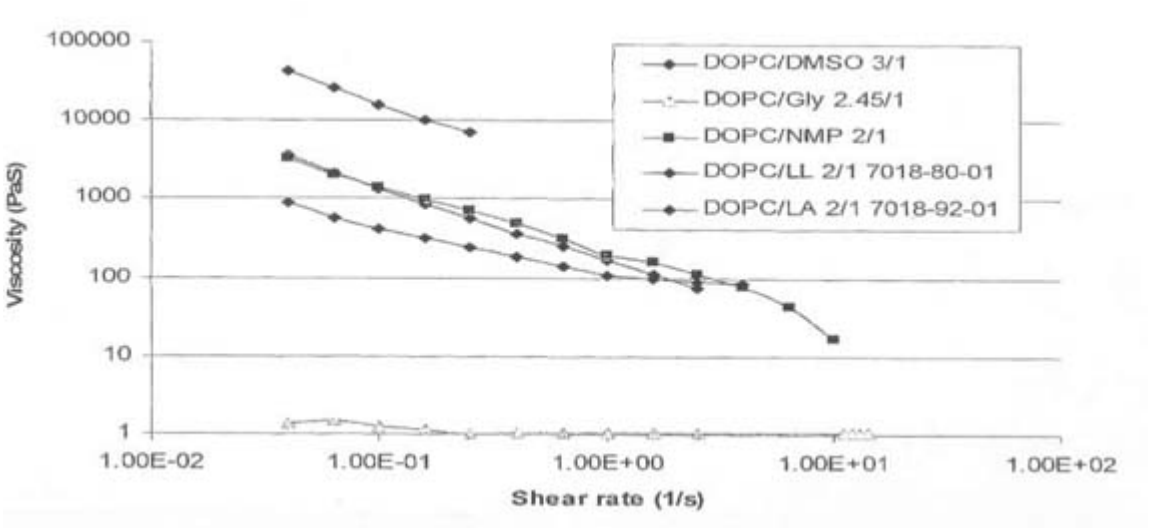
(54) Title of the invention : COMPOSITION AND DOSAGE FORM COMPRISING AN AMPHIPHILIC MOLECULE AS A SUSPENSION VEHICLE

(51) International classification :A61K 31/519
(31) Priority Document No :60/520,605
(32) Priority Date :17/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038409
Filing Date :16/11/2004
(87) International Publication No :WO 2005/048952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)GUNJAN, JUNNARKAR

No of Pages : 51
No of Claims : 82

(57) Abstract :
A liquid composition in an osmotic drug delivery system and a dosage form in an osmotic drug delivery system is disclosed comprising an amphiphilic molecule, a non-aqueous liquid solvent, and a pharmaceutically active agent.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006

(21) Application No.1280/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : RADIATION CURABLE WATERBORNE COMPOSITION

(51) International classification :C08L 101/00
(31) Priority Document No :0302976-6
(32) Priority Date :12/11/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2004/001602
Filing Date :04/11/2004
(87) International Publication No :WO 2005/047396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAMES, DAVID
2)HAGGMAN, BO.

No of Pages : 14
No of Claims : 20

(57) Abstract :
A radiation curable waterborne composition is disclosed. Said composition comprises at least one amphiphilic dendritic polymer, at least one non-amphiphilic radiation curable oligomer or polymer, water and optionally at least one initiator initiating and/or promoting radiation curing. Said at least one amphiphilic dendritic polymer is built up from a polyhydric dendritic core polymer having terminal hydroxyl groups and at least one carboxylic acid and at least one adduct, obtainable by addition of a monoalkylated polyethylene glycol to a dicarboxylic acid or anhydride, each bonded to at least one terminal hydroxyl group in said polyhydric dendritic core polymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006

(21) Application No.1281/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATION THERAPY COMPRISING THE USE OF ET-743 AND DOXORUBICIN FOR TREATING CANCER

(51) International classification :A61K 31/495
(31) Priority Document No :0326486.8
(32) Priority Date :14/11/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/050025
Filing Date :12/11/2004
(87) International Publication No :WO 2005/049029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)DE BRAUD, FLIPPO
4)MARSONI, SILVIA
5)JIMENO DONAQUE, JOSE MARIA
6)LOPEZ LAZARO, LUIS

No of Pages : 20
No of Claims : 19

(57) Abstract :
Methods of treating a human body for cancer are provided. In one aspect, a therapeutic amount of doxorubicin is administered in combination with ET-743 in a dose range between 0.5 and 1 mg/m2. In a related aspect, an effective therapeutic amount of ET-743 is administered in combination with doxorubicin in a dose range between 40 and 80 mg/m2.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006

(21) Application No.1282/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATION THERAPY COMPRISING THE USE OF ET-743 AND PACLITAXEL FOR TREATING CANCER

(51) International classification :A61K 31/495
(31) Priority Document No :60/520,330
(32) Priority Date :14/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/0035779
Filing Date :28/10/2004
(87) International Publication No :WO/2005/049030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ROWINSKE, ERIC, KEITH
2)CHU, QUINCY, SIU-CHUNG
3)DONAQUE, JOSE, MARIA, JIMENO
4)LAZARO, LUIS, LOPEZ

No of Pages : 20
No of Claims : 17

(57) Abstract :
Methods of treating a human body for cancer are provided. In one aspect, a therapeutic amount of paclitaxel is administered in combination with ET-743 in a dose range between 0.5 and 1 mg/m. In a related aspect, an effective therapeutic amount of ET-743 is administered in combination with paclitaxel in a dose range between 80 and 140 mg/m.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1283/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : LAYERED SUPPORT MATERIAL FOR CATALYSTS

(51) International classification :B01J 23/66
(31) Priority Document No :60/530,936
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038814
Filing Date :19/11/2004
(87) International Publication No :WO 2005/065821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)WONG, VICTOR
4)SOKOLOVSKII, VALERY

No of Pages : 42
No of Claims : 60

(57) Abstract :
The present invention addresses at least four different aspects relating to catalyst structure, methods of making those catalysts and methods of using those catalysts for making alkenyl alkanoates. Separately or together in combination, the various aspects of the invention are directed at improving the production of alkenyl alkanoates and VA in particular, including reduction of by-products and improved production efficiency. A first aspect of the present invention pertains to a unique palladium/gold catalyst or pre-catalyst (optionally calcined) that includes rhodium or another metal. A second aspect pertains to a palladium/gold catalyst or precatalyst that is based on a layered support material where one layer of the support material is substantially free of catalytic components. A third aspect pertains to a palladium/gold catalyst or pre-catalyst on a zirconia containing support material. A fourth aspect pertains to a palladium/gold catalyst or pre-catalyst that is produced from substantially chloride free catalytic components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1284/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : HALIDE FREE PRECURSORS FOR CATALYSTS

(51) International classification :B01J 23/52
(31) Priority Document No :60/530/937
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038815
Filing Date :19/11/2004
(87) International Publication No :WO 2005/065819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WONG, VICTOR
4)HAN, JUN
5)HAGEMEYER, ALFRED
6)LOWE, DAVID
7)SOKOLOVSKII, VALERY

No of Pages : 42
No of Claims : 51

(57) Abstract :
The present invention addresses at least four different aspects relating to catalyst structure, methods of making those catalysts and methods of using those catalysts for making alkenyl alkanoates. Separately or together in combination, the various aspects of the invention are directed at improving the production of alkenyl alkanoates and VA in particular, including reduction of by-products and improved production efficiency. A first aspect of the present invention pertains to a unique palladium/gold catalyst or pre-catalyst (optionally calcined) that includes rhodium or another metal, A second aspect pertains to a palladium/gold catalyst or pre-catalyst that is based on a layered support material where on layer of the support material is substantially free of catalytic components. A third aspect pertains to a palladium/gold catalyst or pre-catalyst on a zirconia containing support material. A fourth aspect pertains to a palladium/gold catalyst or pre-catalyst that is produced from substantially chloride free catalytic components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1285/KOLNP/2006 A
(43) Publication Date : 27/04/2007

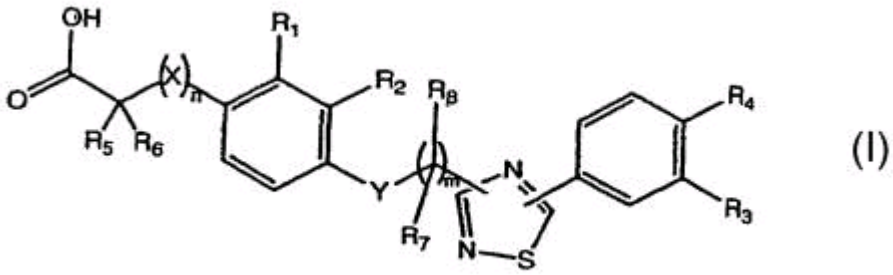
(54) Title of the invention : PHENOXYACETIC ACIDS DERIVATIVES USEFUL AS PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR (PPAR) DUAL AGONISTS

(51) International classification :A61K 31/433
(31) Priority Document No :60/516,561
(32) Priority Date :31/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036028
Filing Date :28/10/2004
(87) International Publication No :WO 2005/041959
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHEN, LAN
3)WANG, AIHUA
4)ZHANG, YAN

No of Pages : 142
No of Claims : 45

(57) Abstract :
The invention features phenoxyacetic acids and analogs of formula (I), compositions containing them, and methods of using them as PPAR modulators to treat or inhibit the progression of, for example, dyslipidemia.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1286/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATIONS OF POTASSIUM CHANNEL OPENERS AND SODIUM CHANNEL INHIBITORS OR ACTIVE SUBSTANCES INFLUENCING SODIUM CHANNELS IN ORDER TO TREAT PAINFUL CONDITIONS

(51) International classification :A61K 31/44
(31) Priority Document No :10349729.3
(32) Priority Date :23/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/011718
Filing Date :18/10/2004
(87) International Publication No :WO 2005/039576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SZELENYL, ISTVAN
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No of Pages : 19
No of Claims : 12

(57) Abstract :
The invention relates to pharmaceutical combinations of potassium channel openers and sodium channel inhibitors for the treatment of painful conditions associated with elevated muscle tone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1287/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : METHODS FOR PREPARING POLYMERIC BUFFER FORMULATIONS FOR ELECTROTRANSPORT APPLICATIONS

(51) International classification	:A61K9/00, A61N1/30
(31) Priority Document No	:60/523,470
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/039096
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/051484
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)PHIPPS, JOSEPH B.
4)SUBRAMONY, JANARDHANAN

No of Pages : 23
No of Claims : 27

(57) Abstract :
The present invention provides methods for-preparing compositions for use in electrotransport delivery systems that comprise providing a drug solution comprising drug ions and associated counterions; adjusting the pH of the drug solution by contacting the drug solution with a first ion exchange material; separating the first ion exchange material from the pH-adjusted drug solution; adding the pH-adjusted drug solution to a reservoir of an electrotransport delivery system; and contacting the pH-adjusted drug solution with a second ion exchange material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1288/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : REMOVAL OF HIGH MOLECULAR WEIGHT AGGREGATES USING HYDROXYAPATITE CHROMATOGRAPHY

(51) International classification :C07K 16/06
(31) Priority Document No :60/514,018
(32) Priority Date :27/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032883
Filing Date :06/10/2004
(87) International Publication No :WO 2005/044856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 55
No of Claims : 37

(57) Abstract :
This invention relates to the application of hydroxyapatite chromatography to the purification of at least one antibody from a preparation containing high molecular weight aggregates. Further, this invention relates to an integration of ceramic hydroxyapatite chromatography into a combination chromatographic protocol for the removal of high molecular weight aggregates from an antibody preparation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1289/KOLNP/2006 A
(43) Publication Date : 27/04/2007

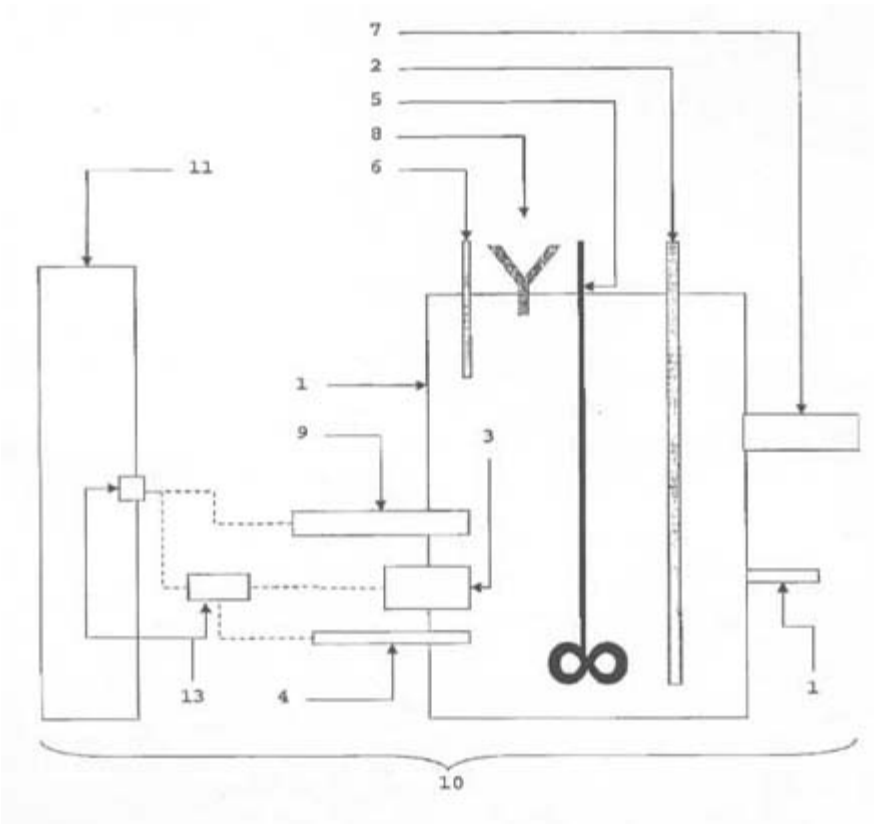
(54) Title of the invention : SELECTIVE ENRICHMENT OF MICROORGANISMS FOR DESIRED METABOLIC PROPERTIES

(51) International classification :C12N1/26, C12N1/32
(31) Priority Document No :2003-906290
(32) Priority Date :14/11/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/001577
Filing Date :15/11/2004
(87) International Publication No :WO 2005/047488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)OCAL, GUNSELI
3)DUMSDAY, GEOFFREY
4)ZACHARIOU, MICHAEL

No of Pages : 84
No of Claims : 25

(57) Abstract :
A method for selectively enriching for a microorganism able to metabolise a test substrate, and/or the enrichment of an enzyme involved in the metabolism of the test substrate, the method comprising the steps of: a) providing a population of microorganisms in a vessel, b) feeding fluid into the vessel at a controlled flow rate commencing with an initial flow rate, the fluid comprising a nutrient medium and, for at least part of the feed period, the test substrate, c) producing a signal indicative of the level of a metabolism indicator over the time-frame of the enrichment, and d) providing an output based on the signal to enable assessment of selective enrichment of a microorganism that metabolises the test substrate, and/or the enrichment of an enzyme produced by the microorganism that is involved in the metabolism of the test substrate. To accelerate the enrichment process, conditions may be set to increase the flow rate in stages as a steady state is detected. This may be achieved by presetting conditions to be met by the signal output to result in a change in the fluid flow rate, and changing the flow rate at which fluid is fed into the vessel when the conditions are met, wherein the preset conditions are a combination of a predetermined period of time and a preset value range within which the signal must remain for the predetermined period of time.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1290/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : COMBINATIONS USEFUL FOR THE TREATMENT OF NEURONAL DISORDERS

(51) International classification :A61K 31/00
(31) Priority Document No :60/516,717
(32) Priority Date :03/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/012301
Filing Date :29/10/2004
(87) International Publication No :WO 2005/049027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHILLING STEPHAN
3)NIESTROJ ANDRE JOHANNES
4)DEMUTH HANS-ULRICH
5)ROSSNER STEFFEN

No of Pages : 129
No of Claims : 25

(57) Abstract :
The present invention provides a method for the treatment of neuronal disorders, in a mammal such as a human, which method comprises administering an effective, non-toxic and pharmaceutically acceptable amount of at least one QC-inhibitor (glutaminyl cyclase inhibitor), optionally in combination with at least one agent, selected from the group consisting of PEP-inhibitors, inhibitors of IDP IV/DPIV-like enzymes, NPY-receptorligands, NPY agonists, NPY antagonists, ACE-inhibitors, PIMT enhancers, inhibitors of beta secretases, inhibitors of gamma secretases and inhibitors of neutral endopeptidase, to a mammal in need thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1291/KOLNP/2006 A
(43) Publication Date : 27/04/2007

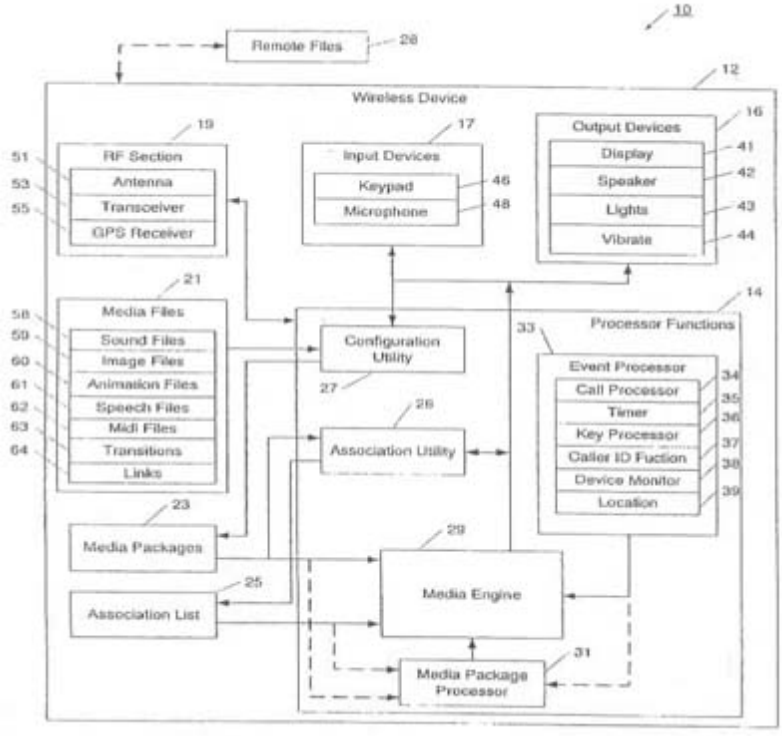
(54) Title of the invention : SYSTEM AND METHOD FOR ARRANGING AND PLAYING A MEDIA PRESENTATION

(51) International classification	:H04M1/725, H04N7/14
(31) Priority Document No	:10/719,317
(32) Priority Date	:21/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2004/038725 :17/11/2004
(87) International Publication No	:WO 2005/052936
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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No of Pages : 33
No of Claims : 24

(57) Abstract :
The system enables a user to select and order media objects, such as sound files, image files, animations, and text into a media presentation. The media presentation is then associated with a trigger or other interrupt event. Upon an occurrence of the event, the system plays the media presentation on system output devices. In one example of the system, the selected media files, ordering information, and other properties are assembled into a media package. The media package may be published to a remote device so that a remote device may play the media presentation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1292/KOLNP/2006 A
(43) Publication Date : 27/04/2007

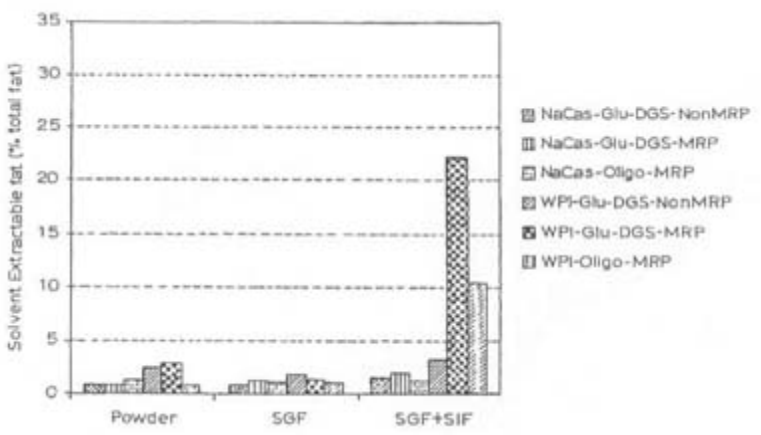
(54) Title of the invention : "GI TRACT DELIVERY SYSTEMS".

(51) International classification :A23D 9/05
(31) Priority Document No :2003-906417
(32) Priority Date :21/11/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/001592
Filing Date :22/11/2004
(87) International Publication No :WO/2005/048998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)HEAD, RICHARD

No of Pages : 61
No of Claims : 14

(57) Abstract :
A micro encapsulation material for use with storage unstable, therapeutic and nutritional agents which release the therapeutic and nutritional agents in predetermined locations in the gastro intestinal tract in which the encapsulation material is formed by combining a food grade treated carbohydrate with a water soluble food grade protein. The therapeutic and nutritional agents form an oil phase that is emulsified with the water dispersed or dissolved encapsulant to encapsulate the therapeutic and nutritional agents. These agents may be oils or oil soluble or oil dispersible. The agents that may be encapsulated include lipids (oils including oxygen sensitive oils, fatty acids, triglycerides) and oil soluble and oil dispersible ingredients (including Pharmaceuticals, probiotics, protein therapeutics and bioactivcs). The protein used may include any film forming water soluble protein or hydrolyzed protein and includes milk proteins such as casein and its derivatives or whey proteins. The carbohydrate component may be those containing reducing sugar groups, oligosaccharides and starches (raw, modified, resistant, acctylated, proprionylated and butylated starches)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1293/KOLNP/2006 A
(43) Publication Date : 27/04/2007

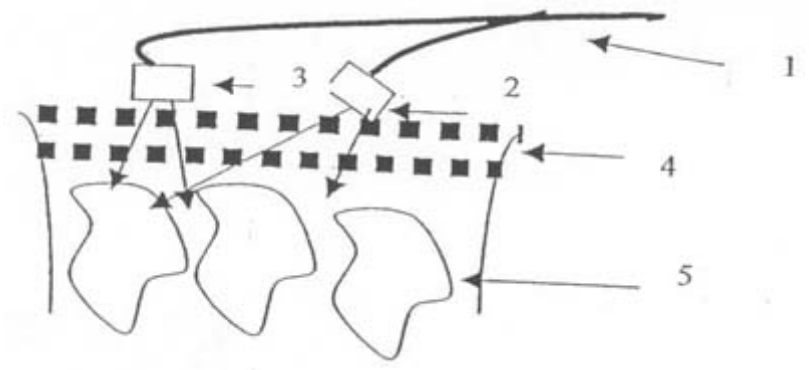
(54) Title of the invention : PHOTODYNAMIC THERAPY FOR LOCAL ADIPOCYTE REDUCTION

(51) International classification :A61N 5/06
(31) Priority Document No :10/687,579
(32) Priority Date :16/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/034042
Filing Date :15/10/2004
(87) International Publication No :WO 2005/037372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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No of Pages : 24
No of Claims : 24

(57) Abstract :
The present invention is drawn to methods and compounds for transcutaneous photodynamic therapy ("PDT") of target adipocyte cells or adipose tissue in a mammalian subject, which includes administering to the subject a therapeutically effective amount of a photosensitizing agent or a photosensitizing agent delivery system or a prodrug, where the photosensitizing agent or photosensitizing agent delivery system or prodrug selectively binds to the target tissue; and irradiating at least a portion of the subject with light at a wavelength absorbed by the photosensitizing agent or if prodrug, by a prodrug product thereof, where the light is provided by a light source, and where the irradiation is at low fluence rate that results in the activation of the photosensitizing agent or prodrug product. These methods of transcutaneous PDT are useful for the reduction of adipose tissue and adipocytes.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1294/KOLNP/2006 A
(43) Publication Date : 27/04/2007

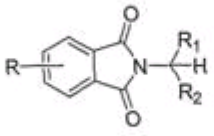
(54) Title of the invention : PROCESS FOR THE PREPARITION OF N-SUBSTITUTED PHTHALIMIDES

(51) International classification :C07D 209/48
(31) Priority Document No :60/520,757
(32) Priority Date :17/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038335
Filing Date :16/11/2004
(87) International Publication No :WO 2005/049566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 15
No of Claims : 24

(57) Abstract :
The present invention describes a process for preparing N-substituted phthalimides of Formula: (I) which are widely useful as intermediates in the preparation of organic compounds such as pharmaceuticals.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1295/KOLNP/2006 A
(43) Publication Date : 27/04/2007

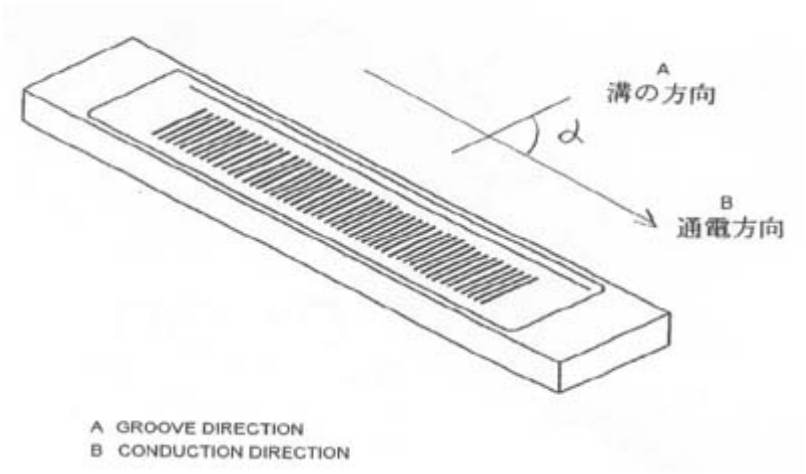
(54) Title of the invention : METAL VAPORIZING HEATING ELEMENT AND METAL VAPORIZING METHOD

(51) International classification :C23C 14/24
(31) Priority Document No :2003-390344
(32) Priority Date :20/11/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/017023
Filing Date :16/11/2004
(87) International Publication No :WO 2005/049881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SUSAKI, JUNICHI
5)IWAMOTO, KENTARO

No of Pages : 35
No of Claims : 16

(57) Abstract :
A metal evaporation boat having improved wettability to a molten metal and having a prolonged life, and a method for evaporating a metal employing it. A metal evaporation heating element characterized by having one or more grooves in a direction not in parallel with a current direction, on an upper surface of a sintered body comprising titanium diboride (TiB2)and/or zirconium diboride (ZrB2), and boron nitride (BN).It is preferred that the direction not in parallel with the current collection is from 20 to 160deg to the current direction, that the ceramic sintered body has a cavity and the grooves is formed on the bottom surface thereof, and that a predetermined pattern is drawn by a plurality of grooves on the upper surface of the ceramic sintered addition, a method for evaporating a metal characterized by using the metal evaporation heating element and heating a metal in vacuum in a state where part or whole of the groove is in contact with the metal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1296/KOLNP/2006 A
(43) Publication Date : 27/04/2007

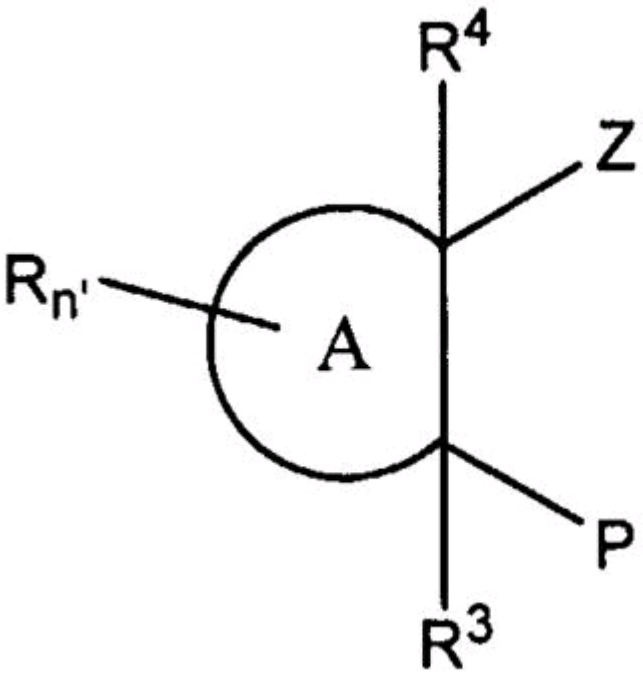
(54) Title of the invention : SUBSTITUTED CYCLIC HYDROXAMATES AS INHIBITORS OF MATRIX METALLOPROTEASES

(51) International classification :C07D 207/08
(31) Priority Document No :60/512,016
(32) Priority Date :17/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033945
Filing Date :15/10/2004
(87) International Publication No :WO/2005/037826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)BURNS DAVID
5)YAO WENQING
6)JALLURI RAVI KUMAR

No of Pages : 485
No of Claims : 24

(57) Abstract :
The present invention provides compounds of the formula 1: its enantiomers, diastereomers, racemic mixtures thereof, prodrugs, crystalline forms, non-crystalline forms, amorphous forms thereof, solvates thereof, metabolites thereof, and pharmaceutically acceptable salts, wherein the ring A substituent groups are fully defined in the following disclosure. The compounds of formula I are inhibitors of metalloproteases such as matrix metalloproteases and sheddases, and are useful in treating diseases such as rheumatoid arthritis, psoriasis, neoplastic diseases, allergies and all those diseases wherein inhibition of MMPs is desirable.



I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2006

(21) Application No.1297/KOLNP/2006 A
(43) Publication Date : 27/04/2007

(54) Title of the invention : GLYCEROPHOSPHOLIPIDS CONTAINING OMEGA-3 AND OMEGA-6 FATTY ACIDS

(51) International classification :A61K 31/683
(31) Priority Document No :158552
(32) Priority Date :22/10/2003
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2004/000957
Filing Date :21/10/2004
(87) International Publication No :WO 2005/037848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ZUBAI, RASSAN
5)BAR-ON, ZOHAR
6)SHULMAN, AVIDOR
7)PELLED, DORI

No of Pages : 65
No of Claims : 39

(57) Abstract :
Disclosed is a lipid preparation comprising a glycerophospholipid or salt, conjugate and derivatives thereof, particularly phosphatidylserine (PS), phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidyl-inositol (PI), phosphatidylglycerol (PG) and phosphatidic acid (PA), and poly-unsaturated fatty acid (PUFA) acyl groups, particularly long-chain poly-unsaturated fatty acid (LC-PUFA) acyl groups such as omega-3 and/or omega-6 acyl groups, wherein said PUFA is covalently bound to said glycerophospholipid. The disclosed preparations possess an improved bioactivity, and are useful in the treatment of various cognitive and mental conditions and disorders and for maintenance of normal functions of brain-related systems and processes, for example ADHD.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2006

(21) Application No.1298/KOLNP/2006 A
(43) Publication Date : 27/04/2007

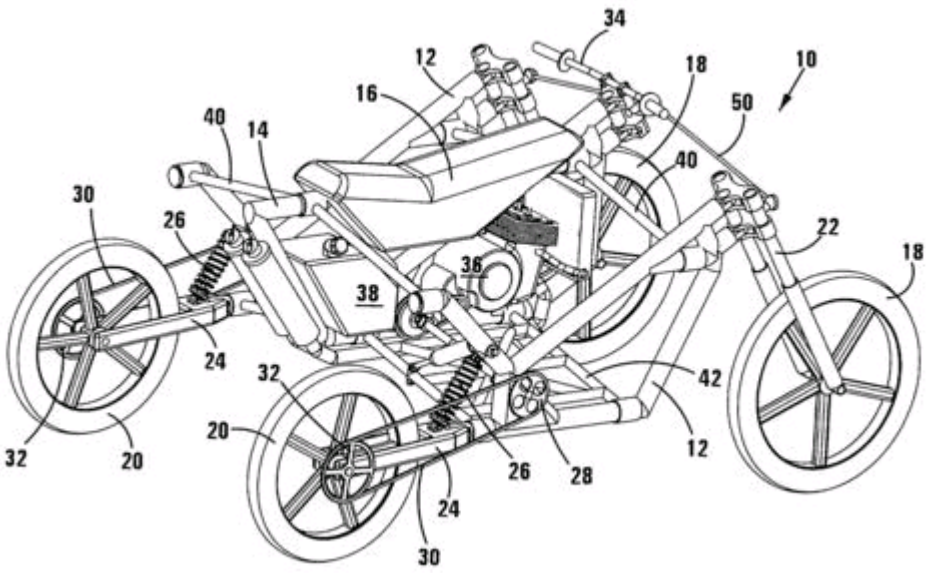
(54) Title of the invention : LATERALLY-LEANING FOUR WHEELED VEHICLE

(51) International classification :B60G 21/00
(31) Priority Document No :2003/8179
(32) Priority Date :21/10/2003
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2004/003436
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(61) Patent of Addition to Application Number :NA
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Filing Date :NA

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No of Pages : 22
No of Claims : 17

(57) Abstract :
This invention relates to wheeled vehicles and particularly to motorised road vehicles. The wheeled vehicle (10) includes two frames (12) for carrying road wheels (18, 20), the frames (12) being laterally spaced apart. A pair of road wheels (18, 20) are mounted on each frame (12) for supporting that frame (12) on the ground, the wheels (18, 20) of each pair being mounted for rotation about operatively more or less horizontal rotational axes which are spaced apart along the associated frame (12). A motor (36) is connected by a drive train (48, 28, 30, 32) to a rear wheel (20) on each of the wheeled frames (12). The wheeled frames (12) are connected together for synchronous tilting relative to the vertical, so that the camber angles of all the wheels (18, 20) change in response to lateral tilting of the frames (12).



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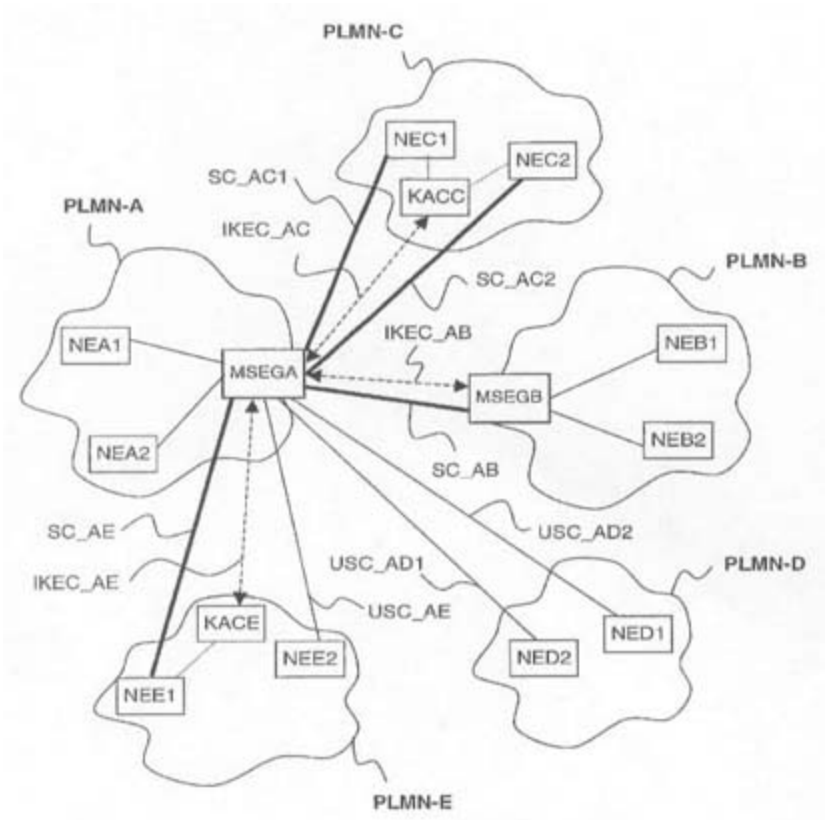
(54) Title of the invention : NETWORK AND NODE FOR PROVIDING A SECURE TRANSMISSION OF MOBILE APPLICATION PART MESSAGES

(51) International classification :H04Q 7/38
(31) Priority Document No :PCT/EP2003/011609
(32) Priority Date :20/10/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2003/011609
Filing Date :20/10/2003
(87) International Publication No :WO 2005/043859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 21
No of Claims : 10

(57) Abstract :
Network and node for providing a secure transmission of mobile application part messages According to the present invention a telecommunication network with a first domain (PLMN-A) comprising at least one mobile application part protocol instance is connected to a gateway node (MSEGA) which is adapted to send and receive mobile application part messages and which is connectable to a second domain. The telecommunication network is remarkable in that the gateway node (MSEGA) is adapted to receive a mobile application part message from the first domain, to convert the received mobile application part message obtaining a secured mobile application part message, and to send the obtained message to the second domain. The gateway node (MSEGA) is further adapted to receive a secured mobile application part message from the second domain, to extract an unsecured mobile application part message from the received secured mobile application part message and to send the extracted message to the first domain.



(12) PATENT APPLICATION PUBLICATION
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(43) Publication Date : 27/04/2007

(54) Title of the invention : INTERFERON ALPHA ANTIBODIES AND THEIR USES

(51) International classification :A61K 39/395
(31) Priority Document No :60/528,757
(32) Priority Date :10/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/041777
Filing Date :10/12/2004
(87) International Publication No :WO/2005/059106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
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Filing Date :NA

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5)PASSMORE, DAVID

No of Pages : 112
No of Claims : 54

(57) Abstract :
The present invention provides isolated anti-interferon alpha monoclonal antibodies, particularly human monoclonal antibodies, that inhibit the biological activity of multiple interferon (IFN) alpha subtypes but do not substantially inhibit the biological activity of IFN alpha 21 or the biological activity of either IFN beta or IFN omega. Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the invention are also provided. The invention also provides methods for inhibiting the biological activity of IFN alpha using the antibodies of the invention, as well as methods of treating disease or disorders mediated by IFN alpha, such as autoimmune diseases, transplant rejection and graft versus host disease, by administering the antibodies of the invention.

PUBLICATION UNDER SECTION 43 (2)

Following Patents have been granted and any person interested in opposing these patents Under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office on the prescribed form 7 along with written statement and evidence if any.

SL NO	PATENT NOS	APPLICATION NOS.	DATE OF APPLICA-TION	DATE OF PRIORITY	TITLE OF INVENTION	NAME OF PATENTEE	DATE OF PUBLICA-TION OF ABSTRACT U/S.11(A)	APPROPRIATE OFFICE.
1	206355	00029/KOL/2003	23/01/2003	14/02/2002	"A SUPPORT FOR A MATERIAL WEB IN COMBINATION WITH LONGITUDINAL CUTTING MEANS FOR CUTTING THE MATERIAL WEB AND A DEVICE THEREOF"	E.C.H.WILL GMBH	20/01/2006	KOLKATA
2	206356	00121/CAL/1999	16/02/1999	3/3/1998	"A METHOD FOR THE PRODUCTION OF A CEMENT DISPERSANT AND A METHOD OF PRODUCING CONCRETE"	TAKEMOTO YUSHI KABUSHIKI KAISHA	3/2/2006	KOLKATA
3	206357	00159/CAL/2000	15/03/2000	30/03/1999	" MECHANICAL FILTER FOR ACOUSTIC SYSTEMS AND TELEVISION SET EQUIPPED WITH SUCH FILTERS".	THOMSON MULTIMEDIA	13/01/2006	KOLKATA

4	206358	00161/CAL/2000	16/03/2000	14/04/1999	"METHOD OF REFINING HIGH-CARBON METAL MELT"	MOSKOVSKY GOSUDARSTVENNY INSTITUT STALI I SPLAVOV (TEKHNOLOGICHESKY UNIVERSITET)	3/3/2006	KOLKATA
5	206359	00233/CAL/2000	19/04/2000	12/5/1999	"A METHOD FOR PRODUCING MATCHED FLUIDIC SURFACES"	MTU MOTOREN-UND TURBINEN-UNION MUNCHEN GMBH	3/1/2006	KOLKATA
6	206360	00238/CAL/2000	24/04/2000	31/05/1999	"AN IMPROVED ABSORBER FOR CAUSING A LIQUID WORKING FLUID TO ABSORB A GASEOUS WORKING FLUID"	HARUO UEHARA	3/2/2006	KOLKATA
7	206361	00293/CAL/2000	19/05/2000		"AN IMPROVED APPARTUS FOR ULTRASONOGRAPHY USING A CONTINUOUS WAVE DOPPLER SYSTEM.'	"INDIAN INSTITUTE OF TECHNOLOGY"	17/03/2006	KOLKATA
8	206362	00295/CAL/2000	22/05/2000	27/05/1999	RUBBER POWDERS WHICH CONTAIN LARGE AMOUNTS OF FILLERS, A PROCESS FOR PREPARING THEM AND THEIR USE	PKU PULVERKAUTSCHUK UNION GMBH	3/3/2006	KOLKATA
9	206364	00325/KOL/2004	15/06/2004	29/03/1999	" AN ALKALI PROMARY BATTERY ".	KAWASAKI JUKOGYO KABUSHIKI KAISHA,	3/2/2006	KOLKATA

10	206365	00483/KOL/2004	12/8/2004		"TRANSFER SET"	LALIT MAHAJAN	18/11/2005	KOLKATA
11	206366	00608/CAL/2000	31/10/2000	10/11/1999	"SAWTOOTH WIRE"	GRAF & CIE AG.,	17/03/2006	KOLKATA
12	206367	00680/CAL/1999	3/8/1999	21/08/1998	A COATED SOLAR CONTROL GLASS	ATOFINA CHEMICAL INC.	6/1/2006	KOLKATA
13	206368	00747/CAL/1999	1/9/1999	11/9/1998	SANITARY NAPKIN WITH DEFORMABLE ABSORBENT CORE	UNI-CHARM CORPORATION	31/03/2006	KOLKATA
14	206369	01660/CAL/1998	17/09/1998		A PROCESS OF PREPARATION OF NANOSIZED METAL MOLYBDATE PARTICLES	INDIAN INSTITUTE OF TECHNOLOGY	24/02/2006	KOLKATA
15	206370	1004/CAL/1999	22/12/1999	13/01/1999	"LOAD REACTION STEERING UNIT FOR UNEQUAL AREA CYLINDER"	"EATON CORPORATION "	13/01/2006	KOLKATA
16	206371	102/CAL/2002	22/02/2002		"A PROCESS FOR THE PREPARATION OF A NOVEL POLYURETHANE AND ITS APPLICATION AS MEMBRANE FOR SELECTIVE SEPARATION OF ORGANIC POLLUTANTS(PHENOLIC COMPOUNDS)FROM AQUEOUS SOLUTINS BY PERVAPORATION".	INDIAN INSTITUTE OF TECHNOLOGY, COUNCIL OF SCEIONTIFIC AND INDUSTRIAL RESEARCH	13/01/2006	KOLKATA
17	206373	1099/CAL/1998	23/06/1998	30/06/1997	"GAS TURBINE"	HITACHI LTD	24/02/2006	KOLKATA

18	206374	1149/CAL/1998	30/06/1998	13/01/1998	"A PROCESS OF PRODUCING SULFURIC ACID FROM SO3 AND WATER"	METALLGESELLSCHAFT AKTIENGESELLSCHAFT	27/01/2006	KOLKATA
19	206375	119/KOL/2003	26/02/2003		"AN IMPROVED TOGGLE SPRING DEVICE FOR USE IN A SWITCH OR CROSSING IN A RAILWAY TURNOUT"	BINA METAL WAY PVT. LTD.	31/03/2006	KOLKATA
20	206376	128/CAL/1999	19/02/1999		A STERILIZATION DEVICE	RAJENDRA PRASAD RAWAT	30/12/2005	KOLKATA
21	206377	1369/CAL/1998	3/8/1998	21/08/1997	A VACUUM EXTRUSION LINE	OWENS CORNING	28/10/2005	KOLKATA
22	206378	1425/CAL/1998	10/8/1998	22/09/1997	"A HIGH DATA RATE COMMUNICATION SYSTEM"	INTEL CORPORATION	3/3/2006	KOLKATA
23	206379	154/CAL/2002	19/03/2002		"A METHOD OF CONTROLLING A VEHICULAR FORMATTEDTRANSMISSION SYSTEM"	EATON CORPORATION	3/3/2006	KOLKATA
24	206380	159/KOL/2004	1/4/2004	18/08/2003	SUCTION MUFFLER CONNECTOR AND COMPRESSOR THEREWITH .	LG ELECTRONICS INC.	13/01/2006	KOLKATA

25	206381	1757/CAL/1997	23/09/1997	16/10/1996	"A STABLE NON AQUEOUS COMPOSITION OF AN ACTIVE AGENT"	ALZA CORPORATION	11/3/2005	KOLKATA
26	206382	1780/CAL/1998	7/10/1998	8/10/1997	"A BUCKLE AND A METHOD OF SECURING TWO PARTS OF A STRAP RELATIVE TO EACH OTHER ABOUT BALED MATERIAL USING SAID BUCKLE"	"EUROPA PACKAGING COMPANY LIMITED"	20/01/2006	KOLKATA
27	206383	1999/CAL/1996	18/11/1996	20/11/1995	"NOVEL N,N'-BRIDGED BISINDOLYLMALEIMIDIES AND PROCESS OF PREPARING THEREOF"	ELI LILLY AND COMPANY	26/08/2005	KOLKATA
28	206384	207/KOL/2004	26/04/2004	29/05/2003	IMPACT TYPE PARTICLE SEPARATOR MADE OF MUTUALLY INVERTED U-SHAPED ELEMENTS.	THE BABCOCK AND WILCOX COMPANY.	13/01/2006	KOLKATA

29	206385	2111/CAL/1998	1/12/1998	15/12/1997	"A VEHICULAR PARTIALLY AUTOMATED MECHANICAL TRANSMISSION SYSTEM AND A METHOD FOR CONTROLING SUCH SYSTEM"	EATON CORPORATION	11/11/2005	KOLKATA
30	206386	2230/CAL/1998	31/12/1998		"TOPICAL PHARMACEUTICAL COMPOSITIONS FOR HEALING WOUNDS."	HEDONIST BIOCHEMICAL TECHNOLOGIES CO..,LTD.	3/2/2006	KOLKATA
31	206387	2321/CAL/1997	8/12/1997	9/1/1997	"A FREE RADICAL CURABLE ADHESIVE COMPOSITION AND A METHOD FOR ADJUSTING THE CURE RATE OF THE COMPOSITION"	LORD CORPOARTION	24/03/2006	KOLKATA
32	206389	260/CAL/2001	1/5/2001		"PROCESS AND APPARATUS FOR THE EXTRACTION AND CONCENTRATION OF TOCOPHEROLS"	GENERAL FOODS LIMITED	5/8/2005	KOLKATA
33	206390	27/CAL/2000	18/01/2000	20/01/1999	"A TREATING AGENT FOR USE IN THE BAYER PROCESS"	NALCO CHEMICAL COMPANY	20/01/2006	KOLKATA

34	206391	274/CAL/2001	11/5/2001	12/5/2000	"A SANITARY NAPKIN WITH BREATHABLE EXTENSION FOR PLACEMENT"	JOHNSON&JOHNSON INC..,	18/11/2005	KOLKATA
35	206392	29/CAL/2001	19/01/2001	2/2/2000	"SCROLL COMPRESSOR "	COPELAND CORPORATION	18/03/2005	KOLKATA
36	206393	30/CAL/2001	19/01/2001	18/02/2000	""METHOD AND APPARATUS FOR MANUFACTURING A SAWTOOTH WIRE FOR ALL-STEEL SAWTOOTH WIRE CARDCLOTHING"	GRAF &CIE AG..,	18/03/2005	KOLKATA
37	206394	306/KOL/2004	8/6/2004	12/6/2003	IMPROVED LOCK FOR BI-DIRECTIONAL DOORS.	TRIMEC TECHNOLOGY LIMITED.	9/9/2005	KOLKATA
38	206395	322/KOL/2004	15/06/2004	29/03/1999	AN ALKALI SECONDARY BATTERY	KAWASAKI JUKOGYO KABUSHIKI KAISHA	24/02/2006	KOLKATA
39	206398	337/CAL/2000	8/6/2000	10/6/1999	"AN APPARATUS AND METHOD FOR PLAYING BACK AN OPTICAL DISC"	MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.	3/2/2006	KOLKATA
40	206399	342/CAL/1999	16/04/1999	30/04/1998	FLUID PUMP DISPENSER	CALMAR-MONTURAS, S.A.	3/2/2006	KOLKATA
41	206400	354/CAL/2002	4/6/2002	28/06/2001	"DIRECT COLLING TYPE REFREIGERATOR"	LG ELECTRONICS INC.,	30/12/2005	KOLKATA

42	206401	356/CAL/1999	19/04/1999	18/04/1998	" CHANNEL ENCODING / DECODING APPARATUS AND METHOD FOR COMMUNICATION SYSTEM".	SAMSUNG ELECTRONICS CO., LTD.,	3/2/2006	KOLKATA
43	206402	356/CAL/2000	21/06/2000		"A PROCESS FOR MANUFACTURING SILICA INSULATING REFRACTORY BRICKS AND SHAPES"	DALMIA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH,	17/02/2006	KOLKATA
44	206403	361/CAL/2000	26/06/2000		'A PROCESS FOR THE PRODUCTION OF MINERAL WATER'	MR. ASHOK KUMAR MITRA, SUDIPTA MITRA & PRATIM CHOWDHURY., SUDIPTA MITRA ,PRATIM CHOUDHURY	13/01/2006	KOLKATA
45	206404	364/KOL/2004	28/06/2004		A METHOD FOR DETERMINATION OF COKING INDEX AND EVALUATION OF PROGRESS OF CARBONIZATION IN EACH OVEN.	STEEL AUTHORITY OF INDIA LTD.	13/01/2006	KOLKATA

46	206405	365/CAL/2002	11/6/2002	26/06/2001	"A SHELL-AND-TUBE REACTOR AND METHOD FOR PRODUCING(METH) ACRYLIC ACID AND/OR(METH) ACROLEIN EMPLOYING SAID REACTOR"	NIPPON SHOKUBAI CO.LTD	7/4/2006	KOLKATA
47	206406	367/CAL/2001	2/7/2001	30/06/2000	"TASTE-MASKED PHARMACEUTICAL PARTICLES"	MCNEIL-PPC.INC,	11/3/2005	KOLKATA
48	206407	37/CAL/2000	21/01/2000		" CONTROL SYSTEM FOR COILER JAW ADJUSTMENT IN SKELP MILL"	STELL AUTHORIY OF INDIA	3/2/2006	KOLKATA
49	206408	371/CAL/2000	3/7/2000	7/7/1999	"AN ABSORBENT ARTICLE"	MCNEIL-PPC,INC..,	13/01/2006	KOLKATA
50	206409	379/CAL/1999	22/04/1999	26/02/1999	"A SURGICAL SCALPEL WITH A DOUBLE GRIND BLADE EDGE AND A DETACHABLE HANDLE"	THOMAS D. PETERSEN	3/2/2006	KOLKATA
51	206410	379/KOL/2004	1/7/2004		AN IMPROVED METHOD OF OPTIMIZING THE PROCESS OF FERMENTATION IN BLACK TEA MANUFACTURE.	DR.PRANAB ROY.	7/4/2006	KOLKATA

52	206411	39/CAL/2000	27/01/2000		"TANK'S FLUID RANGING AUTOMATIC SWITCH FOR THE ELECTRIC MOTOR PUMP"	RAMESH PRASAD SHRIVASTAVA	13/01/2006	KOLKATA
53	206413	405/CAL/2000	14/07/2000	27/07/1999	"TRANSFORMER, ESPECIALLY FOR POWERING CATHODE RAY TUBES"	THOMSON TELEVISION COMPONENTS FRANCE,	16/12/2005	KOLKATA
54	206414	459/CAL/1998	19/03/1998	21/03/1997	"FLAT RADIATOR"	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	6/1/2006	KOLKATA
55	206415	463/CAL/1999	18/05/1999	12/10/1998	AN IMPROVED TEALEAF SIFTING APPARATUS OF VERTICAL VIBRATION TYPE	MASARU HATTORI	30/12/2005	KOLKATA
56	206416	479/CAL/1999	21/05/1999	21/05/1998	"AN OPTICAL PICKUP TO DIRECT AN INCIDENT LIGHT ONTO A RECORDING MEDIUM AND RECEIVE THE LIGHT REFLECTED FROM THE RECORDING MEDIUM".	SAMSUNG ELECTRONICS CO. LTD.,	30/12/2005	KOLKATA
57	206418	53/CAL/2000	3/2/2000	4/2/1999	A SPECTACLE LENS	JOHNSON & JOHNSON VISSION CARE, INC	13/01/2006	KOLKATA

58	206419	563/KOL/2004	14/09/2004		AN IMPROVED SEPTIC TANK SYSTEM WITH SEWAGE TREATMENT PLAN.	HAZI SAYED AKBAR ALI,	7/4/2006	KOLKATA
59	206420	578/KOL/2003	10/11/2003	21/11/2002	A BATTERY OPERATED PUMP SPRAYER.	SAINT-GOBAIN CALMAR INC	19/05/2006	KOLKATA
60	206421	579/CAL/1999	25/06/1999	16/02/1999	"A METHOD OF TRANSPORTING A DIAGONOSTIC SAMPLE,COLLECTED FROM AN EXAMINEE,TO A MEDICAL EXAMINATION CENTER ,AND A SAMPLING KIT FOR THE SAME"	MILLS: MATSUMOTO INSTITUTE OF LIFE SCIENCE	31/03/2006	KOLKATA
61	206422	601/CAL/2000	27/10/2000	19/11/1999	"PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS IN CONJUNCTION WITH A PRESSURE SWING ADSORPTION UNIT"	UHDE GMBH	30/12/2005	KOLKATA
62	206423	635/CAL/2001	15/11/2001	16/11/2000	"A SANITARY NAPKIN HAVING REGIONS OF IMPROVED FLEXIBILITY"	MCNEIL-PPC,INC	24/03/2006	KOLKATA

63	206424	635/KOL/2003	16/12/2003		AN ELECTRONIC BALLAST FOR HIGH WATTAGE HIGH INTENSITY DISCHARGE LAMP	SUBODHA CHANDRA RATH	2/12/2005	KOLKATA
64	206425	639/CAL/2000	15/11/2000	22/11/1999	PROCESS FOR RECORDING A SCRAMBLED MPEG STREAM	THOMSON MULTIMEDIA	17/02/2006	KOLKATA
65	206427	678/CAL/2000	12/12/2000	22/12/1999	"PROCESS AND APPRATUS FOR PRODUCING A LAMINATE COMPRISING AT LEAST ONE POLYMER FILM WITH INFORMATION AND AT LEAST ONE SUBSTRATE FOR FURTHER PROCESSING FOR FORGERY-PROFF DOCUMENTS"	KIENER MASCHINENBAU GMBH	3/2/2006	KOLKATA
66	206428	681/CAL/2000	14/12/2000	30/12/1999	"PROCESS FOR GENERATING FOR DISPLAY ON A DISPLAY DEVICE A REPRESENTATION OF A VIDEO SIGNAL	THOMSON MULTIMEDIA,	24/03/2006	KOLKATA

67	206429	713/CAL/2001	24/12/2001	28/12/2000	"AN OPTICAL REPEATING APPARATUS USING DAIZY CHAIN METHOD AND THE METHOD FOR THE SAME"	LG ELECTRONICS INC.	10/2/2006	KOLKATA
68	206430	714/CAL/1999	17/08/1999	17/08/1998	"DEVICE AND METHOD FOR TRANSMITTING PREAMBLE OF ACCESS CHANNEL IN CDMA MOBILE COMMUNICATION SYSTEM"	SAMSUNG ELECTRONICS CO.,LTD.,	3/2/2006	KOLKATA
69	206431	745/CAL/1999	1/9/1999	3/9/1998	"PROCESS FOR PREPARING PRECIPITATED SILICI C ACI D"	DEGUSSA A.G	31/03/2006	KOLKATA
70	206432	756/CAL/1999	6/9/1999	3/12/1998	"A VERTICALLY DISPOSED SPINDLE A RING SPINDLE MACHINE OR OF A RING-TWISTING MACHINE"	STAHLECKER FRITZ	23/12/2005	KOLKATA
71	206433	763/KOL/2004	29/11/2004	3/12/2003	PUMP.	HALDEX BRAKE CORPORATION.	3/2/2006	KOLKATA

72	206434	767/CAL/1999	8/9/1999	8/9/1998	"DEVICE AND METHOD FOR GENERATING QUATERNARY COMPLEX QUASI ORTHOGONAL CODE IN CDMA COMMUNICATION SYSYTEM"	SAMSUNG ELECTRONICS CO . LTD	3/3/2006	KOLKATA
73	206435	839/CAL/1999	12/10/1999	12/10/1998	"A DEVICE AND METHOD FOR SELECTIVELY TRANSMITTING AN IMAGE FILE IN A COMMUNICATION TERMINAL SUPPORTING IMAGE COMMUNICATION".	SAMSUNG ELECTRONICS CO..,LTD.	30/12/2005	KOLKATA
74	206436	840/CAL/1999	12/10/1999	4/11/1998	"A PROCESS FOR PREPARING POLYESTER ".	INVISTA TECHNOLOGIES S.a.r.l..,	13/01/2006	KOLKATA
75	206437	870/CAL/1999	29/10/1999	22/10/1999	A METHOD FOR PREPARING A METALLO ALUMINOSILICATE	INTEVEP,.S.A	6/1/2006	KOLKATA
76	206438	893/CAL/1999	10/11/1999	29/12/1998	A COOLING WATER SYSTEM FOR AN INTERNAL COMBUSTION ENGINE	SUZUKI MOTOR CORPORATION	30/12/2005	KOLKATA

77	206440	905/CAL/1999	16/11/1999	1/12/1998	'ELECTRIC LAMP AND AN ILLUMINATING SYSTEM HAVING SUCH AN ELECTRIC LAMP"	PATENT-TREUHAND - GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	30/12/2005	KOLKATA
78	206441	918/CAL/1999	22/11/1999	20/07/1999	"MEMBRANE UNIT FOR LIQUID GAS STORAGE TANKS"	KOREA GAS CORPORATION	31/03/2006	KOLKATA
79	206442	923/CAL/1999	24/11/1999	14/12/1998	"A PROCESS FOR MAKING A CONTACT LENS WITH AT LEAST ONE MARK"	JOHNSON&JOHNSON VISION PRODUCTS INC..,	10/6/2005	KOLKATA
80	206443	933/CAL/1999	26/11/1999	9/1/1999	LIFTING DEVICE FOR THE LOWER STEERING ARMS OF AN ATTACHING DEVICE OF A TRACTOR	GKN WALTERSCHEID GMBH	13/01/2006	KOLKATA
81	206444	94/KOL/2004	5/3/2004	10/3/2003	BI- INJECTION TRIGGER SPRAYER NOZZLE CAP.	SAINT-GOBAIN CALMAR INC.	2/12/2005	KOLKATA
82	206445	982/CAL/1998	3/6/1998	6/6/1997	"A UTILITY METER ADAPTED IN AN AUTOMATIC METER READING NETWORK"	ABB POWER T&D COMPANY INC..,	6/1/2006	KOLKATA
83	206447	00302/CAL/2002	14/05/2002	3/12/2001	FLUID COMPRESSING APPARATUS	SAMSUNG GWANGJU ELECTRONICS CO.LTD.	11/3/2005	KOLKATA
84	206448	00390/KOL/2003	17/07/2003	19/03/2003	DEVICE FOR STORAGE OF CORD FOR MOUSE	WEI JOSE	20/01/2006	KOLKATA

85	206449	00405/CAL/1998	12/3/1998	9/5/1997	"A HEAT REMOVAL SYSTEM ,A COMPUTER KEYBOARD, AND AN APPARATUS"	INTEL CORPORATION	3/2/2006	KOLKATA
86	206450	03/CAL/1999	1/1/1999	16/03/1998	"MODULAR INK-JET HARD COPY APPARATUS AND METHODOLOGY"	HEWLETT-PACKARD COMPANY	17/02/2006	KOLKATA
87	206451	292/KOL/2004	1/6/2004	17/10/2000	AN EARRING CARTRIDGE	REIL VLADIMIR	16/12/2005	KOLKATA
88	206452	346/CAL/2002	31/05/2002	12/6/2001	"PERCUTANEOUS BIOLOGICAL FLUID SAMPLING AND ANALYTE MEASUREMENT DEVICES AND METHODS.	LIFESCAN INC.	25/03/2005	KOLKATA
89	206453	387/KOL/2004	2/7/2004		FLEXIBLE CONTACT TUBE FOR ROTATION ARC GMA WELDING.	INDIAN INSTITUTE OF TECHNOLOGY ,	24/03/2006	KOLKATA
90	206454	400/CAL/2001	19/07/2001	25/07/2000	'A METHOD FOR REMOVING NITRATES FROM WATER"	SUD CHEMIE MT S.R.1	24/03/2006	KOLKATA
91	206455	410/CAL/1999	3/5/1999	8/5/1998	'TRANSMISSION POWER CONTROL METHOD IN CDMA COMMUNICATION'.	Matsushita Electric Industrial Co. Ltd.,	6/1/2006	KOLKATA
92	206456	527/CAL/2000	13/09/2000	14/09/1999	ENGINE IGNITION SYSTEM	MITSUBA CORPORATION, HAGIMURA MASAMI	6/1/2006	KOLKATA

93	206457	88/CAL/2001	15/02/2001	16/02/2001	"OPTICAL DISC, AND METHOD OF AND APPARATUS FOR RECORDING SIGNAL ONTO THE SAME".	PIONEER CORPORATION,	13/01/2006	KOLKATA
94	206458	980/CAL/1998	2/6/1998		"MICRO MICROSCOPE".	RAMENDRA LAL MUKHERJEE	30/12/2005	KOLKATA
95	206459	449/KOL/2004	28/07/2004	13/02/1997	A METHOD OF MANUFACTURING A SILICON INGOT IN A HOT ZONE FURNACE.	SAMSUNG ELECTRONICS CO . LTD.	3/3/2006	KOLKATA
96	206460	48/CAL/2001	30/01/2001	2/1/2001	"STRUCTURE FOR ADJUSTING GAP BETWEEN AN ANCHOR SEAT AND A NEEDLE DRUM SEAT OF A CIRCULAR KNITTING MACHINE"	PAI LUNG MACHINERY MILL CO, LTD.	2/9/2005	KOLKATA