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शासकीय जर्नल

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DATE: 04/05/2007

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

4TH MAY, 2007

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Website: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

➤ 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.

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2808 1924, 2808 1925
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www.patentoffice.nic.in
➤ 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.

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(V. RAVI)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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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.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.1312/MUM/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOVEL SULFENAMIDE ACCELERATORS FOR IMPROVED NETWORK STABILIZATION OF RUBBER VULCANIZATES

(51) International classification	:C08L7/00, C07D295/26	(71) Name of Applicant : 1)NATIONAL ORGANIC CHEMICAL INDUSTRIES LIMITED Address of Applicant :Mafatlal House, H.T.Parekh Marg, Backbay Reclamation, Churchgate,Mumbai- 400 020, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Inamdar,Chandrashekhhar Shankar
(33) Name of priority country	:NA	2)Nandi,Chinmoy
(86) International Application No	:NA	3)Gangal,Narendra Digambar
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 11

(57) Abstract :

Sulfenamide derivatives of 4 -alkyl substituted 2- mercapto benzothiazole (4m-MBT) as accelerators used in vulcanizable rubber composition having improved "Reversion Resistance" and "Modulus & Hardness Stabilization" properties for sulphur vulcanized tire compounds predominantly based on Natural Rubber or its blends with Polybutadiene (BR) and styrene butadiene rubber (SBR) in which Natural Rubber is the major component thereby improving the overall tire performance, ride safety and tyre service life.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.278/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :13/02/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : KEY LOCK-IN WARNING AND VEHICLE SECURITY SYSTEM AND METHOD

(51) International classification :B60Q9/00,G07C9/00
(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 to Application Number :NA
Filing Date :NA

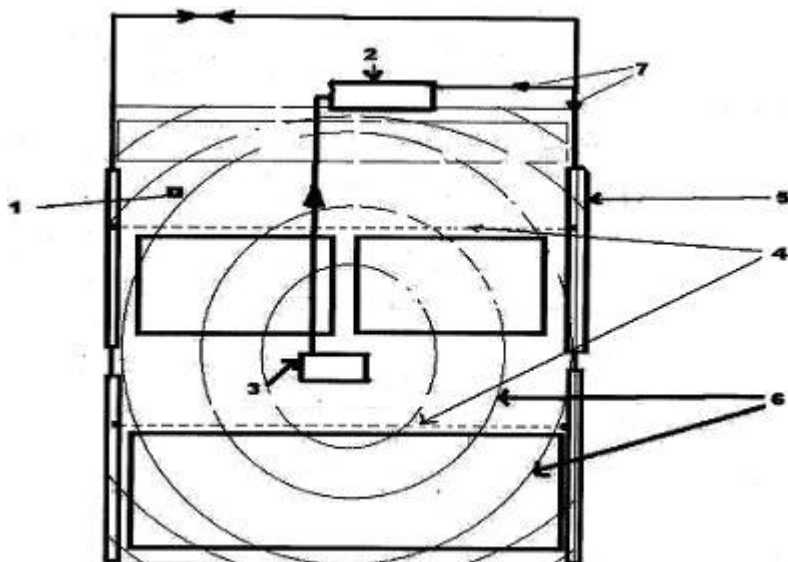
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Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma
Chowk, Mumbai 400 001 Maharashtra India
(72)**Name of Inventor :**
1)sachin Thakur
2)Tukaram Shetty

No of Pages : 16

No of Claims : 10

(57) Abstract :

The invention relates to key lock-in warning and vehicle security system consists of a vehicle key with a passive Radio Frequency Identification (RFID) tag/transponder, an RFID transmitter/receiver mounted inside the vehicle, at least two Infrared Trip wires mounted on the front and rear doors to sense the presence of any person in the vehicle, a control unit to process the signals and execute the logical events, a master actuator to lock and unlock the driver side door and actuators on the door locks of all the other doors connected to the master actuator. The invention also provides a method for key lock-in warning in a vehicle and securing the vehicle from theft using the system as mentioned above.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :07/05/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : Exhaust Gas Fired Thermosyphon LiBr Heat Pump

(51) International classification

:F25B30/00

(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 to Application Number

:NA

Filing Date

:NA

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Address of Applicant :D-13 MIDC Industrial Area, Chinchwad, Pune -
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(72)**Name of Inventor :**

1)Dilip Wamanrao Bapat

2)Samir Vasudeo Kulkarni

No of Pages : 8

No of Claims : 4

(57) Abstract :

There is proposed an exhaust gas fired thermosyphon heat pump comprising: a) a feeding unit for feeding gas to the heat ;exchanger of a thermosyphon unit, b) a hot fluid supply unit for supplying the hot fluid from the heat exchanger of the thermosyphon unit to a vapour absorption machine, c) a high temperature heat generator within vapour absorption machine having Lithium Bromide as working fluid for absorbing the heat from the hot fluid flowing through same, d) a return pipe unit for supplying the depleted fluid from the H. T. generator to the heat exchanger of the thermosyphon. e) there being provided an exhaust gas stack for the discharge of heat depleted exhaust gases from said thermosyphon.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "A PROCESS FOR DISPOSAL OF DISTILLERY WASTE USING A BOILER."

(51) International classification	:B60R15/04	(71) Name of Applicant : 1)CHEEMA BOILERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :SEO 66, PHASE 382, MOHALI, PUNJAB - 160
(32) Priority Date	:NA	059, INDIA. Punjab India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)HARJINDER SINGH CHEEMA
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 0

(57) Abstract :

This invention relates to a process for disposal of distillery waste using a novel boiler such as herein described comprising steps of concentration of distillery waste to obtain semi-solids followed by burning of the semi-solids in said boiler to generate steam with potassic ash.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00090/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :30/01/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : EXPERT SYSTEM FOR ORE SORTING

(51) International classification :B03B1/00
(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 to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SINGH, VEERENDRA
2)M. RAO, SARLPALLI

No of Pages : 15

No of Claims : 15

(57) Abstract :

The invention relates to Expert system for ore sorting. It is a device or a process for on-line quality control, separation and classification of ores, ore-blends and Tacks to improve the quality of ore feed to a plant. It consists of digital tamer a used to produce digital images of ores etc, and an artificial neural network which is an inter connected group of artificial neurons that uses a computational model for information processing based on a connectionist approach to computation.

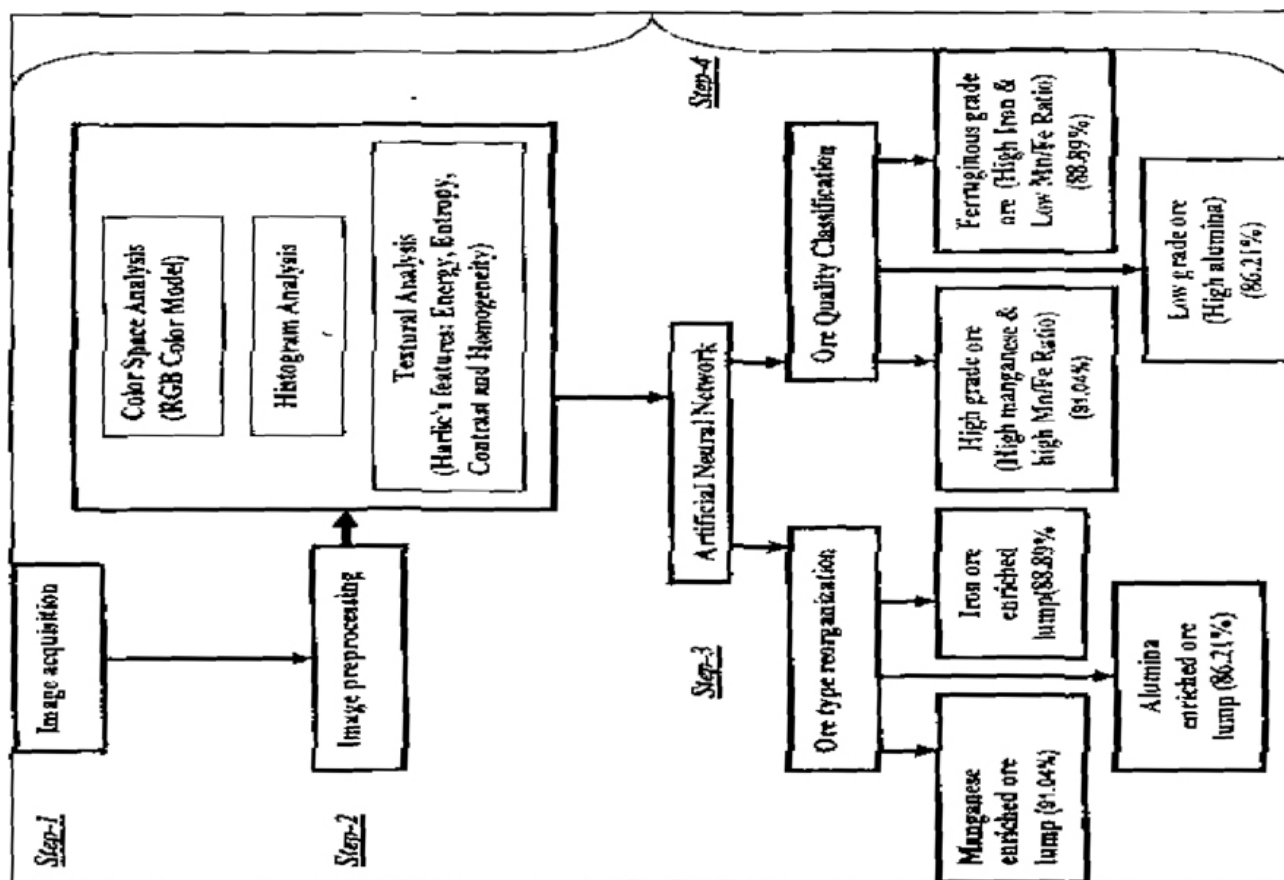


Fig. 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00276/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :28/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : LIFTING TACKLE FOR LUBRICANT BARREL

(51) International classification	:G04D5/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831001, INDIA Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NIRANJAN DUTT
(87) International Publication No	: NA	2)SANJAY CHAKRABORTY
(61) Patent of Addition to Application Number	:NA	3)V.K. MISHRA
Filing Date	:NA	4)KHEMCHAN
(62) Divisional to to Application Number	:NA	5)P.K. TIWARY
Filing Date	:NA	6)A.K. PANDEY

No of Pages : 7

No of Claims : 4

(57) Abstract :

There is provided an ergonomic dismantlable lifting device for safe lifting of hazardous containers, in particular through narrow gaps, the device comprising; atleast four vertical members, each being releasably joinable with at least two horizontal members at an upper end of the vertical members a bottom end of the vertical members being detachably attachable to at least two transverse support member; a lifting member having at least two fixing members disposable at the upper end of the vertical members, and being releasably fixable to the horizontal members, the lifting member having a square hole at a mid-segment to accomodate a lifting hook, a container accomodateable within the device for vertical lifting.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00281/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :29/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : DESTRUCTIVE ULTRASONIC PREDICTION OF FORMABILITY BAR IN COLD ROLLED AND ANNEALED STEEL SHEETS

(51) International classification	:C25F1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831 001, INDIA Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)J.C. PANDEY
(87) International Publication No	: NA	2)M. RAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 5

(57) Abstract :

PURPOSE:To perform on-line decision of the material characteristics of a steel plate and its anisotropy during traveling by measuring the rate of propagation of elastic wave in the steel plate. CONSTITUTION:AY-cut crystal oscillator is used as a transverse wave transmitter. A radio receiving terminal 1 and a transmitting terminal 2 are made in one piece and are so set that both are located always at a constant distance. The center C of a bar connecting both is aligned roughly to the center of the plate width on the traveling line of a steel plate P, and the bar is made rotatable around the central axis C. Water nozzles 3, 4 are provided in order to acoustically couple a transmitter and a surface to be inspected as well as a receiver and the surface to be inspected. The terminals 1, 2 are turned around the normal axis of the steel plate to measure the rates of propagation in the plural directions within the surface. Usually, the values in the three directions; a rolling direction, a 45 deg. direction and a 90 deg. direction, are measured at constant periods or intermittently. The average rates of propagation of the steel plate or the average modulus of rigidity of the steel plate is calculated from the measured values of the rates of propagation in the respective directions; at the same time, the in-surface anisotropy of the material characteristics of the steel plate is evaluated from the modulus G of rigidity in the respective directions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00964/KOL/2005 A

(19) INDIA

(22) Date of filing of Application :20/10/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN ULTRASONIC PROBE ASSEMBLY FOR ULTRASONIC TESTING

(51) International classification	:G01N29/24	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT DIVISION, JAMSHEDPUR - 831 001, INDIA. Jharkhand 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)PANDEY, J.C
(87) International Publication No	: NA	2)RAJ, M
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 5

(57) Abstract :

The main object of the present invention therefore, is to provide an ultrasonic probe assembly using two separate transducers as transmitter and receiver provided at a fixed distance for not only eliminating the dead zone, but also for more accurately measuring the time of flight of ultrasonic waves from transmitter to receiver. This time of flight (TOF) measured can be utilized for materials characterization. The probe assembly of the present invention can further be used for the evaluation of surface, as well as internal flaws. Thus the present invention provides an ultrasonic probe assembly for ultrasonic testing, comprising: a pair of transducers, one a transmitter and the other a receiver, said transducers arranged on a perspex sheet at a fixed distance from one another for measurement of time of flight (TOF) of ultrasonic waves from the surface of a test piece.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01023/KOL/2005 A

(19) INDIA

(22) Date of filing of Application :10/11/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IMPROVED LANCE WITH A CENTRAL SUBSONIC NOZZLE FOR LD STEELMAKING

(51) International classification	:C21C1/02	(71) Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	DIVISION, JAMSHEDPUR - 831 001, INDIA, Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SAMBESIVAM, R.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 8

(57) Abstract :

The Present invention generally relates to an improved lance for LD steelmaking, which comprises, plurality of peripheral supersonic nozzles provided with a single inlet high pressure gas supply line ; and - a central nozzle ; wherein said central nozzle is a subsonic nozzle provided with a separate low pressure gas supply line ; - flow rate through said central subsonic nozzle being controllable for varying generation of liquid metal droplets during blow according to process requirement. In particular the invention relates to a multi-hole lance design with a central separately -controllable subsonic nozzle for varying the generation of liquid metal droplets according to the process requirement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01188/KOL/2005 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : A RUBBER FORMULATION FOR RUBER COVERING ROLLS USED IN STEEL INDUSTRY

(51) International classification	:C08K3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	DIVISION, JAMSHEDPUR - 831 001, INDIA. Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHATTACHARYA, SANDIP KUMAR
(87) International Publication No	: NA	2)CHAKRABORTY, INDRANIL
(61) Patent of Addition to Application Number	:NA	3)BHOWMICK, ANIL KUMAR
Filing Date	:NA	4)DUTTA, BISWANATH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 6

(57) Abstract :

The main object of the present invention therefore, is to provide a rubber formulation having a unique blend of compounding ingredients to give balance of properties required to extend the service life of the rubber covering used in alkaline cleaning and chromate operations in steel industry. Developing an appropriate formulation involves understanding of the service requirements wherein the rubber covered rolls are to perform. This needed several measures to be taken like studying the exact working conditions: (a) Through visits to the plant. (b) Going through the line working drawings and (c) Collecting informations / reports from plant maintenance personnel. Based on the above, an outline can be drawn as to the requirements of the rubber covering composition with respect to its various physical and chemical characteristics. Studying thoroughly the type and nature of failure that has taken place to various rolls supplied by existing sources. The study involved (a) visual observations (b) photographic study of surface characteristics (c) measurement of various physical and chemical characteristics such as dimensions, hardness, surface topography and acetone extraction comparisons of samples of rubber coverings between working portions and non-working portions. The study also involved examining the characteristics of failed portions to ascertain mode of failure as to whether the same is due to chemical attack, or due to heat build-up, or fatigue failure or abrasive or cutting type of failure or is due to construction or manufacturing faults like de-laminations or interfacial failure. As in many instances the nature of failure revealed that the same is due to the combined effect of various facts, further analysis had to be done to find out the predominant one involved. Based on the above, a refinement on the requirements of the properties to be attained in the rubber covering compositions for the present invention was on the basis of the above a series of rubber covering compositions was made and their various properties were studied. Followed by screening of the results of such compositions, several rubber formulations have been selected which were then subjected to simulated environments and based on the comparative evaluation results a few have been short listed. A fine tuning of the selected formulations have been carried out so that those laboratory developed formulations are transferred to usable and processable ones to real plant conditions. Such fine tuned compositions again have undergone simulated service tests and finally have been used in actual roll manufacturing. Thus the present invention provides a rubber formulation for rubber covering rolls used in steel industry comprising: compounding ingredients for giving a balance of properties required for extending the service life of said rubber covering in alkaline cleaning and chromate operations. A rubber composition using concentrated PF resin a balance of properties can be provided for improving the service life in the alkaline section. In the chromate section an epoxy resin can be incorporated in the polymer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :02/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : UNIQUE NATURAL OILS AND CREAM FOR RECOVERING THE DISEASE LIKE SPONDYLOSIS, OSTEO-ARTHRITIS ETC AND THE PROCESS OF PRODUCING THE SAME

(51) International classification	:A61K36/73
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)APURBA GANGULY
Address of Applicant :8/2C, HAZRA ROAD, KOLKATA 700 026,
INDIA West Bengal India
(72)**Name of Inventor :**
1)APURBA GANGULY

(57) Abstract :

The first aspect of the invention is the unique natural oils and cream are comprising of one black oil, one red oil and one cream all are generally produced by natural resources: wherein black oil is comprising of different oils, raw juices, paste of whole plants, paste of leaves & flowers, paste of roots & barks, different powders, solution of gums and different salts in a certain % of composition; wherein red oil is comprising of essential oil and carrier oil in a certain % of composition; wherein cream is comprising of bee-wax, old ghee, paraffin, different essential oils & carrier oils, water solution of different compounds and other liquids in a certain % of composition. The other aspect of the invention is the process of producing the unique natural oils and cream comprising the process of producing black oil, red oil and cream which are all generally produced from natural resources in a predetermined sequence of operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD OF COUPLED CONTROL OF WATER FLOW RATES OF ALL SHOWERS IN SECONDARY COOLING PHASE OF CONTINUOUS CASTING AND SYNTHESIS OF CONTROLLER THEREOF

(51) International classification	:E03C1/04	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :JAMSHEDPUR 831001 Jharkhand India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ARYA K. BHATTACHARYA
(33) Name of priority country	:NA	2)ABHIK ROY CHAUDHURY
(86) International Application No	:NA	3)P.S. SRINIVAS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 5

(57) Abstract :

A mehtod for maintaining steady temperatures at longitudinally placed control points along the strand in a continuous casting process, the method comprising: - providing atleast one fuzzy logic controller (3); - selecting atleast two input data (Input - 1, Input - 2) for feeding into the fuzzy logic controller (3); - providing a heat transfer module (1); - feeding one of a stored and an on-line data representing a casting condition and an initiating shower flow-rates to the heat transfer module (1) for generating temperatures at all grid points; - providing a FLC-input-extractor module (2) which acquires the at least two input data (Input - 1, Input - 2) at the desired control locations for feeding the data to the fuzzy logic controller (3); - issuing change-commands signals via the fuzzy logic controller (FLC) in respect of the shower-flow-rates based on data received from the heat trasfer module (1) and the FLC-input-extractor module (2), and - inserting the changed-data in the heat transfer module (1) to generate outputs at the next simulation step.

(54) Title of the invention : AN IMPORVED CLAMP DEVICE FOR GUIDES FOR ROLLING ATLEAST ONE BAR IN A LONG ROLLING MILL STAND

(51) International classification :B21B31/00
 (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 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)MR. SANDIP KUMAR PAL
2)MR. T.K. CHAKRABORTY

No of Pages : 8

No of Claims : 2

(57) Abstract :

This invention relates to an improved clamp device for guides for rolling at least one bar in a long roiling mill stand in which the guides (1) are disposed before and after each roll stand, the at least one bar being fed by the guide along the centre line of each roll, the guide being adapted to move lengthwise in both directions within the roll pass, the clamp device having an extended portion (3) at a lower portion for clamping the guide, the extended portion of the clamp device (2) being ceratted to ensure positive grip of the guide to prevent any displacement of the guide.

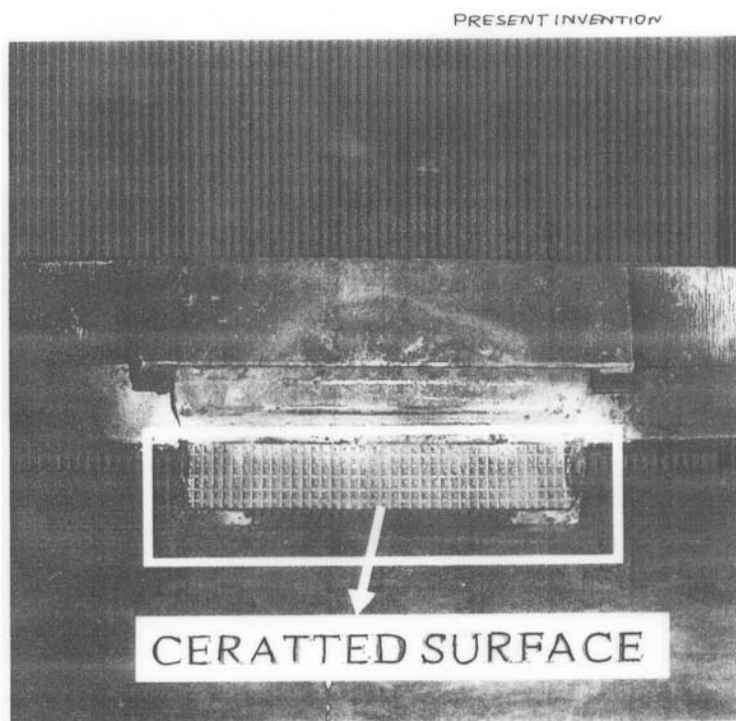
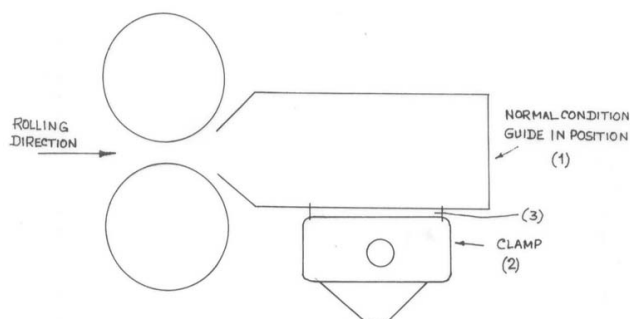


Fig.4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.601/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD OF MAKING STABLE STAMPED COAL, COKE AND COAL CAKE PRODUCED THEREOF TO PRODUCE COKE

(51) International classification	:C01B31/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001 Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MR. PRATIK SWARUP DASH
Filing Date	:NA	2)MR. S H KRISHNAN
(87) International Publication No	: NA	3)MR. RAMESHWAR SHARMA
(61) Patent of Addition to Application Number	:NA	4)DR. PRADIP KUMAR BANERJEE
Filing Date	:NA	5)MR. SUJIT KUMAR HALDAR
(62) Divisional to to Application Number	:NA	6)MR. PROSENJIT SARKAR
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

This invention relates to a method of making stable stamped coal cake to produce coke comprising the steps of preparing a coal blend on crushing coal to fines of 0.0032 m and adding heated coal tar of 0.25 to 6% by weight with the fines and mixed thoroughly, the coal blend then compacted by ramming in a ramming unit to result coal cake of improved wet bulk density, shear and compressive strength than coal cake without any binder excepting moisture which properties being determined through test results followed by characterization tests of coke produced in an oven for ash content, CSR and CRI.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.623/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :23/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : NEW NATURAL PRODUCT THAT PREVENTS/CONTROL SYNDROME X, HYPER AND HYPOGLYCEMIA, HYPERTENTION AND OBESITY

(51) International classification	:A61K38/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATI PADAM
(32) Priority Date	:NA	Address of Applicant :BHARATI PADAM 300, BLOOM FIELD
(33) Name of priority country	:NA	DARJEELING 734101, WEST BENGAL, INDIA West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHARATI PADAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 10

(57) Abstract :

Available drugs on diabetes mellitus, hypertension and obesity have well-known drawbacks and side-effects. For example, insulin therapy regime, mostly in practice, spares some degree of hyperglycemia because if sufficient dose of insulin is administered to affect complete control of hyperglycemia, there would be a risk of hypoglycemia. There may also be the problem of incompatibility amongst various drugs used in treating these three diseases. And, a single drug that successfully treats all these three diseases is probably, non-existent On the above background, a product has been developed that prevents or controls both hyper and hypoglycemia as well as hypertension and obesity, thereby, imparting scope of avoiding or drastically decreasing the requirement of conventional drugs. When used together, it also reduces most of the side effects of these drugs. The product is 100% natural and edible. Almost all of its constituents are from food plants.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SPECIES INJECTION LANCE

(51) International classification	:F27D3/18	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :TATA STEEL LIMITED JAMSHEDPUR
(33) Name of priority country	:NA	831001 Jharkhand India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)P.KUMAR SWAMY
(87) International Publication No	: NA	2)R.V.RAMNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 2

(57) Abstract :

Accordingly there is provided an improved species injection lance for species injection through nozzle into a reactor, comprising; a main pipe having a predetermined inner diameter, the main pipe having sideway provisions to insert a lance pipe, the lance pipe on insertion forming an angle at an exit plane with respect to a centerline of the main pipe; and a nozzle rigidly fixed at a distal end of the main pipe. The lance pipe is inserted into the main pipe such that a tip of the lance pipe is fixed at a distance from an intersection of the centerlines of the lance pipe and the main pipe. The center line of the lance pipe makes on a angle from the centre line of the main pipe. The tip of the lance pipe is configured to have an angle in respect of the centerline of the lance pipe. The device features establishes a relationship of $F = (? - a)$. For a typical configuration of the pipe and the nozzle; the insertion angle of the injection lance and the position of the tip of the lance, there exists an optimum angle of the lance exit plane ? with respect to the center line of the main pipe mid the nozzle, which gives the best possible dispersion of species and which causes minimum contact of species with the inner surface of main pipe and the nozzle. With this finding the development of the Invention proceeds. For a typical inlet diameter of the main pipe, an exit diameter of the nozzle, an insertion angle V of the injection lance and a distance 'd' of the tip of the lance with respect to the centreline of the main pipe, there exists an optimum position 'd' of the lance tip along the lance axis with respect to the centerline of the main pipe, which gives the best possible dispersion of species and which causes minimum contact of species with the inner surface of main pipe and the nozzle. The invention considers such a finding for crystatizing the Invention, As the spread of the pulverized species is almost the same for all angles of the lance exit plane, so it would be better to adopt an angle which gives the least contact angle at the inner surface of the nozzle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN AUTOMATED DEVICE FOR OPTIMISED MEASUREMENT OF MOVING HOT SLAB LENGTH IN A CASTER ROLL MILL.

(51) International classification

:B21B1/46

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED,

Address of Applicant :JAMSHEDPUR 831 001 Jharkhand India

(72)Name of Inventor :

1)S.SISTLA

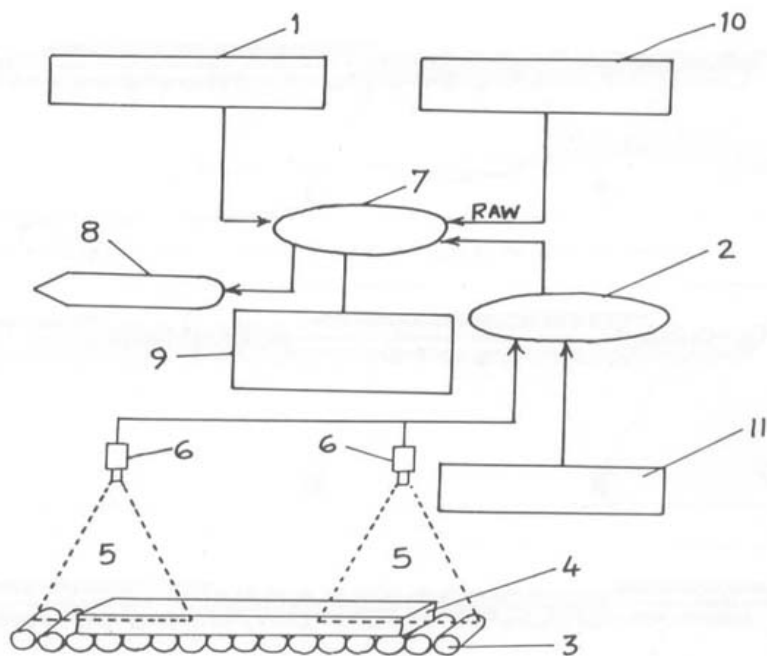
2)PRABAL PATRA

3)ASHISH TIWARI

4)ANINDYA SARKAR

(57) Abstract :

This invention relates to an automated device for optimised measurement of moving hot slab length in a Caster roll mill to be cut in specified length accurately comprising of a pair of linear progressive area scan CCD Cameras (6) installed at a fixed distance from one another in the control pulpit of the caster line to view the hot slab (4), rolled on the caster table (3) and transmitting the images so formed of the slab to an image processing system integrated with the said cameras, the image processing system comprises of a high-end PC (7) with high resolution color graphics monitor (8), high speed frame grabber (2), DSP-based image processing cards and an image processing software (1), wherein the captured images by the cameras are sent to a frame grabber to be processed through an image processing card (10), operated and controlled by the image processing software(1) through the high end PC to save records and generate report (9) and display the accurate length of the hot slab to be cut by a gas flame.



(54) Title of the invention : CLEANING MACHINE OF COMPONENTS IN MANUFACTURING FLOORS.

(51) International classification :A47L13/146
 (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 to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

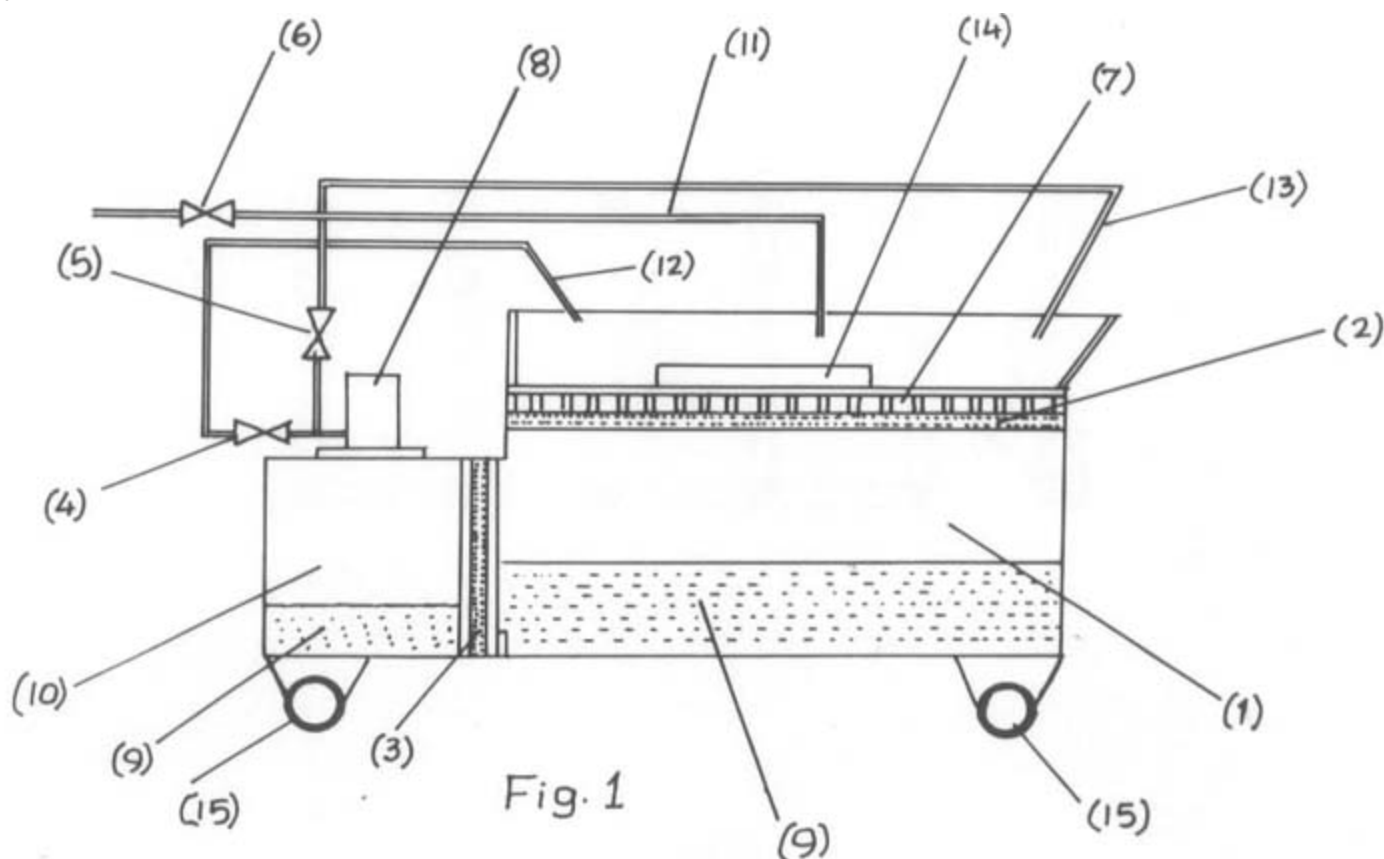
Address of Applicant :Jamshedpur 831001 Jharkhand India

(72)Name of Inventor :

1)SANJAY SEN**2)SUNDERKUMAR PRIYADARSHI**

(57) Abstract :

This invention relates to a cleaning machine of components in manufacturing floors comprising two filtering units (2&3) to filter the used liquid to clean implements/tools, a chamber (1) on the top of which is adapted a grill (7) holding slidably and horizontally a first filter (2) engaged in a frame structure to clean the used liquid on cleaning implements and progressing the cleaned liquid in the said chamber, the cleaned liquid being further cleaned in a vertically adapted second filter (3) kept adjacent to the chamber (1) to further clean the cleaned used liquid to be stored in a cleaning tank (10), the primary used and cleaned used liquid is pumped and recirculated from the cleaning tank (10) to wash and clean the implements (14) kept on the grill (7).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :27/09/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : LADLE TILTING STAND FOR LADLE WITH BALE ARMS.

(51) International classification	:A47J47/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001 Jharkhand India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AVTAR SINGH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accordingly, there is provided an electro-mechanically operated Tilting device for a ladle with bale arms. The ladle tilting device takes care of all the ladle manipulations required during the ladle preparation and release the E O T crane for other shop operation. The device is so configured that the ladle can be caused to rotate from 0° - 360° in forward and reverse direction and eliminates the additional engagement of the E.O.T. The ladle tilting device comprising, a ring-type frame with a trunion pin shrunk fitted on either side. The frame is supported on spherical roller bearings on either side. An epicyclic gearing device is mounted on either side of the ring frame and a sun gear is mounted on a drive shaft with a sleeve-bearing in between. The drive shaft and the trunion pin for drive mechanism are fitted in the blocks. The ladle sits on a bale arm support frames. Two such frames are hinged to the tilting frame. The entire assembly is driven through a four stage heavy-duty gear box and driven through a squirrel cage induction motor through a VWF drive. The VWF drive system has been envisaged in order to have precise speed control of the ladle tilter rotation. Two numbers shunt-wound electromagnetic brakes have been provided to stop the ladle in position during operation. The various positions of the ladle are tracked by proximity of sensors .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :05/10/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYNTHETIC SLAG USED FOR ADJUSTING THE SIO₂ CONTENT OF SLAG IN THE PRODUCTION OF HIGH CARBON FE MN IN SUBMERGED ARC FURNACE(SAF).

(51) International classification	:C21C5/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :Jamshedpur 831001,India Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)VILAS D. TATHAVADKAR
Filing Date	:NA	2)P.K.MISHRA
(87) International Publication No	: NA	3)SARIPALLI M.RAO
(61) Patent of Addition to Application Number	:NA	4)P.K.MALLICK
Filing Date	:NA	5)TARAPADA MOHAPATRA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this novel method, the fine quartz powder (<5mm size) is mixed, in controlled quantity, in the molten slag after tapping. The sensible heat of the slag helps to dissolve the fine quartz particles and also bind the large particles. When used as charge in the furnace the undissolved particles in the slag reacts in the middle zone of the SAF and form the slag of required composition. This process is economical as process uses sensible heat of the slag for dissolution and binding (no additional energy is required) . The energy is required only for crushing of the quartz to required size. It's Utility: The process developed is very economical for production of synthetic slag. The synthetic slag produced will be an important substitute for Mn-ores with high SiO₂ content. The use of synthetic slag in reduction-smelting will also improve the SAF operations. The use of synthetic slag will also minimize the furnace problems such as slag boil. It will also improve the overall Mn recovery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :05/10/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD FOR PREDICTION OF THE NECKING AND RUPTURE FAILURE DURING SHEET METAL FORMABILITY IN A STAMPING OPERATION BY ADAPTING MULTIPLE SIMULATION.

(51) International classification	:G06F17/50	(71) Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :Jamshedpur 831001,India Jharkhand India
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)P.SARAVANAN
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accordingly, there is provided a method for on-line prediction of necking and rupture failure during sheet metal formability in a stamping operation by adapting multiple simulation, the method comprising the steps of: designing a tool and a cross-die corresponding to actual geometrical shape of the sheet metal to be formed by CAD-Model; collecting data for shape, size and thickness of the formable sheet metal; determining the working condition being one of hot and cold; recording data for tool travel during stamping; recording load requirement for stamping; recording a load at which first failure occurs during trial operation; recording percentage strain having maximum principal strain at the end of the full stroke and recording the minor principal strain values at each time step for the particles; plotting a graph with values of minor principal strain (y-axis) vs termination time (x-axis); recording the value of slope change from the plotted graph; and selecting the time which gives the onset of necking occurrence corresponding to the slope change point. After collecting all the numerical data, a numerical simulation has been carried out using an incremental software. The full punch travel and the corresponding termination time required to run the simulation, is calculated. The data of punch travel distance is plotted in X-axis (corresponding simulation termination time in milliseconds) and the minor strains (%) in Y-axis that in turn yield a slope change corresponding to time which matches with the time at which the particles start crossing FLD (Forming Limit Diagram). A selection of optimum strain region is made by discarding the other regions to prevent necking and rupture failure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/KOL/2006 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : ECONOMIC STEEL GRADE FOR SUGAR INDUSTRY TO AVOID UNWANTED OPERATIONAL BREAKDOWNS CAUSED BY CORROSION

(51) International classification	:C21D8/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831001 INDIA Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAJIV MISHRA
Filing Date	:NA	2)TAPAN KUMAR ROUT
(87) International Publication No	: NA	3)NITU RANI
(61) Patent of Addition to Application Number	:NA	4)C.B.LUNAWAT
Filing Date	:NA	5)NIKHILES BANDYOPADHYAY
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To simulate actual service condition, accelerated corrosion studies were carried out over various grades of steel pipes at ambient temperature In pure fresh sugar caue juice. The methodology consists of analysing various different grades of steel pipe for corrosion resistance in sugar cane juice.

All the grades were analysed to get a comparative assessment of their performance is sugar cane juice. The Tafel extrapolation technique was used to obtain the result of the experiment. The pH value of the sugar cane juice was measured before and after each set of experiment. The change in pH value before and after each set of experiment was not significant which ensured the freshness (almost no fermentatlon) of the sugar cane juice.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1101/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :19/10/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD OF ESTIMATION OF FE(TOTAL) IN SPONGE IRON.

(51) International classification

:C22B1/24

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

Address of Applicant :Jamshedpur-831001 India,an Indian Company
Jharkhand India

(72)Name of Inventor :

1)MR.P.Srinivas

2)Mr.A.K.Pathak

3)Mr.A.K.Ghosh

(57) Abstract :

A method of estimation of total iron in sponge iron comprising the steps a sample of sponge iron in a dried beaker, adding 2:1 hydrochloric acid into the beaker and the contents of the beaker then heated below the boiling of the solution to get a clear solution of hydrochloric acid dissolving the total iron in it, stannous chloride solution in concentrated hydrochloric acid is then added to the solution in warm condition till the solution becomes colourless to reduce trivalent iron to ferrous iron, required amount of distilled water is then added to the resulted solution and the solution being allowed to cool to room temperature, proportionate amount of mercuric chloride solution is then added to the cold solution and the resultant contents of the beaker is transferred to a conical flask after a holding time, Zimmerman Reinhardt reagent is then added to the flask and the contents of flask is diluted with distilled water followed by filtration, the filtrate being collected into a conical flask and the said filtrate is titrated against standard potassium permanganate solution to a faint pink end point, the total % of the sample being read directly on the calibrated burette on the basis of total weight of iron of the sample used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :26/10/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD FOR SUPPRESSING AIR CORE IN HYDROCYLONES AND DENSE MEDIUM CYCLONES.

(51) International classification

:B01D17/02

(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 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)R. SRIPRIYA

2)S. CHAKRABORTY

3)B. MEIKAP

(57) Abstract :

There is provided a method for suppressing air core in a cyclone and performing a particle separation test in a cyclone having a suppressed air core. The method comprising: • connecting a cyclone to a water /slurry inlet through which water /slurry is introduced into the cyclone at the desired flow rate, the flow rate being measured by adapting a rotameter, • pumping the slurry/water from a slurry tank having provisions for bypass, • providing control valves at the overflow and the underflow outlets of the cyclone to vary the flow rates, • providing pressure tapping at the inlet, overflow and underflow, • connecting the pressure tapping to a series of manometers which can measure the pressure drop across the cyclone, • setting the inlet flow rate to the desired value, and varying the underflow/overflow rate in a such a way so as to get a good air core, • measuring the inlet and the underflow rate, • stopping the flow to the cyclone, • making an insertion in the centre/bottom of the cyclone body for inserting a rod,

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1158/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :01/11/2006

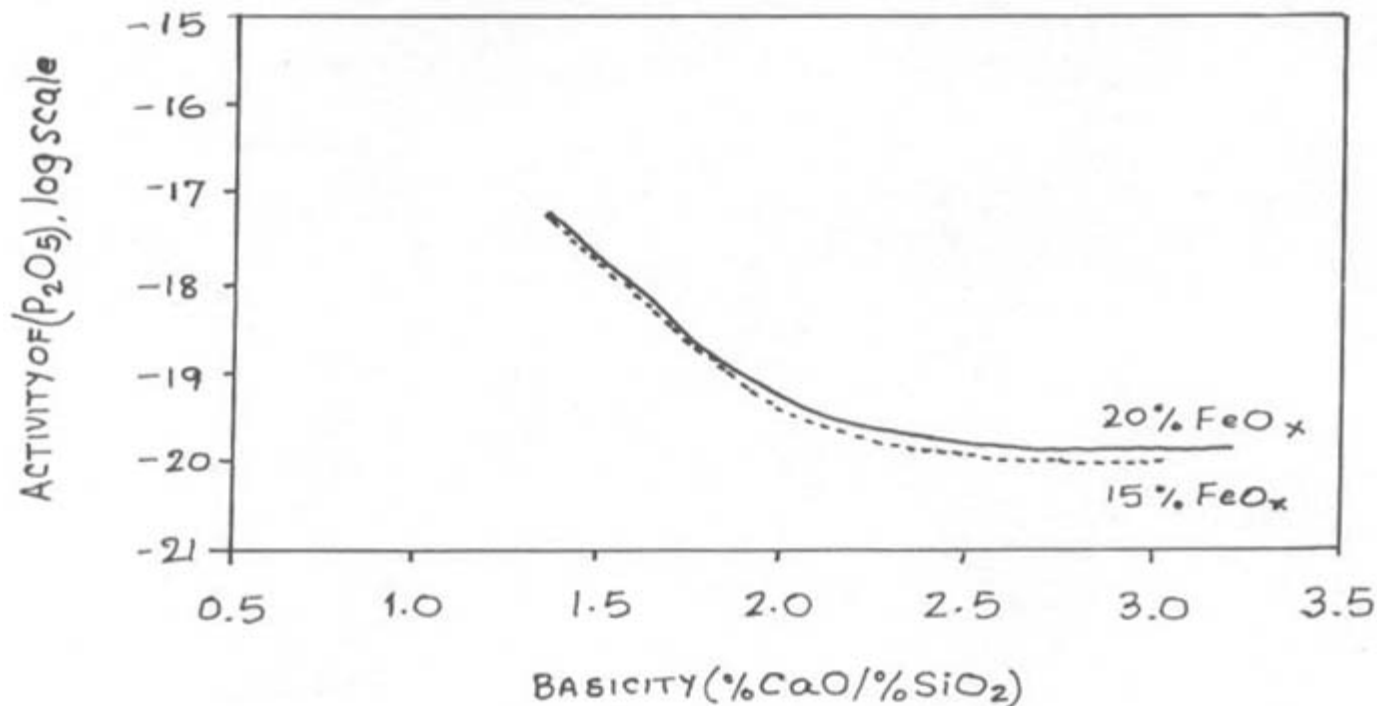
(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD OF PRODUCING LOW PHOSPHORUS STEEL CONTAINING BELOW 0.010% PHOSPHORUS FROM HIGH PHOSPHORUS LIQUID STEEL IN BASIC OXYGEN STEELMAKING.

(51) International classification	:C21C5/28	(71)Name of Applicant :	1)TATA STEEL LIMITED
(31) Priority Document No	:NA		Address of Applicant :Jamsedpur 831001, India Jharkhand India
(32) Priority Date	:NA	(72)Name of Inventor :	1)MR.Somnath Basu
(33) Name of priority country	:NA		2)MR .Ashok Kumar lahiri
(86) International Application No	:NA		3)MR. Seshadri Seetharaman
Filing Date	:NA		
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

This invention relates to a method of producing low phosphorus steel containing below 0.010% phosphorus from high phosphorus hot metal charged in a single slag basic oxygen furnace comprising the steps of maintaining a low slag basicity in liquid steel in the range of 2.5 to 2.7 at 1600Å°C to 1650Å°C with FeO% in the slag in the range of 10 to 30% mass through additions of measured quantities of calcined lime in pulverized and/or briquetted forms, continuously or in batches upto the completion of melting, maintaining equilibrium phosphorus partition ratio in the range of 280-340 and lower P2O5 activity in the slag in the range of -20.2 to -19.6 in log scale which ensures complete phosphorus removal in the slag upto 99.99% and also prevent any MgO dissolution from the refractory lining in the slag.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1192/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :07/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A TOOL USED FOR SAFE AND EFFICIENT HANDLING OF SAMPLES DURING POLISHING

(51) International classification	:B24B23/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001, INDIA Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)K.N. UDPA
(87) International Publication No	: NA	2)SUNIL KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tool used for safe and efficient handling and polishing of small samples/articles during operation consists of a hollow cylindrical metal body having two ends (1,2), a cut (5) is made on the back side of the tool and another cut (4) is made on the front side in between the two ends (1,2) of the tool.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1197/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :09/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS OF PRODUCING ULTRA THIN LIGHT WEIGHT STEEL WITH HIGH INTENSITY Y FIBER FOR COMPLICATED AND SOPHISTICATED PACKING APPLICATION AND STEEL SHEET PRODUCED BY THE PROCESS

(51) International classification	:B21B3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :Jamshedpur 831001, Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAJIB SAHA
Filing Date	:NA	2)DEBASHISH BHATTACHARJEE
(87) International Publication No	: NA	3)R.K. ROY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

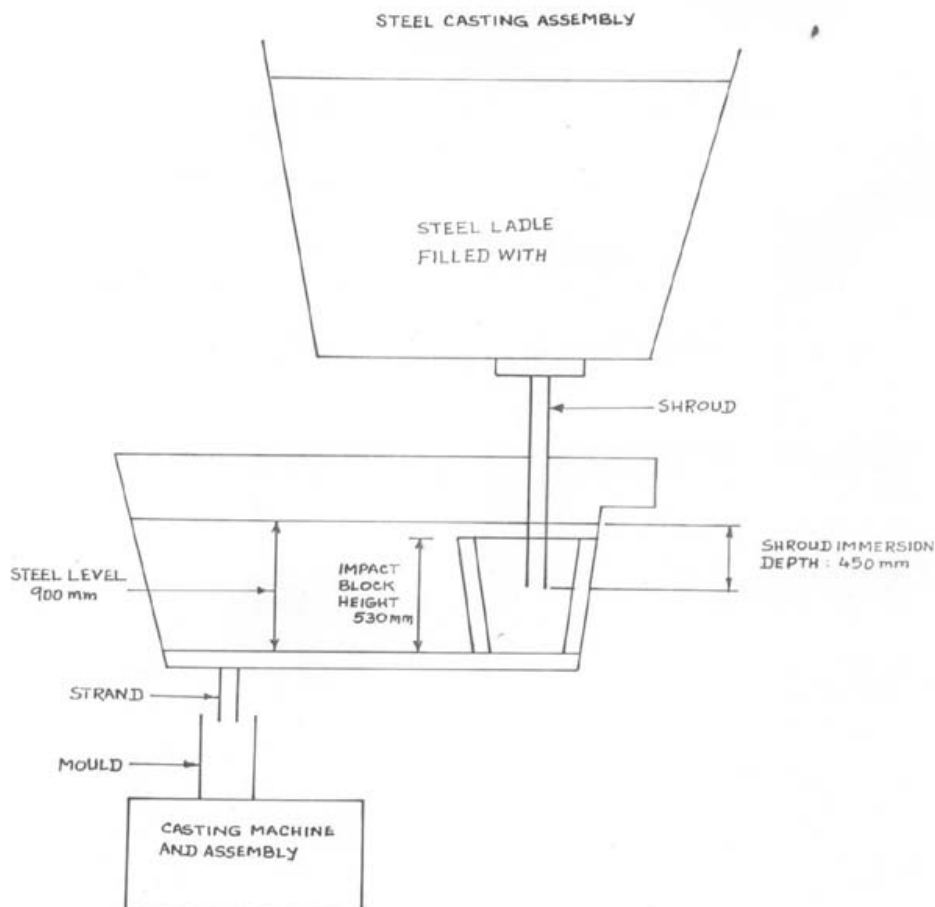
The present invention claims that a heavy amount (40-85%) of second cold rolling and a second annealing treatment can be applied to an initially cold rolled and annealed Ti + Nb-IF steel sheet to produce improved Y fibre texture in a ultra thin IF sheet steel. This is expected to reduce the weight and increase the formability of the material.

(54) Title of the invention : AN IMPROVED SHROUD-IMPACT BLOCK ASSEMBLY FOR A MULTIPLE STRAND CONTINUOUS BILLET CASTER CURVE WALLED TUNDISH AT THE SPOUT SIDE

(51) International classification	:B22D11/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831 001 Jharkhand India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Ranjan Pal, Atanu
Filing Date	:NA	2)Krishna, N.V.S.
(87) International Publication No	: NA	3)Kumar Dash, Sukanta
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved shroud - impact block assembly for a multiple strand continuous billet caster curve walled tundish at the spout side to continuously cast billets by developing impact block and shroud of various combinations of geometrical configurations to operate with minimum impact of tundish lining, impact block and shroud from turbulence while liquid metal powering in the tundish through shroud comprising controlling of turbulence of liquid metal by maintaining minimum shear stress on various parts of turbo stop, shroud and tundish wall wherein the impact block of any geometrical shape is constructed with a height of 330 to 530 mm and shroud immersion depth of 400 to 450 mm.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1222/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :15/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A-F BLAST FURNACE SKIP HOIST BREAK

(51) International classification	:B66B9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001 INDIA Jharkhand India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)S.DUTTA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The improve skip hoist brake construction comprising a metallic plate of one side is machined and a made a groove of 5-10 mm thick. A non-ferrous metal plate of 5-10 mm is made suitable to match with groove of metallic plate by plurality of screws. A non-ferrous metallic sheet of 1.0-2.0 mm thickness is folded round and the folded non-ferrous metallic sheet collar is joined on the non-ferrous metallic plate with the help of silver brazing rod containing 25%-30% silver content. A Rectangular copper conductor is wound on the bobbin on which entitle coil is fitted on the frame of the brake and fastened it rigidly by plurality, of studs. The gap between bobbin and the frame is filled with RTV-II silicon rubber compound and made it 100% rigid. At least two nos, round silicon flexible leads of size 10-20 sq. mm is joined parallelly from the end connection of the winding and brought it outside and terminated at two side of the frame just 180 degree apart from each other so that it can be operated either of side ie left or right as per the requirement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1268/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :23/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : BRAKE SYSTEM FOR WD56 LOCOMOTIVE

(51) International classification	:B61H13/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LTD.,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001, INDIA Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)A.K.ROY
(87) International Publication No	: NA	2)S.K.SETH
(61) Patent of Addition to Application Number	:NA	3)R.N.MAHTO
Filing Date	:NA	4)ANIL KR SINGH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention, an improved device for brake adjuster is constituted of two solid steel yoke bridged by a turn buckle in between them. Each steel yoke having a plurality of holes at both end and a inside threaded hole at the other end through which screw of turn buckle can move in forward and backward direction. The turn buckle is provided with two adjustable checknut at both sides and a fix nut at the centre. Screw is to be rotated clockwise or anti-clockwise and accordingly, adjustable device will be shortened and extended. The first end of the device is attached with Brake hanger connected with the Brake cylinder by means of a steel pin through the hole. The second end of the device is fastened with the brake shoe through brake hanger by means of steel pin through the hole. The connector of the brake cylinder push the improved device forward direction which in turn hinder the rotation of wheel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1290/KOL/2006 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : POSITIVE LOCKING ARRANGEMENT OF GATE VALVES

(51) International classification	:F16K35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001,INDIA Jharkhand India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)A.K.CHOUDHURY
Filing Date	:NA	2)CHANDAN PAUL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved locking device for gate valve comprising three parts. A first part is an oblique 'L' shaped bar member having two ring frames at both end, a second part is a cylindrical pin having a larger diameter flange at first end and a through and through hole at the second end, a third part is a lock pad, the diameter of the latch of the lock pad is such, that it can pass through the hole of the second part. First of ail the first member is Inserted into a spoke of the driving wheel of a gate valve such that two parallel arms passes through the spoke and side structure of gate valve body and the end face of parallel arm touches the spoke of the driving wheel. A locking pin with a hole is Inserted to a first ring frame of one of the parallel arms and passes pin through second ring frame of the other parallel arm. At the end, a latch of locking pad is inserted into the hole of the locking pin and allow to pass through the other end and locked by means of a key.

(54) Title of the invention : A PROCESS OF BENEFICIATION OF IRON AND IRON ORE LIKE MATERIALS BY TREATING THEIR SLURRIES WITH HIGH FREQUENCY ULTRASOUND

(51) International classification	:B03D1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LTD.,
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831 001,INDIA Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR MANISH RAJ
(87) International Publication No	:NA	2)MS.R.SRIPRIYA
(61) Patent of Addition to Application Number	:NA	3)MR.J.C.PANDEY
Filing Date	:NA	4)DR.NIKHILESH BANDYOPADHYAY
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process of beneficiation of iron ore and iron ore materials by treating their slurries with ultrasonic pulses to reduce impurities alumina (Al₂O₃), silica (SiO₂), phosphors, gangue materials including air bubbles, gels, slimes or algae associated with the ores comprising the steps of: crushing iron ores in size of +2 mm to -12 mm, combining the iron ore with water to form a slurry and maintaining the said slurry below 73Â°C while passing the said slurry through a conduit adapted horizontally or vertically or both, applying ultrasonic pulses to the said slurry in the order of 20 kHz to 200 kHz which breaks the physical bonds of the said impurities in the ore materials by pressure of the impulses of the applied ultrasound, physically separating the said isolated impurities from the ore materials by using devices such as cyclone separators, spiral separators, vibrating screens or centrifuge separators and recovering upgraded ores with reduced impurities.

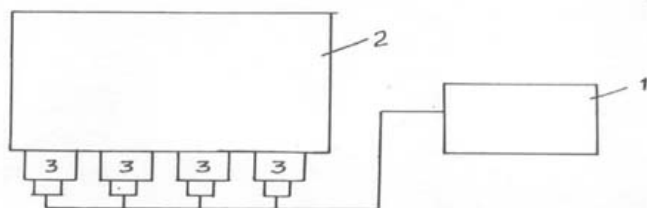
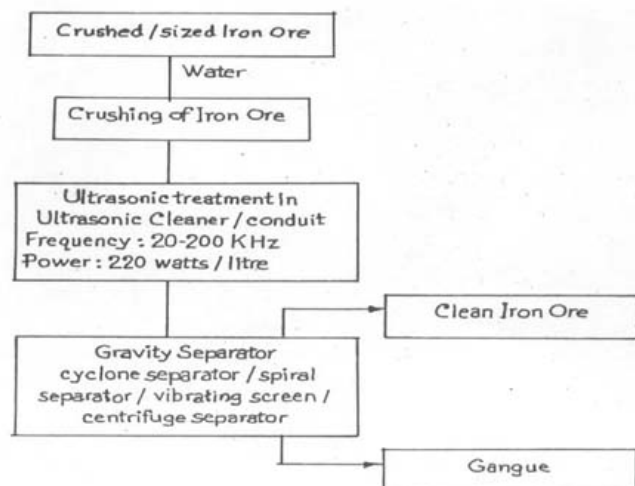


Fig. 1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1315/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :07/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : IMPROVED FIXTURE DEVICE TO HOLD PINION JOB ON DRASTIC REDUCTION OF ITS SET-UP TIME AND A PROCESS OF PREPARING THE SAME

(51) International classification

:F16H57/00

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

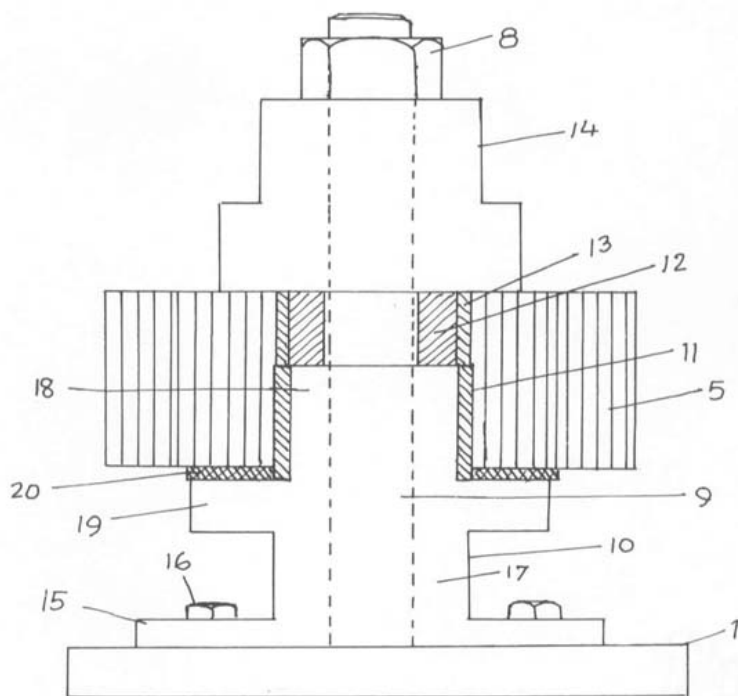
Address of Applicant :Research and Developement and Scientific Services Division,JAMSHEDPUR-831001 INDIA Jharkhand India

(72)Name of Inventor :

1)Choudhary A.K.

(57) Abstract :

This invention relates to an improved fixture device to hold a pinion job for enhanced production of pinion on drastic reduction of set up time of the fixture elements; and a process of preparing the same. The present invention generates form inventive ingenuity of reducing setting time of fixture device of the pinion job with basic aim for undisturbed cutting operation of gear teeth of pinion once the pinion job is fixed on the fixture device. For the same purpose the present fixture device is developed to fix the job on the fixture with inventive features of protecting the job at both of its upper and lower half from any sort of tilting both radially and vertically with the help of a mandrel fixture (10, 1, 15, 17, 18, 12), upper fixture (11, 12, 13) and packing block (14) and by reducing the weight of the job by drilling higher diameter at its centre to enable deeper cut of gear teeth than that of the existing art and without any stoppage to be required for resetting of the fixture device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1323/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :08/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PNEUMATIC LOCKING DEVICE OF DALLAH FLAP IN DUMPERS.

(51) International classification

:B60P1/04

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

Address of Applicant :Jamshedpur 831001 Jharkhand India

(72)Name of Inventor :

1)T.ROY CHOUDHURY

2)S.KR.MOHANTY

(57) Abstract :

Pneumatic flap locking device comprising of a combination of pneumatic system and a mechanical means. In first phase, a pneumatic pipe line is drawn from a air tank already installed in the dumper to a control for opening and closing operation, valve disposed near the driver seat via a pressure regulator valve. From the control valve, two pneumatic air lines are drawn and connected to a pneumatic cylinder which is fixed in position under carrier body. The control valve operate the pneumatic cylinder by means of pneumatic! air pressure. The piston rod head of pneumatic cylinder is attached to a hinge of first end of a connecting member and the second end of the connecting member is attached with the central shaft disposed under the carrier body. The opening and closing of pneumatic cylinder piston rotates the central shaft in clockwise and anti-clockwise direction. In the second phase, both ends of the central shaft Is connected to a first end of a connecting member which is parallel to first connecting member of the central shaft. So when central shaft rotates, the second connecting member on both slides also rotate. The second end of the second connecting members at both sides are hinged to first end of a turn buckle the-rod at and both sides and the second end of the turn tie-rod at both sides are hinged with first end of a pull rod at both sides and the second end of pull rods are at both sides are connected to a oblique hockey stick shaped member for hooking. First end of oblique hockey stick shaped member at both sides are hinged is a side wall of the dumper and second end of the latch provided with a groove which in turn passes over an extended pin of flap door for locking.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/KOL/2006 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : RAIL LOAD LOADER.

(51) International classification	:B65G67/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :Jamshedpur 831001 Bihar India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)T.ROY CHOUDHURY
Filing Date	:NA	2)S.K.SETH
(87) International Publication No	: NA	3)RAMESH KUMAR
(61) Patent of Addition to Application Number	:NA	4)S.KR.MOHANTY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention, a rail road loader comprising of wheel loader capable of moving both on rail and road and provided with an arm attached pusher / loader gadget which perform to push / pick up unwanted materials lying in road or track. One wheel set comprising of two small wheels connected by a central shaft and steel structure part and capable of rolling on the railway track is mounted with main body structure of pay-loader by means of two hydraulic cylinder disposed one at left side hinge and one at right side hinge of the central structural part of the front wheel. The front wheel set have a provision to lift up from the track by operating the hydraulic cylinder and can be placed on the railway Track when required by releasing the hydraulic cylinder pressure . Two hydraulic cylinders are connected to the main hydraulic line of the pay loader by means of a pair of steel impregnated nylon pipes and operatable from the driver cabin. The placement of front steel wheel on railway tract lift the front wheel of the pay-loader from ground level.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ARTICULATING OPERATOR'S CABIN

(51) International classification	:B62D33/063
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :KANSBAHAL WORKS, DIST.
SUNDARGARH-700 034 Orissa India
(72)**Name of Inventor :**
1)NAG, Uday Kumar

(57) Abstract :

The present invention relates to an articulating cabin assembly for use in mobile and static surface equipment. The assembly comprises console arrangement (15) comprising plural sections adapted to locate control means for operative functions of machine/equipment, seating means (16) located rotatably and/pivotally on a supporting element (17, 20) operatively joining said console (15) and seating means (16). Supporting element (17, 20) is rotatably located to perform suitable angular deviation about an appropriate vertical axis in the cabin. Cabin is fixed to said equipment adopting swiveling mechanism which provides appropriate and desirable angular disposition of the cabin about a predetermined machine/equipment axis thereby providing operators with best possible viewing of operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1412/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : INTRODUCTION OF POWER BRAKE SYSTEM IN TRACTOR-TRAILER

(51) International classification	:B60T13/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR 831001 Jharkhand India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)S.BHATTACHARJEE
Filing Date	:NA	2)RAMESH KUMAR
(87) International Publication No	: NA	3)P K MOHANTY
(61) Patent of Addition to Application Number	:NA	4)SHIOJEE SAH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention emphasized on an installation of braking device arrangement in the trailer Truck with a synchronization of Tractor brake. The new braking device comprising of installation of new compression with accessories in the tractor and a pneumatic brake attachment with a master cylinder with a provision of a brake fluid container and an additional air tank is provided with the tractor to cater air to air tank of the trailer truck via a flexible air pipe. The trailer equipped with a pneumatic braking device which is controlled by a hand lever by the driver via a control brake - valve of the tractor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.553/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :05/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : EFFECT OF SURFACE MODIFICATION AND HYBRIDIZATION IN ENHANCING THE THERMAL PERFORMANCE OF PINEAPPLE LEAF FIBER(PALF)/GLASS REINFORCED POLYPROPYLENE(PP) COMPOSITES

(51) International classification	:G01K15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SANJAY KUMAR NAYAK
(32) Priority Date	:NA	Address of Applicant :CIPET, B/25, CNI COMPLEX, PATIA,
(33) Name of priority country	:NA	BHUBANESWAR-751024 Orissa India
(86) International Application No	:NA	2) DR. SMITA MOHANTY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. SANJOY KUMAR NAYAK
(61) Patent of Addition to Application Number	:NA	2)DR. SMITA MOHANTY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Effect of Surface Modification and Hybridization in Enhancing the Thermal Performance of Pineapple Leaf Fiber (PALF)/ Glass Reinforced Polypropylene(PP) Composites Pineapple Leaf fibers (PALF) reinforced Polypropylene (PP) composites and PALF/Glass fiber reinforced PP hybrid composites were fabricated using melt blending followed by injection moulding. Maleated Polyolefin (MAPP) was used as a coupling agent to improve the adhesion between the hydrophilic fibers and hydrophobic PP matrix. Incorporation of upto 20 weight % of glass fibers into PALF-PP composites at 20 weight % of PALF and 2 weight % of MAPP, the thermal performance in the composites increased substantially, compared to those of PALF-PP composites. The melting and crystallization temperature increased in case of PALF/Glass fiber PP hybrid composites with MAPP as compared with PALF-PP composites as well as virgin PP. A similar increase in the thermal stability in these composites was also observed from TGA thermograms. Dynamic mechanical analysis also showed that PALF /glass fiber hybrid composites at PALF/glass ratio of 20:20 and 2 weight % MAPP exhibited higher storage modulus over the entire range of temperature from -150 to 150 Degree.C. This indicates improved mechanical properties at higher temperatures thus allowing higher service temperature in the composites. The hybrid composite also exhibited higher glass transition as compared with virgin PP and PALF fiber PP composites with and without MAPP. Flammability study indicated a lower rate of burning and higher oxygen index in PALF/glass ratio of 20:20 and 2 weight % MAPP in presence of magnesium hydroxide flame retardant. Thus it is concluded that the thermal performance of PALF fiber reinforced PP composites can be enhanced by hybridization with the addition of glass fibers for use in high performance engineering applications in particular automotive applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.588/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :16/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS OF TAPPING, KINETIC AND POTENTIAL ENERGY OF THE WAVES AND GENERATION OF ELECTRICITY.

(51) International classification	:F03B13/00	(71) Name of Applicant : 1)JAIDEB BAKSHI Address of Applicant :C/O MR. T.K.BISWAS FLAT NO.8, BLOCK 8, CLUSTER-VIII PURBANCHAL, KOLKATA-97. PERMANENT ADD: R-65, M.P.NAGAR, ZONE-2 (RESIDENTAL) BHOPAL. West Bengal India
(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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAIDEB BAKSHI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accordingly the invention provides a process of tapping the energy of the waves hitting the shores or artificial platforms/natural platforms. This process uses the kinetic and potential energy of the waves to generate electricity. The to and fro movement of the waves is used in this process to generate electricity. The gravity and the gradient of the basin is also used to make a part of the movement and generate electricity . The to and fro movement of wave having kinetic and potential energy is utilized in making to and fro movement (linear motion) in a magnetic field in the apparatus/machine(electro mechanical device) resulting in development of electricity. These apparatus in stand alone or in series /group together will be producing electricity. Here the oscillating or the to and fro movement and the kinetic and the potential energy of the waves is used as a source. The energy of the waves are tapped in a unique way (explained below with figures).The electrical energy is created by the oscillating two and fro movement of a magnetic plunger. Here two apparatus which can be used are shown below and in both of them the energy of the waves touching the shore has been tapped in same way but with some modifications. Both of them creates a linear motion in the magnetic field in the energy conversion unit, which are actually initiated by the to and fro movement of the waves and also by the gravity and the gradient of basin or by being spring loaded In this figure of the apparatus there is a plate which is exposed to the waves , this plate is capable of making to and fro movement. The plate is connected to a plunger or magnetic shaft through a link or connecting rod. The coils are there around the plunger which will develop current if there is disturbance in the flux. At the end there is a spring which has tendency to bring the plunger to a particular location. There is artificial construction which divides the plate and the energy conversion unit and through this only the connecting rod or the link can move. The drawing of the apparatus / machine , shows the wave will be hitting the plates , this will create a linear movement in the plates, is , the plates will move towards the shore or platform , since this plate is attached with a rod or a link , which in turn is attached to a shaft (or a magnetic plunger), It will give a movement in the plunger or shaft. The shaft / Plunger will be a magnetic and this will cut the flux and generate current. The shaft in the end is loaded with a spring which will bring back the plate in the situation where it will again get hit by the wave to start the movement again and create linear displacement in the shaft or plunger to generate current.

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.329/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A SOLID-LIQUID SEPARATION PROCESS

(51) International classification :B01D 29/11

(31) Priority Document No :10/663,918

(32) Priority Date :16/09/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/025117

Filing Date :04/08/2004

(87) International Publication No :WO2005/0350A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BP Corporation North America Inc.

Address of Applicant :4101 Winfield Road, Warrenville, IL 60555, Not Applicable U.S.A.

(72)Name of Inventor :

1)Wilsak, Richard, A.

2)Roberts, Scott, A.

3)Comstock, Dean, B

4)Stefanski, Ronald

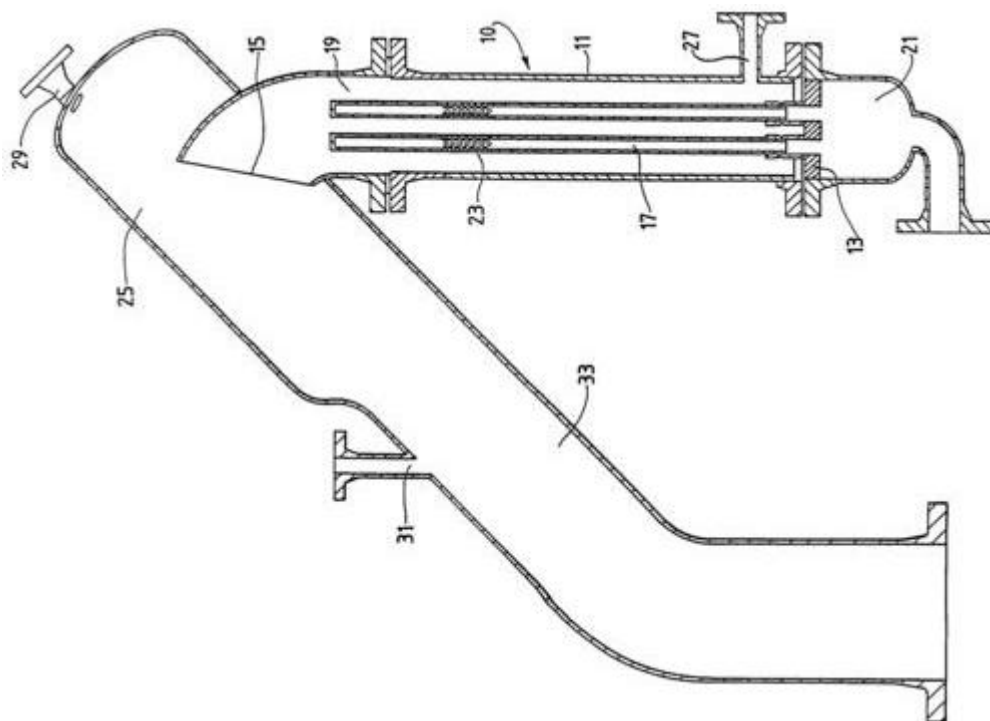
5)Huff, George A

No of Pages : 33

No of Claims : 52

(57) Abstract :

A process for separating solids from liquids in a filtration zone defined by a higher concentration zone and a lower concentration zone separated by a filter. The process includes the steps of directing a slurry feed comprising a liquid and solids into the higher concentration zone, directing a displacement fluid to the higher concentration zone and passing at least a portion of the liquid through a filter to the filtrate zone, producing a filtrate.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/04/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SERIAL CIRCUIT OF SOLAR CELLS WITH INTEGRATED SEMICONDUCTOR BODIES CORRESPONDING METHOD FOR PRODUCTION AND MODULE WITH SERIAL CONNECTION

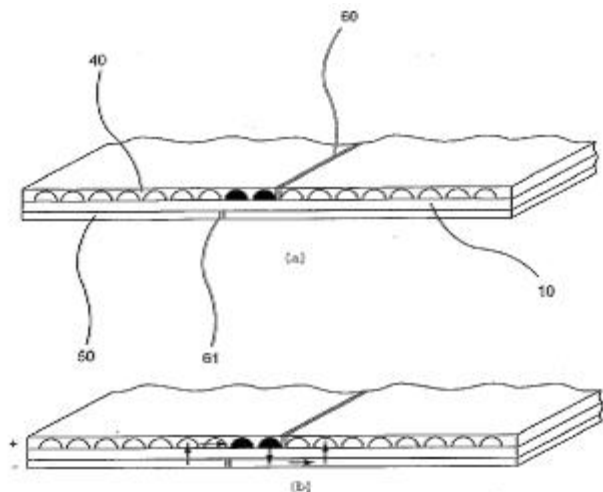
(51) International classification	:H01L31/0352 H01L31/042 H01L31/05	(71)Name of Applicant : 1)SCHEUTEN GLASGROEP Address of Applicant :Groethofstraat 21, NL-5900 AA Venlo, Not Applicable Netherlands
(31) Priority Document No	:03022098.2	(72)Name of Inventor :
(32) Priority Date	:02/10/2003	1)GEYER, Volker
(33) Name of priority country	:EUROPEAN UNION	2)KAAS, Patrick
(86) International Application No	:PCT/EP2004/010781	
Filing Date	:24/09/2004	
(87) International Publication No	:WO 2005/034170	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 39

(57) Abstract :

The invention relates to a method for production of a serial circuit of solar cells with integrated semiconductor bodies, a serial circuit produced thus and photovoltaic modules, comprising at last one serial circuit. The invention is characterized in that conducting bodies (20) and semiconducting bodies (30) are applied to an insulating support layer, according to a pattern, whereby said pattern provides at least one dividing line (21) of conducting bodies. The regions adjacent to the conducting bodies are provided with semiconducting bodies (30). Parts of the semiconductor bodies are removed and the support layer coated on the side with a back contact layer (50). The back contact layer of semiconducting body is thus exposed, for example, and brought into contact with the back contact layer (50) of the solar cell. The other side of the support layer (10) is provided with a front contact layer. By the introduction of two separating layers along a row of conducting bodies, the flow of current from the solar cells produced with the integrated semiconductor bodies can run such that the cell regions between the conducting body rows are connected in series. Individual series circuits can be connected to each other in the manner of tiles, such that each back contact is connected to a front contact.



(54) Title of the invention : COMPRESSOR

(51) International classification : F04C18/16,
F04C29/00
(31) Priority Document No :0302739
(32) Priority Date :17/10/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2004/001390
Filing Date :30/09/2004
(87) International Publication No :WO 2005/038257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Svenska Rotor Maskiner AB

Address of Applicant :of S-104 65, Stockholm, Not Applicable Sweden

(72)Name of Inventor :

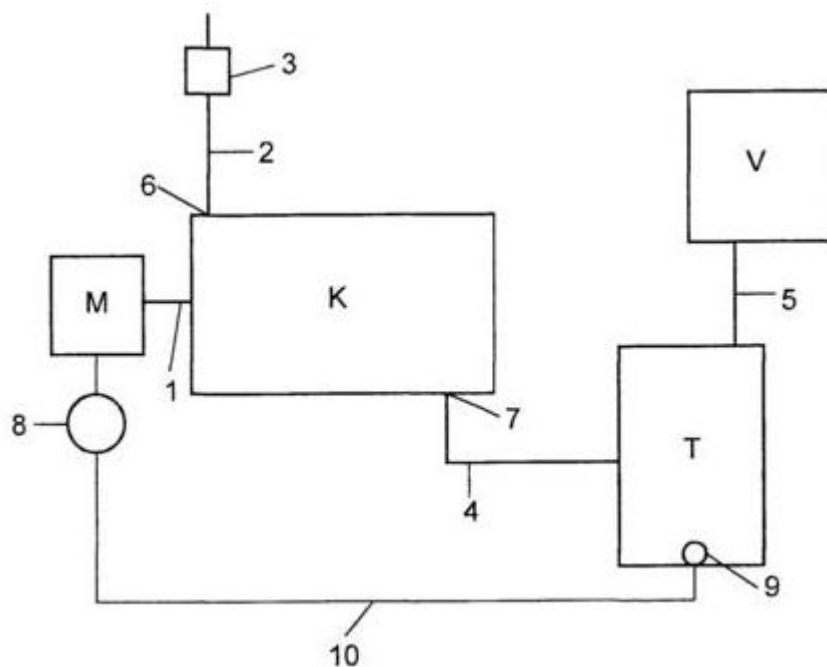
1)Sundstrom Mats**2)Ohman Henrik**

No of Pages : 11

No of Claims : 6

(57) Abstract :

A helical screw rotor compressor (K) adapted for working against a pressure container (T) whose pressure P is allowed to vary between a lowest pressure P2 and a highest pressure P1, said compressor being driven by an electric motor (M). The electric motor (M) is characterised by having in one operating range defined by the pressure interval P of said pressure container a quality such that halving of the torque of said motor will result an increase in motor speed of at least 6 percent. It is also preferred that the compressor is optimised for an internal volume factor at which the pressure of the compressor will be lower than $P_2 + 0.85 * (P_1 - P_2)$ at the opening instance.



(54) Title of the invention : SYSTEMS AND METHODS FOR MULTIPLEXING CONTROL DATA FOR MULTIPLE DATA CHANNELS ONTO A SINGLE CONTROL CHANNEL'

(51) International classification :H04Q7/38
 (31) Priority Document No :60/508,537
 (32) Priority Date :02/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/032394
 Filing Date :01/10/2004
 (87) International Publication No :WO2005/036913A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

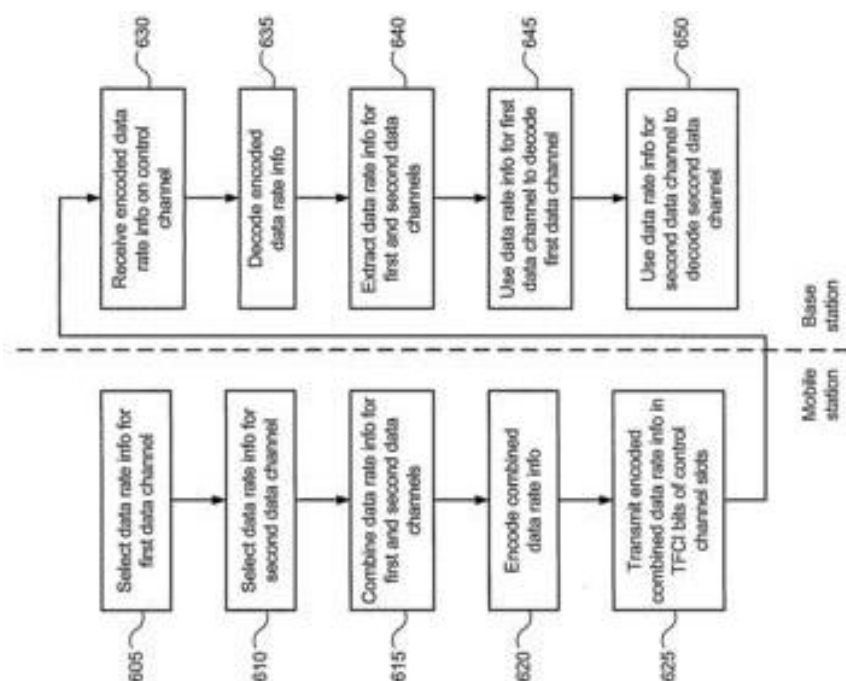
(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 Morehouse Drive , San Diego, California
 92121-1714, Not Applicable U.S.A.
 (72)Name of Inventor :
1)MALLADI, Durga Prasad
2)WILLENEGGER, SERGE D
3)ZHANG, XIAOXIN

No of Pages : 29

No of Claims : 35

(57) Abstract :

This invention relates to systems and methods for communicating control data for multiple data channels using a single control channel. In one embodiment, a method is implemented in a WCDMA communications system. This method includes combining data rate information for a first data channel and data rate information for a second data channel in a mobile station, encoding the combined data rate information and transmitting the encoded combined data rate information from the mobile station to a base station via a single control channel. This method further includes receiving the encoded combined data rate information in the base station, decoding the encoded combined data rate information to produce the combined data rate information, and extracting the data rate information for the first and second data channels and decoding the first and second data channels using this information.



(54) Title of the invention : METHOD AND SYSTEM FOR OUTER LOOP POWER CONTROL

(51) International classification	:H04B 7/005
(31) Priority Document No	:60/511,640
(32) Priority Date	:17/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/011388
Filing Date	:12/10/2004
(87) International Publication No	:WO2005/041439A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)

Address of Applicant :S-164 83 Stockholm, Not Applicable Sweden

(72)Name of Inventor :

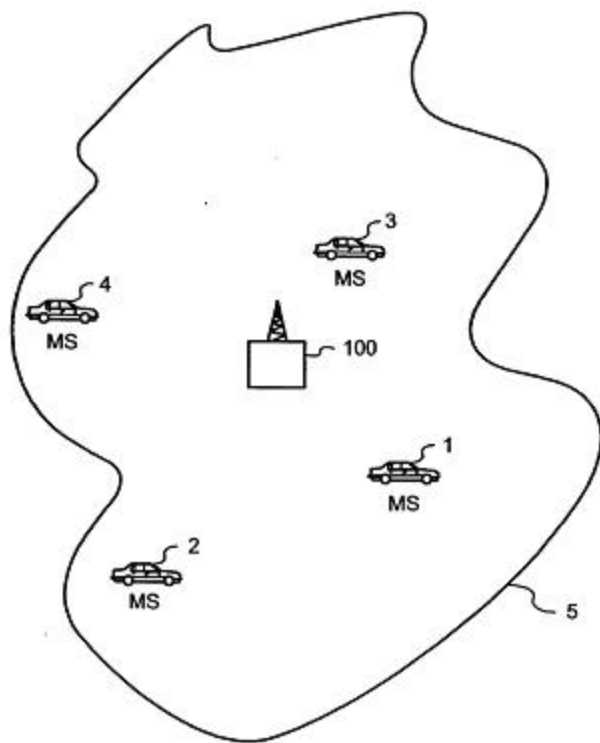
1)LINDOFF, Bengt**2)ANDERSSON, Lennart**

No of Pages : 38

No of Claims : 25

(57) Abstract :

Methods and apparatus are described for improving convergence time of a reference signal-to-interference (SIR) value calculated in outer loop power control for use in inner loop power control. Instead of considering only error rate information for each transport channel individually, other information, such as quality information from other transport channels and block rate information for the channel, is also considered to determine the reference SIR. By considering such other information, an improved outer loop power control is achieved, thus reducing the power needed for the physical channel and increasing the capacity of the communication system.



(54) Title of the invention : METHOD FOR MANUFACTURING A HIGH-FREQUENCY ASSEMBLY

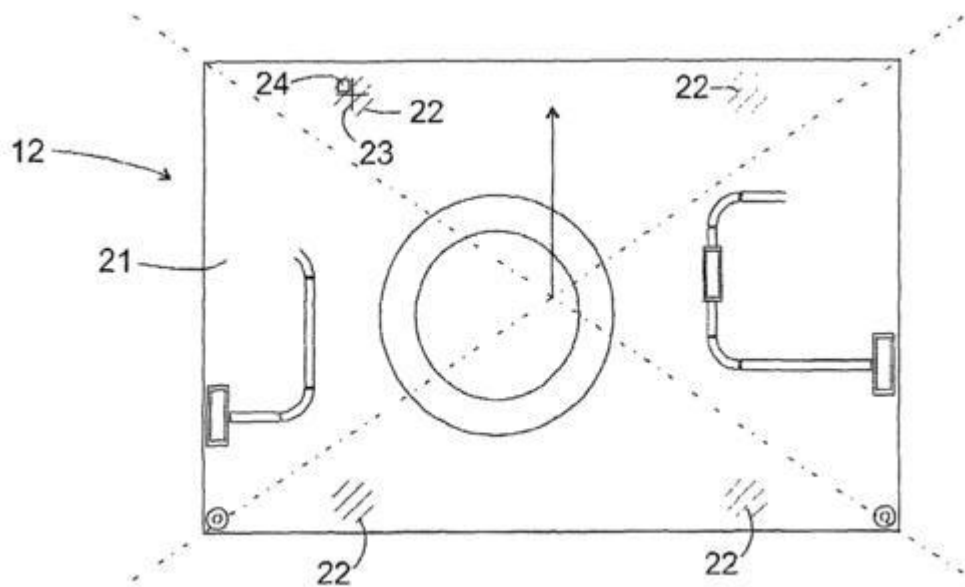
(51) International classification	:H05K13/02 H05K13/04	(71)Name of Applicant :
(31) Priority Document No	:10344409.2	1)MARCONI COMMUNICATIONS GMBH
(32) Priority Date	:25/09/2003	Address of Applicant :Gerberstrasse 33, 71520 Backnang, Not
(33) Name of priority country	:Germany	Applicable Germany
(86) International Application No	:PCT/EP2004/052116	(72)Name of Inventor :
Filing Date	:09/09/2006	1)KONRATH, Willibald
(87) International Publication No	:WO 2005/032221A3	2)SCHMELCHER Haiko
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 15

(57) Abstract :

In the manufacture of a high-frequency assembly, a plurality of components, at least one (12) of which is frequency-specific, are placed with respect to each other using a placing apparatus and are interconnected. In a specimen of the frequency-specific component (12,30) a feature (23,24) which encodes the frequency is looked for. The specimen is built in if the feature (23,24;26) is found in the specimen and is judged to be correct; otherwise the specimen is rejected.



(54) Title of the invention : LOW-POWER DIRECT DIGITAL SYNTHESIZER WITH ANALOG INTERPOLATION

(51) International classification	:G06F1/02,H03K3/017	(71)Name of Applicant :
(31) Priority Document No	:10/684,797	1)QUALCOMM INCORPORATED
(32) Priority Date	:14/10/2003	Address of Applicant :5775 Morehouse Drive, San Diego, California
(33) Name of priority country	:U.S.A.	92121-1714, Not Applicable U.S.A.
(86) International Application No	:PCT/US2004/034241	(72)Name of Inventor :
Filing Date	:14/10/2004	1)FAHIM, Amr M.
(87) International Publication No	:WO 2005/038636 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

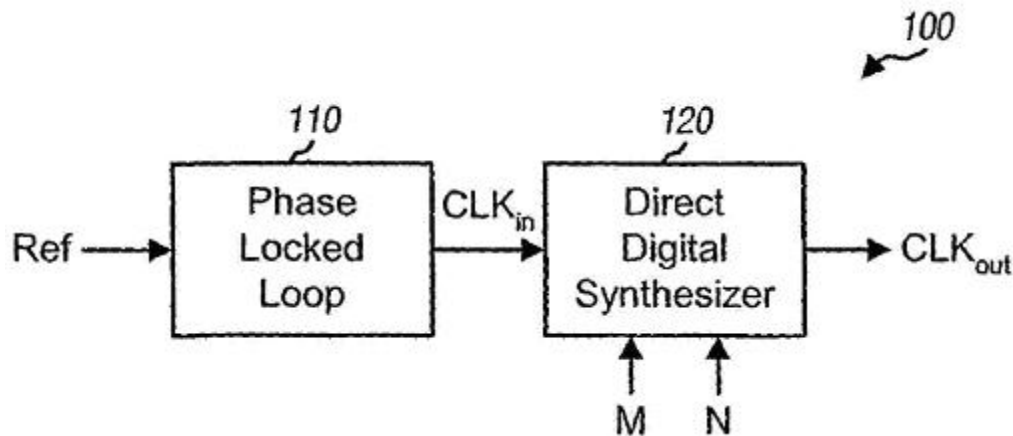
No of Pages : 37

No of Claims : 32

(57)

Abstract

An MN counter with analog interpolation (an "MNA counter") includes an MN counter, a multiplier, a delay generator, and a current generator. The MN counter receives an input clock signal and M and N values, accumulates M for each input clock cycle using a modulo-N accumulator, and provides an accumulator value and a counter signal with the desired frequency. The multiplier multiplies the accumulator value with an inverse of M and provides a L-bit control signal. The current generator implements a current locked loop that provides a reference current for the delay generator. The delay generator is implemented with a differential design, receives the counter signal and the L-bit control signal, compares a differential signal generated based on the counter and control signals, and provides the output clock signal. The leadings edges of the output clock signal have variable delay determined by the L-bit control signal and the reference current.



(54) Title of the invention : METHOD AND APPARATUS FOR DATA RATE CONTROL IN SOFT HANDOFF AND DURING CELLSWITCHING

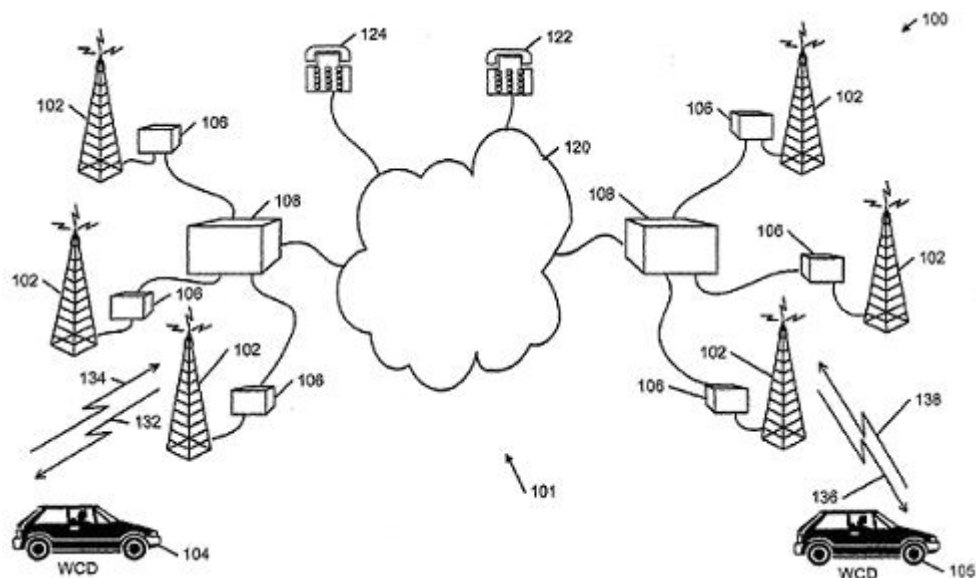
(51) International classification	:H04Q7/38,H04L1/00	(71)Name of Applicant :	1)QUALCOMM INCORPORATED
(31) Priority Document No	:60/511,254		Address of Applicant :5775 Morehouse Drive, San Diego, California
(32) Priority Date	:14/10/2003		92121-1714, Not Applicable U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	1)JAIN, Avinash
(86) International Application No	:PCT/US2004/033787		2)PUIG OSES, David
Filing Date	:13/10/2004		3)WEI, Yongbin
(87) International Publication No	:WO2005/039232A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 34

No of Claims : 36

(57) Abstract :

A method and apparatus for controlling a data rate of a transmission in a wireless communication system during handoff. Controlling the data rate includes receiving transmission from a plurality of base stations, wherein at least one of the received transmission includes an acknowledgement message. Then determining a rate control command included within transmission of the base station that includes the acknowledgement message and using the command to control the data rate. Controlling the data rate also includes receiving transmissions from a plurality of base stations. Then determining a plurality of rate control commands included within the received transmission from the plurality of base stations. The rate control commands are then combined and used to control the data rate.



(54) Title of the invention : CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification	:F16D
(31) Priority Document No	:158936
(32) Priority Date	:18/11/2003
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2004/000964
Filing Date	:24/10/2004
(87) International Publication No	:WO2005/050041A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

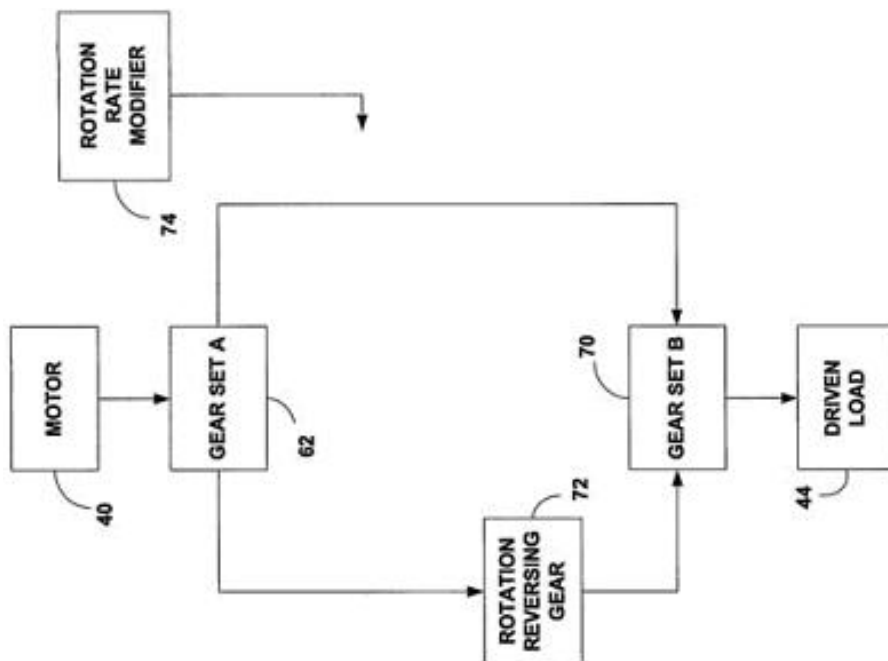
1)Ledereich, Giora

No of Pages : 32

No of Claims : 16

(57) Abstract :

A power transmission implementing continuously variable transmission using a succession of gear sets. A first constant ratio gear set (62) receives torque and rotation from a motor (40) and a second constant ratio gear set (70) provides torque and rotation to a driven device (44). These two gear - sets each employ three gear elements such that the first gear - set receives power in one shaft and provides power in two shafts. The second gear set receives power in two different shafts and provides power in one shaft. Two drive chains transmit rotation and torque from the first gear - set to the second gear - set, in between the two gear sets the rotation is reversed (72) in one driven chain. A control over the total gearing ratio of the transmission is provided by transient application of power to modify the rotation rate of one branch (74). In one embodiment fluid couplings are employed for transmission of power in each drive chain.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.00146/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :21/02/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD OF BUILDING A BELT

(51) International classification	:F16G5/00
(31) Priority Document No	:09/908,235
(32) Priority Date	:18/07/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/23097
Filing Date	:17/07/2002
(87) International Publication No	:WO03/008840A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:00030/MUMNP/2004
Filed on	:13/01/2004

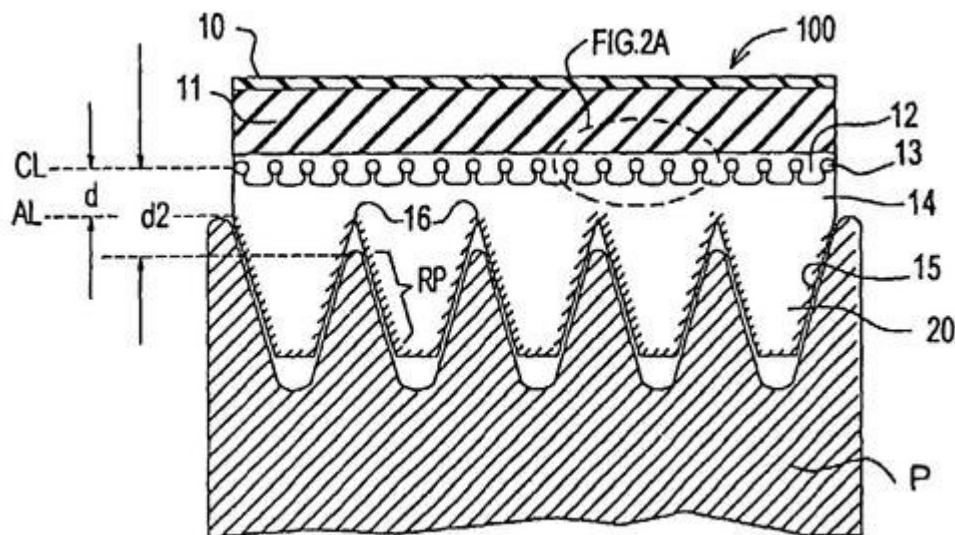
(71)Name of Applicant :
1)THE GATES CORPORATION
Address of Applicant :900 SOUTH
BROADWAY,DENVER,COLORADO 80209, U.S.A.
(72)Name of Inventor :
1)CRAIG KOPANG

No of Pages : 18

No of Claims : 9

(57) Abstract :

The invention comprises a belt having a plied construction overlying tensile cords. An elastomeric layer overlies an overcord which overlies yet another elastomeric layer which in turn overlies a tensile cord . The overcord layer supports the tensile cords during molding thereby stabilizing a cordline centerline position with respect to a rib apex. This construction significantly reduces a distance from a tensile cord centerline to a rib apex and rib/pulley interface in a multi-ribbed belt, thereby significantly increasing belt life.



(54) Title of the invention : A POWER CONTROL SYSTEM FOR MANAGING FROM A BATTERY

(51) International classification :H02J 7/00
 (31) Priority Document No :PP3392
 (32) Priority Date :09/06/1998
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU99/00469
 Filing Date :09/06/1999
 (87) International Publication No :WO99/65131 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :IN/PCT/2000/00653/MUM
 Filed on :22/11/2000

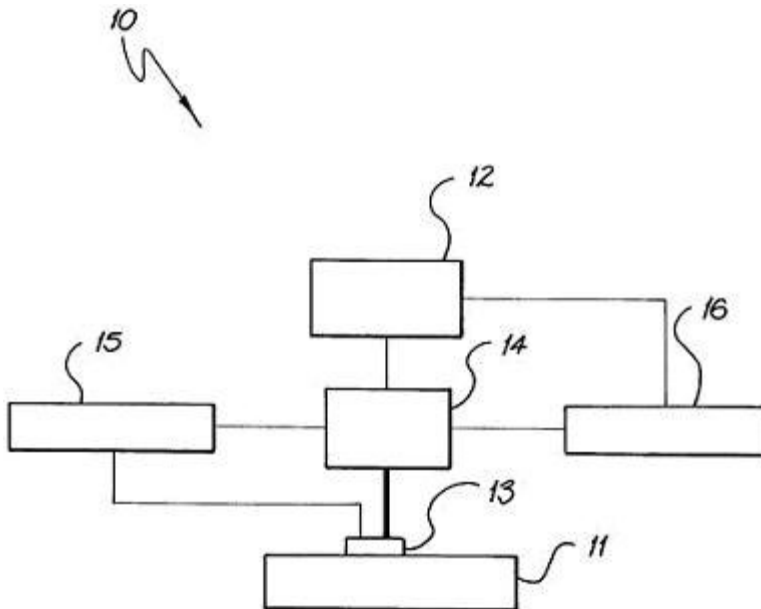
(71)**Name of Applicant :**
1)FARNOW TECHNOLOGIES PTY. LTD.
 Address of Applicant :10 FEMGREEN WAY,CASTLE HILL,NSW
 2154, Australia
 (72)**Name of Inventor :**
1)STEPHEN WAYNE HOLTOM
2)GORAN ABRAHAMSSON
3)ANNA NORLIN

No of Pages : 32

No of Claims : 18

(57) Abstract :

A power control system (10) for managing power output from a battery (11) includes an output terminal (12) for delivering power from the battery (11) to a load, control means (14) connected to the battery (11) to sense pre-selected operating parameters of the battery (11) and in a first mode of operation to provide power from the battery (11) to the output terminals (12). A first capacitor (15) which stores a predetermined quantity of power is connected between the control means (14) and the battery system (11) supplies its stored power to the battery (11) in response to a command signal from the control means (14) when the control means (14) is in a second mode of operation. A second capacitor (16) which stores a predetermined quantity of power is connected between the control means (14) and the output terminals (12) supplies its stored power to the output terminals (12) in response to a command signal from the control means (14) when the control means (14) is in its second mode of operation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.00980/MUMNP/2003 A

(19) INDIA

(22) Date of filing of Application :20/10/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEM FOR PROVIDING INTERNET SERVICES THROUGH AN ACCESS PROVIDER

(51) International classification	:H04L 29/06
(31) Priority Document No	:01201460.1
(32) Priority Date	:23/04/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP02/04518
Filing Date	:23/04/2002
(87) International Publication No	:WO 02/102016 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

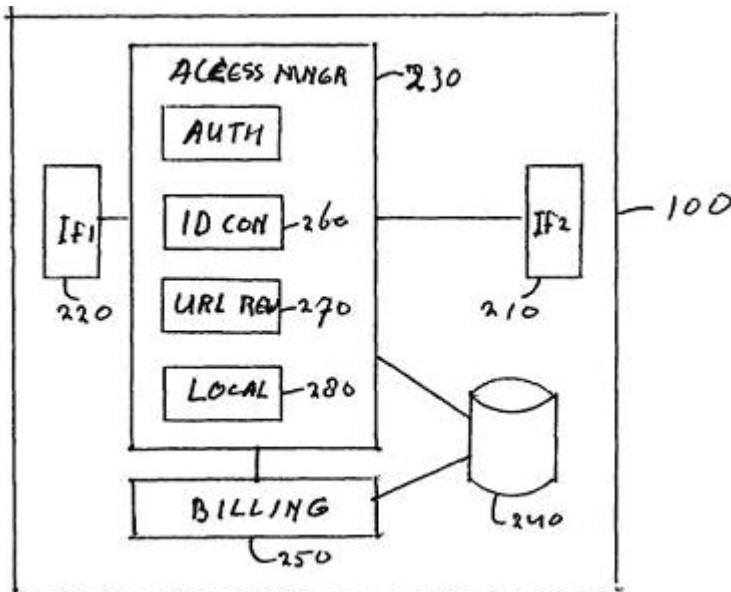
(71)**Name of Applicant :**
1)KONINKLIJKE KPN N. V.
Address of Applicant :STATIONSPELIN 7, NL-9726 AE
GRONINGEN, Netherlands
(72)**Name of Inventor :**
1)ERGEZINGER, SIEGRIED
2)KEISINGER ULF
3)THIERBACH HEIKO
4)HERZLINGER ALEXANDER

No of Pages : 48

No of Claims : 25

(57) Abstract :

A plurality of service providers (110, 120, 130) provide respective services via the Internet network (140) to user terminals (150, 160). A centralized service access provider (100) includes a communication interface (210, 220) for communicating to the service providers via the Internet and for communicating to the user terminals via a further communication system (170, 180). The user terminals request services from the service providers through the access provider. The access provider includes a service access manager (230) for verifying whether a user terminal or a user of a user terminal is authorized to request a service from a service provider and only upon positive verification enables the user terminal to access the service provider, thereby relieving the respective service providers from having to authorize the user (terminal).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.01120/MUMNP/2003 A

(19) INDIA

(22) Date of filing of Application :09/12/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : PIPERIDINE DERIVATIVES AS NMDA RECEPTOR ANTAGONISTS

(51) International classification :C07D401/12
(31) Priority Document No :P 0103055
(32) Priority Date :24/07/2001
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU02/00071
Filing Date :23/07/2002
(87) International Publication No :WO03/010159A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DOMANY GYORGY

2)HORVATH, CSILLA

3)FARKAS, SANDOR

4)BARTANE SZALAI, GIZELLA

5)NAGY, JOZSEF

6)KOLOK, SANDOR

7)KOVACSNE BOZO. EVA

8)BORZA, ISTVAN

9)VAGO, ISTVAN

10)BIELIK, ATTILA

11)IGNACZNE SZENDREI, GYORGYI

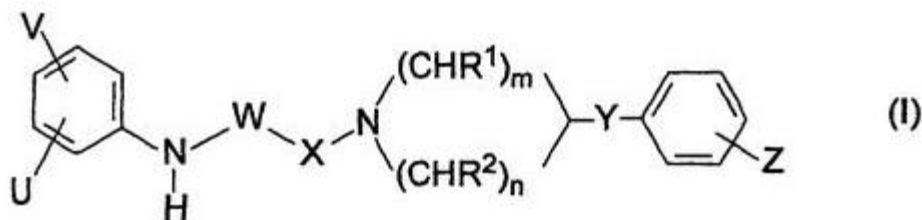
12)KESERU, GYORGY

No of Pages : 105

No of Claims : 3

(57) Abstract :

The present invention relates to new carboxylic acid amide derivatives of formula (I), wherein U, V, W, X, Y, Z, n and m are as defined as in Claim 1. A further object of the invention are the processes for producing of carboxylic acid amide compounds of formula (I), and the pharmaceutical manufacture of medicaments containing these compounds, as well as the process of treatments with these compounds, which means administering to a mammal to be treated including human - effective amount/amounts of compounds of formula (I) of the present invention as such or as medicament. The new carboxylic acid amide derivatives of formula (I) of the present invention are highly effective and selective antagonists of NMDA receptor, and moreover most of the compounds are selective antagonist of NR2B subtype of NMDA receptor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ALIPHATIC ESTER COMPOUNDS AS SLIP AGENTS IN POLYESTER POLYMERS

(51) International classification :C08K5/101
(31) Priority Document No :0404620.7
(32) Priority Date :02/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000805
Filing Date :02/03/2005
(87) International Publication No :WO2005/085340A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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DN 149AA U.K.

(72)Name of Inventor :

1)Parker David Andrew

2)Maltby Adam

3)Read Martin

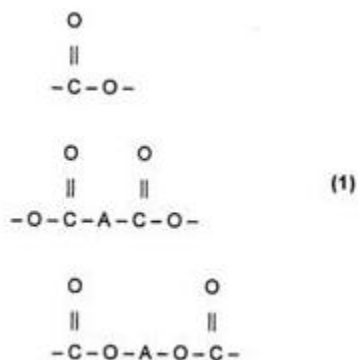
4)McCoy Philip

No of Pages : 25

No of Claims : 24

(57) Abstract :

Use of a compound of general formula (1) as a slip agent in a PET polymer, wherein: R and R^Å represent hydrocarbon moieties, each hydrocarbon moiety comprising 6 to 24 carbon atoms and wherein R and/or R^Å may be linear, branched chain, saturated or contain one or more double bonds; X represents one of the moieties (a), wherein A represents a hydrocarbon moiety comprising 2 to 36 carbon atoms and may be linear, branched chain, saturated or contain one or more double bonds.



(54) Title of the invention : DELAYED DATA TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM AFTER PHYSICAL LAYER RECONFIGURATION

(51) International classification :H04Q7/38
 (31) Priority Document No :10/776,499
 (32) Priority Date :10/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/003785
 Filing Date :03/02/2005
 (87) International Publication No :WO2005/079102A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

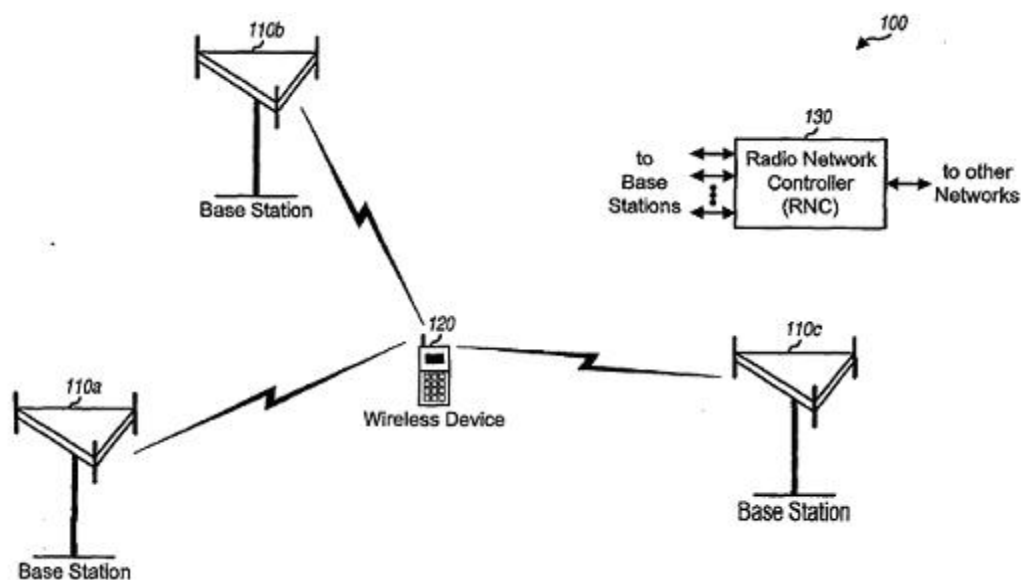
(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 Morehouse Drive, San Diego, California, 92121-1714, U.S.A.
 (72)Name of Inventor :
1)MIR, Idreas, A.

No of Pages : 37

No of Claims : 25

(57) Abstract :

For delayed transmission after reconfiguration of the physical layer, a wireless network initially sends a first message (e.g., a Reconfiguration message) to a wireless device for reconfiguration of uplink and/ or downlink physical channels. The wireless network then performs synchronization to establish the uplink physical channels, and the wireless device performs synchronization to establish the downlink physical channels. Upon completing the downlink synchronization, the wireless device sends a second message (e.g., a Reconfiguration Complete message) to the wireless network. The wireless network sends a Layer 2 acknowledgment (L2 ACK) upon successfully decoding the second message. The wireless network delays transmission of signaling/data on the downlink, except for transmission of certain messages such as those needed for reconfiguration, until successful decoding of the second message. The wireless device delays transmission of signaling/data on the uplink, again except for certain messages, until reception of the L2 ACK.



(54) Title of the invention : INTERPOLATIVE VARACTOR VOLTAGE CONTROLLED OSCILLATOR WITH CONSTANT MODULATION SENSITIVITY

(51) International classification :H03B5/12
 (31) Priority Document No :10/789,532
 (32) Priority Date :27/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006330
 Filing Date :24/02/2005
 (87) International Publication No :WO2005/086342A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

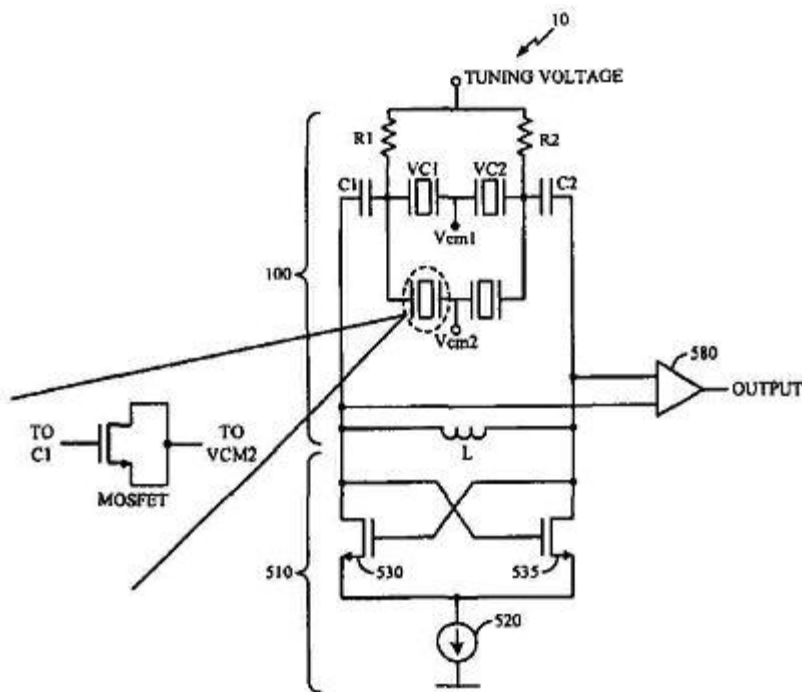
(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 Morehouse Drive,San Diego, California
 92121-1714, U.S.A.
 (72)Name of Inventor :
1)WU,Yue

No of Pages : 17

No of Claims : 17

(57) Abstract :

A tunable oscillator having a tuning voltage input includes an inductor, and first and second varactor pairs arranged with the inductor to generate a signal having a frequency responsive to a tuning voltage applied to the tuning voltage input, each of the varactor pairs having a bias voltage input that may be controlled independently of the other varactor pair. The first varactor pair may be biased such that its capacitance varies substantially linearly with the tuning voltage over a first portion of the tuning range, and the second varactor pair may be biased such that its capacitance varies substantially linearly with the tuning voltage over a second portion of the tuning range.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1055/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :09/10/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS FOR FILTERING AND SEPARATING FLOW MEDIA

(51) International classification	:B01D63/10	(71) Name of Applicant :
(31) Priority Document No	:03003815.3	1)ROCHEM AG
(32) Priority Date	:07/02/2003	Address of Applicant :RUE AGASSE 54, P.O.BOX 156, 1211
(33) Name of priority country	:EPO	GENEVA 17, Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WILHELM HEINE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 17

(57) Abstract :

In an apparatus for filtering and separating a flow medium by way of membranes disposed in a pressurized housing, which has an inlet for supplying the flow medium to the housing and outlets for discharging the retentate and the permeate from the housing, the membrane structure comprises a central permeate collection and discharge structure to which a plurality of membrane pillows are connected so as to extend therefrom in a spiral pattern and each membrane pillow is in communication and discharge structure through which permeate collection and discharge structure through which permeate is conducted out of the membrane pillow into the central permeate collection and discharge.

(54) Title of the invention : MULTI-MODE MULTI-BAND MOBILE COMMUNICATION TERMINAL AND MODE SWITCHING METHOD THEREOF

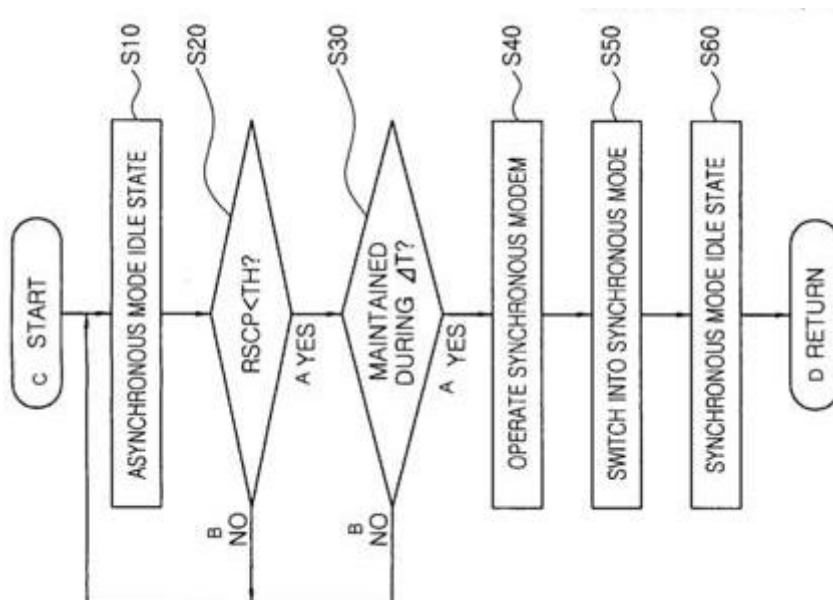
(51) International classification	:H04B7/26	(71)Name of Applicant :	
(31) Priority Document No	:10-2004-0014700	1)SK Telecom Co., Ltd	
(32) Priority Date	:04/03/2004	Address of Applicant :99,Seorin-dong,Jongno-gu,Seoul,110-110	
(33) Name of priority country	:Republic of Korea	Republic of Korea	
(86) International Application No	:PCT/KR2005/000600	(72)Name of Inventor :	
Filing Date	:04/03/2005	1)KIM,Nam-Gun	
(87) International Publication No	:WO2005/086378A1	2)KIM,Young-Lak	
(61) Patent of Addition to Application Number	:NA	3)KIM,Hyun-Wook	
Filing Date	:NA	4)HAN,Chang-Moon	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 51

No of Claims : 36

(57) Abstract :

Disclosed is a multi-mode multi-band mobile communication terminal and a mode switching method thereof wherein a mode switching can be performed between an asynchronous network and a synchronous network by minimizing interruption in communication. According to the switching method of a multi-mode multi-band mobile communication terminal, the power of a signal received from an asynchronous network or a synchronous network is measured and the measured power of the received signal drives a modem portion, thereby switching the mode of the mobile communication terminal.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SOLID LAUNDRY DETERGENTS WITH POLYANIONIC AMMONIUM SURFACTANT

(51) International classification :C11D17/06

(31) Priority Document No :10/792,426

(32) Priority Date :03/03/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2005/001172

Filing Date :03/02/2005

(87) International Publication No :WO2005/095572A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Hindustan Lever House,165-166 Backbay
Reclamation,Mumbai,400 020, Maharashtra India

(72)Name of Inventor :

1)HSU Gregory

2)SUN Guang-Lin

3)HSU Feng-Lung Gordon

No of Pages : 41

No of Claims : 8

(57) Abstract :

A solid laundry detergent composition comprising a polyanionic ammonium surfactant; a solid acid, and an ingredient selected from carbonate, bicarbonate and/or percarbonate. The inventive granules effervesce upon contact with water, facilitating dispersion/solubilization of the polyanionic ammonium surfactant in the laundry wash solution.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1076/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :08/11/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : A DUAL FLUSH VALVE FOR A FLUSHING CISTERN

(51) International classification :E03D1/30
(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 to Application Number :NA
Filing Date :NA

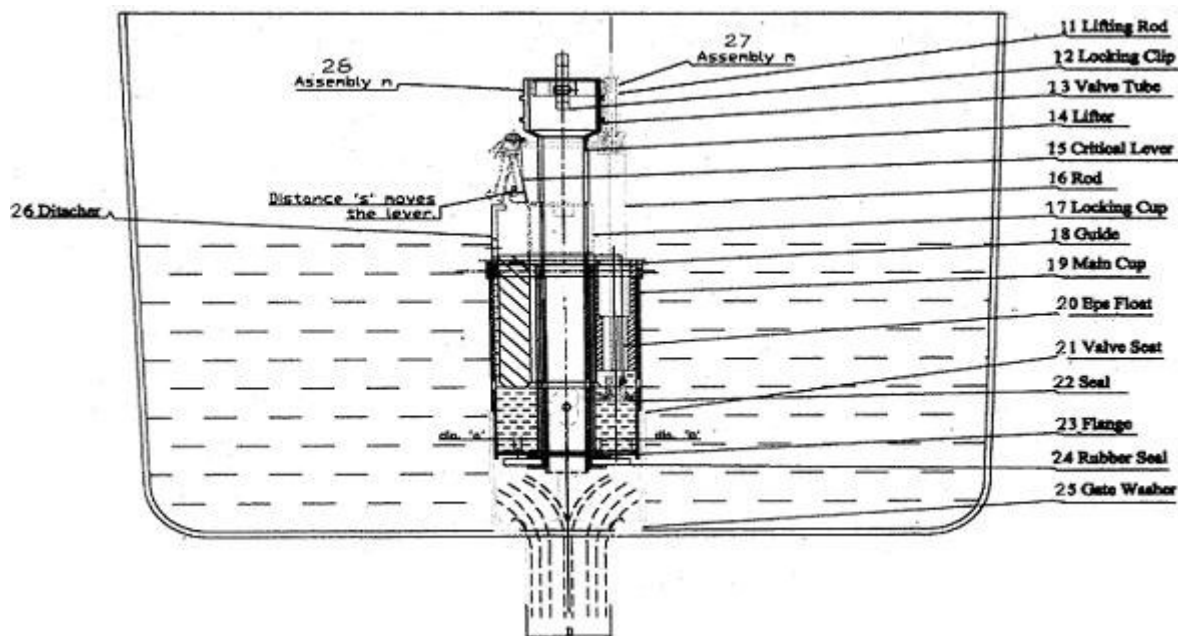
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Address of Applicant :C/O PHENOWELD POLYMER PRIVATE
LIMITED, MOHMAD ALI COMPOUND, GATE NO. 6, MALVANI
COLONY, MALAD (W),MUMBAI 400095, Maharashtra India
(72)**Name of Inventor :**
1)ADHAR S MIRCHANDANI

No of Pages : 24

No of Claims : 5

(57) Abstract :

This invention relates to a dual flush valve for flushing a cistern having a lifting rod assembly 'm' (27) comprising lifting rod (11), rod (16), lifter (14), latch and dual seal (22) and a valve tube assembly 'n' (28) comprising a latch tube (13) locking cup (3) and a rubber seal, a critical lever (15) mounted to swing between to rest on the locking cup (12) to engage the assembly 'm' (27) with assembly 'n' (28) or to rest on the face 'f' of the detacher (26) characterized in that two exit holes (a, b) are provided in the main cup (19) wherein holes (a) provide a 10 litre flush and holes (a + b) provides a 5 litre flush.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :19/11/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : HYTIP TROLLEY

(51) International classification	:B62B3/10	(71) Name of Applicant : 1)MUKESH SANGHVI Address of Applicant : "KILFIRE HOUSE" C-17 DALIA INDUSTRIAL AREA, OFF. NEW LINK ROAD, OPP. LAXMI INDL. EST., ANDHERI (W), MUMBAI-400 053, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)MUKESH SANGHVI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 4

No of Claims : 5

(57) Abstract :

The invention relates to an instrument which is a trolley which can accommodate two interchangeable buckets with toggle clamping movement capable for mechanical dumping of wastes in hygenical dumping of wastes in hygenical way.

(54) Title of the invention : PROCESS FOR THE PREPARATION OF N-(3,5-DICHLOROPYRID-4-YL)-4-DIFLUOROMETHOXY-8-METHANESULFONAMIDO-DIBENZO[B,D] FURAN-1-CARBOXAMIDE

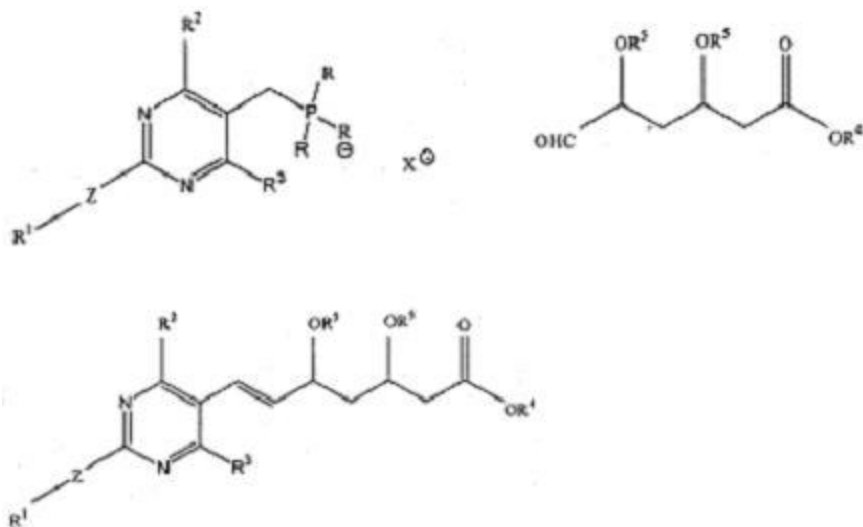
(51) International classification	:C07D519/00 A01K3/454	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GLENMARK PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22,
(33) Name of priority country	:NA	BHULABHAI DESAI ROAD, POST BOX NO. 26511, MUMBAI - 400
(86) International Application No	:NA	026, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOPALAN BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)LAXMIKANT ATMARAM GHARAT
Filing Date	:NA	3)BATCHU CHANDRASEKHAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 58

(57) Abstract :

A process for the preparation of pyrimidine derivatives comprising reacting a Wittig reagent of the general formula wherein R is an alkyl of from 1 to 10 carbon atoms, aryl or arylalkyl, R¹ is a substituted or unsubstituted hydrocarbon group, R² and R³ are the same or different and are hydrogen or a substituted or unsubstituted hydrocarbon group; Z is sulfur, oxygen, sulfonyl, or imino which may be substituted by formyl, acetyl, propionyl, butyryl, isobutyryl, valeryl, isovaleryl, amino substituted by sulfonyl or alkylsulfonyl, and sulfonyl substituted by alkyl, amino or alkylamino and X is a halogen; with an aldehyde of the general formula wherein R⁴ is hydrogen, a lower alkyl or a cation capable of forming a non-toxic pharmaceutically acceptable salt and each R⁵ are the same or different and are hydrogen or a hydrolyzable protecting group, or each R⁵, together with the oxygen atom to which each is bonded, form a hydrolyzable cyclic protecting group, or each R⁵ is bonded to the same substituent which is bonded to each oxygen atom to form a hydrolyzable protecting group; in the presence of a base to provide a pyrimidine derivative of the general formula wherein R, R¹, R², R³, R⁴, R⁵, X and Z have the aforesaid meanings or a racemic mixture, an enantiomer, a diastereoisomer or a mixture thereof.



(54) Title of the invention : DEVICE FOR APPLYING A CABLE ONTO A ROTATING SURFACE

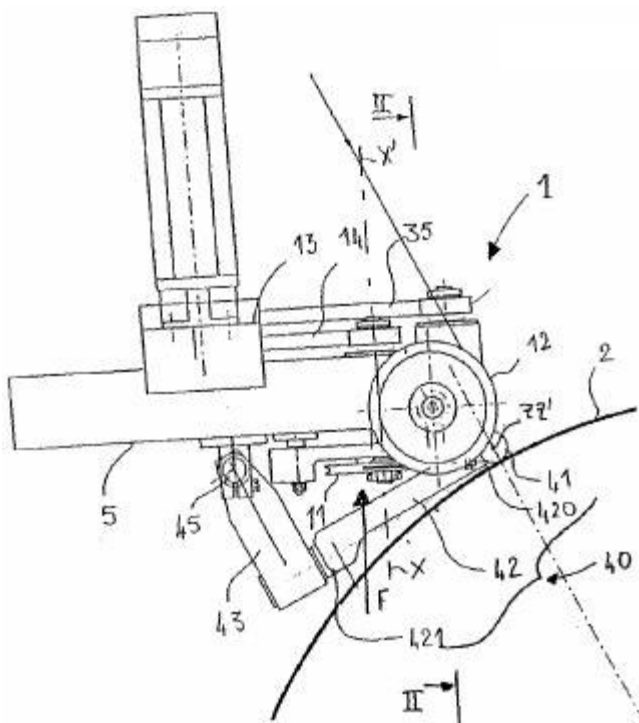
(51) International classification	:B21C 47/26	(71)Name of Applicant : 1)SOCIETE DE TECHNOLOGIE MICHELIN
(31) Priority Document No	:00/15461	Address of Applicant :23, RUE BRESCHET -63000 CLERMONT-
(32) Priority Date	:28/11/2000	FERRAND, France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	1)DANIEL MEYER
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 11

(57) Abstract :

The invention concerns a device for the application (1) of at least one cable onto a rotating receiving surface (2) having a linear surface speed V_2 , comprising means (10) for feeding the cable that comprise at least one rotating capstan (11) to feed the cable in a feed direction at a linear speed V_1 , means (20,30) to displace the cable transversely relative to the receiving surface (2) and means (40) to position the cable on said receiving surface, characterised in that the means (20,30) to displace the cable transversely effect said displacement by the combination of a rotary movement about an axis perpendicular to the cable travel direction with a pivoting movement in a plane containing the axis of said rotation, the extent of pivoting being determined by the ration between the speeds V_1 and V_2 .



(54) Title of the invention : SHOCK ABSORBDING CONSTRUCTION FOR MOTORCYCLES

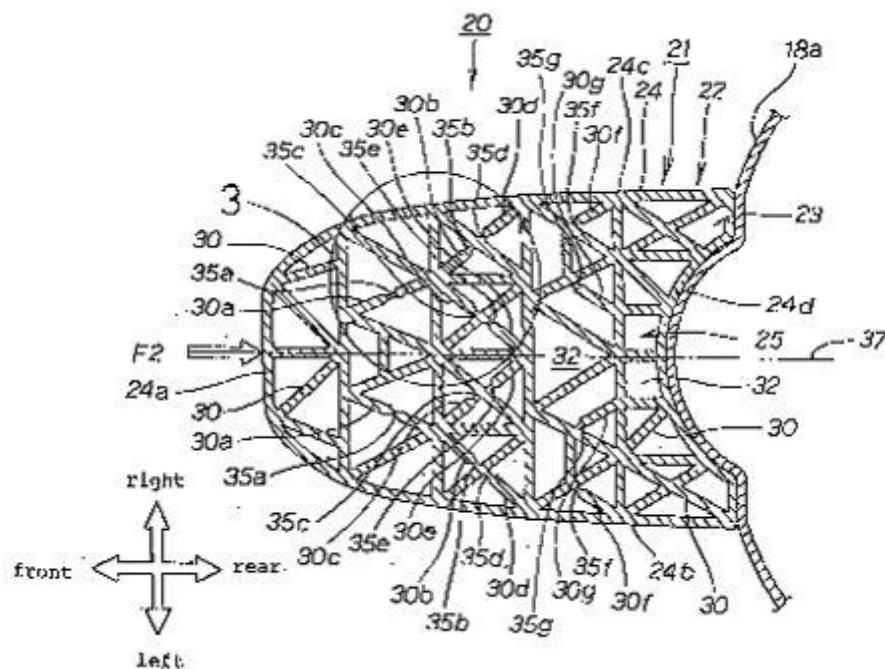
(51) International classification	:B62K11/04	(71)Name of Applicant :
(31) Priority Document No	:2000-396770	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:27/12/2000	Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAZUHIRO YAMAMOTO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 2

(57) Abstract :

A shock absorbing construction for motorcycles that has a dimensional standard suitable for practical use and can absorb the impact sufficiently, wherein a shock absorbing member 21 comprises a plurality of cavities 35... and reinforcing ribs 30... for dividing adjacent cavities 35, 35, and all or some 30a-30g of these reinforcing ribs 30... are formed with thinner portions 35a-35g respectively. A shock absorbing member 21 projecting forward from the front wheel 13 is provided so that the shock absorbing member 21 absorbs the impact by being collapsed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :28/10/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : WATER DISPERSIBLE TABLET

(51) International classification

:C07D3/00

(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 to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

1)TORRENT PHARMACEUTICALS LIMITED

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NEAR DINESH HALL, AHMEDABAD 380 009, Gujarat India

(72)**Name of Inventor :**

1)VINOD KUMAR GUPTA

2)NAVIN VAYA

3)SOUGATA PRAMANICK

No of Pages : 32

No of Claims : 27

(57) Abstract :

This invention relates to a water dispersible formulation of an active pharmaceutical ingredient or pharmaceutically acceptable salt hereof and one or more adjuvants without the use of swellable clay. More particularly, the invention comprises a dispersible formulation of anti-epileptic drug-lamotrigine. This invention further relates to a process for the preparation of said formulation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1143/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :26/10/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : OUTPUTTING APPARATUS, OUTPUTTING METHOD, RECORDING APPARATUS, RECORDING METHOD, REPRODUCTION APPARATUS, REPRODUCTION METHOD AND RECORDING MEDIUM

(51) International classification	:G11B20/10 G11B19/02 G11B19/12 G11B20/00	(71) Name of Applicant : 1)SONY CORPORATION Address of Applicant :7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, Japan
(31) Priority Document No	:P10-352497	(72) Name of Inventor :
(32) Priority Date	:11/12/1998	1)TERUHIKO KORI
(33) Name of priority country	:Japan	2)MASAYA OTSUKA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:896/BOM/96	
Filed on	:07/12/1999	

No of Pages : 152

No of Claims : 38

(57) Abstract :

Recording control with additional information superposed on data and recording control in response to a type of a recording medium on which data are recorded are disclosed. A recording apparatus for recording data onto a recording medium includes an identification data detection section for detecting identification data for identification of data from the data, a copying count data detection section for detecting copying count data for limiting the number of times of copying the data from the data, and a recording control section for controlling recording of the data onto the recording medium based on the identification data detected by the identification data detection section and the copying count data detected by the copying count data detection section. Another recording apparatus for recording data onto a recording medium includes a discrimination section for discriminating a type of the recording medium, and a control section for selecting a recording control method for recording the data onto the recording medium in response to the discrimination section and controlling recording of the data onto the recording medium in accordance with the selected recording control method.

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING HAIR LOSS AND BENIGN PROSTATIC HYPERPLASIA

(51) International classification :A61K7/06
 (31) Priority Document No :10-2004-0025869
 (32) Priority Date :14/04/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001063
 Filing Date :13/04/2005
 (87) International Publication No :WO2005/099653A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LEE, Eun-Joo

Address of Applicant :510-1302 Expo Apt, Jeonmin-Dong, Yuseong-Gu Daejeon-City 305-762, Republic of Korea

(72)Name of Inventor :

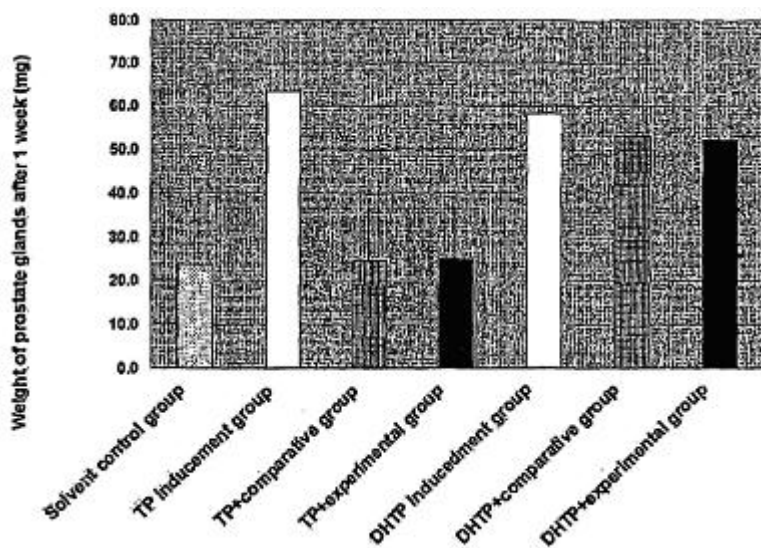
1)LEE, Eun-Joo

No of Pages : 27

No of Claims : 8

(57) Abstract :

The present invention is related to an orally administered pharmaceutical composition for the prevention of hair loss; having the effects of epilation, hair toning, and hair growth; and for the treatment of female hirsutism and benign prostatic hyperplasia. The composition of the present invention is non-steroidal and is advantageous in that it has no side effects such as lowering of sexual function, etc. shown in the conventional oral treatment agents of related diseases.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1166/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :10/12/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : THE PROCESS OF MANUFACTURING A PHARMACEUTICAL COMPOSITION USEFUL FOR MANAGEMENT OF CANCER

(51) International classification	:A61K39/04
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BAKULESH MAFATLAL KHAMAR

No of Pages : 23

No of Claims : 21

(57) Abstract :

Present invention relates to the process of manufacturing a pharmaceutical composition useful for management of cancer. According to present invention, a pharmaceutical composition made from 'Mycobacterium w' (Mw) is found to be useful in the management of cancer. We have now found that the same therapeutic agent is useful in management of cancer. The use of Mycobacterium w containing formulations is associated with decrease in burden of cancer tissue, decreasing symptoms associated with cancer and improving quality of life. It also improves tolerance to other therapies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1238/MUMNP/2006 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : POTENTIOMETRIC ELECTRODE, GRADIENT POLYMER, USES AND METHOD OF PREPARATION THEREFOR

(51) International classification	:G01N27/333
(31) Priority Document No	:PCT/EP2004/004431
(32) Priority Date	:27/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/004501
Filing Date	:27/04/2005
(87) International Publication No	:WO 2005/103664
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)NAGELS, Luc

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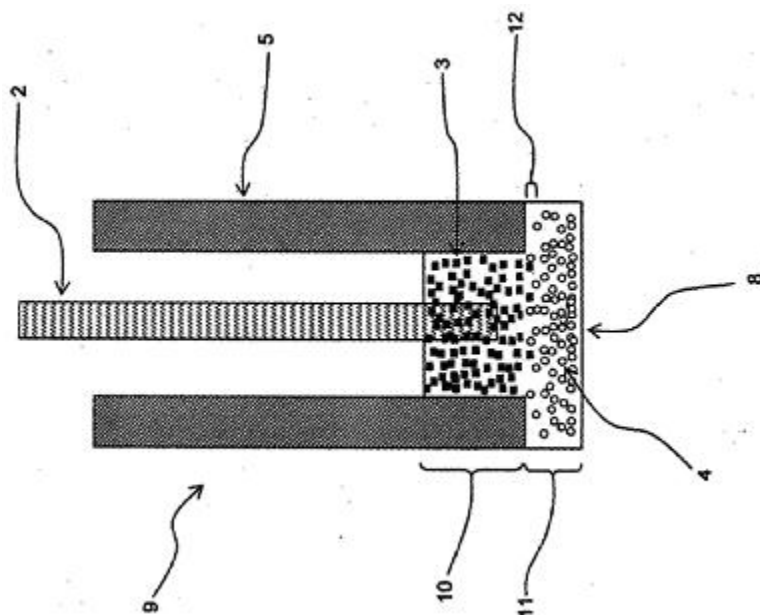
3)JIMIDAR, Mohamedilias

No of Pages : 77

No of Claims : 52

(57) Abstract :

The present invention relates to a potentiometric electrode and gradient polymer, both comprising electrically conducting particles, which increase in concentration away from one surface, ionophore molecules, which increase in concentration towards the same surface surface, and an electrical connection which passes proximal to said electrically conducting particles. The invention further relates to devices incorporating said electrode or gradient polymer, and to a method for their preparation. The new materials are highly robust and reliable.



(54) Title of the invention : CALIBRATION OF HOLOGRAPHIC DATA STORAGE SYSTEMS USING HOLOGRAPHIC MEDIA CALIBRATION FEATURES

(51) International classification :G03H 1/20
 (31) Priority Document No :60/563,041
 (32) Priority Date :16/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012786
 Filing Date :15/04/2005
 (87) International Publication No :WO2005/103842A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DCE APRILIS, INC.

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1)RAGUIN, Daniel, H

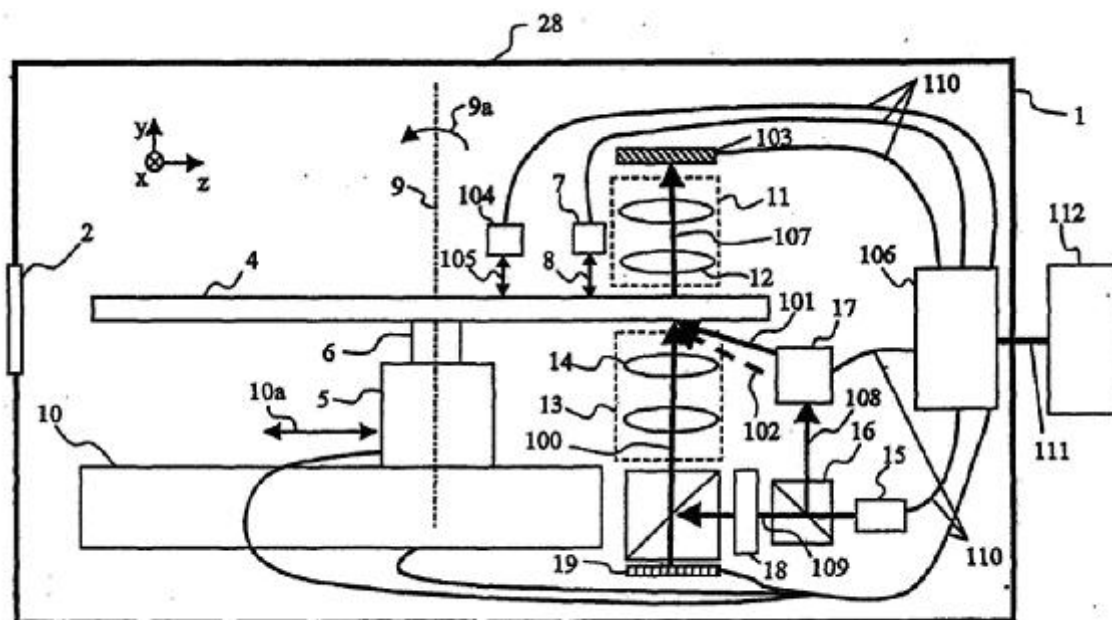
2)BUTLER, Christopher, J

No of Pages : 54

No of Claims : 69

(57) Abstract :

Calibration of holographic data storage systems (HDSS) is provided by utilizing holographic media (4) having calibration features which can be read, written, or read and written by a HDSS (30). Calibration features may represent for example, surface-relief gratings, holographic recordings, amplitude varying regions, or magnetic regions, or a combination thereof, at locations on or within the media. One or more of the calibration features along media region (302) are media calibration features with media and format information, and other calibration features along region (301) are system calibration features for optically and mechanically aligning HDSS optics. The media (4) may have performance calibration features along region (307) which can be recorded by a HDSS and then read back to determine characteristics of the media. Different HDSS systems can read the calibration features of the media (4) when installed in each HDSS to obtain information about the media, and to optically and mechanically align the media for optimal operation with the media.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1281/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :16/12/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOVEL SUSTAINED RELEASE FORMULATION AND THE PROCESS OF PREPARATION THEREOF

(51) International classification

:A61K
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 to Application Number

:NA

Filing Date

:NA

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(72)**Name of Inventor :**

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2)PODDAR SUSHILKUMAR SHARATCHANDRA

No of Pages : 23

No of Claims : 20

(57) Abstract :

A free flowing directly compressible granulation useful as a sustained-release formulation is disclosed. The formulation includes a hydrophilic matrix, which includes a hetero polysaccharide and diluents. The granules, in accordance with the present invention, can be directly compressed into tablet formulation after blending with therapeutically active medicaments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTI-STAGE SACRIFICIAL ANODE METAL DESIGNS FOR HIGH CORROSION ENVIRONMENTS

(51) International classification	:D21F 1/10
(31) Priority Document No	:10/848,711
(32) Priority Date	:19/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016083
Filing Date	:09/05/2005
(87) International Publication No	:WO2005/116330A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)Mark J. Levine

2)Thomas L. Israel

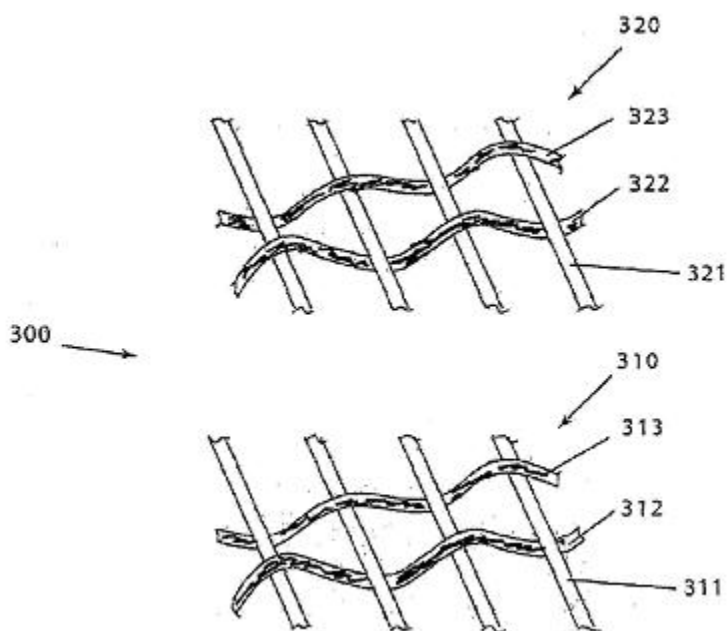
3)Gregory D. Zilker

No of Pages : 25

No of Claims : 16

(57) Abstract :

A two-layer drum cover and a method of producing the same are provided. The two-layer drum cover includes a backing wire constructed of a relatively high grade metal alloy in the wrap direction and alternating relatively low grade metal alloys in the shuttle direction. The two-layer drum cover also includes a face wire constructed of a relatively high grade metal alloy in the wrap direction and alternating relatively low grade metal alloys in the shuttle direction. All the metal alloys used in the wire have a higher grade than the metal alloys used in the backing wire.



(54) Title of the invention : DEVICE FOR THE TREATMENT OF A LIQUID OR GASEOUS MEDIUM BY MEANS OF UV RADIATION

(51) International classification :C02F1/32
 (31) Priority Document No :04008805.6
 (32) Priority Date :13/04/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP05/003776
 Filing Date :11/04/2005
 (87) International Publication No :WO2005/100256A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

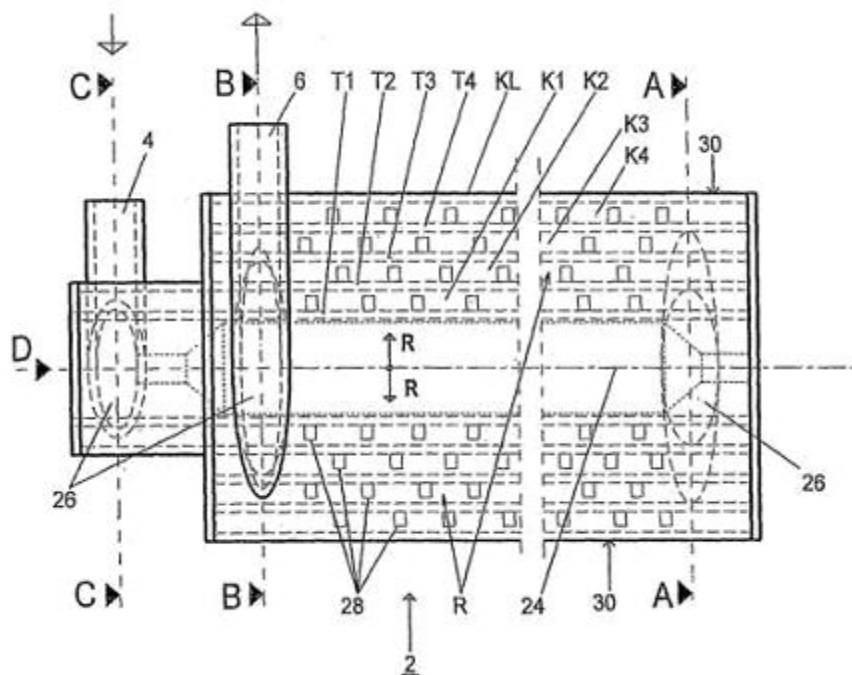
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 (72)**Name of Inventor :**
1)HARTIG HEINZ

No of Pages : 29

No of Claims : 36

(57) Abstract :

The invention relates to a device for the treatment of a liquid or gaseous medium, in particular, water or air, by means of UV radiation, comprising a UV radiation source (24), with an axial longitudinal direction and an essentially perpendicular, in particular, radial irradiation direction (R), with several layers of treatment chambers (K1 - K4), serially arranged one on the other in the radiation direction (R) through which the radiation can pass, separated from the UV radiation source (24) and from each other by a transparent separating layer (T1 - T4) which is UV transparent. Said chambers, beginning with a first treatment chamber (K1), adjacent to the UV radiation source, form a flow channel for the medium running in the longitudinal direction of the UV radiation source (24), opening (26) into the next treatment chamber (K2, K3, K4) further from the UV radiation source (24) in the direction of irradiation (R).



(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING PUBLISHERS TO SELECT PREFERRED TYPES OF ELECTRONIC DOCUMENTS

(51) International classification :G06F17/60
 (31) Priority Document No :10/841,828
 (32) Priority Date :10/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/015964
 Filing Date :10/05/2005
 (87) International Publication No :WO2005/111897A2
 (61) Patent of Addition 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)CHAN, Wesley

2)RAJARAM, Gokul

3)JINDAL Deepak

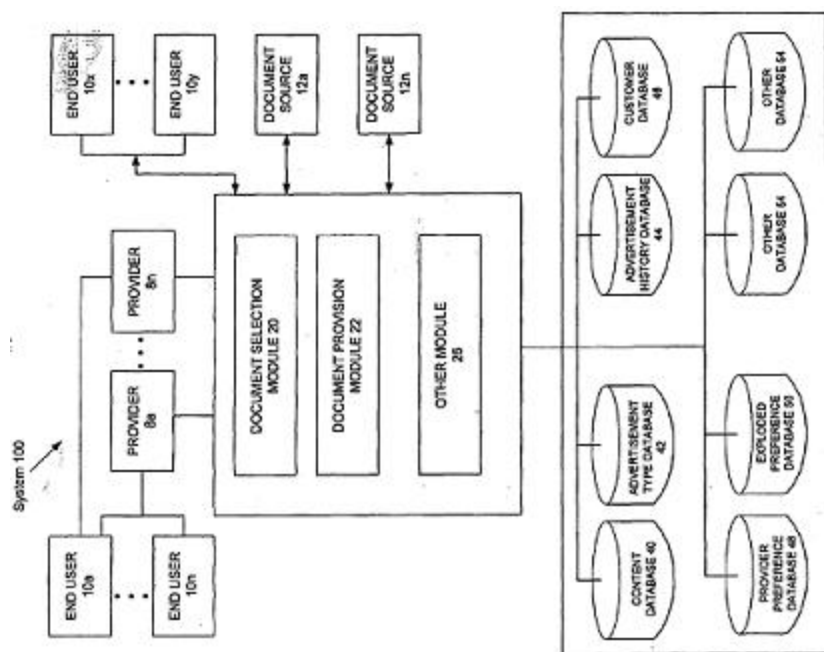
4)RANGANATH, Rama

No of Pages : 22

No of Claims : 21

(57) Abstract :

A system and method for providing preferred types of electronic documents. The system enabling a provider of electronic documents to select at least one preference regarding one or more types of electronic document to be received and published from an advertisement distribution system, receiving a request for at least one electronic document from the provider, the request including one or more content-based criteria, selecting one or more electronic documents based on the at least one preference and the one or more content-based criteria, and enabling the provider to publish the preferred types of electronic documents.



(54) Title of the invention : METHOD AND SYSTEM FOR STORING SELF DESCRIPTIVE TABULAR DATA WITH ALPHANUMERIC AND BINARY VALUES

(51) International classification :G06F17/30
 (31) Priority Document No :10/847,759
 (32) Priority Date :18/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013654
 Filing Date :21/04/2005
 (87) International Publication No :WO2005/116875A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

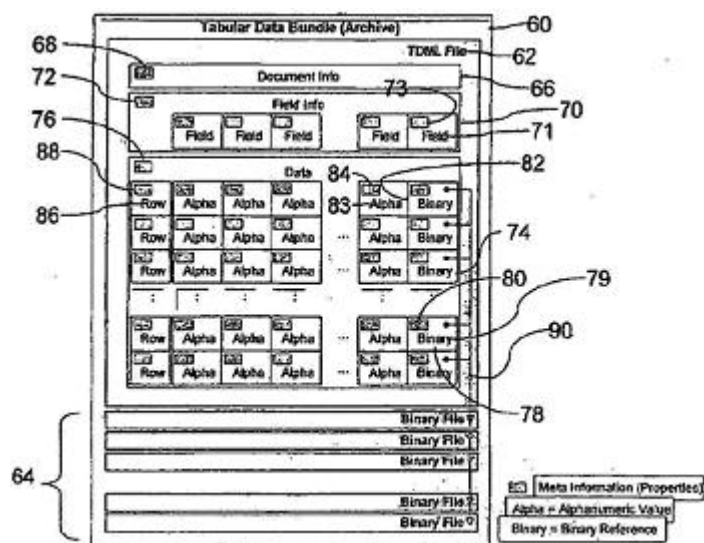
(71)Name of Applicant :
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 (72)Name of Inventor :
1)ALEXANDRESCU, Maxim, A.

No of Pages : 42

No of Claims : 20

(57) Abstract :

A method and system for storing and retrieving alphanumeric (83) and binary data values (78) includes storing in a tabular data archive (60) an open tabular format XML file (62) containing a plurality of alphanumeric data values (83) and meta-information (84). Meta-information (84 and 80) describes a predetermined set of characteristics of the alphanumeric data values (83) and binary data values (78). The method and system store in the tabular data archive (60) a plurality of individual binary files (64) each comprising exactly one binary data value (163, 164, 165, 166) and further describe the binary files (64) using the predetermined set of characteristics (80). The method further includes storing in the open tabular format XML file (62) a plurality of references (90) to the individual binary files (64). Thereafter, the open tabular format XML file (62) may be parsed for selectably retrieving at least one predetermined subset of the plurality of alphanumeric data values (83) and of the plurality of binary data values stored in individual binary files (64).



(54) Title of the invention : DISJOINT ITERATIVE CHIP EQUALISATION AND MULTI-USER DETECTION FOR CDMA COMMUNICATION SYSTEMS ON A MIMO CHANNEL

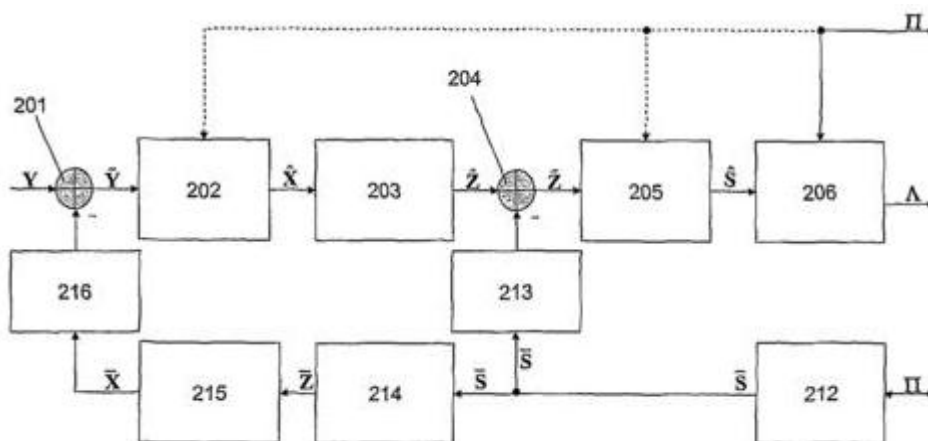
(51) International classification	:H04B7/04,H04L1/06	(71)Name of Applicant :	1)FRANCE TELECOM
(31) Priority Document No	:04291039.8		Address of Applicant :6 Place d' Alleray F-75015, Paris, France
(32) Priority Date	:22/04/2004	(72)Name of Inventor :	1)VISOZ, Raphael
(33) Name of priority country	:EUROPEAN UNION		2)BERTHET, Antoine
(86) International Application No	:PCT/EP2005/004410		
Filing Date	:21/04/2005		
(87) International Publication No	:WO2005/114887A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 53

No of Claims : 33

(57) Abstract :

The invention relates to a receiving method for communications on a frequency selective channel having a large number of transmitting and receiving antennas which is characterised in that it makes it possible to process data which is successively modulated, spread and processed prior to the transmission thereof and is received by the receiving antennas. For this purpose, the inventive method consists in carrying out: a first linear filtering (202, 202'), a first interference subtraction (201) which uses a pre-regenerated inter-antenna (MAI) and intersymbol (ISI) interference estimate, a second linear filtering (205, 205'), a second interference subtraction (201) which uses a pre-regenerated interuser (MUI) interference estimate and a processing which is based on the received data and generates MAI+ISI and MUI interference estimates from the thus filtered data. A receiving system for carrying out said method and a transmission system comprising said receiving system are also disclosed.



(54) Title of the invention : EXTENDED DYNAMIC RESOURCE ALLOCATION FOR PACKET DATA TRANSFER

(51) International classification :H04B7/26
 (31) Priority Document No :0314093.6
 (32) Priority Date :18/06/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/JP2004/002303
 Filing Date :26/02/2004
 (87) International Publication No :WO2004/114708A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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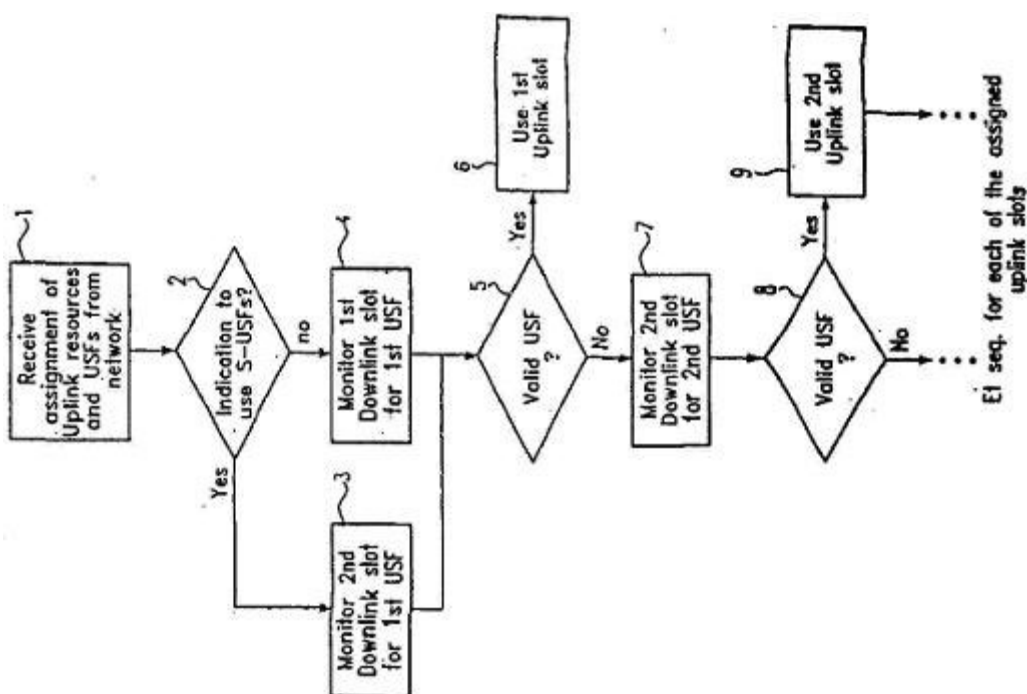
2)DAVID EDWARD COOPER

No of Pages : 17

No of Claims : 13

(57) Abstract :

This invention concerns a method for control of packet data transmissions in a TDMA wireless network to provide for additional choices in the allocation of communication channels. The fixed relationship in the timing of the downlink allocation signalling and subsequent uplink transmission is altered for certain classes of mobile station to avoid physical constraints. Examples of variations in USF signalling in GPRS are given.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1404/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CARGO STORAGE DEVICE

(51) International classification	:E04H6/18
(31) Priority Document No	:2004-145113
(32) Priority Date	:14/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/008790
Filing Date	:13/05/2005
(87) International Publication No	:WO2005/111344A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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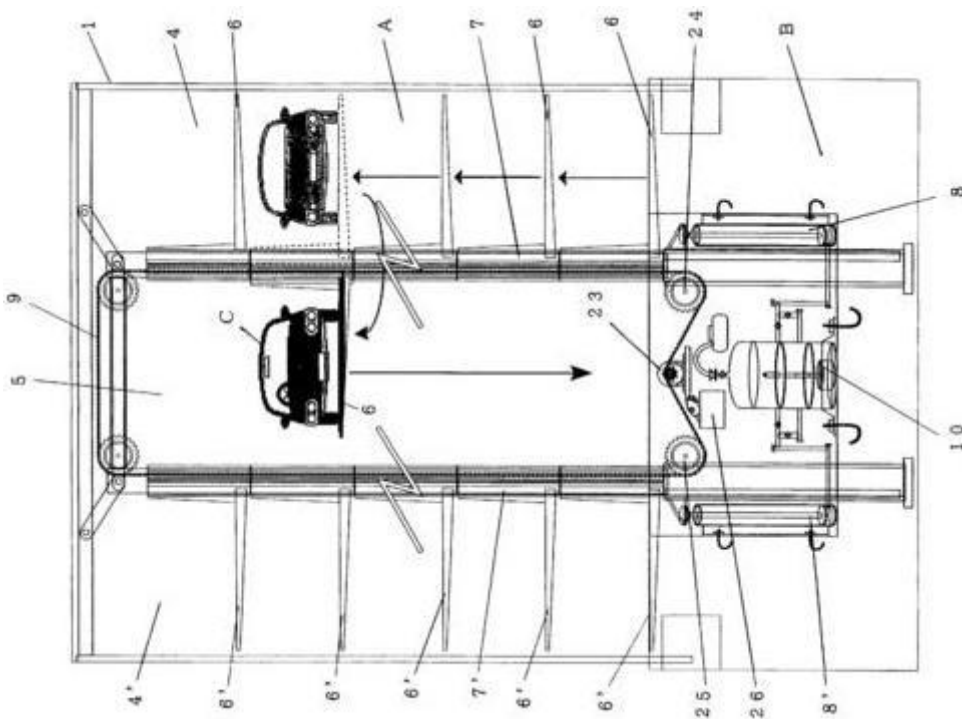
1)ABE TOSHIHIRO

No of Pages : 23

No of Claims : 4

(57) Abstract :

A cargo storage device, comprising lift parts (4) and (4') for raising in which a plurality of load carrying horizontal frames (6,...) and (6',...) are disposed at roughly equal intervals, a lift part (5) for lowering formed adjacent to and parallel with the lift parts for raising, and upright columnar support members (7) and (7') horizontally swingably supporting the horizontal frames (6,...) and (6',...) between these lift parts which are stored in a vertically installed housing (1). The support members (7) and (7') comprise movable parts formed by stacking, independently of each other, a plurality of cylindrical units swingable by 180° horizontally and fixed parts having support shaft bodies supporting the cylindrical units and forming a rotating axis for swinging the support members horizontally. The horizontal frames (6,...) and (6',...) are mounted on the movable parts through curved installation members to reduce a load between the load carrying horizontal frames and the support members so as to eliminate the possibility of trouble.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1426/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : RECOMBINANT VIRUS VECTOR FOR GENE INTRODUCTION IN LYMPHOCYTE

(51) International classification :C12N 15/38, 7/01,
A61K 35/76, 48/00
(31) Priority Document No :2004-137953
(32) Priority Date :06/05/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/008250
Filing Date :28/04/2005
(87) International Publication No :WO
2005/108581A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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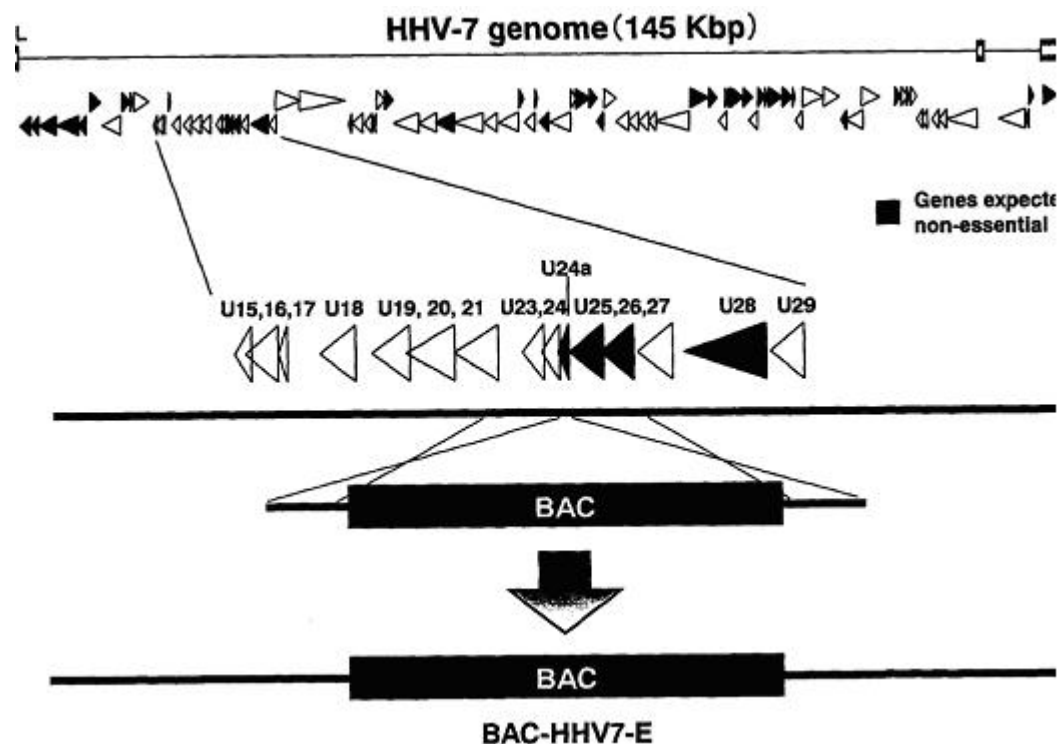
5)YAMANISHI, kouichi

No of Pages : 249

No of Claims : 101

(57) Abstract :

It is intended to provide a recombinant herpesvirus; a process for producing the same; and a pharmacological composition comprising a recombinant herpesvirus. Further, it is intended to provide a vector comprising a herpesvirus genome gene and a BAC vector sequence; a cell comprising such a vector; a fragment capable of homologous recombination with herpesvirus genome; and a nucleic acid cassette comprising a BAC vector sequence. The objects have been attained by the development of a process for producing a recombinant herpesvirus in which use is made of a BAC vector sequence.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1428/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :23/12/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : VIRTUAL DESKTOP-META-ORGANIZATION & CONTROL SYSTEM

(51) International classification	:G06F17/60
(31) Priority Document No	:60/483,304
(32) Priority Date	:27/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/020460
Filing Date	:25/06/2004
(87) International Publication No	:WO2005/001658A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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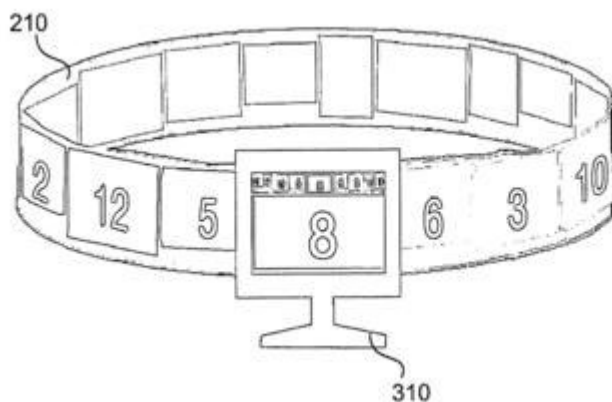
3)LEDERMAN, Gil

No of Pages : 53

No of Claims : 21

(57) Abstract :

Virtual Desktop meta Organization System wherein a real time accessible media having at least one dynamic substantially cyclic electronic data structure is associated (by an ongoing algorithmic activity for respectively regularly transforming each process of a plurality of processes running in the environment) into an associated graphic representation, and logically assigns the representation to the data structure such that for the data structure a graphic use interface facilitates viewing of the representations assigned to at least one of the data structures and facilitates organizing of the at least one data structure.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/02/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : 1-BENZYL-4- (5,6-DIMETHOXY-1-INDANONE)-2-YL! METHYL PIPERIDINE OXALATE (DONEPEZIL OXALATE) AND ITS POLYMORPHS

(51) International classification	:C07D211/32	(71) Name of Applicant :
(31) Priority Document No	:10/879816	1)USV LIMITED
(32) Priority Date	:29/06/2004	Address of Applicant :B. S. D. Marg, Station Road, Govandi,Mumbai
(33) Name of priority country	:U.S.A.	400 088, Maharashtra India
(86) International Application No	:PCT/IN2004/000220	(72) Name of Inventor :
Filing Date	:22/07/2004	1)TARUR, VENKATASUBRAMANIAN RADHAKRISHNAN
(87) International Publication No	:WO2006/001031A1	2)SATHE DHANANJAY GOVIND
(61) Patent of Addition to Application Number	:NA	3)NAIDU AVINASH VENKATARAMAN
Filing Date	:NA	4)AHER UMESH PARASHRAM
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 22

(57) Abstract :

The present invention discloses a novel oxalate salt of 1-benzyl-4-[(5,6-dimethoxy-1-indanone)-2-yl]5 methyl piperidine commonly known as Donepezil (I); its polymorphic forms and method of preparation thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1520/MUMNP/2006 A

(19) INDIA

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

(43) Publication Date : 04/05/2007

(54) Title of the invention : CENTRAL JOINT FOR AN A-ARM OF MOTOR VEHICLES

(51) International classification :F16C11/06
(31) Priority Document No :102004029581.6
(32) Priority Date :18/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/DE05/001010
Filing Date :08/06/2005
(87) International Publication No :WO2005/124169A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

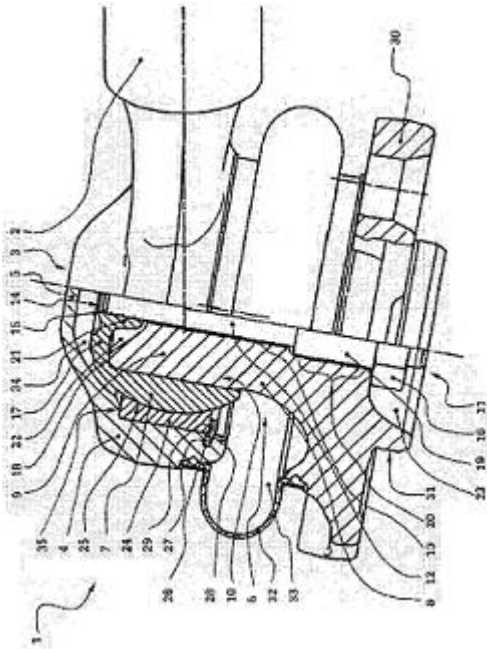
(71)**Name of Applicant :**
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1)KUNZE RALF
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No of Pages : 16

No of Claims : 16

(57) Abstract :

Central coupling 1 for a wishbone of vehicles, in particular commercial vehicles, with a ball pivot 6 accommodated in a coupling housing 3, wherein the coupling housing 3 is formed from a coupling housing body 4 and a coupling housing floor 5, and the ball pivot 6 is formed from a turret-shaped ball pivot body 8 and a coupling ball 7 mounted on the ball pivot body 8, and the ball pivot 6 is swivellably and rotatably mounted in a bearing shell 24 secured in the coupling housing 3. The invention is characterised in that the coupling housing 3 is formed in one piece from the coupling housing body 4 and the coupling housing floor 5.



(54) Title of the invention : AUTO BLOCK AND AUTO DISCOVERY IN A DISTRIBUTED COMMUNICATION SYSTEM

(51) International classification :H04M1/64,G06F15/167
 (31) Priority Document No :60/584,070
 (32) Priority Date :30/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/023152
 Filing Date :30/06/2005
 (87) International Publication No :WO2006/004857A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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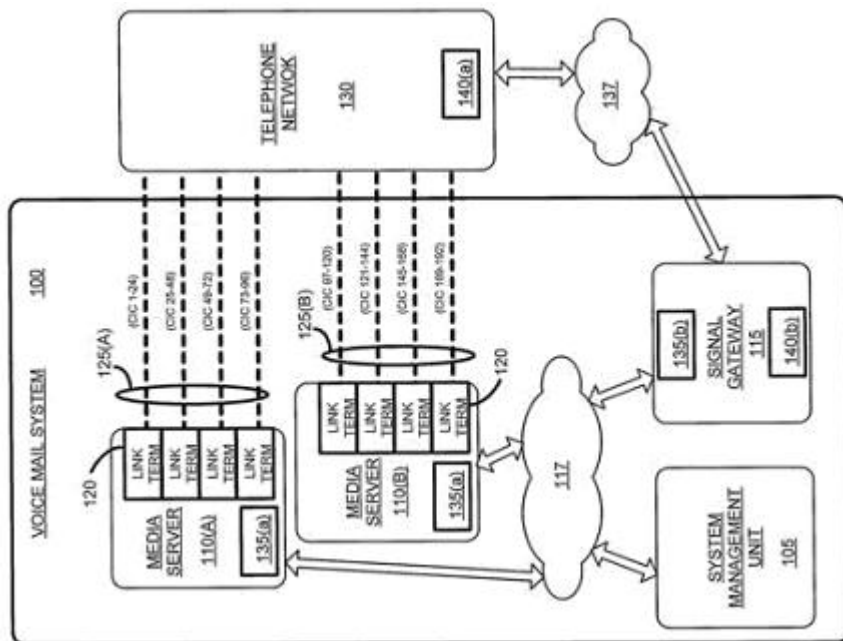
1)BETTIS, SONNY, R.**2)PLOTKY, JON, S****3)MORAES, IAN, M.****4)LOWMAN,PHILIP, L.****5)SPENCER, JAMES, H.**

No of Pages : 17

No of Claims : 21

(57) Abstract :

A voicemail system enabling various components of the voicemail system to be distributed geographically yet operate as a seamlessly integrated system is disclosed. A signal gateway interfaces with a telephone network. In addition, one or more media servers interface with the signal gateway as well as the telephone network. The signal gateway is configured to block calls to malfunctioning media servers. The signal gateway monitors the media servers, and responsive to determining that a media server has malfunctioned, the signal gateway initiates autoblocking such that the telephone network does not route calls to the malfunctioning media server. In addition, the signal gateway is configured to auto-detect a media server responsive to the media server being initialized. The voicemail system can include a variety of other elements, such as one or more system management units and or more central data and message store systems. Each of the elements in the voicemail system communicate with each other over an internet protocol type network. Any functions in the various elements that require interfacing with the telephone network are simply handled through the signal gateway.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.181/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :27/02/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : A COMPOSITION FOR USE IN THE MANUFACTURE OF SUPPOSITORIES OF ANTIBIOTICS, A PROCESS FOR THE PREPARATION THEREOF AND THE SUPPOSITORIES SO PRODUCED

(51) International classification	:A61K31/00 A61K31/545 A61K9/02	(71) Name of Applicant : 1)GERMAN REMEDIES LIMITED Address of Applicant :A-SHIVASAGAR ESTATE, DR. A. BESANT ROAD, WORLI, MUMBAI - 400 018, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JANI, RAJENDRAKUMAR HARIPRASAD
(33) Name of priority country	:NA	2)DURVE, RAVINDRA SADASHIV
(86) International Application No	:NA	3)HEGDE, VEENA SAVITRI RAMACHANDRA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 24

(57) Abstract :

The present invention discloses methods of producing suppositories of third generation Cephalosporins such as Cefotaxime for administration by rectal route which comprises of a method of dispersing the antibiotic substance in a fatty base containing a dispersing agent and moulding into suppository. Alternate method of mixing with diluents, disintegrating agents, lubricating agents and compressing and coating into a pharmaceutically acceptable antibiotic suppository is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :01/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K31/4172	(71) Name of Applicant : 1)SUN PHARMACEUTICAL INDUSTRIES LTD Address of Applicant :ACME PLAZE, ANDHER - KURLA ROAD, ANDHERI (E), MUMBAI - 400 059, Maharashtra 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)Ajay J. Khopade
(87) International Publication No	: NA	2)Alex George
(61) Patent of Addition to Application Number	:NA	3)Subhas Balaram Bhowmick
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 6

(57) Abstract :

The present invention provides a sustained release microsphere composition comprising - (i) microspheres comprising (A) a biodegradable polymer which is a homopolymer of lactic acid or a copolymer of lactic acid and glycolic acid having a monomer ratio in the range of about 1:1 to 3:1, and (B) a therapeutically effective amount of goserelin or a pharmaceutically acceptable salt thereof, and (ii) pharmaceutically acceptable excipients, which when injected intramuscularly, delivers goserelin or a pharmaceutically acceptable salt thereof, for a period of at least one month.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.234/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :02/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF GRANULATED LESS-TOXIC INSECTICIDAL FORMULATION OF PHOSPHAMIDON

(51) International classification	:A01N25/26 A01N25/00	(71) Name of Applicant : 1)SUDARSHAN CHEMICAL INDUSTRIES LTD. Address of Applicant :162,Wellesley Road, Pune - 411 001, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)NAVALE VIJAY CHANGDEO
(33) Name of priority country	:NA	2)PHADTARE VARDHAMAN EKNATH
(86) International Application No	:NA	3)BODAKHE DHONDIBA DAGADU
Filing Date	:NA	4)PATIL BHAGWAT LAXMAN
(87) International Publication No	: NA	5)BHAT BALKRISHNA K.
(61) Patent of Addition to Application Number	:NA	6)KOUL VEERINEDER KUMAR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 2

(57) Abstract :

A process for preparation of granulated non-toxic formulation of granulated phospamidon having the following structural formula 1, as active material comprising of coating phospamidon on an inert granulated carrier such as silica based calcites, attapulgites, dolomites bentonites along with stabilizers binding agents and dispersing agents such as herein described wherein the active content ranges from about 10% by mass to about 50% by mass of the formulations, about 2% to about 10% mass of other inert adjuvents having the following steps- (a) taking prior dried inert granular carrier such as silica based calcites, attapulgites, dolomites, and bentonites as aforesaid with optimal particle size ranging between 20 BSS and 60 BSS with ranging not more than 1% by mass of moisture in a rotating vessel; (b) spraying stabilizer such as selected from cashew nut shell oil, butero lactone about 2% to 10% of mass by weight of the inert granules, on the granules under slow rotation of about 100 rpm to 200 rpm; c) dissolving phospamidon of formula 1 above of 94% purity in isopropyl alcohol and spraying the same on the said granules of step (b) keeping the granules under rotation; (d) dissolving 3.0 gms to 5.0 gms of a binder such as polyvinyl alcohol in about 25 ml. of isopropyl alcohol and spraying the same on the granules of step(c); (e) making the formulated granules of step (d) solvent free at about 60°C at about 10mm to 20mm Hg pressure for 30 minutes and finally; (f) taking out these free flowing granules of step (e) from the vessel and packing them in suitable material such as laminated aluminium pouches and sealed under nitrogen.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : INFUSION SYSTEM FOR ENHANCED FLAVOR BEVERAGES

(51) International classification	:A23F3/40	(71) Name of Applicant :
(31) Priority Document No	:10/648618	1)Hindustan Lever Limited
(32) Priority Date	:27/08/2003	Address of Applicant :Hindustan lever house, 165-166 Backbay
(33) Name of priority country	:U.S.A.	Reclamation, Mumbai, 400 020 Maharashtra India
(86) International Application No	:PCT/EP2004/008905	(72) Name of Inventor :
Filing Date	:09/08/2004	1)LEHMBERG Gregg Lance
(87) International Publication No	:WO 2005/020700	2)HERZOG Leslie John
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 20

(57) Abstract :

This invention is directed to infusible and/or water soluble material in combination with aroma compounds. The aroma compounds may be carried by a carrier compound and added to a less than conventional amount of infusible and water soluble material to make a beverage precursor. Suitable to be used to make a good tasting beverage.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/MUMNP/2003 A

(19) INDIA

(22) Date of filing of Application :20/02/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : AQUEOUS TOOTHPASTE COMPRISING A CARRIER CO GROUND WITH AN ACTIVE

(51) International classification	:A61K 7/16	(71)Name of Applicant :
(31) Priority Document No	:00307120.6	1)HINDUSTAN LEVER LIMITED
(32) Priority Date	:21/08/2000	Address of Applicant :165/166 BACKBAY
(33) Name of priority country	:EUROPEAN UNION	RECLAMATION,MUMBAI-400 020, Maharashtra India
(86) International Application No	:PCT/EP01/08818	(72)Name of Inventor :
Filing Date	:30/07/2001	1)DE PONTI RITA CRISTINA
(87) International Publication No	:WO 02/15856	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 5

(57) Abstract :

Oral composition comprising a co-ground of at least two ingredients which are co-ground without the use of solvents and wherein the co-ground comprises each of at least two ingredients at a level of at least 5 % by weight of the total weight of the co-ground, characterised in that the composition is an aqueous composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :14/01/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : Δ^1 - PYRROLINES

(51) International classification	:C07D207/14
(31) Priority Document No	:10106455.1
(32) Priority Date	:13/02/2001
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER AKTIENGESELLSCHAFT
Address of Applicant :D-51368 LEVERKUSEN, Germany

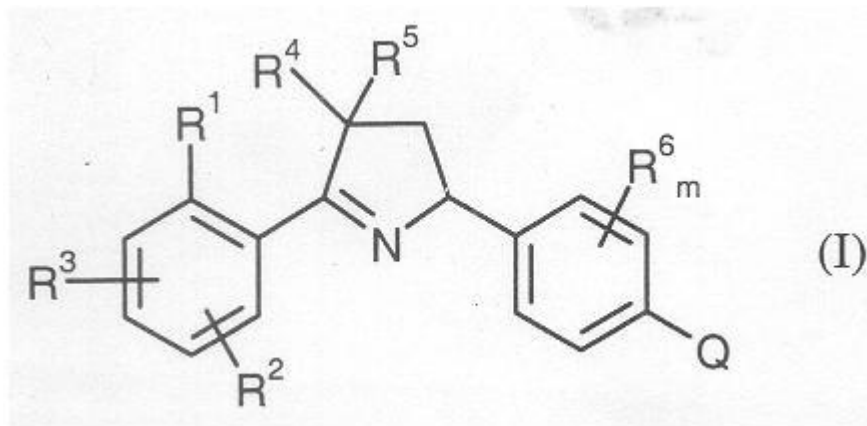
(72)**Name of Inventor :**
1)ANDREW PLANT
2)THOMAS SEITZ
3)CHRISTOPH ERDELEN
4)ANDREAS TURBERG
5)OLAF HANSEN

No of Pages : 124

No of Claims : 2

(57) Abstract :

Novel Δ^1 - pyrrolines of the formula (I) in which R¹, R², R³, R⁴, R⁵, R⁶, m and Q have the meanings given in the description, a plurality of processes for preparing these substances and their use for controlling pests.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.278/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :27/03/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : DEVELOPMENT OF IS2062 GRADEFE410WC, STEEL FOR GENERAL STRUCTURAL PURPOSES WITH ENHANCED TOUGHNESS PROPERTY

(51) International classification	:C22C38/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S ISPAT INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant : "GEETAPURAM" VILLAGE-DOLVI,
(33) Name of priority country	:NA	TALUKA-PEN, DIST-RAIGAD-402 107, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)T VENUGOPALAN
(87) International Publication No	: NA	2)H H KWON
(61) Patent of Addition to Application Number	:NA	3)K B KALE
Filing Date	:NA	4)K Y KIM
(62) Divisional to to Application Number	:NA	5)ARVIND J Bhide
Filing Date	:NA	

No of Pages : 5

No of Claims : 0

(57) Abstract :

IS 2062 Fe410 WC grade requires very high impact toughness along with high strength required for bridge construction in cryogenic conditions. First time in CSP, a special heat was produced with low carbon and vanadium micro alloying to achieve properties required for this grade. All the process parameters were maintained and testing results were very good.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.281/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :14/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS OF FIXING OF A HOUSING FOR BIMETAL DISC TO AN IMMERSION TUBE OF ROD THERMOSTAT AND A ROD THERMOSTAT THEREOF

(51) International classification	:H05B3/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SPHEREHOT WATER HEATERS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 17-A & B, GOVT. INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, CHARKOP ROAD, KANDIVALI (W), MUMBAI - 400 067,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)BABUBHAI DOSHI
(61) Patent of Addition to Application Number	:NA	2)KEYOR B. DOSHI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 8

(57) Abstract :

The present invention provides a process for fixing a tube to a disc without heat application. A process for fixing a housing disc and an immersion tube comprising steps of: providing a collar on the immersion tube of the thermostat near one end of the immersion tube; inserting the housing disc through the said end on the collar of the immersion tube; and applying pressure on the said end of the immersion tube thereby folding the end outwardly on the housing disc to form a single assembly of immersion tube and the housing disc. As the housing disc is in direct contact with the immersion tube, direct heat transfer takes place between them improving the response of the thermostat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.286/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :16/04/1999

(43) Publication Date : 04/05/2007

(54) Title of the invention : IMPROVEMENTS IN CONVEYOR DEVICE FOR CONVEYING OF FORMED, FILLED AND SEALED BLISTER WEB IN INTERMITTENT PACKING MACHINE

(51) International classification	:B63B43/52	(71) Name of Applicant : 1)PRECISION GEARS LIMITED Address of Applicant :G-1, EVEREST, 156 TARDEO ROAD, MUMBAI - 400 034, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)R. GAUDENZI
(33) Name of priority country	:NA	2)RICHARD MENEZES
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 4

(57) Abstract :

The improvement in the conveyor device for conveying of formed, filled and sealed blister web in intermittent - blister packing machines comprises in providing the pairs of rollers at least one pair positioned between the said forming station and filling station, and at least one pair positioned between the sealing station and the punching station, and with each pairs of rollers the discs at the lower end provided with gear wheels which are connected by an endless conveyor chain or the like, and the discs at the lower end provided with a free-wheel gear, encircling a chain onto the free-wheel gear, one end of the chain connected to a swivellable lever and other end having a spring is connected to a pneumatic cylinder of the chain, a can in communication with the swivellable lever, and a geared motor for driving the can.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.287/MUMNP/2003 A

(19) INDIA

(22) Date of filing of Application :06/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR BLEACHING PAPER PULP

(51) International classification	:D21C9/10 D21C9/16	(71) Name of Applicant : 1)De La Matiere Vegetale Address of Applicant :56,rue du Rocher, F-75008 Paris, France
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Michel Delmas
(33) Name of priority country	:NA	2)Gerard Avignon
(86) International Application No	:PCT/FR01/02867	
Filing Date	:14/09/2001	
(87) International Publication No	:WO 02/22945	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 16

(57) Abstract :

Various types of paper pulp are bleached in two steps at atmospheric and at a temperature of less than or equal to 100 C. The first step is carried out by bringing the raw pulp into contact with a mixture of peracetic acid and performic acid. The second step is carried out by treating the bleached pulp obtained from 10 the first step, with a solution of sodium hydroxide and hydrogen peroxide. The pulps obtained have a high brightness value and a degree of polimarization close to the raw pulps. The method is ecological and nonpolluting.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :04/01/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTIBACTERIAL CYANO-(SUBSTITUTED)-METHYLENEPIPERIDINOPHENYL OXAZOLIDINONES
TARGETING MULTIPLE RIBONUCLEOPROTEIN SITES

(51) International classification	:C07D413/10
(31) Priority Document No	:60/395,164
(32) Priority Date	:11/07/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IN2003/00238
Filing Date	:10/07/2003
(87) International Publication No	:WO2004/007489A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Wockhardt Limited

Address of Applicant :Wockhardt Towers, Bandra Kurla Complex,
Bandra (East), Mumbai 400 051, Maharashtra India

(72)Name of Inventor :

1)Mahesh Vithalbhai Patel

2)Dr. Prasad Keshav Deshpande

3)Dr. Milind Dattatraya Sindkhedkar

4)Dr. Shrikant Vinayak Gupte

5)Dr. Yati Chugh

6)Dr. Nitin Shetty

7)Dr. Milind Chintaman Shukla

8)Dr. Ravindra Dattatraya Yeole

9)Dr. Noel John de Souza

No of Pages : 155

No of Claims : 13

(57) Abstract :

The present invention provides agents having high antimicrobial activity for preventing and treating infectious diseases. Thus, the present invention provides novel cyano-(substituted)-methylenepiperidinophenyl oxazolidinone derivatives, processes for making the compounds, as well as antimicrobial compositions containing said derivatives as active ingredients and methods of treating bacterial infections with the said derivatives.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.338/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :07/04/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : POWER MULTIPLIER

(51) International classification	:G05G1/04	(71) Name of Applicant : 1)TULASKAR RAMCHANDRA GAJANAN
(31) Priority Document No	:NA	Address of Applicant :2/12 DALVI BUILDING, PUNE LINK ROAD,
(32) Priority Date	:NA	KATEMANAWALI KALYAN (E) 421 306 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)TULASKAR RAMCHANDRA GAJANAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 3

(57) Abstract :

A small tension provided to the long arm of a lever can do a big work at the other end. I Used this principle to construct my power multiplier. Modifications are made in a simple lever. New parts like arms and arm lifting springs with modified lever and gets circular motion are used. Circular motion was not possible with a simple lever. Power multiplier is a supplementary device. It is used in between actual working wheel and the engine. There is no need to change the form and features of present engines. By using power multiplier a small power engine can do more work. Input wheel is an engine and output wheel is a actual working wheel. Engine provides a circular motion to power multiplier with the help of arm of input wheel in the form of vertical motion. At the other end of arm of input wheel vertical motion is transmitted to long arm of a lever. Tension created by vertical motion is increased at short arm of a lever. Arm of an input wheel and arm lifting spring transmits the increased tension to the output wheel. An output wheel gets a circular motion. So a small power engine can do more work. Present engines are using power 1 and doing work less than or equal to 1. When we use power multiplier the same engine after consuming power 1 will do work more than 1. This is explained and shown in the drawing.

(54) Title of the invention : METHOD FOR TREATING MULTIPLE WELLBORE INTERVALS

(51) International classification :E21B34/06,
E21B43/16
(31) Priority Document No :60/219,229
(32) Priority Date :18/07/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/22284
Filing Date :16/07/2001
(87) International Publication No :WO 02/06629 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)EXXONMOBIL UPSTREAM RESEARCH COMPANYAddress of Applicant :P O Box 2189, Houston, Texas 77252-2189,
U.S.A.

(72)Name of Inventor :

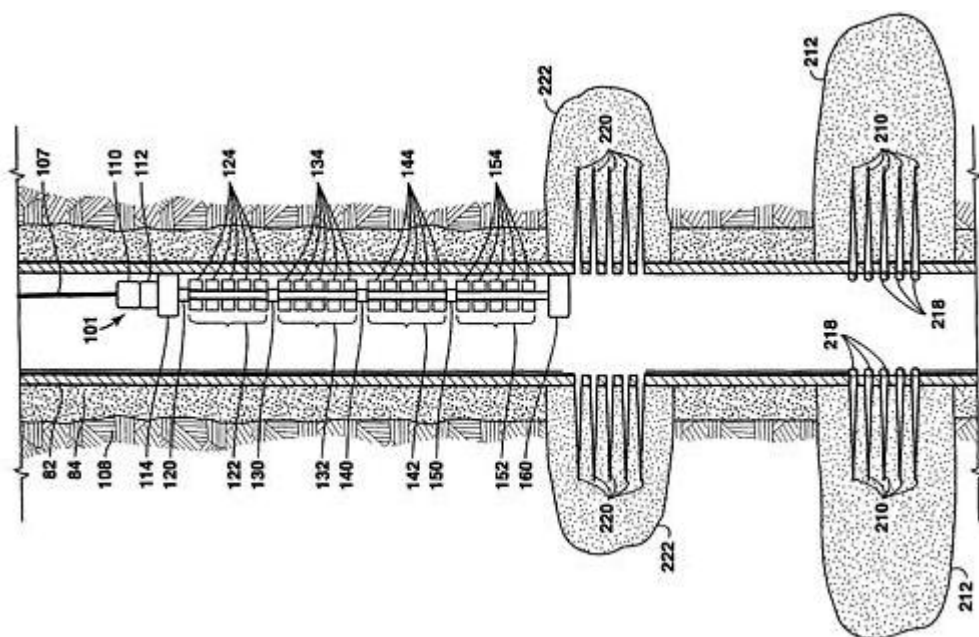
1)RANDY C. TOLMAN**2)KRIS J. NYGAARD****3)A. M. EL-RABAA****4)WILLIAM A. SOREM**

No of Pages : 61

No of Claims : 30

(57) Abstract :

A method for treating multiple intervals in a wellbore by perforating at least one interval (32, 33, or 34) then treating and isolating the perforated interval(s) (32, 33, or 34) without removing the perforating sleeve (101) from the wellbore during the treatment or isolation. The invention can be applied to hydraulic fracturing (222) with or without proppant materials as well as to chemical stimulation treatments.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :15/01/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : PHTHALAMIDES

(51) International classification	:C07D201/12
(31) Priority Document No	:10105169.7
(32) Priority Date	:06/02/2001
(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 to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER AKTIENGESELLSCHAFT

Address of Applicant :D 51368 LEVERKUSEN, Germany

(72)Name of Inventor :

1)THOMAS BRETSCHNEIDER

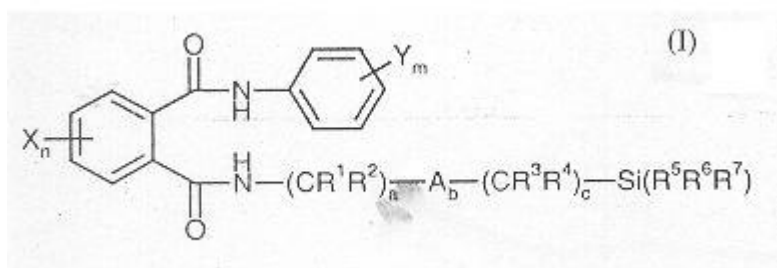
2)CHRISTOPH ERDELEN

No of Pages : 75

No of Claims : 26

(57) Abstract :

Novel phthalamides of the formula (I) in which X, Y, n, m, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, A, a, b and c have the meanings given in the description, a process for preparing these compounds use for controlling pests.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :13/01/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : DWELL CREATING DEVICE FOR MULTIPLE PAIR OF CROSS SEALING JAWS OF HORIZONTAL FLOW WRAP MACHINE

(51) International classification	:B65B01/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MULTI PACK SYSTEMS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, PATRIOT COMPLEX, ELLORE
(33) Name of priority country	:NA	PARK, BARODA 390 007, Gujarat India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMESHBHAI REVABHAI PATEL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 12

(57) Abstract :

A dwell creating device for multiple pair of cross sealing jaws (1) for use in horizontal flow wrap machine, said dwell creating device comprising: an eccentric dwell wheel (2) provided with one or more slots and being mounted on a dwell flat (3) through a drive sprocket (4); a cam follower (5) being fitted/connected through the slots to the eccentric dwell wheel (2); a lower jaw gear (6) being connected to the cam follower (5) optionally through a timing mechanism such as herein described and an upper jaw gear (7) being coupled to the lower jaw gear (6) through a coupling means such as herein described, and said lower jaw gear (6) being coupled to a lower jaw shaft (8) mounted with one or more lower jaws and said upper jaw gear (7) being coupled to a upper jaw shaft (9) mounted with one or more upper jaws.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.353/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :09/04/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONDUCTIVE SEAL AS WELL AS A METHOD AND APPARATUS FOR ITS PRODUCTION

(51) International classification	:F16J 15/14	(71) Name of Applicant :
(31) Priority Document No	:10221100.0-34	1)NEUHAUS ELEKTRONIK GMBH
(32) Priority Date	:03/05/2002	Address of Applicant :DRONTHEIMER STRASSE 21, 13359
(33) Name of priority country	:Germany	BERLIN, Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ALEXANDER NEUHAUS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 26

(57) Abstract :

A conductive seal that is formed on a first sealing surface by extruding an elastically curing material intermixed with conductive particles is in addition intermixed with magnetic. After applying the material to the first sealing surface, its cross section profile is expanded to an adjustable level towards a second sealing surface and/or sealing rims are molded to it by a magnetic force from an electromagnetic plate. The magnetic and conductive particles are preferably concentrated in the marginal sections, particularly due to magnetic forces that act on the sealing roving in the extrusion process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.358/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :10/04/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A CELL FREE IMMUNOGEN PREPARATION/PROPHYLACTIC VACCINE

(51) International classification	:A61K39/00	(71) Name of Applicant : 1)SAHASRABUDHE MADHAO BHALCHANDRA Address of Applicant :41 SARAS BAUG, SION-TROMBAY ROAD, DEONAR, MUMBAI-400 088, Maharashtra 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 : 1)SAHASRABUDHE MADHAO BHALCHANDRA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 6

(57) Abstract :

A cell free preparations of tumor antigen adapted for immunotherapy of cancer and/or prophylactic vaccine thereof for destroying cancer cell as soon as these appear in the body. Also discloses is a diagnostic kit and a method of early detection and treatment of cancer involving the aforesaid cell free preparation of tumor antigen. The developed cell free immunogen preparation/vaccine comprise cell free form of tumor antigen covalently bound with antigen presenting fraction of major histocompatibility complex (MHC) which is immunologically antigenic and capable of sensitizing lymphocytes and at the same time free from any of the cell surface makers which may cause auto-immune diseases in the immunized subjects. The diagnostic kit involving the above cell free preparations of tumor antigen provide for a simple, effective and early detection of cancer and a method for carrying out such detection of cancer. The cell free preparation is also directed to save in the method of treatment for making all the cancer cells in the body vulnerable to destructible by an activated immune surveillance system in the host and as a prophylactic vaccination adapted to destroy cancer cells as soon as these appear in the body.

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING AN ANGULAR ERROR AND USE OF THE DEVICE

(51) International classification :G01C1/00,G01B11/26
 (31) Priority Document No :2002-1025/02
 (32) Priority Date :14/06/2002
 (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 to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OERLIKON CONTRAVES AG

Address of Applicant :BIRCHSTRASSE 155, CH-8050 ZURICH, Switzerland

(72)Name of Inventor :

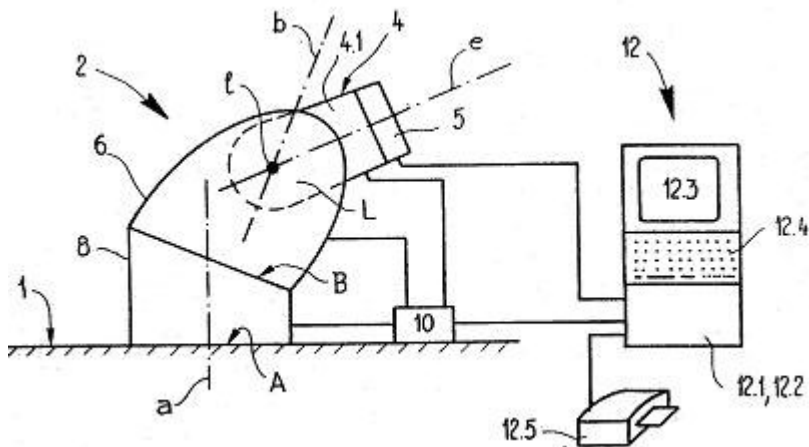
1)GABRIEL SCHNEIDER

No of Pages : 19

No of Claims : 24

(57) Abstract :

A method and a device are disclosed for establishing actual changes and intended changes of the spatial angle of a main axis (e) of a sensor or effector attached to a receiver (4.1). The receiver (4.1) is directly rotatable around the first axis of rotation (I) and indirectly rotatable around at least one further axis of rotation (b, a). An optical-electronic angular measurement device (5) having at least two measurement axes is attached to the receiver (4.1). For a first axis of rotation (I, b, a), a rotation is performed around this first axis of rotation (I, b, a), while any rotation around further axes of rotation is prevented. After each rotation step, a first actual change of the spatial angle of the main axis (e) is detected and stored by the angular measurement device (5), and a first intended change of the spatial angle of the main axis (e) is provided and stored by a coder device (10). During use of the device, a carrier base (8), onto which the receiver (4.1) is attached via a carrier (6), is directly or indirectly attached to a movable mounting surface (1).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : A JOSS STICK AND A METHOD OF MAKING THE SAME

(51) International classification	:A61L9/02 A61L9/015 A47G33/00	(71) Name of Applicant : 1)RAMAKANT RAJARAM GAIKWAD Address of Applicant :A/22,Mini Land Gate, No.5,Tank Road,Bhandup(west), Mumbai-400 078. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAMAKANT RAJARAM GAIKWAD
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 3

(57) Abstract :

A joss stick, being a rod having a square crossection, for use between sunrise of Monday and sunrise of Tuesday comprising an intimate mixture, prepared in silver vessel on a Monday, in dimineralized water of a base or fumigant Sawdust (wood powder)40-75%, Coconut shell powder 5-15%, Maida lakdi (jiggat) powder 15-30% as a binder; a special aromatic fuel mixture comprising dry powders of barks of palash as samidha 40-55%, mayurshikha as dhoop 15-20%, shwet kamal petals as pushp 15-20%, and Malaygiri chandan 5-20% in dimineralized water; and khus fragrance

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : A JOSS STICK AND A METHOD OF MAKING THE SAME

(51) International classification	:A61L9/02 A61L9/015 A47G33/00	(71) Name of Applicant : 1)RAMAKANT RAJARAM GAIKWAD Address of Applicant :A/22,Mini Land Gate,No.5, Tank Road,Bhandup(W), Mumbai 400 078, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAMAKANT RAJARAM GAIKWAD
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 3

(57) Abstract :

A joss stick, being a rod having an arrow shape, for use between sunrise of Wednesday and sunrise of Thursday, comprising an intimate mixture, prepared in a bass vessel on a Wednesday, in demineralized water of a base or fumigant made from Sawdust (wood powder) 20-35%, Coconut shell powder 5-15%Chlorophytum Borivilianum (White chipps)15-25%,Vateria indica, Linn(White ral) 5-10%as combustible materials, Litsea chinensis (Meda lakdi)powder 15-30%as a binder, a special aromatic fuel mixture comprising dry powders of bark of Achyranthes aspera (Apamarg) as samidha 40-55%,Vateria indica, Linn (Ral) as dhoop 15-20%,Saraca indica (Ashoka) petals as pushp 15-20%,Pterocarpus santalinus (Rakta-Chandan) as chandan 15-20% and Vateria indica, Linn (Ral) fragrance

(12) PATENT APPLICATION PUBLICATION

(21) Application No.400/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :01/04/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IMPROVED PROCESS OF PREPARATION OF BLOCK COPOLYMERS AND THE BLOCK COPOLYMERS PREPARED THEREFROM

(51) International classification	:C08G75/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHARDA CHEMICALS LTD
(32) Priority Date	:NA	Address of Applicant :5/6,JER MANSION,10,W.P.VARDE
(33) Name of priority country	:NA	MARG,OFF TURNER ROAD,BANDRA (W),MUMBAI-400 063,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TRIVEDI PRAKASH DRUMAN
(61) Patent of Addition to Application Number	:NA	2)RAJA ATUL RAMANIKLAL
Filing Date	:NA	3)JESANI MUKESH SHAMBHUBHAI
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 71

No of Claims : 26

(57) Abstract :

The present invention relates to a process of preparing a block copolymer and the block copolymer prepared therefrom comprising of at least two types homoblocks, all belonging to the polysulfone family, wherein each of the said homoblock has an identical or different molecular weight of at least 1000 and has at least 5% of the overall weight and wherein the block copolymer has a molecular weight of at least 2000,the process steps comprising of preparing each of the aforesaid homoblocks by reacting at least one aromatic diol with at least one aromatic dihalo compound, one of which contains at least one sulfone group, in at least one aprotic solvent in the presence of at least one alkali, optionally in the presence of a first azeotropic agent and the reacting the aforesaid homoblocks together in at least an aprotic solvent, optionally followed by end-capping said block copolymer.

(54) Title of the invention : IMS SUBSCRIBER ACCESS CONTROL

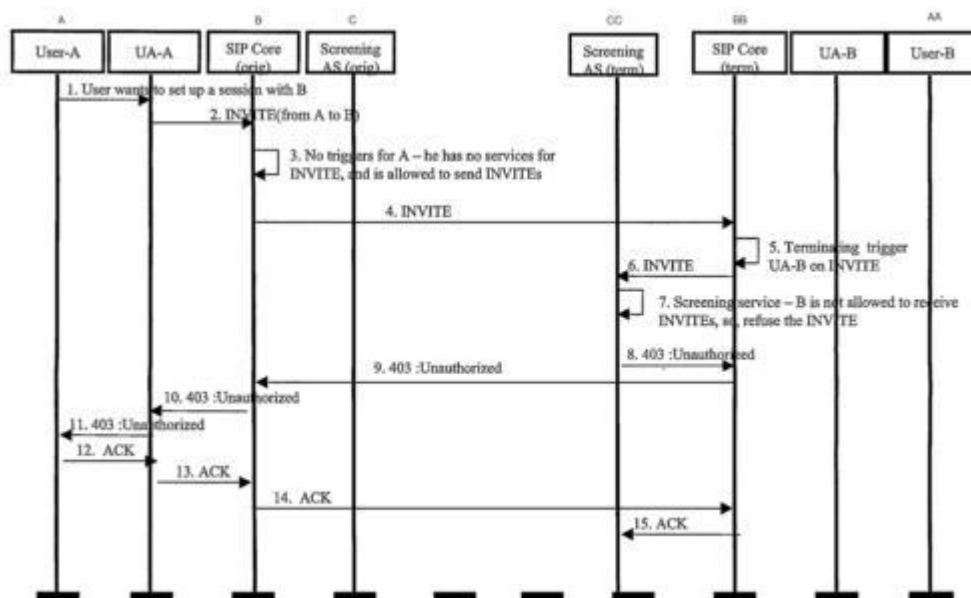
(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:03221414.5	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:12/09/2003	Address of Applicant :S-164 83 Stockholm, SWEDEN. Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/051978	1)GREENE, Nancy
Filing Date	:31/08/2004	2)SURDILA, Sorin
(87) International Publication No	:WO 2005/027459	3)GOURRAUD, Christophe
	A1	
(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 : 9

(57) Abstract :

A method of controlling subscriber access to SIP-based services facilitated by an IP Multimedia Subsystem. The method comprises defining at a Serving Call Session Control Function node at least one default screening trigger, and downloading from a home subscriber Subsystem, specific screening triggers allocated to at least certain subscribers. At the Serving Call Session Control allocated to at least certain subscribers. At the serving Call Session control Function node, at least certain subscribers. At the serving Call Session control Function node, at least certain SIP messages originating at subscriber terminals are intercepted and, for each intercepted message and in the absence of a matching specific screening trigger, the default trigger is activated so as to cause the SIP message to be forwarded to a specified SIP application server.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :29/05/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : A VERTICAL/HORIZONTAL MULTI ROTOR

(51) International classification	:B02C17/16	(71) Name of Applicant : 1)FRANCISCO ANTHONY CARVALHO
(31) Priority Document No	:NA	Address of Applicant :5A, LAXMAN APARTMENTS, AZAD LANE,
(32) Priority Date	:NA	OFF. S. V. ROAD, ANDHERI (W), MUMBAI-400 058, Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FRANCISCO ANTHONY CARVALHO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 1

(57) Abstract :

A vertical/horizontal multi rotor micro bead agitator mill comprising a cylinder having ports for supplying and discharging a material to be dispersed, of at least two sets of rotor/agitator disc assemblies rotating in parallel axes wherein the disc overlap each other and the shafts rotates in the same direction and are housed in a grinding cylinder wherein the mill mainly consist of atleast two agitator shafts centrally located having a series of equally/randomly spaced agitator disc, the said grinding cylinder charged with micro-bead grinding media and product slurry, thereby to reducing particle sizes and improving dispersion of two/more opposing peripheral speeds of over lapping agitator disc. And hence the rate of conversion of mechanical energy into hydraulic shear force is far greater, the level of dispersion, gloss and brightness achievable surpasses any existing single rotor system.

(54) Title of the invention : INFORMATION STORAGE MEDIUM CONTAINING SUBTITLES AND PROCESSING APPARATUS THEREFOR

(51) International classification :G11B20/10
 (31) Priority Document No :10-2003-0079181
 (32) Priority Date :10/11/2003
 (33) Name of priority country :Democratic People's Republic
 (86) International Application No :PCT/KR2004/002904
 Filing Date :10/11/2004
 (87) International Publication No :WO 2005/045835
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742, Democratic People's Republic

(72)Name of Inventor :

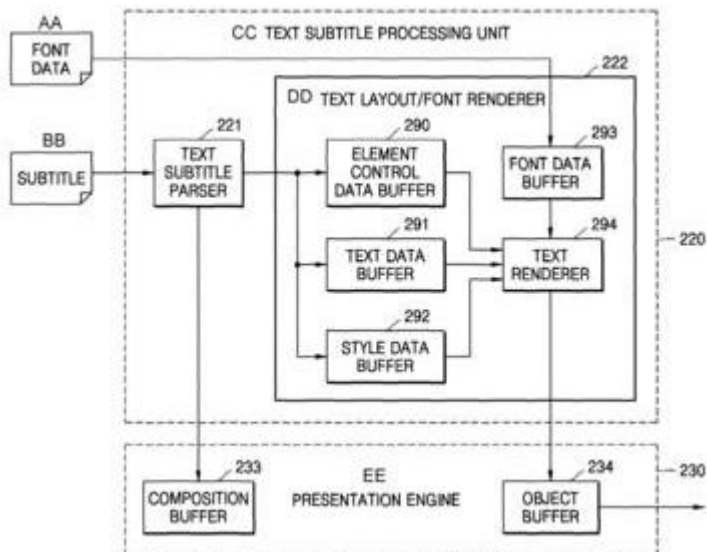
1)KANG, Man -Seok**2)MOON, Seong-Jin****3)CHUNG, Hyun-Kwon**

No of Pages : 23

No of Claims : 24

(57) Abstract :

An information storage medium containing subtitles and subtitle processing apparatus, where the information storage medium includes; audio-visual (AV) data; and subtitle data in which at least one subtitle text data and output style information designating an output form of subtitle text are stored with a text format With this, output style of subtitle texts included in the text subtitle data can be overlapped, a subtitle file can be easily produced, and subtitle for an AV stream can be output with various forms



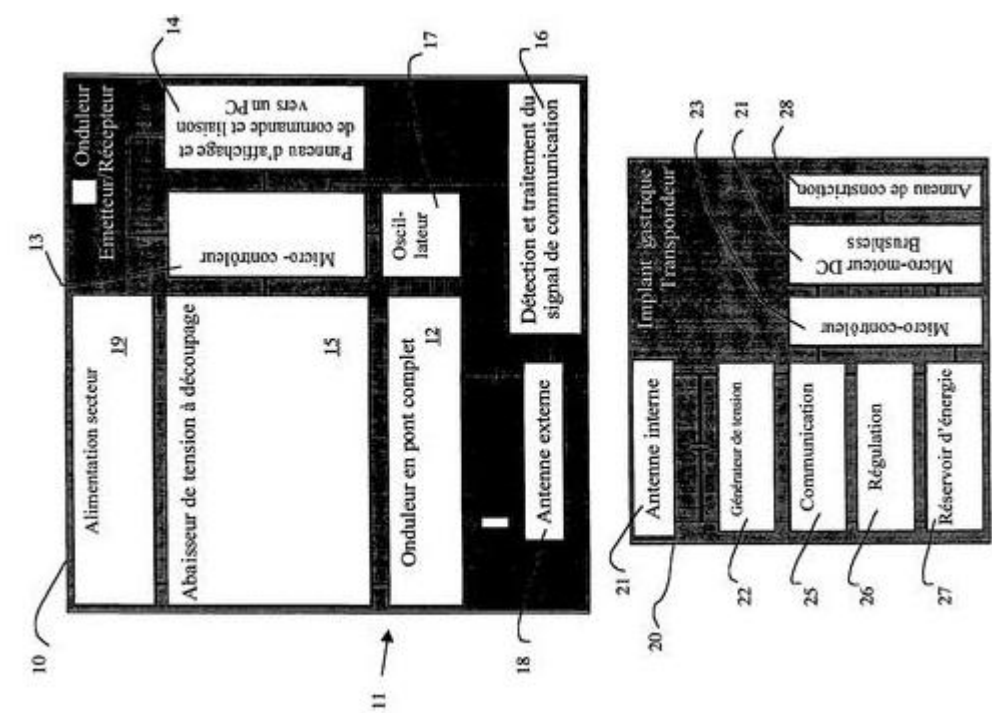
(54) Title of the invention : METHOD AND DEVICE FOR REMOTE AND NON-CONNECTED IMPLEMENTATION OF AN IMPLANT AND IMPLANT IMPLEMENTED BY SAID DEVICE

(51) International classification	:A61N 1/378	(71)Name of Applicant :
(31) Priority Document No	:00/15140	1)CANCEL, RICHARD
(32) Priority Date	:23/11/2000	Address of Applicant :317, RUE OLIVE TARNARI, F-83130 LA
(33) Name of priority country	:France	GARDE, France
(86) International Application No	:PCT/FR01/03704	2)WALLACE, RICHARD
Filing Date	:23/11/2001	3)SASSI GERARD
(87) International Publication No	:WO 02/41945	(72)Name of Inventor :
	A1	1)CANCEL, RICHARD
(61) Patent of Addition to Application Number	:NA	2)WALLACE, RICHARD
Filing Date	:NA	3)SASSI GERARD
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 18

(57) Abstract :
The invention concerns a method and a device (10) for remote implementation without material connection of an implant (20) comprising an electrical equipment (21), said implementing device (10) comprising an induction source (11) constituting an energy source for operating said electrical equipment (21). The invention is characterised in that it comprises means for generating modifications the production of the electromagnetic field by said induction source (11) to transmit data in the form of binary data to said implant (20). The invention also concerns an implant (20), in particular a gastric constriction device, capable of being remotely implemented without material connection by the inventive implementing device (10).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :19/05/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUBSTITUTED PYRIDYL/PYRIDOYL-5YL-(2 ALKYL/ARYL/AROYL AMINO) THIAZOLE DERIVATIVES, METHOD OF THEIR PRODUCTION AND USE

(51) International classification :A61K31/426
(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 to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)B.V.PATEL PHARMACEUTICAL EDUCATION AND RESEARCH DEVELOPMENT (PERD) CENTRE

Address of Applicant :THALTEJ-GANDHINAGAR HIGHWAY,
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(72)Name of Inventor :

1)SWAPNIL GULABRAO YERANDE

2)HARDIK M THAKAR

3)GAJANAN S INAMDAR

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5)V. SUDARSANAM

6)KAMALA.K.VASU

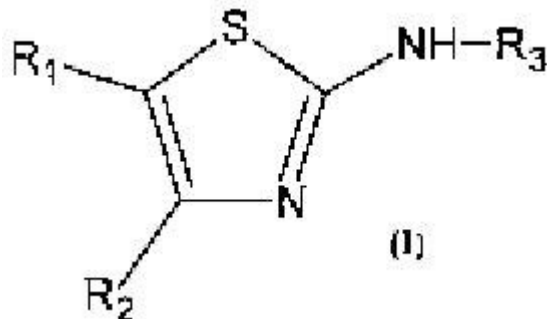
7)HARISH PADH

No of Pages : 25

No of Claims : 6

(57) Abstract :

The compounds of formula I Where R₁ is substituted pyridine and unsubstituted pyridoyl. R₃ independently selected from the group consisting of C1-2 alkyl, alkoxy carbonyl, aroylamino, aryl amino and the like, R₂ independently selected from alkyl, aryl, alkylamino the like, and their process for manufacture and their usefulness as anti-inflammatory agents for treatment of inflammatory diseases such as reperfusion injury of an ischemic organ, eg. reperfusion injury to the ischemic myocardium, myocardial infraction, inflammatory bowel disease, rheumatoid arthritis, hypertension, psoriasis, organ transplantation, osteoarthritis, organ transplant rejection, impotence, radiation induced injury, asthma, atherosclerosis, thrombosis, influenza, stroke, burns, trauma, acute pancreatitis, pain and auto-immune disease, neuroinflammation diseases like Alzheimer, Parkinsonism, septic shock and method of treating these inflammatory disease conditions in animals in need, thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :13/08/1999

(43) Publication Date : 04/05/2007

(54) Title of the invention : AUTO DEEPER AND PARK LIGHT

(51) International classification	:B60Q21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARIKH KIRTIKUMAR BECHARDAS
(32) Priority Date	:NA	Address of Applicant :PARIKH CHAMBERS, NR. PILAJI GUNJ,
(33) Name of priority country	:NA	MEHSANA-384 001, Gujarat India
(86) International Application No	:NA	2)CHAUDHARY KACHARABHAI BHATHIBHAI
Filing Date	:NA	3)SUTHAR RASIKLAL ISHWARLAL
(87) International Publication No	: NA	4)SUTHAR BHADRESHKUMAR RASIKLAL
(61) Patent of Addition to Application Number	:NA	5)CHAUDHARY VEGHAJIBHAI VAHAJIBHAI
Filing Date	:NA	6)CHAUDHARY KARASANBHAI VISABJAI
(62) Divisional to to Application Number	:NA	7)SUTHAR ISHWARBHAI KALIDAS
Filing Date	:NA	8)CHAUDHARY VISABHAI SENDHABHAI
		9)PARIKH SUNILKUMAR JAYKUMAR
		(72)Name of Inventor :
		1)SUTHAR RASIKLAL ISHWARLAL

No of Pages : 26

No of Claims : 4

(57) Abstract :

This invention relates to auto dipper and park light. Inventor claims an invention of "A device and/or system call as SENSOR used as Auto Dipper switch as well as Auto park light switch. INVENTOR also claims of an invention of "CIRCUIT" AND AUTO DIPPER SWITCH to be use with sensor.

(54) Title of the invention : A device for closing and locking a container

(51) International classification	:B67D3/00
(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 to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Godrej & Boyce Mfg Co Ltd

Address of Applicant :Vikhroli (West), Mumbai 400079. Maharashtra India

(72)Name of Inventor :

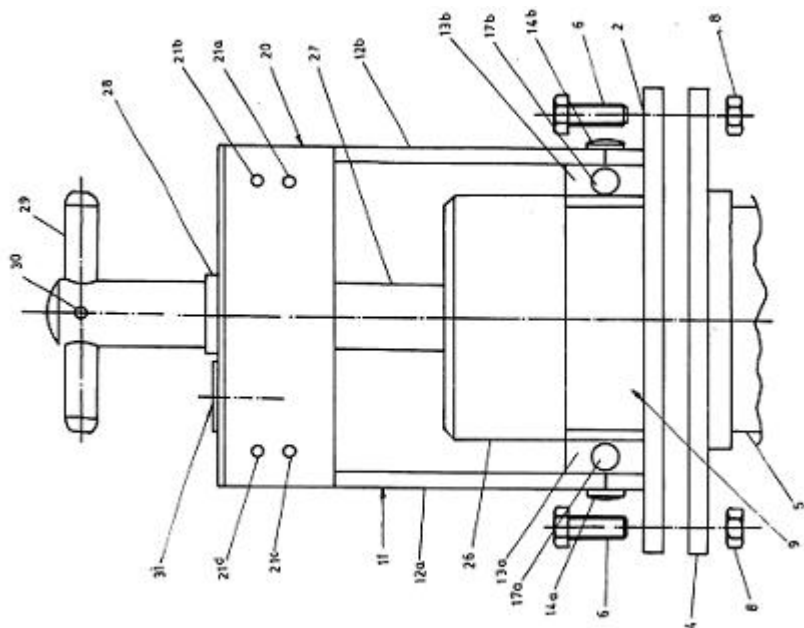
1)Thottuvai Sivasubramani Murali

No of Pages : 30

No of Claims : 10

(57) Abstract :

A device (1) for closing and locking a container. The device comprises a base flange (2) adapted to be fitted on the container and a pipe member (9) projecting upwardly from the base flange. A closure means for the pipe member comprises a frame 11 formed of a pair of spaced arms (12a, 12b). Each of the arms is vertically positioned on either side of the pipe member and hinged on the base flange. A cross member (20) is fitted at the upper ends of the arms. A cap (26) is aligned with and adapted to close the pipe member and provided with a stem rod (27) at the closed end thereof. The stem rod projects out through the cross member and is provided with a handle (29) at the distal end thereof. The stem rod is up and down movably and rotatably held in the cross member. A locking means comprising a pin tumbler lock (31) is fitted in the cross member adjacent to the stem rod. The inner end of the rotatable barrel (31a) of the tumbler lock is provided with a laterally extending cam (33) adapted to engage in a peripheral groove (34) in the stem rod and arrest up and down movement thereof



(12) PATENT APPLICATION PUBLICATION

(21) Application No.576/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :20/05/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF POLYLACTIC ACID (PLA) FROM RENWABLE FEEDSTOCKS

(51) International classification

:C07H21/00

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RELIANCE LIFE SCIENCES PRIVATE LIMITED

Address of Applicant :CHITRAKOOT, 2ND FLOOR, GANPATRAO
KADAM MARG, SHREE RAM MILLS COMPOUND, WORLI,
MUMBAI - 400 013, Maharashtra India

(72)Name of Inventor :

1) SONTI VENKATA RAMA KRISHNA

2) VIDHYA RANGASWAMY

3)DHARMEDNRA JAIN

4)RAJ KUMAR JAGDAMBALAL

5)PRADIP SHANTIBHAI PATEL

6)DEBOJYOTI KAR

7)SUBRMANIAN RAMACHANDRAN

No of Pages : 51

No of Claims : 30

(57) Abstract :

The present invention relates to an efficient process for producing Poly Lactic Acid from fermentation of renewable agricultural feed-stocks not limited to molasses or cane bagasse employed as starting material. The present invention in particular provides a cost effective, and industrially scalable process for producing Poly Lactic Acid obtained by fermentation of Lactic Acid having industrial applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.578/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :21/06/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : PHOSPHINE GENERATOR AND A SPECIAL METAL PHOSPHIDE FORMULATION FOR USE IN THE GENERATOR

(51) International classification	:C01B25/08
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHROFF RAJNIKANT DEVIDAS
Address of Applicant :202, PARSHURAM, 40 PALI HILL,
BANDRA, MUMBAI-400 050, Maharashtra India
(72)**Name of Inventor :**
1)SHROFF RAJNIKANT DEVIDAS

No of Pages : 8

No of Claims : 5

(57) Abstract :

An easily transportable device for generation of Phosphine Fumigant gas at a fumigation site and special formulation of Aluminium Phosphide suitable for use is described in this invention. The gas is generated from a special formulation of Aluminium Phosphide and in the process gets mixed with suitable amount of air. The proportion of phosphine and air, in the gas coming out of the device is controlled through a control panel which evaluates the content of the gas coming out of the device and controls the inflow of water and air so as to result in the desired concentration of Phosphine gas made available in the silo or in the grain storage warehouse which is to be fumigated.

(54) Title of the invention : ELECTROMAGNETIC AGITATION METHOD FOR CONTINUOUS CASTING OF METAL PRODUCTS HAVING AN ELONGATE SECTION

(51) International classification :B22D11/115
 (31) Priority Document No :0312555
 (32) Priority Date :27/10/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR04/002728
 Filing Date :22/10/2004
 (87) International Publication No :WO2005/044487A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ROTELEC

Address of Applicant :TOURS MERCURIALES, 40, Rue Jean Jaures, F-93170 BAGNOLET, France

(72)Name of Inventor :

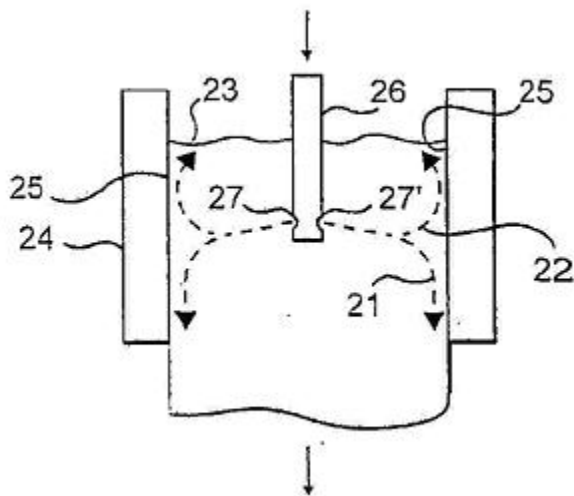
1)Siebo Kunstreich

No of Pages : 23

No of Claims : 10

(57) Abstract :

According to the invention, during a continuous slab casting operation wherein the metal melt is introduced into an ingot mould (1) by an immersed nozzle (4) having lateral discharge louvers (5,5') opening out opposite small walls (3,3'), agitation occurs involves moveable magnetic fields acting in pairs, at least in the secondary cooling area of the casting installation, sliding between themselves in a co-linear manner in opposite directions in order to force the establishment of a longitudinal median current in the liquid sink according to two antagonistic co-linear currents, producing an overall 4-leaf clover movement whereby the upper leaves (L1,L4) thereof extend in an ingot mould as far as the vicinity of the discharge jets (7,7â€™) of the discharge louvers of the nozzle in order to dampen or accelerate them as required. The invention results in overall agitation of the metal along the entire metallurgical height, thereby ensuring thermal and chemical homogeneity between the top and bottom of the liquid sink without having to forego the beneficial effects of, respectively, agitation in ingot moulds and secondary cooling and without disrupting, in fact by reinforcing, the manner of local discharge in the ingot mould.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : TEA BEVERAGE WITH IMPROVED FLAVOUR

(51) International classification :A23L 2/44

(31) Priority Document No :10/726,718

(32) Priority Date :03/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2004/012905

Filing Date :12/11/2004

(87) International Publication No :WO2005/053438A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZHANG Shi-Qiu

2)HAMM Donald Joseph

3)TOBIN John William

No of Pages : 14

No of Claims : 20

(57) Abstract :

The invention is directed to beverages with improved flavour. The beverages are not sour and have a monoprotic acidulant with a pKa of less than 2.6 and/or a polyprotic acidulant with a pKa₁ of less than 2.6 and a pKa₂ of less than 3 or greater than 6.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.607/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :28/06/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : VISUAL MELTING RANGE APPARATUS

(51) International classification	:G01N25/04	(71) Name of Applicant : 1)LABINDIA INSTRUMENTS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :201, NAND CHAMBERS, L. B. S. MARG,
(32) Priority Date	:NA	NEAR VANDANA CINEMA, THANE-400 602, Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SHRIKANT SHANKAR BAPAT
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 1

(57) Abstract :

A Visual melting Range Apparatus is a micro controller based instrument comprising of a box type enclosed furnace with flat top surface for placing the sample; a fan is provided at the base of furnace for cooling the same, A CCD camera is vertically placed on the top of the furnace; a reflector lamp is provided angularly at 45° on the sample with controlled brightness; a video monitor is also provided to view the clear image of the sample; the entire operations are controlled by the central processing unit and the printer provides the necessary prints of calibration and accurate, precision and repeatable results.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :27/05/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMPOSITION OF AGRICULTURAL SUPRAY OIL

(51) International classification	:C10G33/04	(71)Name of Applicant : 1)INDIAN OIL CORPORATION LIMITED Address of Applicant :G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400051, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Pankaj Bhatnagar
(33) Name of priority country	:NA	2)Naveen Kumar Pokhriyal
(86) International Application No	:NA	3)Natarajan Sivasurian
Filing Date	:NA	4)Prabhakar Deshmukh
(87) International Publication No	: NA	5)Kandisseril Chellappan Jayaprakash
(61) Patent of Addition to Application Number	:NA	6)Babu Ram Tyagi
Filing Date	:NA	7)Ravinder Kumar Malhotra
(62) Divisional to to Application Number	:NA	8)Ram Prakash Verma
Filing Date	:NA	9)Niranjan Reghunath Raje
		10)Ashok Kumar Tiwari

No of Pages : 36

No of Claims : 9

(57) Abstract :

The invention relates to an agricultural spray oil composition comprising paraffinic base oil and emulsifiers for controlling pests and diseases in tea gardens, various plantations, fruit orchards etc. The said composition is based on C16-C18 alcohol poly glycol ether along with other emulsifiers.

(54) Title of the invention : METHOD AND SYSTEM FOR PREPARING TISSUE SAMPLES FOR HISTOLOGICAL AND PATHOLOGICAL EXAMINATION

(51) International classification :A01N
 (31) Priority Document No :60/259,418
 (32) Priority Date :02/01/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US01/49595
 Filing Date :28/12/2001
 (87) International Publication No :WO02/076203A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

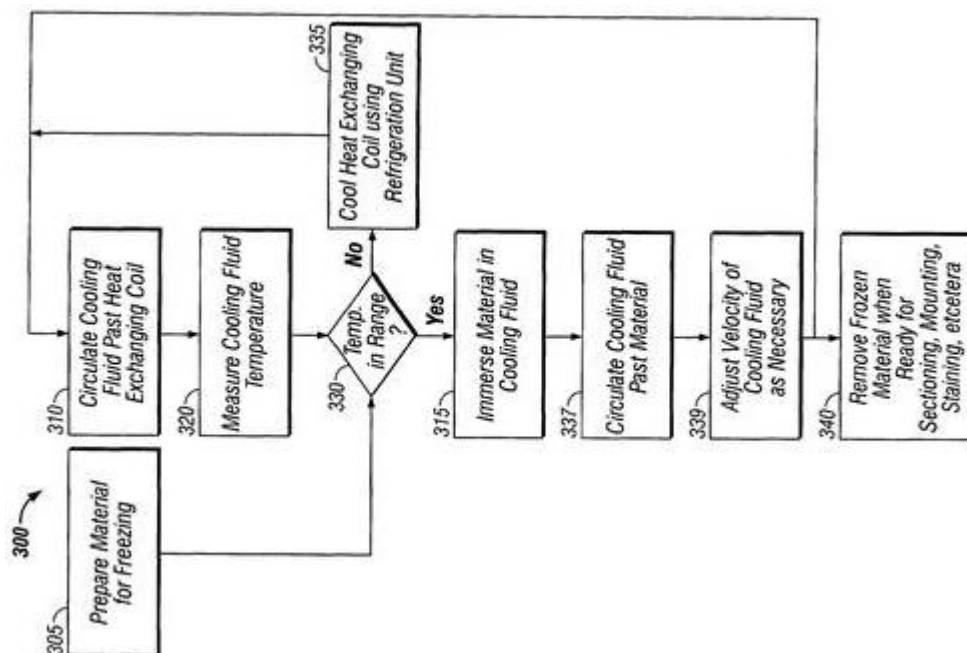
(71)Name of Applicant :
1)SUPACHILL TECHNOLOGIES PTY.LTD.
 Address of Applicant :67 KORONG ROAD, WEST HEIDELBERG,
 VICTORIA 3081, Australia
 (72)Name of Inventor :
1)PRIEN, SAMUEL, D.
2)BLANTON, JOHN
3)WOOD, BRIAN
4)CASSELL, ALLAN, J.

No of Pages : 33

No of Claims : 39

(57) Abstract :

Viable biological material is cryogenically preserved (cryopreservation) by immersing the material in a tank of cooling fluid, and circulating the cooling fluid past the material at a substantially constant predetermined velocity and temperature to freeze the material. The material may either be directly plunged into the cooling fluid without preparation, or chemically prepared prior to freezing. A method according to the present invention freezes the biologic material quickly enough to avoid the formation of ice crystals within cell structures (vitrification) and allows the samples to maintain anatomical structure and remain biochemically active after thaw. The temperature of the cooling fluid is preferably between -20 degrees centigrade and -30 degrees centigrade, which is warm enough to minimize the formation of stress fractures and other artefacts in cell membranes due to thermal changes. Cells frozen using a method according to the present invention have been shown to have a significantly less cellular and intercellular damage than cells frozen by other cryopreservation methods used for pathological and histological techniques. Because the present invention can freeze biological material such that the material is vitrified, biochemical activity within the cell is not lost after freezing and thus various embodiments of the present method may be employed in a system to prepare biological material for the newer techniques of cryopathology and immunohistochemistry in the areas of research and patient care.



(54) Title of the invention : PROCESS FOR THE PREPARATION OF TAZAROTENE

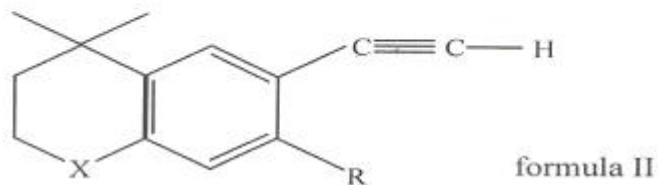
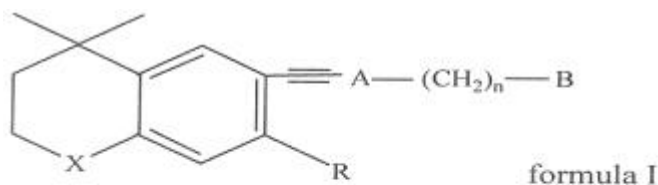
(51) International classification	:C07D335/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GLENMARK PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22,
(33) Name of priority country	:NA	BHULABHAI DESAI ROAD, POST BOX NO. 26511 MUMBAI - 400
(86) International Application No	:NA	026, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BOBBA VENKTA SIVA KUMAR
(61) Patent of Addition to Application Number	:NA	2)SHEKHAR BHASKAR BHIRUD
Filing Date	:NA	3)BATCHU CHANDRASEKHAR
(62) Divisional to to Application Number	:NA	4)CHANGDEV NAMDEV RAUT
Filing Date	:NA	

No of Pages : 32

No of Claims : 37

(57) Abstract :

A process for the preparation of a disubstituted acetylene bearing heteroaromatic and heterobicyclic groups of formula I is provided wherein X is S, O, or NR¹ wherein R¹ is hydrogen or a C₁-C₆ straight or branched alkyl group; R is hydrogen or a C₁-C₆ straight or branched alkyl group; A is substituted or unsubstituted pyridinyl, thienyl, furyl, pyridazinyl, pyrimidinyl or pyrazinyl group; n is 0-4; and B is H, -COOH, -CH₂OH, -CHO or a C₁-C₆ alkyl acetal derivative, -COR² or a C₁-C₆ alkyl ketal derivative where R² is -(CH₂)_mCH₃ where m is 0-4 or COOR³ wherein R³ is a straight or branched C₁-C₃₀ alkyl group, a substituted or unsubstituted C₆-C₃₀ aromatic group, a substituted or unsubstituted C₃-C₃₀ cycloalkyl, a substituted or unsubstituted C₃-C₃₀ cycloalkenyl, a substituted or unsubstituted C₅-C₃₀ heteroaryl, a substituted or unsubstituted C₅-C₃₀ arylalkyl, a substituted or unsubstituted C₅-C₃₀ heteriaryl, a substituted or unsubstituted C₃-C₃₀ heterocyclic ring, a substituted or unsubstituted C₄-C₃₀ heterocyclalkyl, substituted or unsubstituted C₆-C₃₀ heteroarylalkyl, the process comprising a Sonogashira coupling reaction between a compound of formula II wherein X and R have the aforesated meanings, with a compound of formula III X'-A-(CH₂)_n-B (III) wherein X' is halogen and A, n and B have the aforesated meanings, in the presence of a base and a transition metal catalyst and in a aprotic solvent



(54) Title of the invention : LIQUID-FILLED CONFECTIONERY COMPOSITIONS

(51) International classification	:A23G 3/00
(31) Priority Document No	:0326492.6
(32) Priority Date	:14/11/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004807
Filing Date	:15/11/2004
(87) International Publication No	:WO 2005/048728A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

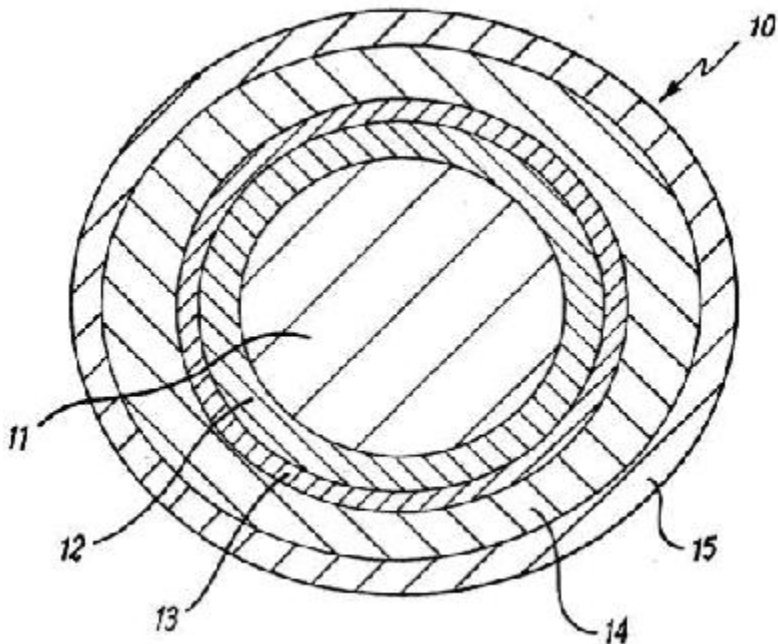
1)BOUDY, Francois**2)BUSOLIN, Andre****3)MENANTEAU, Stephanie****4)QUINTARD, Didier**

No of Pages : 20

No of Claims : 23

(57) Abstract :

This invention concerns a liquid-filled confectionery composition (10), comprising a liquid-containing core (11, 12), an outer layer of confectionery coating (14, 15), and an intermediate protective layer (13) between the core (11, 12) and outer layer (14, 15). The liquid-containing core consists of a liquid (11) contained within a water soluble or biodegradable matrix (12). The edible water impermeable intermediate layer (13) is applied in alcohol and prevents the movement of water between the core (11, 12) and the outer layer (14,15), thereby preventing the core (11,12) from drying out.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.702/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :12/10/1999

(43) Publication Date : 04/05/2007

(54) Title of the invention : A YIELD ADDER SOLAR COLLECTOR

(51) International classification	:F24J2/10
(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 to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PANSE SUDHIR VISHNU

No of Pages : 13

No of Claims : 5

(57) Abstract :

According to this invention. The solar collector consists of a number of reflector units, each unit having property that it can add two parallel beams travelling along perpendicular directions into a single parallel beam of greater intensity and much reduced area of cross-section, travelling along one of the said two directions. Each unit essentially consists of three confocal, parabolic reflectors with two of them having a common axis; and the third having an axis perpendicular to it. There are opening at proper positions for incoming and outgoing radiations. Specifications of reflectors constituting the units are described with diagrams, and also their exemplary embodiments. The units are mounted sequentially on a base such that each unit adds solar radiation incident on it to the output yield of the solar radiation incident on the preceding unit; and in turn gives its output yield in the form of a compressed parallel beam. The object to be heated is placed near the last unit, on or near the said base. The base is attached to a rotating mechanism, so that the whole system can be rotated slowly for the purpose of solar tracking. The area of this solar collector can be increased simply by adding without and more to it. Thus, the collector can cover a large area without becoming bulky. Also, since all units and the object to be heated are nearly at the same level, the mounting and the mechanism of solar tracking are particularly simple.

(54) Title of the invention : OPTICAL COMMUNICATION NETWORK AND COMPONENT THEREFORE

(51) International classification	:H04B 10/08
(31) Priority Document No	:10360788.9
(32) Priority Date	:23/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/053441
Filing Date	:14/12/2004
(87) International Publication No	:WO2005/064826A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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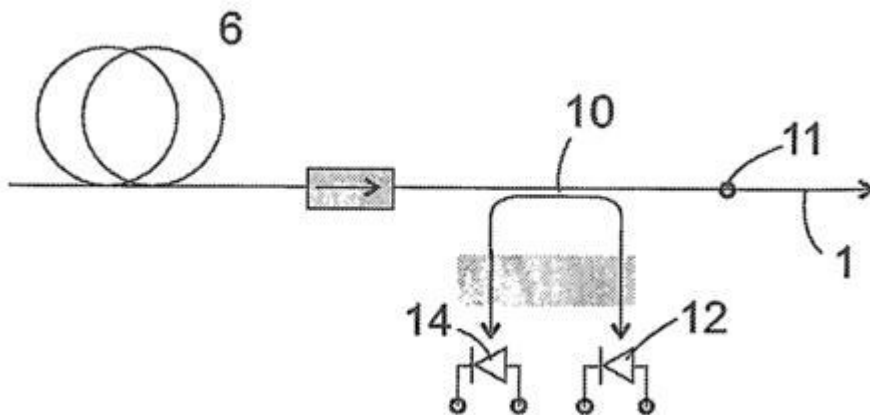
(72)**Name of Inventor :**
1)PEGG, Steven, Ian
2)POIRRIER, Julien, Nicholas, Vincent
3)PACKHAM, Robert, Richard
4)FEWS, Hayden, Scott

No of Pages : 18

No of Claims : 13

(57) Abstract :

A Component for an optical communication network comprises a source (6) for an optical communication signal, an output port (11) for outputting the optical communication signal on an optical transmitting fibre (1), a light sensor (14; 15) and an optical circulator (9) for transmitting the optical communication signal from the source (6) to the output port (11) and for transmitting light reflected or received from outside at the output port (11) to the light sensor (14; 15). The light sensor (14, 15) has an evaluation circuit (13) connected to it for detecting a time delay between a time marker of a light signal from the source and the corresponding time marker of the light arriving at the light sensor (14; 15).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :15/12/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : 4-[PHENYL-(PIPERAZINYL-METHYL)BENZAMIDE DERIVATIVES

(51) International classification	:C07D223/94 ; C07D295/155	(71) Name of Applicant : 1)AstraZeneca AB Address of Applicant :S-151 85 Sodertalje, Sweden
(31) Priority Document No	:0101772-2	(72) Name of Inventor :
(32) Priority Date	:18/05/2001	1)WILLIAM BROWN
(33) Name of priority country	:Sweden	2)CHRISTOPHER WALPOLE
(86) International Application No	:PCT/SE02/00956	3)NIKLAS PLOBECK
Filing Date	:16/05/2002	
(87) International Publication No	:WO02/094794A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:01011/mumnp/2003	
Filed on	:03/11/2003	

No of Pages : 32

No of Claims : 8

(57) Abstract :

Compounds of general formula I R¹ is selected from any one of phenyl, pyridinyl, thienyl, furanyl, imidazolyl, pyrrolyl, triazolyl, thiazolyl, and pyridine N-oxide; R² is independently selected from ethyl and isopropyl; R³ is independently selected from hydrogen and fluoro; R⁴ is independently selected from -OH, -NH₂ and -NHSO₂R⁵; and R⁵ is independently selected from hydrogen, -CF₃ and C₁-C₆ alkyl, or salts thereof or separate enantiomers and salts thereof; where each R¹ heteroaromatic ring may optionally and independently be further substituted by 1, 2 or 3 substituents selected from straight and branched C₁-C₆ alkyl, NO₂, CF₃, C₁-C₆ alkoxy, chloro, fluoro, bromo, and iodo. The substitutions on the heteroaromatic ring may take place in any position on said ring systems; are disclosed and claimed in the present application, as well as separate enantiomers of the compounds and salts and pharmaceutical compositions comprising the novel compounds and their use in therapy, in particular in the management of pain, anxiety and functional gastrointestinal disorders

(51) International classification :G06F 17/60
 (31) Priority Document No :60/523,702
 (32) Priority Date :21/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/001953
 Filing Date :19/11/2004
 (87) International Publication No :WO2005/050497A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

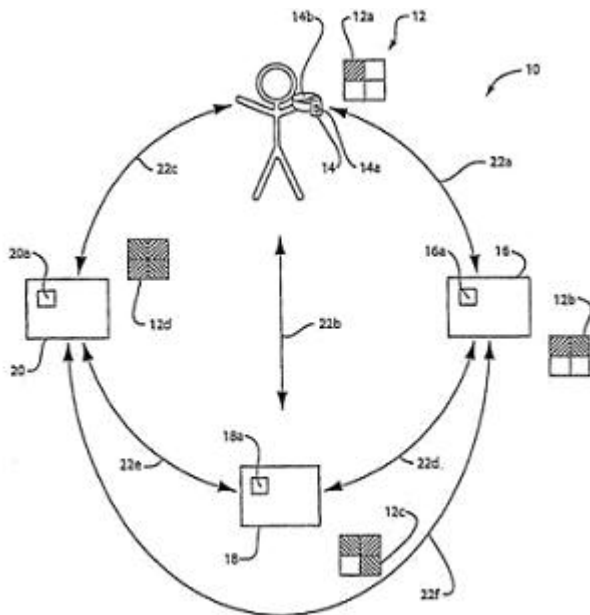
1)Bernard C.B.Lim**2)Taras Worona****3)Davis A.R.Kanbergs****4)Roy T.Zhao****5)Mark Paul Costa****6)Gabriele Klein****7)Kathleen Chancellor-Maddison****8)David G.Matsuura****9)John Norris Mitchell****10)Hao Chen****11)Philip J.Simpson**

No of Pages : 31

No of Claims : 39

(57) Abstract :

A medical treatment process and system, in which a patient fluid is subjected to extracorporeal handling and treatment prior to administration to the patient, is provided. The system includes two or more treatment units which successively handle the fluid, and a token associated with the patient. The token includes a patient identification and, as the treatment proceeds, more information is added to the token as the fluid moves around the system until the token contains a record of the treatment conducted on the sample, the times of various treatments, and a verification that treatment has been conducted in accordance with pre-determined criteria. The token, provided it contains information verifying the identity of the patient and treatment according to specification, allows administration of the treated fluid to the patient and provides an audit record of the treatment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.731/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :08/07/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE TREATMENT OF ARSENIC CONTAMINATED GROUNDWATER

(51) International classification	:C02F1/42	(71) Name of Applicant : 1)AGHARKAR RESEARCH INSTITUTE OF MAHARASHTRA ASSOCIATION FOR THE CULTIVATION OF SCIENCE Address of Applicant :G. G. AGARKAR ROAD, PUNE - 411 004., Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KISHORE MADHUKAR PAKNIKAR
(33) Name of priority country	:NA	2)MOKASHI SONALI AJAY
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 6

(57) Abstract :

A process for removing arsenic from groundwater comprising the steps of: (a) filling a glass or PVC column having height to width ratio of 3:1 - 4:1 with rigid porous elements in sizes ranging between 2-3 cm, pouring the log phase culture of an arsenic oxidizing bacteria having 108- 109 cells per ml in the column so as to submerge all the said elements, aerating the said column for 24 h, and draining the culture off the column (b) repeating the steps in (a) so as to obtain a visible film of the culture on elements to achieve immobilization of the culture on the said elements; (c) adding at least 0.025 g % of a carbon nutrient in the water contaminated with As (III) in the range of 25 - 1500 ppb and adjusting the pH in the range of 6.0 - 8.0, passing the said water through the column having immobilized bacteria; (d) regulating the flow rate of arsenic contaminated water in step (c) so as to provide adequate contact time of at least 10 minutes for complete oxidation of As(III) to As(V); (e) removing As(V) from the water by a known process such as adsorption and precipitation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/MUMNP/2003 A

(19) INDIA

(22) Date of filing of Application :26/08/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOISE SUPPRESSION

(51) International classification :G10L 21/02
(31) Priority Document No :0101157.6
(32) Priority Date :30/03/2001
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE02/00534
Filing Date :20/03/2002
(87) International Publication No :WO 02/080149
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

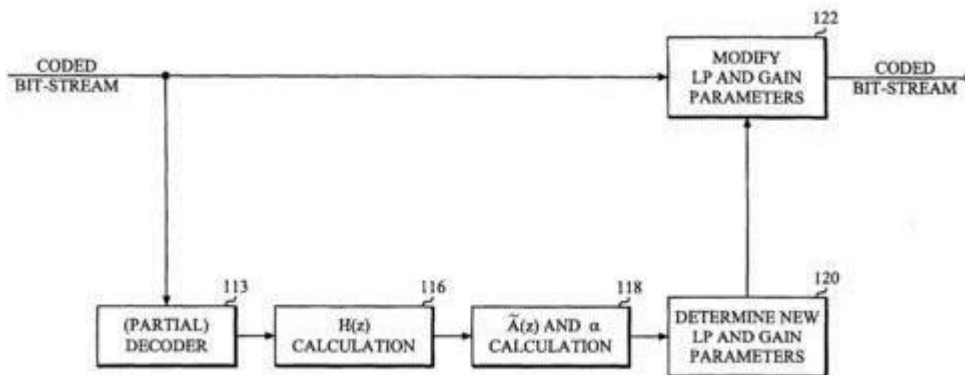
(71)**Name of Applicant :**
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Address of Applicant :S-126 25 STOCKHOLM, Sweden
(72)**Name of Inventor :**
1)ANDERS ERIKSSON
2)TONU TRUMP

No of Pages : 23

No of Claims : 14

(57) Abstract :

A network noise suppressor includes means (113) for partially decoding a CELP coded bit-stream. Means (116) determine a noise suppressing filter $H(z)$ from the decoded parameters. Means (118, 120) use this filter to determine modified LP and gain parameters. Means (122) overwrite corresponding parameters in the coded bit-stream with the modified parameters.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :05/08/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : A SOLAR ADVERTISING SIGN BOARD-CUM-AIR CLEANER

(51) International classification	:E01F9/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MOHAN DEWAN
(32) Priority Date	:NA	Address of Applicant : "MOHAN VILLA", 1147-B, Shivajinagar, Pune
(33) Name of priority country	:NA	411 016, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOHAN DEWAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 8

(57) Abstract :

A solar advertising sing board-cum-air cleaner comprising of a frame, adopted for mounting on a pole or an advertisement site, the said frame supporting at least one advertisement panel at the front face, a back panel, a pair of side panels a bottom panel and a top panel forming a box like structure, at least one solar panel provided on the front face panel or at the top panel for illuminating the advertising material during the daytime and collecting, storing and converting the solar energy into electrical energy, for illuminating the advertising material during night and for driving at least, an exhaust fan, provided in the upper portion of the box, an opening provided in the bottom panel and/or the lower portion of the back and the side panel/s, forming atmospheric air inlet, an opening or openings provided in the upper portion of the back panel and /or side panel1/s forming cleaned air outlet, an air cleaner cartridge containing air filtering media, provided removably, inside the box above the bottom panel and below the exhaust fan.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.899/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :19/08/2004

(43) Publication Date : 04/05/2007

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

(51) International classification	:A61N1/37	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CADILA PHARMACEUTICALS LTD.
(32) Priority Date	:NA	Address of Applicant : "CADILA CORPORATE CAMPUS",
(33) Name of priority country	:NA	SARKHEJ-DHOLKA ROAD, BHAT, AHMEDABAD 382210, Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)BAKULESH MAFATLAL KHAMAR
(61) Patent of Addition to Application Number	:NA	2)INDRAVADAN AMBALAL MODI
Filing Date	:NA	3)ABHAYKUMAR HIRACHAND CHHEDA
(62) Divisional to to Application Number	:NA	4)DILIP KHATRI
Filing Date	:NA	5)NARENDRA TILAKDHARISINGH YADAV

No of Pages : 8

No of Claims : 7

(57) Abstract :

The invention relates to a process for the preparation of carvedilol (1-(9H-carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy) ethyl]amino]-2-propanol) of 99% purity and in yield >55%, in the reaction of 4-(oxyran-2-ylmethoxy)-9H-carbazole with 2-(2-Methoxyphenoxy)-ethylamine, which comprises carrying out said reaction in 1,4-dioxane as a solvent, wherein said ethylamine is at a molar excess over said carbazole

(12) PATENT APPLICATION PUBLICATION

(21) Application No.927/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/08/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SPUTTERING TARGET AND OPTICAL INFORMATION RECORDING MEDIUM AND MANUFACTURING METHOD THEREOF

(51) International classification	:C04B35/457	(71)Name of Applicant :
(31) Priority Document No	:2004-039139	1)NIPPON MINING & METALS CO., LTD
(32) Priority Date	:17/02/2004	Address of Applicant :10-1,Toranomon 2-chome, Minato-ku, Tokyo
(33) Name of priority country	:Japan	105-0001, Japan
(86) International Application No	:PCT/JP2004/010804	(72)Name of Inventor :
Filing Date	:29/07/2004	1)Hideo Takami
(87) International Publication No	:WO2005/078153A1	2)Masataka Yahagi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 6

(57) Abstract :

A sputtering target characterized in that it is comprised of an $\text{In}_2\text{O}_3\text{-ZnO-SnO}_2$ composite oxide whose main component is SnO_2 compounded with any one or both of SiO_2 and B_2O_3 oxides. There is provided a thin film for optical information recording medium (especially used a protective film) that is stable in film amorphous properties, realizes high film forming speed, excels in adherence with recording layer and mechanical properties and is high in transmittance and that by effecting nonsulfide constitution, can suppress deterioration of adjacent reflective layer and recording layer. Further, there are provided a process for producing the same and a sputtering target for use therein. Accordingly, not only can the performance of optical information recording medium, the productivity can also be considerably improved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.942/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :30/08/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONDITIONING COMPOSITIONS

(51) International classification	:A61Q5/12 C11D3/37
(31) Priority Document No	:09/357454
(32) Priority Date	:20/07/1999
(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	:585/MUM/1999
Filed on	:18/08/1999

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(72)**Name of Inventor :**

1)PYLES DANIEL RAYMOND

No of Pages : 33

No of Claims : 15

(57) Abstract :

A method of imparting improved conditioning properties to hair comprising treating the hair with a conditioning composition comprising a silicone compound having at least one quaternary ammonium moiety and ethoxylated monoalkyl quat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :01/11/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : IMPROVED STAINLESS STEEL AIR TIGHT & LEAK PROOF CONTAINER

(51) International classification	:B65D1/00	(71) Name of Applicant : 1)DHIRAJLAL HEMATLAL GATHANI Address of Applicant :326, VIJAY INDUSTRIAL ESTATE, S. T. WORKSHOP ROAD, NR. BHIKSHUKHGRUH, ODHAV, AHMEDABAD 382 415, Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)DHIRAJLAL HEMATLAL GATHANI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 2

(57) Abstract :

An improved stainless steel air tight & leak proof container comprises a conical base (1) & upper lid (2) closet by multiple locking means (3); the said locking means comprises a bow springs (4) which inits open position will be removed from the notch of the lid which is generally a curved flange position (5) which is position over the outwardly flunge circumference of the upper edge of the conical container; the said bow spring is held at the curve position of the lid & urge against the bottom spring portion which is secured attached in the flunge portion of the bottom conical base (6) thereby fastening the lid against the container top in air tight & leak proof manner. By means of flunge rubber gasket lined inside the lid so as to cover the rim of the stainless steel air tight & leak proof container; their being provided with spring loaded locking means secured attached to the rim of the container for locking the lid with the container for locking the lid with the container alongwith lever with handle fitted on the container to lift the lid by pushing by the lever.

(54) Title of the invention : METHOD AND APPARATUS FOR TWISTING A COATED OPTICAL FIBER DURING DRAWING FROM A PREFORM

(51) International classification :C03B 37/03
 (31) Priority Document No :98202098
 (32) Priority Date :24/06/1998
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP99/04292
 Filing Date :22/06/1999
 (87) International Publication No :WO 99/67180
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

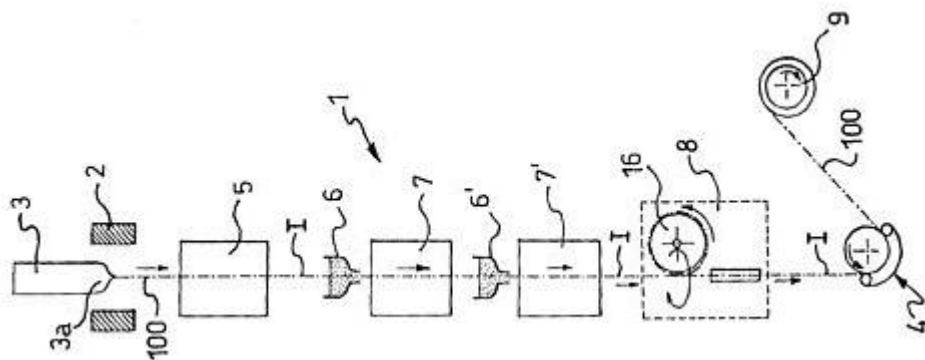
(71)Name of Applicant :
1)PIRELLI CAVI E SISTEMI S.P.A
 Address of Applicant :AN LTALIAN COMPANY OF VIALE SARCE
 222, I-20126 MILANO Italy
 (72)Name of Inventor :
1)GIACOMO STEFANO ROBA
2)ROBERTO PATA

No of Pages : 26

No of Claims : 10

(57) Abstract :

A method for manufacturing an optical fiber (100) having low PMD, comprises the steps of: a) heating at least one end portion (3a) of a preform (3); (b) drawing an optical fiber (100) from a free end of said heated end portion (3a) along a fiber drawing axis (I-I); c) coating said optical fiber (100) with a suitable coating material; d) applying to said coated optical fiber (100) a torque about said fiber drawing axis (I-I); e) winding said coated optical fiber (100) onto a collecting spool (9). According to the invention, step d) is carried out by means of a pulley (16) supported upstream of said collecting spool (9) and rotated about the fiber drawing axis (I-I), said optical fiber (100) being wound up onto said pulley (16) for an angle of at least about 360 °. Advantageously, such method also allows to notably increase the amount of optical fiber produced per unit of time with respect to the prior art. Disclosed is also an apparatus for carrying out the method and a device for applying torque to the fiber comprising a pulley



(54) Title of the invention : AN APPARATUS FOR CONTROLLING VOLTAGE-CHARGE CONTROLLED POWER SEMICONDUCTOR DEVICES

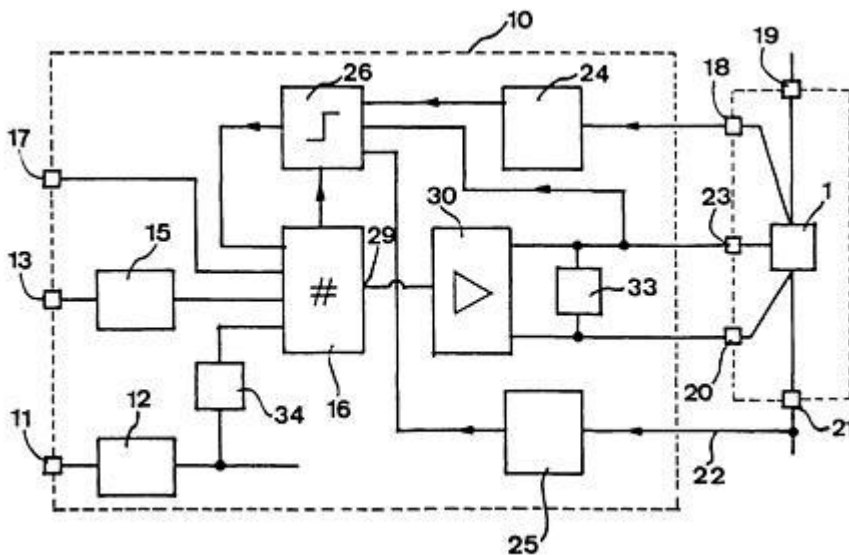
(51) International classification	:H02M 1/08	(71) Name of Applicant :
(31) Priority Document No	:9802712-1	1)DAIMLERCHRYSLER AG
(32) Priority Date	:12/08/1998	Address of Applicant :EPPLESTRASSE 225, DE-70567
(33) Name of priority country	:Sweden	STUTTGART, Germany
(86) International Application No	:PCT/SE99/01359	(72) Name of Inventor :
Filing Date	:11/08/1999	1)WALDEMAR A BELWON
(87) International Publication No	:WO 00/10243	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 18

(57) Abstract :

An apparatus for controlling voltage-charge controlled power semiconductor devices in equipments for converting electric power comprises members (18-25) adapted to detect selected parameters describing the function of the power semiconductor device through the connection to the power semiconductor device. The apparatus has also means (26) adapted to compare the value of the selected function parameters detected with reference levels thereof, a programmable circuit (16) adapted to generate said reference levels for comparison and process data resulting from the comparison so as to on the basis thereof on its output deliver a digital signal corresponding to an order of a predetermined current level to or from the gate of the device, and a current stiff amplifier (30) being digitally controlled and adapted to receive the digital signal from the programmable circuit and on the basis thereof generate a current to or from the gate of the power semiconductor device with said predetermined current level for controlling the device.



(54) Title of the invention : SYSTEM AND METHODS FOR CONTROL OF PUMPS

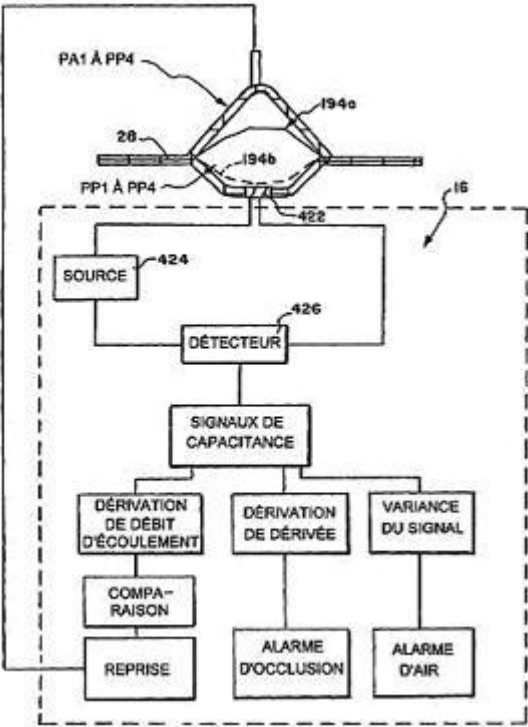
(51) International classification	:F04B 49/00	(71)Name of Applicant :
(31) Priority Document No	:09/390,491	1)BAXTER INTERNATIONAL INC
(32) Priority Date	:03/09/1999	Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD,
(33) Name of priority country	:U.S.A.	ILLINOIS, 60015, U.S.A.
(86) International Application No	:PCT/US00/23791	(72)Name of Inventor :
Filing Date	:29/08/2000	1)ABINASH NAYAK
(87) International Publication No	:WO 01/18395 A1	2)JAMES D. JACOBSON
(61) Patent of Addition to Application Number	:NA	3)TOM WESTBERG
Filing Date	:NA	4)WILLAM E. BRACH
(62) Divisional to to Application Number	:NA	5)RICHARD MULLEN
Filing Date	:NA	6)CLEMENT L. YU
		7)RICHARD L. BROWN

No of Pages : 187

No of Claims : 61

(57) Abstract :

Systems and the related methods for the pumping of fluids through a pump. The pump comprises a pump chamber (PPN), which is responsive to applied pressures to convey fluid. The systems and methods employ control measures, implemented through the controller (16), to monitor fluid flow through the pump, using either gravimetric (246) or electrical field sensing.



(54) Title of the invention : SELF-CONTAINED, TRANSPORTABLE BLOOD PROCESSING DEVICE

(51) International classification :A61M1/02
 (31) Priority Document No :09/390,489
 (32) Priority Date :03/09/1999
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US00/23718
 Filing Date :29/08/2000
 (87) International Publication No :WO01/17584A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

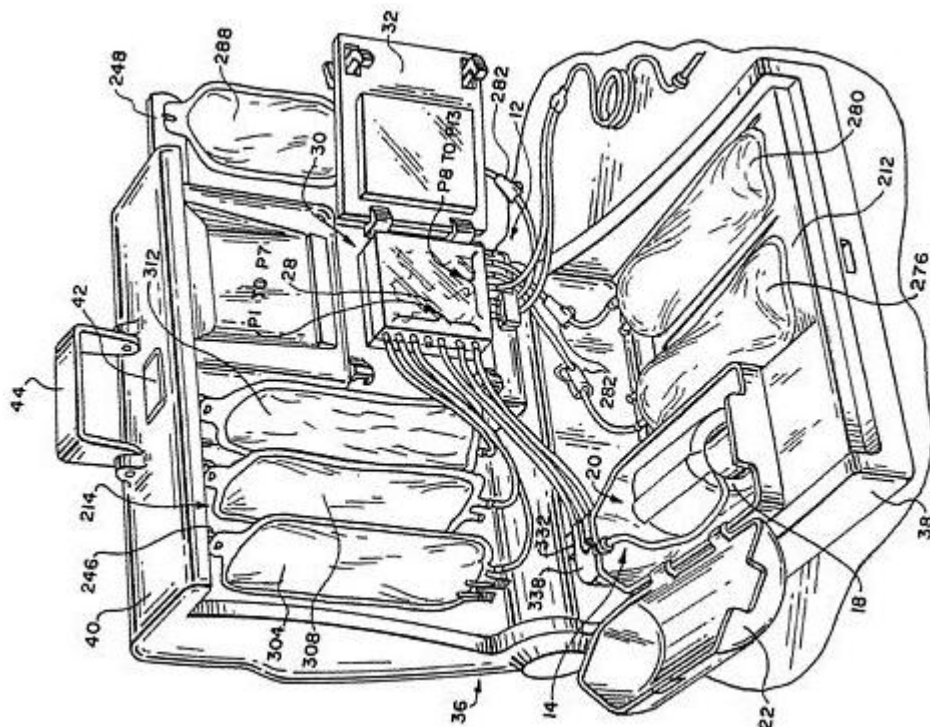
(71)Name of Applicant :
1)BAXTER INTERNATIONAL INC.
 Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD,
 ILLINOIS, 60015, U.S.A.
 (72)Name of Inventor :
1)SANDRA THOM
2)TOM WESTBERG
3)JAMES W. KENDALL

No of Pages : 172

No of Claims : 6

(57) Abstract :

A blood processing device is self-contained within a case (36) sized to enable hand transport. Self-contained in the case (36) is a blood separation device (18), which, for example, can comprise a centrifuge (20). A controller (16) is also self-contained in the case (36). The controller (16) includes a control program for carrying out one or more blood processing procedures. A fluid processing system (10) employs a cassette (28) containing preformed, fluid pressure actuated pump stations (PP1-PP4) and valves (V1-V23), and preformed fluid flow paths. A fluid pressure actuator (30) in the case (36) holds the cassette (28) and selectively applies fluid pressure force to the valves and pump stations in response to the control program.



(54) Title of the invention : METHODS AND SYSTEMS FOR CODING OF BROADCAST MESSAGES

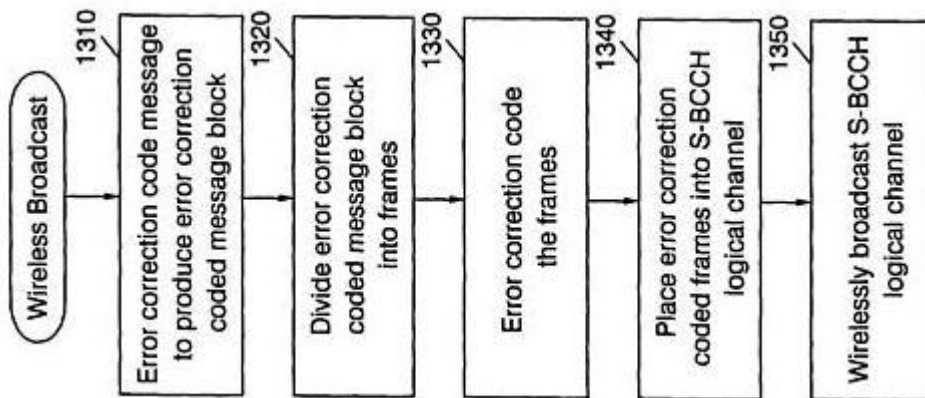
(51) International classification	:H04L 1/00, H04Q7/38	(71)Name of Applicant : 1)ERICSSON INC
(31) Priority Document No	:09/235,469	Address of Applicant :7001 DEVELOPMENT DRIVE, P.O. BOX
(32) Priority Date	:22/01/1999	13969, RESEARCH TRIANGLE PARK, NORTH CAROLINA 27709,
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US99/29689	(72)Name of Inventor :
Filing Date	:13/12/1999	1)ALEX KRISTER RAITH
(87) International Publication No	:WO 00/44122 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 90

No of Claims : 83

(57) Abstract :

A message is wirelessly broadcast to wireless terminals by error correction coding the message to produce an error correction coded message block, dividing the error correction coded message block into frames and error correction coding the frames to produce error correction coded frames. The error correction coding frames are wirelessly broadcast to the wireless terminals. At the wireless terminals, the frames are received and the frames are error correction decoded to produce error correction decoded frames. The error correction decoded frames are combined into a message block, and the message block is error correction decoded to produce the message. By error correction coding the entire message in addition to error correction coding the frames of the message, long messages may be reliably broadcast and received notwithstanding fading and the other problems in the transmission. Accordingly, a broadcast channel that is designed for short message usage also may be used to reliably transmit long messages. The invention may, for example, be applicable to a TDMA system that includes a Digital Control Channel (DCCH) having a short message Service Broadcast Control Channel (S-BCCH) logical channel. The error correction coded frames are placed in the S-BCCH logical channel. The S-BCCH logical channel is then wirelessly broadcast to the radiotelephones in a plurality of TDMA time slots.



(54) Title of the invention : EPOTHILON DERIVATIVES, METHOD FOR THE PRODUCTION AND THE USE THEREOF AS PHARMACEUTICALS

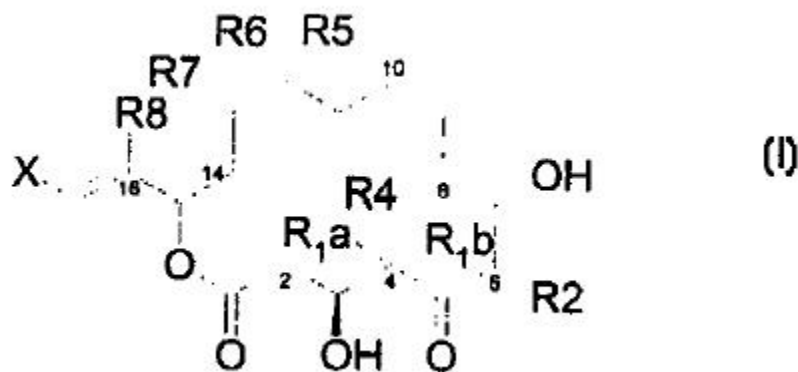
(51) International classification	:C07D 493/00	(71)Name of Applicant :
(31) Priority Document No	:199 07 480.1	1)SCHERING AKTIENGESELLSCHAFT
(32) Priority Date	:11/02/1999	Address of Applicant :MULLERSTRASSE 178, D-13353 BERLIN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP00/01104	(72)Name of Inventor :
Filing Date	:11/02/2000	1)ULRICH KLAR
(87) International Publication No	:WO 00/47584	2)WERNER SKUBALLA
	A2	3)BERND BUCHMANN
(61) Patent of Addition to Application Number	:NA	4)WOLFGANG SCHWEDE
Filing Date	:NA	5)MICHAEL SCHIRNER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 192

No of Claims : 16

(57) Abstract :

The invention relates to the novel epothilon derivatives of general formula (I) wherein R^4 is hydrogen, C_1 - C_{10} alkyl, aryl, C_7 - C_{20} aralkyl, R^5 is hydrogen, C_1 - C_{10} alkyl, aryl, C_7 - C_{20} aralkyl, R^6 , R^7 are each a hydrogen atom, or together an additional bond or an oxygen atom, R^8 is a methyl group or hydrogen, and simultaneously R^{1a} and R^{1b} together represent a trimethylene group and X is a 2-pyridyl, 2-methyl-4-thiazolyl or 2-methyl-4-oxazolyl residue or simultaneously R^{1a} and R^{1b} together represent a trimethylene group, R^2 is a methyl, ethyl or propyl group and X is a 2-pyridyl, 2-methyl-4-thiazolyl or 2-methyl-4-oxazolyl residue or simultaneously R^{1a} and R^{1b} each represents a methyl group, R^2 is a methyl, ethyl or propyl residue and X is a 2-pyridyl, 2-methyl-4-thiazolyl or 2-methyl-4-oxazolyl residue, wherein the nitrogen and/or sulfur atom in X can be present in oxidized form and, if R^2 and R^8 each means a methyl residue, X can only be a 2-pyridyl residue which is optionally oxidized at the nitrogen atom, including all possible stereoisomers and their mixtures. The novel compounds are useful for producing medicaments



(54) Title of the invention : MICROPOROUS FILTER MEMBRANE, METHOD OF MAKING MICROPOROUS FILTER MEMBRANE AND SEPARATOR EMPLOYING MICROPOROUS FILTER MEMBRANE

(51) International classification :B01D61/00,B01D67/100
 (31) Priority Document No :09/457,173
 (32) Priority Date :08/12/1999
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US00/32932
 Filing Date :05/12/2000
 (87) International Publication No :WO01/041905A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD, ILLINOIS, 60015, U.S.A.

(72)Name of Inventor :

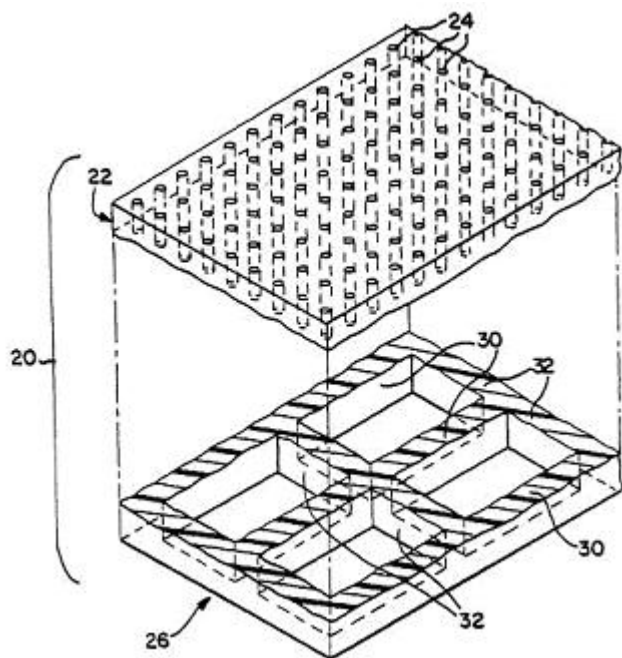
1)JAMES D. JACOBSON

No of Pages : 73

No of Claims : 102

(57) Abstract :

A filter membrane, methods of making such filter membrane and apparatus employing such filter membrane are disclosed, in which the filter membrane is a monolithic polymeric membrane (20) that includes a polymeric filter layer (22) including a micro-scale precision-shaped pores (24) and a polymeric support layer (26) that has a precision-shaped porous support for the filter layer. Several methods are disclosed for making such a membrane using micromachining technique, including lithographic, laser ablation and x-ray treatment techniques. Several filter apparatuses employing such a membrane are disclosed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00998/MUM A

(19) INDIA

(22) Date of filing of Application :28/08/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : FUEL COMPOSITION RECYCLED FROM WASTE STREAMS

(51) International classification	:C10L1/32	(71) Name of Applicant :
(31) Priority Document No	:09/246,071	1)SCALTECH INC
(32) Priority Date	:08/02/1999	Address of Applicant :OF 87 OATES ROAD, HOUSTON, TEXAS
(33) Name of priority country	:U.S.A.	77059 U.S.A.
(86) International Application No	:PCT/US00/03238	(72) Name of Inventor :
Filing Date	:08/02/2000	1)KLAUS GENSSLER
(87) International Publication No	:WO00/46323	2)RAYMOND R. RUTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 15

(57) Abstract :

A fuel composition comprising less than about 10 percent-by-weight water, greater than about 30 percent-by-weight solids and from about 30 to about 70 percent-by-weight of a combustible nonaqueous, generally water insoluble liquid, the composition having a minimum heat value of at least 5000 BTU per pound and a viscosity such that said composition is pumpable at ambient temperature, the composition being conveniently derived, for example, from a waste stream containing a liquid, nonaqueous fraction, a solids fraction and an aqueous fraction, such as refinery waste, waste from aluminum smelting processes, paint waste or other industries.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01146/MUM A

(19) INDIA

(22) Date of filing of Application :21/09/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

(51) International classification	:C07K 16/24
(31) Priority Document No	:60/126,603
(32) Priority Date	:25/03/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/07946
Filing Date	:24/03/2000
(87) International Publication No	:WO 00/56772 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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5)TRACEY, DANIEL

6)WHITE, MICHAEL

7)KAYMAKCALAN, ZEHRRA

8)LABKOVSKY, BORIS

9)SAKORAFAS, PAUL

10)FRIEDRICH, STUART

11)MYLES, ANGELA

12)VELDMAN, GEERTRUIDA

13)VENTURINI, AMY

14)WARNE, NICHOLAS

15)WIDOM, ANGELA

16)EL VIN, JOHN

17)DUNCAN, ALEXANDER

18)DERBYSHIRE, ELAINE

19)CARMEN, SARA

20)SMITH, STEPHEN

21)HOLTET, THOR, LAS

22)DU FOU, SARAH

No of Pages : 203

No of Claims : 156

(57) Abstract :

Human antibodies, preferably recombinant human antibodies, that specifically bind to human interleukin-12 (hIL-12) are disclosed. Preferred antibodies have high affinity for hIL-12 and neutralize hIL-12 activity *in vitro* and *in vivo*. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. The antibodies, or antibody portions, of the invention are useful for detecting hIL-12 and for inhibiting hIL-12 activity, e.g., in a human subject suffering from a disorder in which hIL-12 activity is detrimental. Nucleic acids, vectors and host cells for expressing the recombinant human antibodies of the invention, and methods of synthesizing the recombinant human antibodies, are also encompassed by the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01305/MUM A

(19) INDIA

(22) Date of filing of Application :19/10/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : 6-ALKENYL-, 6-ALKINYL- AND 6-EPOXY-EPOTHILONE DERIVATIVES, PROCESS FOR THEIR PRODUCTION, AND THEIR USE IN PHARMACEUTICAL PREPARATION

(51) International classification	:C07D 493/04
(31) Priority Document No	:199 21 086.1
(32) Priority Date	:30/04/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB00/00657
Filing Date	:01/05/2000
(87) International Publication No	:WO 00/66589
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :D-13342 BERLIN Germany

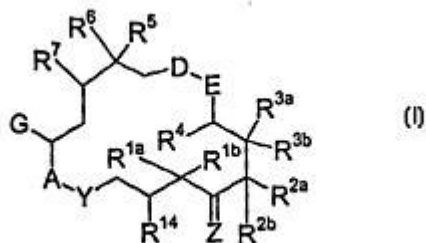
(72)**Name of Inventor :**
1)ULRICH KLAR
2)WOLFGANG SCHWEDE
3)WERNER SKUBALLA
4)BERND BUCHMANN
5)JENS HOFFMANN
6)ROSEMARIE LICHTNER

No of Pages : 222

No of Claims : 3

(57) Abstract :

This invention describes the new 6-alkenyl- and 6-alkinyl- epothilone derivatives of general formula (I) in which R^{1a}, R^{1b}, R^{2a}, R^{3a}, R^{3b}, R⁴, R⁵, R⁶, R⁷, A, Y, D, E, G, Y and Z have the meanings that are indicated in the description. The new compounds interact with tubulin by stabilizing microtubuli that are formed. They are able to influence the cell-splitting in a phase-specific manner and thus find use in treating diseases or conditions associated with the need for cell growth, division and/or proliferation. Thus the compounds are suitable for treating malignant tumors, for example, ovarian, stomach, colon, adeno-, breast, lung, head and neck carcinomas, malignant melanoma, acute lymphocytic and myelocytic leukemia. In addition, they are suitable for anti-angiogenesis therapy as well as for treatment of chronic inflammatory diseases (such as psoriasis, arthritis). Methods of use and preparation of the compounds are also described.



(54) Title of the invention : METHOD FOR MINIMIZING FEEDBACK RESPONSES IN ARQ PROTOCOLS

(51) International classification :H04L 1/00
 (31) Priority Document No :60/128,517
 (32) Priority Date :09/04/1999
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/SE00/00677
 Filing Date :07/04/2000
 (87) International Publication No :WO/2000/062466
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (pub)Address of Applicant :A SWEDISH COMPANY, S-126 25
STOCKHOLM, Sweden

(72)Name of Inventor :

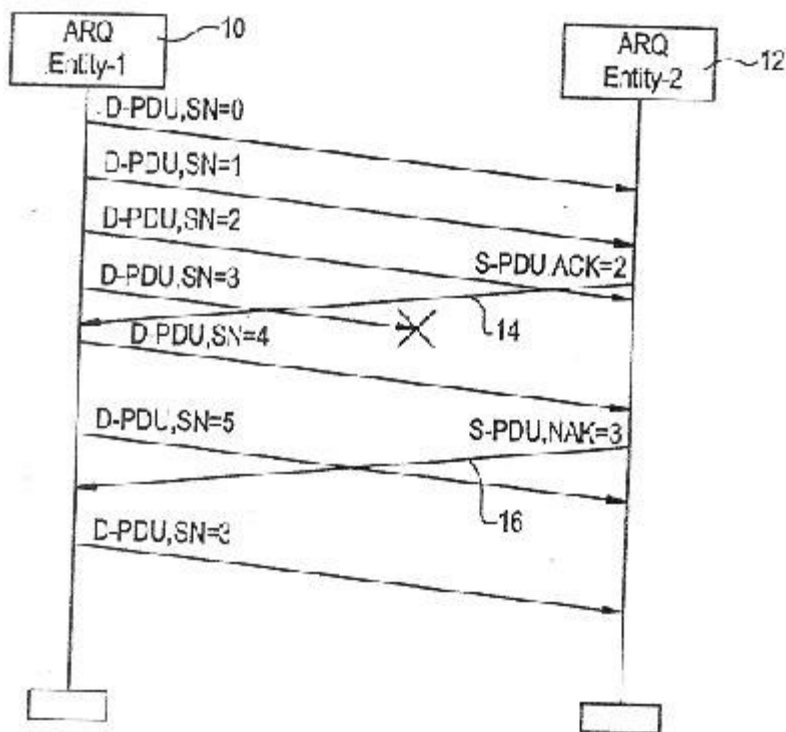
1)PER BEMING**2)KAZUHIKO INOUE****3)MATHIAS JOHANSSON****4)MICHAEL MEYER****5)BELA RATHONYI****6)CHRISTIAAN ROOBOL****7)JOACHIM SACHS****8)ERIK SCHON**

No of Pages : 24

No of Claims : 36

(57) Abstract :

A method for minimizing feedback responses (14, 16) in an ARQ protocol is disclosed, whereby different mechanisms can be used to indicate erroneous D-PDUs and construct S-PDUs. The S-PDUs are constructed so as to optimize performance in accordance with certain criteria. One such criterion used is to minimize the size of the S-PDUs. A second such criterion used is to maximize the number of SNs included in an S-PDU of limited size.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01342/MUM A

(19) INDIA

(22) Date of filing of Application :31/10/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : LIPID PARTICLES ON THE BASIS OF MIXTURES OF LIQUID AND SOLID LIPIDS AND METHOD FOR PRODUCING SAME

(51) International classification	:A61K 9/16	(71) Name of Applicant :
(31) Priority Document No	:199 21 034.9	1)PHARMASOL GMBH
(32) Priority Date	:07/05/1999	Address of Applicant :BLOHMSTRASSE 66a, D-12307 BERLIN,
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP00/04112	(72) Name of Inventor :
Filing Date	:08/05/2000	1)RAINER HELMUT MULLER
(87) International Publication No	:WO 00/67728	2)VOLKHARD JENNING
	A2	3)KARSTEN MADER
(61) Patent of Addition to Application Number	:NA	4)ANDREAS LIPPACHER
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 89

No of Claims : 73

(57) Abstract :

The invention relates to lipid particles which do or do not carry active agents and comprise a mixed matrix consisting of solid and liquid lipid (so-called solid/liquid particles). The inventive particles are provided with a disordered structure (semicrystalline, mostly non-crystalline to amorphous) in the semisolid to solid condition of matter. The invention also relates to a method for producing said dispersions and especially a method for producing highly concentrated lipid particle dispersions with a lipid content of 30 % to 95 % or a solids content of 30 % to 95 % (lipid and stabiliser). Said dispersions are integer particles unlike the biamphiphilic cremes and/or the highly concentrated particle dispersions result in free-flowing particle dispersions when diluted with the outer phase.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01353/MUM A

(19) INDIA

(22) Date of filing of Application :01/11/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : JUICES INCORPORATING EARLY SEASON ORANGE CULTIVARS

(51) International classification :A23L 2/00
(31) Priority Document No :09/311,956
(32) Priority Date :14/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/12578
Filing Date :09/05/2000
(87) International Publication No :WO00/69286A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

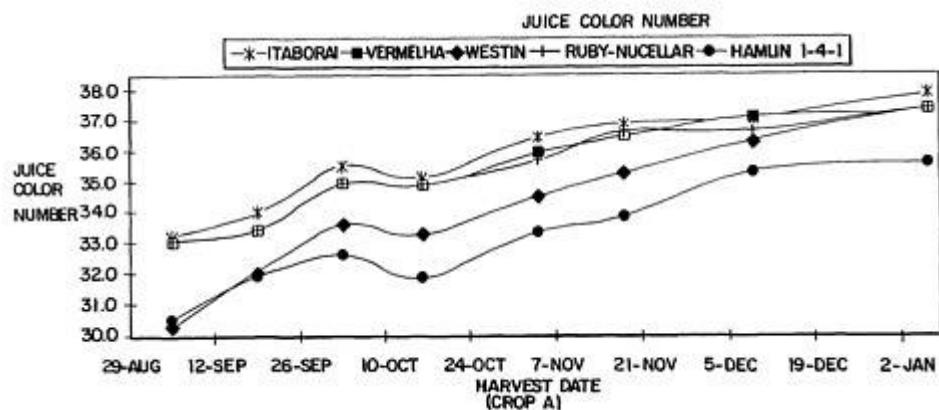
(71)**Name of Applicant :**
1)TROPICANA PRODUCTS INC
Address of Applicant :1001 13th AVENUE EAST, BRADENTON,
FLORIDA 34208, U.S.A.
(72)**Name of Inventor :**
1)JAMES H. KEITHLY
2)HARLOD POLLACK
3)THOMAS TAGGART

No of Pages : 55

No of Claims : 39

(57) Abstract :

Orange juice is provided which includes as a component juice extracted from a very early season round orange cultivar which is not a Hamlin cultivar. The juice extracted from such very early season cultivar has sensory attributes which are superior to those of Hamlin fresh juice. The very early season juice has a Brix-to-acid ratio and a color intensity in excess of those provided by Hamlin cultivars which are harvested at the same time as the very early season cultivar. Preferred very early season cultivars are within the Seleta family or are Westin cultivars or are Ruby Nucellar cultivars.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01409/MUM A

(19) INDIA

(22) Date of filing of Application :12/11/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : UMTS CIRCUIT SWITCHED DATA USER PLANE

(51) International classification :H04L 12/50
(31) Priority Document No :19992788
(32) Priority Date :08/06/1999
(33) Name of priority country :Norway
(86) International Application No :PCT/SE00/01170
Filing Date :08/06/2000
(87) International Publication No :WO 00/76138
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

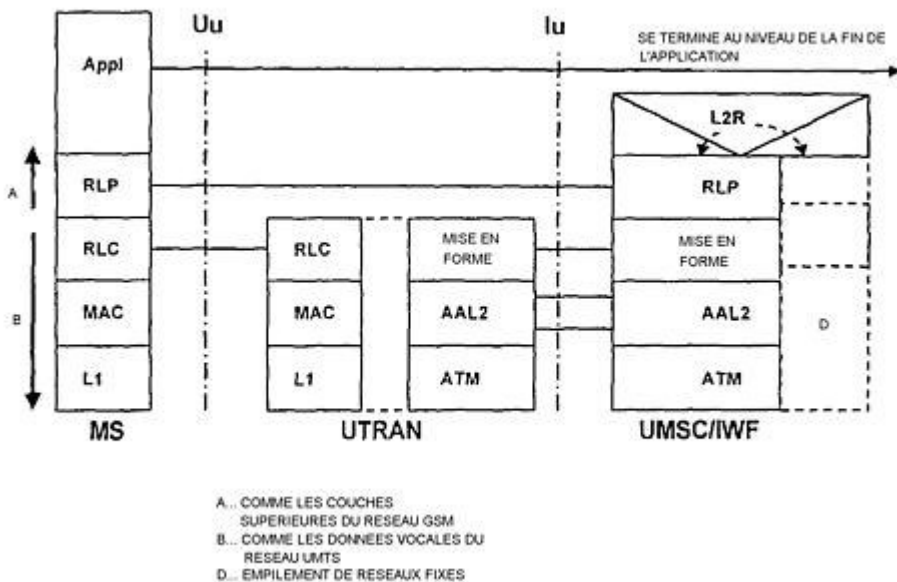
(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-126 25 STOCKHOLM, Sweden
(72)**Name of Inventor :**
1)VIDAR NICOLAYSEN
2)THOR CHRISTIAN RONNING

No of Pages : 18

No of Claims : 5

(57) Abstract :

The present invention relates to a method which permits circuit switched data communication equipment to be used in an access network like UMTS in an efficient way. The solution is based on the use of the upper layers from GSM together with the transport layers for UMTS speech.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00033/MUM A

(19) INDIA

(22) Date of filing of Application :10/01/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROTON CONDUCTING MATERIAL AND METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME

(51) International classification

:H01B 1/06

(31) Priority Document No

:P11-204038

(32) Priority Date

:19/07/1999

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP00/04864

Filing Date

:19/07/2000

(87) International Publication No

:WO 01/06519

A1

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :7-35 KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU, TOKYO 141-0001, Japan

(72)Name of Inventor :

1)KOICHIRO HINOKUMA

2)BJOERN PIETZAK

3)CONSTANCE ROST

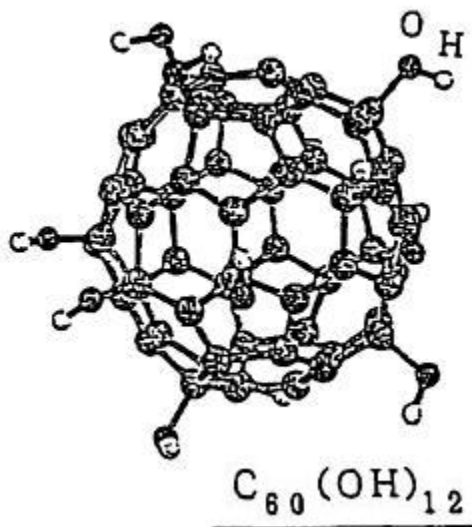
4)MASAFUMI ATA

No of Pages : 82

No of Claims : 18

(57) Abstract :

A proton conducting material which comprises a base material comprising a carbonaceous material having carbon as a main component and, introduced into the base material, a group capable of dissociating a proton. In the proton conducting material, a proton moves via the group capable of dissociating a proton, and the conductivity for anion is greater than that for an electron. As the carbonaceous material, use is made of a carbon cluster such as a fullerene and a tubular carbon (so-called carbon nano-tube), a carbonaceous material having a diamond structure and the like.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7092/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/11/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A SYSTEM AND METHOD FOR ACCOMPLISHING MOBILE MANAGEMENT OF FIXED NETWORK SWITCHING NODE

(51) International classification	:H04Q7/38	(71) Name of Applicant :
(31) Priority Document No	:200410037328.7	1)ZTE CORPORATION
(32) Priority Date	:28/04/2004	Address of Applicant :ZTE PLAZA,KEJI ROAD SOUTH,HI-TECH
(33) Name of priority country	:China	INDUSTRIAL PARK,NANSHAN DISTRICT,SHENZHEN
(86) International Application No	:PCT/CN2005/000414	CITY,GUANGDONG PROVINCE 518057 P.R.CHINA Not Applicable
Filing Date	:30/03/2005	China
(87) International Publication No	:WO/2005/107302	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BAILIN RUI
Filing Date	:NA	2)QIN YIN
(62) Divisional to to Application Number	:NA	3)SANXING REN
Filing Date	:NA	

No of Pages : 31

No of Claims : 19

(57) Abstract :

The present invention discloses a system and method for realizing mobile management of fixed network switching node. The method comprises the following steps: setting a subscriber attribute register (SAR) in the fixed network, connecting the subscriber attribute register to each switching node via signaling link; distributing an unique logic number and physical number corresponding to the location for the subscriber, storing the subscriber attribute and location information of the switching node where the subscriber locates in the home SAR collectively, when the subscriber location changes, insetting the attribute data of the subscriber into the new location, deleting the data of the former location, and updating the location information of the subscriber in the SAR; when a call is activated, the calling office requests routing to the SAR, and SAR searching the called physical number and returning it to the calling office; when the subscriber attribute data changes, modifying the corresponding data in the SAR firstly, then insetting the data into the switching node where the subscriber locates, thus completing synchronous update of data. Through the present invention, the fixed network may have a function of a mobile network, and at the same time, the subscriber attribute data is managed collectively, thus make it easy to maintain and take full advantage of number resources.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0015/DEL/1999 A

(19) INDIA

(22) Date of filing of Application :06/01/1999

(43) Publication Date : 04/05/2007

(54) Title of the invention : "SCALPTONE COMPOSITION"

(51) International classification	:A61K 33/00	(71)Name of Applicant : 1)SBL LIMITED
(31) Priority Document No	:NA	Address of Applicant :14 & 15, "ARUNACHAL", 19,
(32) Priority Date	:NA	BARAKHAMBHA ROAD, NEW DELHI-110 001, INDIA. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR.JUGAL KISHORE
Filing Date	:NA	2)OM PRAKASH JAIN
(87) International Publication No	:NA	3)DR. BEENA THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 7

(57) Abstract :

Scalptone composition for a wider spectrum of symptoms of hair falling, dandruff, premature greying itching scalp, irritation and dryness of scalp comprising: Acidum Fluoricum Acidum Phosphoricuin Arsenicum Album Kali Muriaticum Kali Sulphuricum Natruin Muriaticum Phosphorus Vinca Minor in equal proportion having potencies for items-1,2,3 & 6 to 8 ranging from 6-' to 200 on centesimal scale and for items 4 & 5 ranging from 6 to 30 on centesimal scale.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0033/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :07/01/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMPOUND FOR THE TREATMENT OF FEMALE SEXUAL DYSFUNCTION

(51) International classification	:A61F
(31) Priority Document No	:9926437.6
(32) Priority Date	:08/11/1999
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PFIZER INC.

Address of Applicant :235 EAST 42ND STREET, NEW YORK10017,
USA U.S.A.

(72)**Name of Inventor :**

1)GRAHAM NIGEL MAW

2)CHRISTOPHER PETER WAYMAN

No of Pages : 195

No of Claims : 39

(57) Abstract :

The present invention relates to a pharmaceutical composition for use (or when in use) in the treatment of FSD, in particular FSAD; the pharmaceutical composition comprising an agent capable of potentiating cAMP in the sexual genitalia of a female suffering from FSD, in particular FSAD; wherein the agent is optionally admixed with a pharmaceutically acceptable carrier, diluent or excipient; and wherein said agent is the agent of the present invention as herein defined. Here, the composition (like any of the other compositions mentioned herein) may be packaged for subsequent use in the treatment of FSD, in particular FSAD.

(54) Title of the invention : "17 α -FLUOROALKYL STEROIDS, METHOD FOR PRODUCING THE SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID COMPOUNDS "

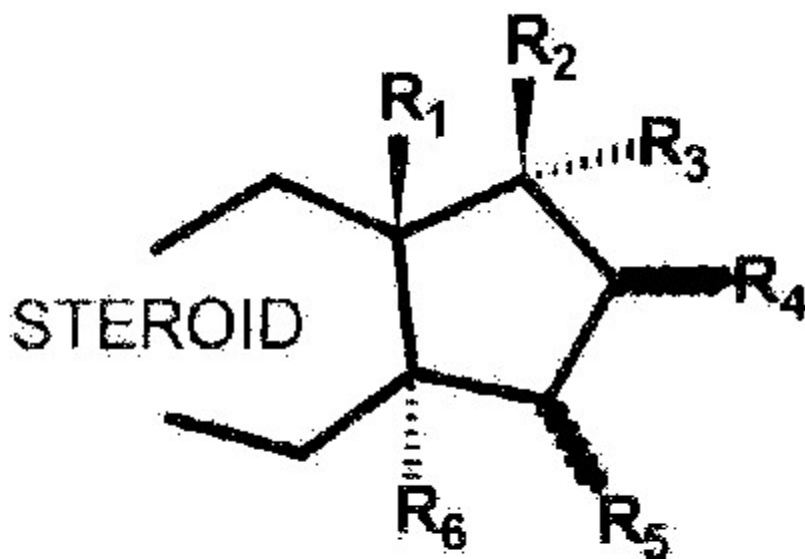
(51) International classification	:C07J	(71)Name of Applicant :
(31) Priority Document No	:100 49 736.5	1)SCHERING AKTIENGESELLSCHAFT,
(32) Priority Date	:29/09/2000	Address of Applicant :MULLERSTRASSE 178, 13353 BERLIN,
(33) Name of priority country	:Germany	GERMANY Germany
(86) International Application No	:PCT/DE01/03732	(72)Name of Inventor :
Filing Date	:28/09/2001	1)SVEN RING
(87) International Publication No	:WO 02/26759	2)GUNTER KAUFMANN
(61) Patent of Addition to Application Number	:NA	3)RALF WYRWA
Filing Date	:NA	4)WALTER ELGER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 21

(57) Abstract :

The invention relates to 17 α -Fluoroalkyl steroids of general formula (I) in which R₃ stands for a radical of formula C_nF_mH_o, whereby n = 1, 2, 3, 4, 5 or 6, m > 1 and m + o = 2n + 1, process for their production and pharmaceutical compositions that contain these compounds. The compounds according to general formula I of the invention have androgenic activity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.00558/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :16/04/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : "CRYSTALLINE MONOHYDRATE, PROCESSES FOR THE PREPARATION THEREOF AND THE USE THEREOF FOR PREPARING A PHARMACEUTICAL COMPOSITION"

(51) International classification

:C07D 451/10

(31) Priority Document No

:100 50 621.6

(32) Priority Date

:12/10/2000

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP01/11225

Filing Date

:28/09/2001

(87) International Publication No

:WO 02/30928

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG

Address of Applicant :BINGER STRASSE 173, D-55216

INGELHEIM AM RHEIN, GERMANY Germany

(72)Name of Inventor :

1)ROLF BANHOLZER

2)MANFRED LUDWIG AUGUST GRAULICH

3)CHRISTIAN KULINNA

4)ANDREAS MATHES

5)HELMUTMEISSNER

6)PETER SIEGER

7)MICHAEL TRUNK

8)PETER SPECHT

No of Pages : 12

No of Claims : 12

(57) Abstract :

The invention relates to a crystalline monohydrate of (1 α ,2 $\ddot{A}$ $\ddot{Y}$,4 $\ddot{A}$ $\ddot{Y}$,5 α ,7 $\ddot{A}$ $\ddot{Y}$)-7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0^{2'4}]nonane-bromide, processes for the preparation thereof, as well as the use thereof for preparing a pharmaceutical composition, particularly for preparing a pharmaceutical composition having an anticholinergic activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00727/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :12/05/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : "HUMANIZED ANTI-LT- β -R ANTIBODIES"

(51) International classification :C07K 16/28

(31) Priority Document No :60/240,285

(32) Priority Date :13/10/2000

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US01/32140

Filing Date :12/10/2001

(87) International Publication No :WO 02/030986

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)BIOGEN, INC.

Address of Applicant :14 CAMBRIDGE CENTER, CAMBRIDGE,
MA 02142, UNITED STATES OF AMERICA. U.S.A.

(72)**Name of Inventor :**

1)ELLEN GARBER

2)PAUL LYNE

3)JOSE W. SALDANHA

No of Pages : 30

No of Claims : 17

(57) Abstract :

Humanized antibodies to LT- β -R and method of use thereof are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0109/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :21/01/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AN ANTIPICORNAVIRAL COMPOUNDS

(51) International classification :C07D 207/26
(31) Priority Document No :60/150,358
(32) Priority Date :24/08/1999
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 01/14329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002,00085/DEL
Filed on :22/01/2002

(71)Name of Applicant :

1)AGOURON PHARAMACEUTICALS INC.

Address of Applicant :10350 NORTH TORREY PINES ROAD, LA
JOLLA, CALIFORNIA 92037, USA U.S.A.

(72)Name of Inventor :

1)QINGPINNG TIAN

2)NARESH K NAYYAR

3)SRINIVASAN BABU

4)JUNHUA TAO

5)TERENCE JAROLD MORAN

6)RAYMOND DAGNINO JR.

7)LENNERT J MITCHELL JR.

8)MICHAEL JOSEPH MELNICK

9)STEVEN LEE BENDER

10)TRAVIS PAUL REMARCHUK

No of Pages : 54

No of Claims : 15

(57) Abstract :

Efficient synthetic routes for the preparation of rhinovirus protease inhibitors of formula (1), as well as key intermediates usefull in those synthetic routes. These compounds of formula (1), as well as pharmaceutical compositions that contain these compounds, are suitable for treating patients or hosts infected with one or more picornaviruses.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01503/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :19/09/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A NOVEL METHOD FOR CONVERTING DIHYDROTAGEONE INTO COCONUT FLAVOURED 5-ISOBUTYL -3-METHYL-4, 5-DIHYDRO-2(3H)- FURANONE WITH TWO CHIRAL CENTRES: AN ANALOGUE OF NATURAL WHISKY LACTONE AND OF COCONUT ALDEHYDE

(51) International classification	:C07D 307/32	(71)Name of Applicant :
(31) Priority Document No	:33349/01	1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
(32) Priority Date	:30/03/2001	Address of Applicant :RAFI MARG, NEW DELHI-110 001, INDIA.
(33) Name of priority country	:Australia	Delhi India
(86) International Application No	:PCT/IN01/00057	(72)Name of Inventor :
Filing Date	:29/03/2001	1)ARUN KUMAR SINHA
(87) International Publication No	:WO 02/079180	2)BHUPENDRA PRASAD JOSHI
(61) Patent of Addition to Application Number	:NA	3)RUCHI DOGRA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 39

(57) Abstract :

A natural inexpensive acyclic monoterpene ketone (dihydrotagetone) of formula (4), isolated from the oil of Tagetes sp., was smoothly oxidized with meta-periodate/potassium permanganate into 2,6-dimethyl-4-oxo-heptanoic acid of formula (3), the reduction of 3 with metal hydride such as sodium borohydride or lithium aluminium hydride provided 4-hydroxyacid of formula (2) which on without isolation undergone lactonisation in acidic medium furnished two chiral centered 5-isobutyl-3-methyl-4,5-dihydro-2(3H)-furanone of formula (1) as an analogue of whisky lactone 5-butyl-4-methyl-4,5-dihydro-2(3H)-furanone of formula (1a) responsible for high quality of alcoholic beverage (whisky, wine, brandy and scotch), in addition, coconut flavoured 5-butyl-4-methyl-4,5-dihydro-2(3H)-furanone of formula (1) is also as an analogue of coconut aldehyde (γ -nonalactone, F.E.M.A. No. 2751) of formula (1b) which is responsible for flavouring a wide range of food stuffs including baked goods and confectionery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0484/DEL/1998 A

(19) INDIA

(22) Date of filing of Application :24/02/1998

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ATROPISOMERS OF 3-ARYL-4(3H)-QUINAZOLINONES"

(51) International classification

:A61K
31/00

(31) Priority Document No

:60/038,905

(32) Priority Date

:28/02/1997

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PFIZER PRODUCTS INC.

Address of Applicant :EASTERN POINT ROAD, GROTON,
CONNECTICUT 06340, U.S.A. U.S.A.

(72)Name of Inventor :

1)WILLARD MCKOWAN WELCH, JR.

2)KEITH MICHAEL DEVRIES

No of Pages : 76

No of Claims : 20

(57) Abstract :

The present invention relates to novel atropisomers of 2-(aryl or heteroaryl)-3-aryl-4(3H)-quinazolinones of the formula I, and their pharmaceutically acceptable salts, and pharmaceutical compositions and methods of treating neurodegenerative and CNS-trauma related conditions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.102/DEL/2002 A

(19) INDIA

(22) Date of filing of Application :11/02/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR PURIFYING CARBON DIOXIDE FEED STREAMS"

(51) International classification	:B01D 53/72	(71) Name of Applicant : 1)PRAXAIR TECHNOLOGY, INC., Address of Applicant :39 OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT 06810-5113,USA. U.S.A.
(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)CARL JOSEPH HEIM,
Filing Date	:NA	2)AMITABH GUPTA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 10

(57) Abstract :

This invention generally relates to a method and apparatus for recovering carbon dioxide from a feed stream and reducing the costs of carbon dioxide purification systems. More particularly, the invention relates to a carbon dioxide purification method and apparatus utilizing an adsorbent bed, such as activated carbon, in combination with a catalytic oxidation system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1022/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :07/02/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD FOR OPERATING AN INJECTION MOULDING MACHINE"

(51) International classification	:B29C 45/16	(71) Name of Applicant :
(31) Priority Document No	:10 2004 043 300.3	1)KRAUSS-MAFFEI KUMSTSTOFFTECHNIK GMBH
(32) Priority Date	:08/09/2004	Address of Applicant :KRAUSS-MAFFEI-STRASSE 2, 80997
(33) Name of priority country	:Germany	MUNCHEN, GERMANY Germany
(86) International Application No	:PCT/EP2005/009029	(72) Name of Inventor :
Filing Date	:20/08/2005	1)GUNTHER GRIMM
(87) International Publication No	:WO 2006/027100	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

The invention relates to a method for operating an injection molding machine, wherein a force F_{ist} is measured during an opening and/or closing movement of a mold half along a travel path S_0 , and the force F_{ist} is compared with a maximum allowable force F_{max} and/or a minimum allowable force F_{min} , wherein upon surpassing the force F_{max} and/or undershooting the force F_{min} a time measurement is started, wherein a drive of the mold half is switched off, when the force F_{max} is surpassed and/or the force F_{min} is not reached for a time period which exceeds a predetermined time duration Δt_0 .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1027/DEL/2001 A

(19) INDIA

(22) Date of filing of Application :05/10/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROTECTING A SURFACE OF A NICKEL-BASE ARTICLE WITH A CORROSION-RESISTANT ALUMINUM-ALLOY LAYER."

(51) International classification	:A61B 005/05	(71) Name of Applicant : 1)GENERAL ELECTRIC COMPANY
(31) Priority Document No	:09/693,077	Address of Applicant :ONE RIVER ROAD,SCHENECTADY,NEW
(32) Priority Date	:20/10/2000	YARK 12345,U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)PFAENDTNER JEFFREY ALLAN,
Filing Date	:NA	2)RIGNEY JOSEPH DAVID
(87) International Publication No	:NA	3)WEIMER MICHAEL JAMES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 21

(57) Abstract :

A surface of a nickel-base article such as an internal surface (36) of a gas turbine airfoil (22) is protected with a protective layer (40) of aluminum and at least one other element. To form the protective layer (40), a donor alloy is contacted to the protected surface of the article, and simultaneously the article and the donor alloy are heated to a coating temperature that is greater than about 0.7 of the absolute solidus temperature of the donor alloy but is such that the donor alloy remains in the form of a condensed phase contacting the protected surface of the article. The donor alloy is thereafter interdiffused into the protected surface of the article.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1156/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :06/05/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEM FOR BALANCING THE LOAD FOR HEADS FOR MOTIO PICTURES OR TELEVISION SHOOTINGS

(51) International classification	:F16M11/20
(31) Priority Document No	:RM2004A000456
(32) Priority Date	:27/10/2005
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)CARTONI GUIDO

No of Pages : 6

No of Claims : 6

(57) Abstract :

The invention relates to a system for balancing the load for heads (1) for motion pictures or television shootings, said head (1) providing a support (2) for the camera and a rotation axis (A) along the vertical plane allowing the rotation along a $\hat{e}^{\circ}90 + 90$ degree arc, said system comprising a connecting rod element (4), on one side pivoted in a position eccentric with respect to the rotation axis (A) of said head (1), and on the other side coupled with a shaped element or wing, said shaped element or wing (5) being pivoted on one side and coupled to the lower part of said connecting rod (4), in a substantially central position, so as to be able to follow its movement, the system further comprising at least a spring element (8), pivoted (D) above and at the bottom coupled with said shaped element of wing (5) in such a way to slide with respect to the same shaped element or wing (5), means (3) being further provided for adjustment of the position of said spring element (8) with respect to said shaped element or wing (5).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1172/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :13/02/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "STACKED ORGANIC PHOTOSENSITIVE DEVICES"

(51) International classification :H01L 27/00

(31) Priority Document No :10/911,559

(32) Priority Date :05/08/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/027478

Filing Date :02/08/2005

(87) International Publication No :WO 2006/017530

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)STEPHEN FORREST

2)JIANGENG XUE

3)SOICHI UCHIDA

4)BARRY P. RAND

No of Pages : 50

No of Claims : 18

(57) Abstract :

A device is provided having a first electrode, a second electrode, a first photoactive region having a characteristic absorption wavelength λ_1 and a second photoactive region having a characteristic absorption wavelength λ_2 . The photoactive regions are disposed between the first and second electrodes, and further positioned on the same side of a reflective layer, such that the first photoactive region is closer to the reflective layer than the second photoactive region. The materials comprising the photoactive regions may be selected such that λ_1 is at least about 10% different from λ_2 . The device may further comprise an exciton blocking layer disposed adjacent to and in direct contact with the organic acceptor material of each photoactive region, wherein the LUMO of each exciton blocking layer other than that closest to the cathode is not more than about 0.3 eV greater than the LUMO of the acceptor material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1174/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :13/02/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "1- α -HALO-2-2-DIFLUORO-2-DEOXY-D-RIBOFURANOSE DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF"

(51) International classification

:C07H 3/08

(31) Priority Document No

:10-2004-0059623

(32) Priority Date

:29/07/2004

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2005/001922

Filing Date

:21/06/2005

(87) International Publication No

:WO 2006/011713

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Republic of Korea

(72)Name of Inventor :

1)LEE JAEHEON

2)PARK GHA-SEUNG

3)LEE MOONSUB

4)KIM HAN KYONG

5)BANG HYU-JEONG

6)CHANG YOUNG-KIL

7)LEE GWAN-SUN

No of Pages : 30

No of Claims : 15

(57) Abstract :

I - α -halo-2,2-difluoro-2-deoxy-D-ribofuranose derivative of formula (I) having the 3-hydroxy group protected with a biphenyl carbonyl group is a solid which can be easily purified by a simple procedure such as recrystallization, and therefore, it can be advantageously used as an intermediate in the preparation of gemcitabine in a large scale. Further, the 1- α -halo-2,2-difluoro-2-deoxy-D-ribofuranose derivative of formula (I) can be prepared with high stereo selectivity using the compound of formula (V) as an intermediate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.124/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :17/02/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : PREARATION OF NEW LAYERED DOUBLE HYDROXIDES EXCHANGED WITH DIISOPROPYLAMIDE FOR C-C BOND FORMING REACTIONS

(51) International classification	:C07D 413/00	(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)BOYAPATI MANORANJAN CHOUDARY
Filing Date	:NA	2)ADURI RAVINDRA
(87) International Publication No	:NA	3)MANNEPALLI LAKSHME KANTAM
(61) Patent of Addition to Application Number	:NA	4)CHINTA REDDY VANKAT REDDY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 21

(57) Abstract :

The present invention relates to design and preparation of LDH- diisopropylamide through simple exchange process for the first time and its use in catalytic amounts for preparing aldols / α,β -unsaturated nitriles / α,β -unsaturated esters / transesterified products / P-nitroalkanols / Michael adducts and epoxide, resulting in higher yields.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1396/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CLAMPING TOOL FOR MEASURING TEMPERATURE OF HEAT PIPE (II)

(51) International classification	:A46B 3/08	(71) Name of Applicant :
(31) Priority Document No	:094210169	1)JAFFE LIMITED
(32) Priority Date	:17/06/2005	Address of Applicant :2ND FLOOR, ABBOTT BUILDING, P.O.
(33) Name of priority country	:Taiwan	BOX 933, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS
(86) International Application No	:NA	British Virginia
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)HUL-CHUN HSU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

A clamping tool for measuring the temperature of a heat pipe includes a clamping body and a thermal couple wire. The clamping body has a clamping portion constituted by at least two claws. One end of the thermal couple wire is uncovered to form a bare-wire end. The inside of one claw of the clamping body is provided with a heat-conducting piece. The distal end of the bare-wire end of the thermal couple wire is covered in the heat-conducting piece. With the above arrangement, using the clamping body to clamp the portion of the heat pipe whose temperature is to be measured, and making the heat-conducting piece directly contact with the surface of the heat pipe, the temperature of each portion of the heat pipe can be rapidly obtained. Further, the bare-wire end of the thermal couple wire can be protected. As a result, the heat pipes manufactured in mass production can be easily measured one by one.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1466/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/02/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "TREATED ION EXCHANGE RESINS, METHOD OF MAKING, ASSEMBLIES AND HEAT TRANSFER SYSTEMS CONTAINING THE SAME, AND METHOD OF USE"

(51) International classification :H01M 8/04

(31) Priority Document No :60/607,974

(32) Priority Date :08/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/032174

Filing Date :08/09/2005

(87) International Publication No :WO 2006/029327

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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2)FILIPE J. MARINHO

3)PETER M. WOYCIESJES

4)ALEKSEI W. GERSHUN

No of Pages : 46

No of Claims : 29

(57) Abstract :

Disclosed is a pre-treated ion exchange resin comprising at least 15% by total number of exchangeable groups comprising at least one of an ion, or a Lewis acid, or a Lewis base resulting from a heat transfer fluid component having a pK_a or pK_b of greater than 5 in an aqueous solution at 25 °C, based on the total number of exchangeable groups. In one embodiment, the heat transfer fluid component is at least one of a colorant, a corrosion inhibitor, an antifoaming agent, a bitterant, a dispersant, or a combination thereof. In one embodiment, the heat transfer fluid component comprises a heat transfer fluid corrosion inhibitor. Also disclosed are heat transfer systems, assemblies, fuel cell systems and methods of maintaining a conductivity of less than 200 µS/cm in a heat transfer fluid that employ the disclosed pre-treated ion exchange resins.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1775/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :08/07/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "POLYURETHANE ELASTOMERS"

(51) International classification	:C08G 18/10
(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	:2589/DEL/1996
Filed on	:26/11/1996

(71)**Name of Applicant :**

1)HUNTSMAN ICI CHEMICALS, LLC

Address of Applicant :500 HUNTSMAN WAY, SALT LAKE CITY,
UTAH 84108, UNITED STATES OF AMERICA U.S.A.

(72)**Name of Inventor :**

1)BLEYS GERHARD JOZEF

2)HAMILTON ALAN JAMES

3)LEENSLAG JAN WILLEM

No of Pages : 12

No of Claims : 11

(57) Abstract :

A polyisocyanate-based elastomer having a ratio of the storage modulus (E') at 200C and the storage modulus (E') at 120Â°C of between 0.75 and 1.5, a tan δ at 100Â°C of less than 0.1 and a maximum value of the tan δ of more than 0.8, the tan δ being the ratio of the loss modulus (E'') and the storage modulus (E').

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :12/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD OF TREATING AN INFLAMMATORY DISEASE BY DOUBLE STRANDED RIBONUCLEIC ACID"

(51) International classification	:A61K 48/00
(31) Priority Document No	:60/613,416
(32) Priority Date	:27/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/035259
Filing Date	:27/09/2005
(87) International Publication No	:WO 2006/037126
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NASTECH PHARMACEUTICAL COMPANY INC.

Address of Applicant :3830 MONTE VILLA PARKWAY, BOTHELL,
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(72)**Name of Inventor :**

1)CUI KUNYUAN

2)CHEN LISHAN

3)CHEN YUCHING

No of Pages : 51

No of Claims : 18

(57) Abstract :

What is disclosed is the use of a formulation comprising double stranded ribonucleic acid (dsRNA) in the manufacture of a medicament for treating an inflammatory disease in a mammal and inhibiting production of tumor necrosis factor- α (TNF- α) in the mammal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2043/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR THE TRANSMISSION OF DATA AVAILABLE IN THE FORM OF DATA PACKETS

(51) International classification	:H04L 12/56	(71) Name of Applicant :
(31) Priority Document No	:10 2004 052 692.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:29/10/2004	Address of Applicant :WITTELSBACHERPLATZ 2, D-80333
(33) Name of priority country	:Germany	MUNICH, GERMANY Germany
(86) International Application No	:PCT/EP2005/054249	(72) Name of Inventor :
Filing Date	:30/08/2005	1)BAMMESREITER; BIRGIT
(87) International Publication No	:WO 2006/045659	2)ENTLER; WOLFGANG
(61) Patent of Addition to Application Number	:NA	3)WENNINGER KLAUS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 13

(57) Abstract :

The invention relates to a system in which several data links (L1..... L4) are available for the transmission while one respective sending unit (Q1, Q4) is allocated to the data links (L1,....., L4) to temporarily store data that is to be transmitted via the respective data link (L1..... L4). According to the invention, data packets (NDP) containing non-real-time critical data are subdivided into fragments of variable sizes before being forwarded to a sending unit (Q1,..... Q4) while data packets (EDP) containing real time-critical data are preferably forwarded to a sending unit (Q1....Q4) without being fragmented. Additionally, a minimum fragment size can be predefined for the fragmentation process.

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING AND MANAGING CONGESTION IN A WIRELESS COMMUNICATIONS SYSTEM

(51) International classification :H04Q 7/24
 (31) Priority Document No :10/939,785
 (32) Priority Date :13/09/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/032605
 Filing Date :13/09/2005
 (87) International Publication No :WO 2006/031834
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

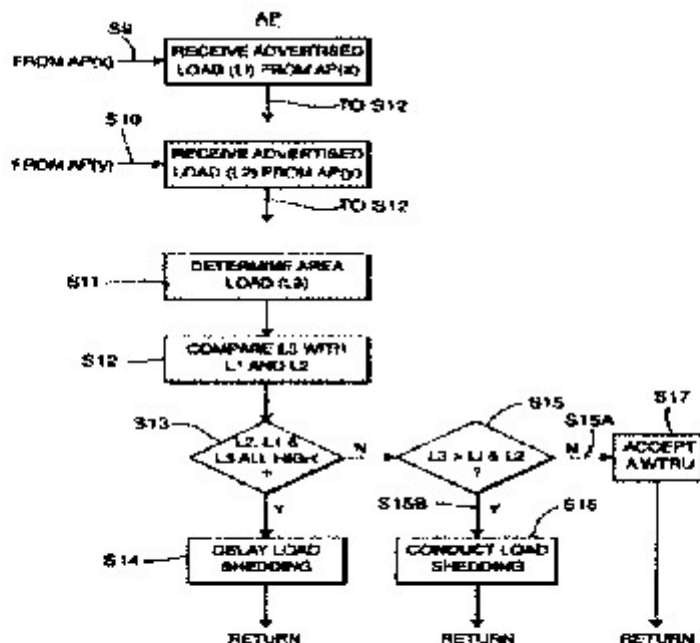
1)KWAK,JOSEPH**2)CUFFARO, ANGELO****3)MARINIER, PAUL****4)CAVE, CHRISTOPHER****5)ALI, AHMED****6)ROY, VINCENT****7)TOUAG, ATHMANE****8)LA SITA, FRANK****9)RUDOLF, MARIAN****10)HUNKELER, TERESA****11)RAHMAN, SHAMIM, AKBAR**

No of Pages : 78

No of Claims : 169

(57) Abstract :

An improved method of network management, particularly in the context of standards IEEE802.11 and IEEE802.11k, through two new MAC measurements, with attendant advantages. The two new measurements include WTRU uplink traffic loading measurement, and an AP service loading measurement and is generally applicable at least to layers 1 and 2 as applied to a least 802.11k in the context of OFDM and CDMA 2000 systems, but is applicable to other scenarios as well. A Method for determining and advertising congestion is also provided for a Wireless Local Area Network (WLAN) system. The present invention also introduces a method for managing congestion when congestion is detected. This aspect of the present invention applies primarily to wireless systems that use the Carrier Sense Multiple Access/ Collision Avoidance (CSMA/CA) mechanism. The methods are advantageously implemented in selectively configured WTRUs of various forms.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2074/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :16/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR ISOMERIZING NON-EQUALIBRIUM XYLENE-CONTAINING FEED STREAMS"

(51) International classification :C07C 5/22

(31) Priority Document No :11/226,493

(32) Priority Date :14/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2006/034725

Filing Date :06/09/2006

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)BOGDAN, PAULA LUCY

2)REKOSKE, JAMES EDWARD

3)LARSON, ROBERT BANGT

4)BAUER, JOHN EDWARD

5)WHITCHURCH, PATRICK CHARLES

6)QUICK, MICHAEL HARRY

No of Pages : 27

No of Claims : 11

(57) Abstract :

Reduced co-production of toluene and C9 and higher aromatics such as trimethylbenzene, methylethylbenzene, and diethylbenzene is achieved in processes for the isomerization of xylenes to close to equilibrium using a layered catalyst having a thin outer layer of molecular sieve and hydrogenation metal component on a core, wherein at least 75 mass-% of the hydrogenation metal component is in the outer layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2080/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR SPONTANEOUS DISTRIBUTION OF DATA, AND CORRESPONDING DATA NETWORK

(51) International classification	:H04L 12/56
(31) Priority Document No	:10 2004 047 364.1
(32) Priority Date	:29/09/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/054742
Filing Date	:22/09/2005
(87) International Publication No	:WO 2006/034987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, D-80333
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(72)**Name of Inventor :**
1)BITTERLICH ; JEAN-YVEH

No of Pages : 11

No of Claims : 14

(57) Abstract :

The aim of the invention is to improve the distribution of software and configuration data in data networks comprising a lot of users regarding bandwidth utilization and expenses. Said aim is achieved by sending the software or the data that is to be distributed to a few users. Said users (A, E) form ad hoc networks or P2P connections along with other users (B, C, D, and F to J). Said connections allow the data to be transmitted randomly, thus allowing a majority of the data to be distributed via ad hoc networks without loading the data network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2082/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR MANAGING DOCUMENTS IN ELECTRONIC DOCUMENTS IN ELECTRONIC DOCUMENT FOLDERS"

(51) International classification	:G06F 17/30	(71)Name of Applicant :
(31) Priority Document No	:10 2004 047 750.7	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:30/09/2004	Address of Applicant :WITTELSBACHERPLATZ 2,80333 MUNICH,
(33) Name of priority country	:Germany	GERMANY. Germany
(86) International Application No	:PCT/EP2005/054349	(72)Name of Inventor :
Filing Date	:05/09/2005	1)BOZIONEK BRUNO
(87) International Publication No	:WO 2006/034942	2)HANNA THOMAS
(61) Patent of Addition to Application Number	:NA	3)KUNTE KLAUS-JOSEF
Filing Date	:NA	4)ZIMMERMANN RAINER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 12

(57) Abstract :

The invention relates to a method for managing documents (DOK) or partial documents (TDOK1) in an electronic document folder (DO). According to said method, a validity indication (GAO, GA1) which is individual to the document or partial document and specifies a validity expiry time (ZPO, ZP1) is assigned to a respective document (DOK), e.g. an e-mail, or a partial document (TDOK1), e.g. an e-mail attachment and is stored, said indication being assigned to an executable validity program (GAPRGO, GAPRG1). Once the validity expiry time (ZPO, ZP1) has been reached, the executable validity program (GAPRGO, GAPRG1) assigned to the validity indication (GAO, GA1) is executed for the document (DOK) or partial document (TDOK1) with an assigned validity indication (GAO, GA1). The executable validity program (GAPRGO, GAPRG1) comprises a deletion routine (LR) for deleting the document (DOK) or partial document (TDOK1) with the assigned validity indication (GAO, GA1) in the electronic document folder (DO).

(54) Title of the invention : METHOD FOR THE DISTRIBUTION OF DATA UPON REQUEST, AND CORRESPONDING DATA NETWORK

(51) International classification :H04L 12/56

(31) Priority Document No :10 2004 047 366.8

(32) Priority Date :29/09/2004

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2005/054745

Filing Date :22/09/2005

(87) International Publication No :WO 2006/034988

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

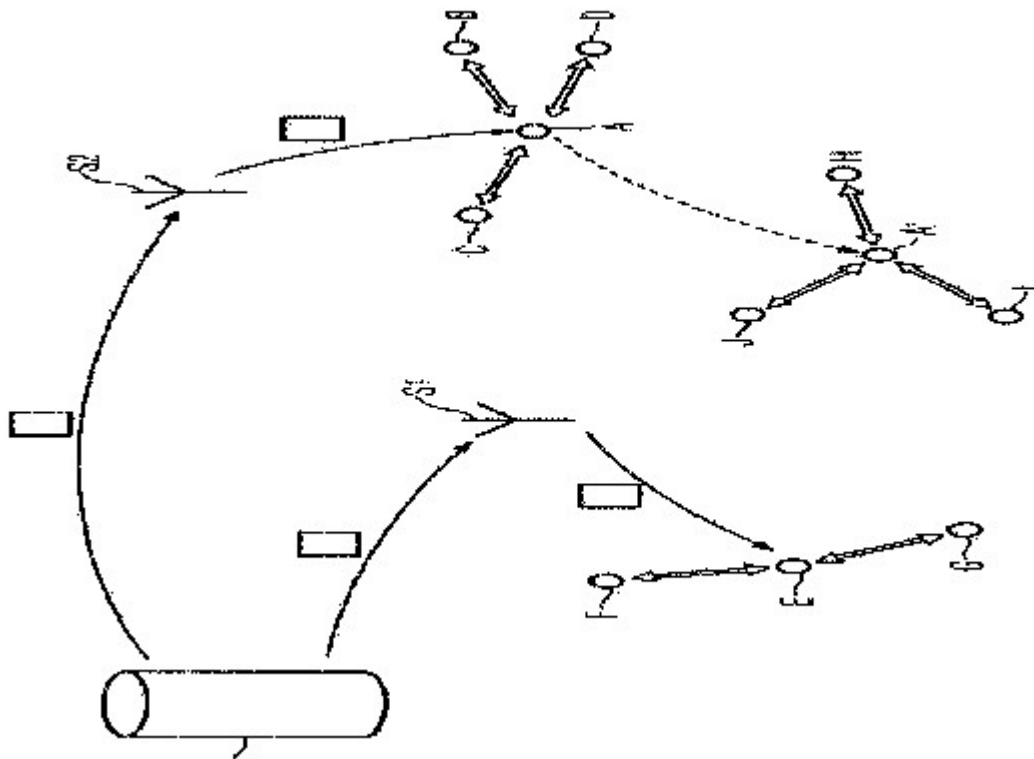
1)BITTERLICH ; JEAN-YVEH

No of Pages : 10

No of Claims : 14

(57) Abstract :

The aim of the invention is to improve the distribution of software and configuration data in data networks comprising a lot of users regarding bandwidth utilization and expenses. Said aim is achieved by sending the software or the data that is to be distributed to a few users. Said users (A, E) from ad hoc networks or P2P connections along with other users (B, C, D and F to J). Said connections allow the data to be randomly transmitted upon request, thus allowing a majority of the data to be distributed via ad hoc networks without loading the data network.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2089/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "SILANE MEROCYANINE SULPHONE DERIVATIVES, PHOTOPROTECTING COMPOSITIONS CONTAINING SAME, USE THEREOF AS UV FILTER"

(51) International classification	:C07F 7/08	(71)Name of Applicant :
(31) Priority Document No	:0452093	1)L'OREAL
(32) Priority Date	:20/09/2004	Address of Applicant :14, RUE ROYALE, F-75008 PARIS, FRANCE.
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2005/002129	(72)Name of Inventor :
Filing Date	:24/08/2005	1)RICHARD HERVE
(87) International Publication No	:WO 2006/032741	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 21

(57) Abstract :

The present invention concerns novel silane, siloxane or polysiloxane derivatives of merocyanine sulphone and their use in cosmetics as long UV-A filters. The present invention also concerns cosmetic compositions for topical use, in particular intended for the photoprotection of the skin and/or hair, comprising an effective quantity of at least one silane, siloxane or polysiloxane derivative of merocyanine sulphone or a mixture of derivatives.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2090/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : AMORPHOUS OBJECT OF CINNAMIDE COMPOUND

(51) International classification :C07D 401/06

(31) Priority Document No :2004-310909

(32) Priority Date :26/10/2004

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2005/019626

Filing Date :25/10/2005

(87) International Publication No :WO 2006/046575

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)EISAI R & D MANAGEMENT CO.,LTD.,

Address of Applicant :6-10, KOISHIKAWA 4-CHOME, BUNKYO-KU, TOKYO, JAPAN Japan

(72)**Name of Inventor :**

1)IKUO KUSHIDA ERIKO DOI KOICHI ITO

No of Pages : 37

No of Claims : 3

(57) Abstract :

An amorphous object of (3E)-1-[1(s)-1-(4-fluorophenyl)ethyl]-3-[3-methoxy-4-(4methyl-1H-imidazol-1-yl)benzylidene]piperidine-2-one, which is represented by the formula (1) and has A β -production inhibitory activity. The amorphous object has such satisfactory properties that it has excellent solubility, is stable, does not readily become a crystalline form, and has low hygroscopicity. It is hence suitable for use in pharmaceutical preparations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2093/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR PREPARING PURINE COMPOUNDS

(51) International classification :C07D 487/04

(31) Priority Document No :60/621,559

(32) Priority Date :22/10/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2005/003255

Filing Date :10/10/2005

(87) International Publication No :WO 2006/043175

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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1)JOHN ANTHONY RAGAN

No of Pages : 26

No of Claims : 12

(57) Abstract :

A process for preparing compounds of Formula (I) are described herein as well as key intermediates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2094/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR COMMUNICATION SYSTEM INTEROPERABILITY"

(51) International classification	:H04M 11/04	(71) Name of Applicant :
(31) Priority Document No	:60/608,181	1)INTEROPERABILITY TECHNOLOGIES GROUP LLC.
(32) Priority Date	:09/09/2004	Address of Applicant :2695 SPEARPOINT DRIVE RENO, NEVADA
(33) Name of priority country	:U.S.A.	89509, U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/032137	(72) Name of Inventor :
Filing Date	:09/09/2005	1)ROBERT S. BLOCK
(87) International Publication No	:WO 2006/029306	2)RICHARD RICCOBONI
(61) Patent of Addition to Application Number	:NA	3)ALEXANDER A. WENGER
Filing Date	:NA	4)RENE ALBERT STIEGLER III
(62) Divisional to to Application Number	:NA	5)ALAN SPINDEL
Filing Date	:NA	

No of Pages : 28

No of Claims : 22

(57) Abstract :

An system for interlinking communication devices having different communication mechanisms, includes a first device having a plurality of radios that are software configurable to operate on different channels, and/or different frequencies, and/or via different protocols, and a switch arranged to selectively interconnect audio signals with audio inputs of at least one of the plurality of radios, wherein the audio signals are provided by an operator of the first device or comprise demodulated audio output of one of the plurality of radios.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2112/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR INPUTTING USER INSTRUCTIONS OF A USER-CONTROLLABLE TELECOMMUNICATIONS DEVICE

(51) International classification	:G06F 3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SWISSCOM MOBILE AG
(32) Priority Date	:NA	Address of Applicant :SCHWARZTORSTRASSE 61, 3050 BERN,
(33) Name of priority country	:NA	SWITZERLAND. Switzerland
(86) International Application No	:PCT/EP2004/052358	(72) Name of Inventor :
Filing Date	:29/09/2004	1)LAUPER, ERIC
(87) International Publication No	:WO 2006/034732	2)BUSCH LAUPER, KARIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 18

(57) Abstract :

The invention relates to a method, a system and a device for inputting user instructions of a user-controllable telecommunication device (3), whereby an RFID transponder (12) is introduced into the sphere of scope of an RFID transceiver (9, 10) and the RFID identification data of the RFID transponder (12) is transmitted to the RFID transceiver (9, 10), whereby the RFID identification data and/or RFID transceiver identification are transmitted to a collection module (2) by the RFID transceiver (9, 10), whereby an assigned user instruction is selected by means of the collection module (2) as well as by means of tables containing RFID identification data and tables containing RFID transceiver identifications accessible by the collection module and controlling the user-controllable telecommunication device (3) by means of the collection module (2) in accordance to the selected user instruction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2113/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : DOCK SUPPORTING DEVICE

(51) International classification :B63C 5/02
(31) Priority Document No :2004134380
(32) Priority Date :25/11/2004
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2005/000037
Filing Date :03/02/2005
(87) International Publication No :WO 2006/062429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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REZULTATOV.....**

(72)Name of Inventor :

1)ALEKSEEV, ALEKSANDR VIKTOROVICH

2)DOLGOPOLOV, LEONID PAVLOVICH

3)IVANOV, ANATOLY VASILIEVICH

4)NIKITIN, VYACHESLAV ALEKSANDROVICH

5)NOVIKOV, VALERY NIKOLAEVICH

No of Pages : 20

No of Claims : 14

(57) Abstract :

The inventive device comprises a frame (3) which is mountable on the pontoon deck (2) of a dock (1) and on which a movable platform (5) provided with damped keel-blocks having shaped removable cushions (14) is placed. The platform (5) displacement in a direction transverse to the longitudinal central plane (CP) of the dock (1) is limited by end operative and inoperative positions which are fixed and carried out by means of the cable-pulley system of a pull rod (9) provided with a drive (10) which is fixed to the dock (1) sidewall. A through hole (8) is embodied in the frame (3) for a bearing device which unloads the frame (3) when it bears the loaded keel-blocks (6). The frame (3) length in the transverse CP direction of the dock (1) is less than the width of the pontoon deck (2). In a particular case, the frame (3), the platform (5) and the keel-blocks (6) are embodied in the form of welded metal structures, wherein the frame (3) is embodied in such a way that it makes it possible to mount several platforms (5) The platform (5) mobility reduces the time and simplifies a ship docking.

(54) Title of the invention : RESCUE SUBERSIBLE APPARATUS

(51) International classification :B63G 8/00
 (31) Priority Document No :2004133372
 (32) Priority Date :17/11/2004
 (33) Name of priority country :Russia
 (86) International Application No :PCT/RU2005/000041
 Filing Date :07/02/2005
 (87) International Publication No :WO 2006/054914
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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 3)CHELYSHEV, VLADIMIR ALEKSEEVICH
 4)VOROBIEV, VASILY VALENTINOVICH
 5)KALININ, VIKTOR VASILIEVICH
 6)ZUEV-NOSOV, OLEG ALEKSANDROVICH
 7)NOVIKOV, VALERY NIKOLAEVICH
 8)BOGDANOV, ALEKSANDR SERGEEVICH
 9)ZAMAL, GENNADY ALEKSEEVICH
 10)KOZLOV, ANDREI KONSTANTINOVICH**

No of Pages : 22

No of Claims : 6

(57) Abstract :

The invention relates to shipbuilding, in particular to submarine vehicles and can be used for salvage and rescue operations on submarines (11). The inventive submarine escape vehicle (SEV) (1) comprises a body (2, 3), a suction chamber (7) provided with a thrust collar (9), a movement control system (6) and an ancillary manoeuvring and dynamic positioning system (5). The body of the suction chamber (7) comprises a movable ball-shaped belt (8) which is segmented in a particular embodiment in such a way that the segments are relatively displaceable. The thrust collar (9) is mounted above the coamings deck (10) of a damaged object (11) by the ball-shaped belt (8) rum. An external illumination system is provided with lighting elements (13) and light-markers (14) and is optically connected to an optical-television field surveillance system which is embodied in the form a set of TV cameras (12) for remotely detecting the damaged object (11). Said TV cameras (12) are mounted on the body (3) of the SEV (1) around the suction chamber (7) in such a way that multi-angle stereo-pairs are formed, the light markers (14) are fixed to the thrust collar (9), thereby making it possible to control the mutual position of the suction chamber (7) of the SEV (1) and the coamings deck (10) of the damaged object (11). A television information displaying device (15) is computer-assisted and connected to the ancillary manoeuvring and dynamic positioning system (5) by means of the movement control system (6). Said invention improves the operating characteristics of the submarine escape vehicle (1).

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR RECORDING DIGITAL MEDIA CONTENT

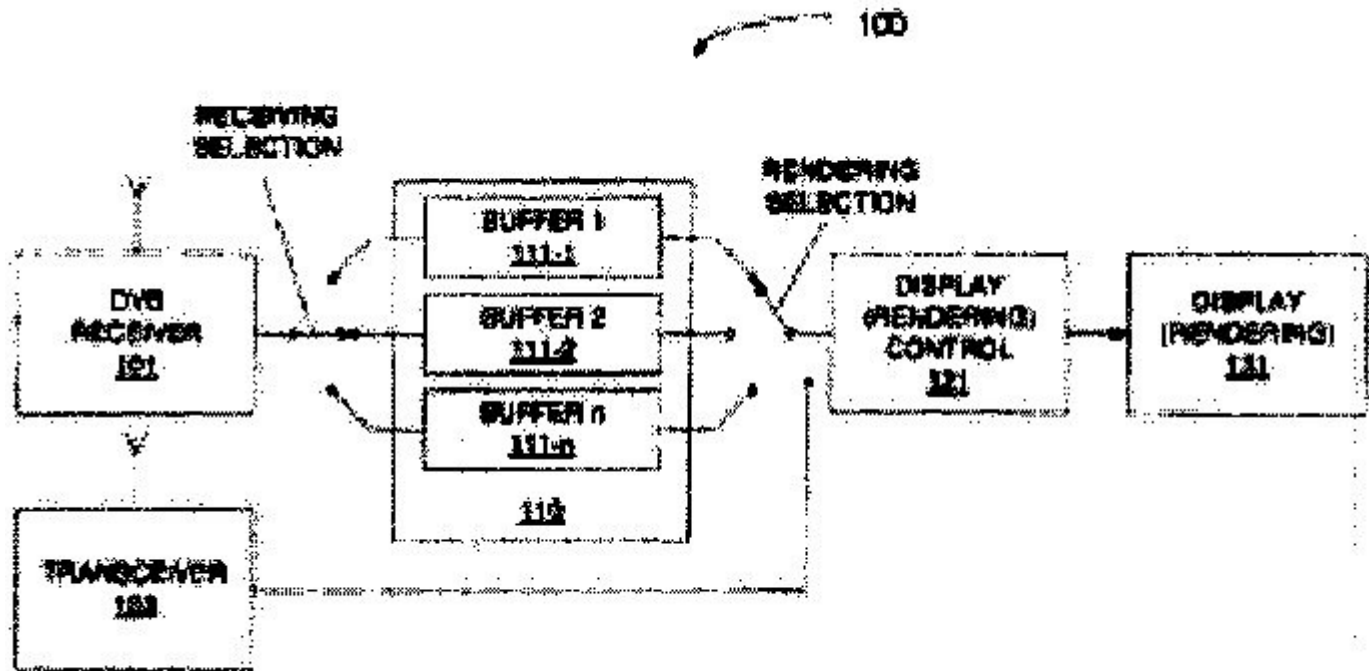
(51) International classification	:H04N 5/00	(71) Name of Applicant :
(31) Priority Document No	:10/962,463	1)NOKIA CORPORATION
(32) Priority Date	:13/10/2004	Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
(33) Name of priority country	:U.S.A.	FINLAND Finland
(86) International Application No	:PCT/IB2005/002328	(72) Name of Inventor :
Filing Date	:04/08/2005	1)PAILA,TONI
(87) International Publication No	:WO 2006/040628	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 30

(57) Abstract :

Methods and systems for automatic recording of digital media content of a main service, which a sub-service is accessed, are described. The method for recording comprises steps of receiving digital media content of a main service, receiving a sub-service signal indicating a request to access a sub-service, accessing the sub-service, initiating automatic recording of the digital media content of the main service, receiving a main service signal indicating a request to return to the main service, and accessing the main service in response to the request to return. The system may include a receiver, a transceiver, a memory, a processor, and a rendering component. The methods and system may be implemented within an electronic device, such as a mobile device or a set-top terminal.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "IMAGING DEVICE"

(51) International classification	:H01L 27/14	(71) Name of Applicant :
(31) Priority Document No	:2005-177990	1)TOPPAN PRINTING CO. LTD.
(32) Priority Date	:17/06/2005	Address of Applicant :5-1 TAITO 1-CHOME, TAITO-KU, TOKYO
(33) Name of priority country	:Japan	110-0016 JAPAN, Japan
(86) International Application No	:PCT/JP2006/309594	(72) Name of Inventor :
Filing Date	:12/05/2006	1)FUKUYOSHI KENZO
(87) International Publication No	:WO 2006/134740	2)KITAMURA SATOSHI
(61) Patent of Addition to Application Number	:NA	3)OGATA KEISUKE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 150

No of Claims : 29

(57) Abstract :

An imaging device (1) comprises a filter (2) used for extracting a specified color component of an incident light, and a light receiving element (3) observing the incident light via the filter (2). The filter includes a transparent filter (2W), a yellow filter (2Y) used for extracting a yellow component and a red filter (2R) used for extracting a red component.

(54) Title of the invention : METHOD FOR THE DECENTRALIZED ASSIGNMENT OF A FREQUENCY BAND TO BASE STATIONS

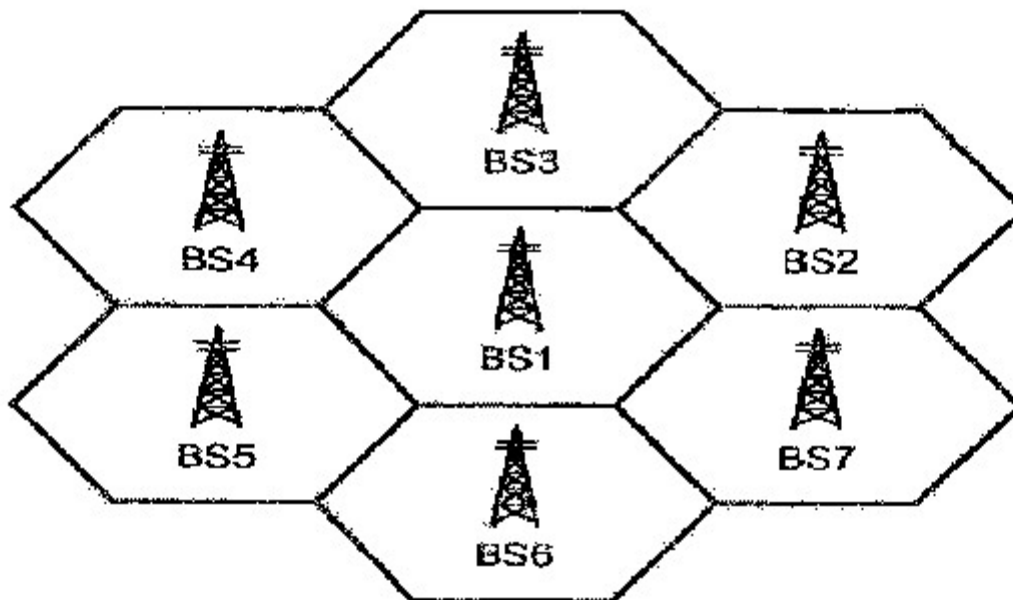
(51) International classification	:H04Q 7/36	(71)Name of Applicant :
(31) Priority Document No	:EP04022722	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:23/09/2004	Address of Applicant :WITTELSBACHERPLATZ 2, D-80333
(33) Name of priority country	:EUROPEAN UNION	MUNICH,GERMANY Germany
(86) International Application No	:PCT/EP2005/053026	(72)Name of Inventor :
Filing Date	:28/06/2005	1)FRANZEN; MICHAEL
(87) International Publication No	:WO 2006/032546	2)OBERMANN ; SEBASTIAN
(61) Patent of Addition to Application Number	:NA	3)WISNIOWSKI ; DAMIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 11

(57) Abstract :

The invention relates to a method for operating a radio communication system comprising network-side (BS1, BS2, BS3, BS4, BS5, BS6, BS7) and subscriber-side radio stations, using a frequency band. Said frequency band can be used for communication respectively by a subset of the network-side radio stations (BS1, BS2, BS3, BS4, BS5, BS6, BS7), in time slots. According to the invention, the network-side radio stations (BS1, BS2, BS3, BS4, BS5, BS6, BS7) are coordinated according to which network-side radio station(s) the frequency band can be used for in a defined time slot. To this end, the network-side radio stations (BS1, BS2, BS3, BS4, BS5, BS6, BS7) respectively emit a message containing a number, the value of said number depending on the radio traffic range expected by the respective network-side radio station (BS1, BS2, BS3, BS4, BS5, BS6, BS7) for the defined time slot. The invention also relates to a network-side radio station and a computer program product for carrying out the inventive method.



(54) Title of the invention : "METHOD AND DEVICE FOR MACHINING PANELS".

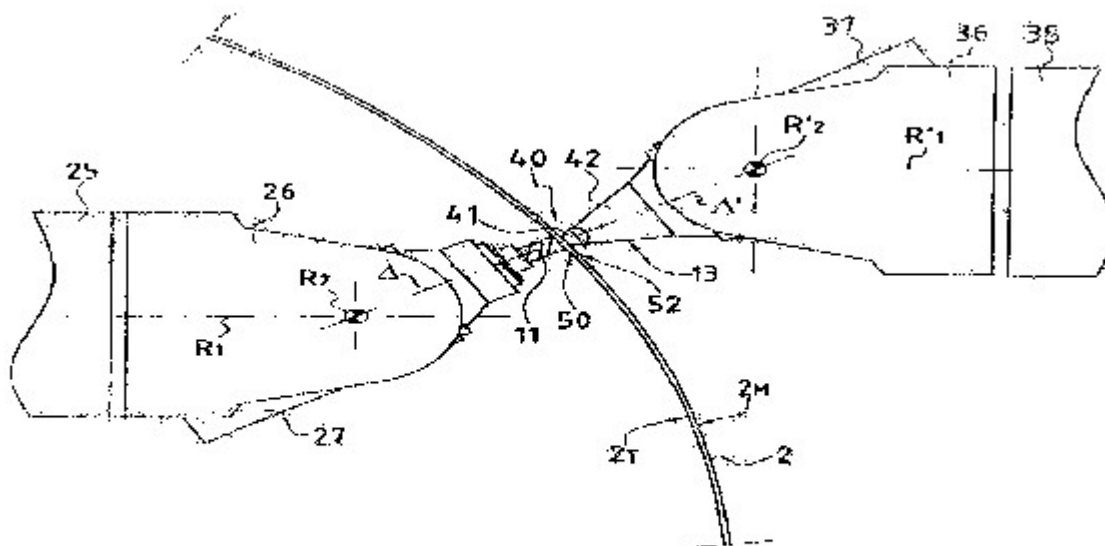
(51) International classification	:B23Q 1/01	(71)Name of Applicant :
(31) Priority Document No	:0312484	1)DUFIEUX INDUSTRIE
(32) Priority Date	:24/10/2003	Address of Applicant :4 RUE, GASTON MONMOUSSEAU, F-38130
(33) Name of priority country	:France	ECHIROLLES, FRANCE. France
(86) International Application No	:PCT/FR2004/002709	2)AIRBUS FRANCE
Filing Date	:22/10/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/046931	1)RENE PANCZUK
(61) Patent of Addition to Application Number	:NA	2)PIERRE-YVES FOISSAC
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 29

(57) Abstract :

The invention relates to a method for machining a panel (2). According to said method, at least one machining tool (11) is arranged in a working area (50) of a so-called machining surface (2T) of the panel (2); at least one holding element (13) is arranged in a support area (52) located on a so-called holding surface (2M) of the panel (2), opposing the machining surface (2T), and on the opposite side, in relation to the panel (2), to the working area (50); and the operating machining tool (11) and the holding element (13) are displaced on the panel in a co-ordinated manner, according to a movement presenting at least one component tangentially to the surface of the panel, in such a way as to maintain the opposition of the support area (52) and the working area (50) during the displacement of the tool, in order to machine at least part of the machining surface. The invention also relates to a device for implementing said method. /Suite sur la page suivante



(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :05/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PRODUCING CARBOXYLIC ACID AND ITS ESTER USING ELECTRON RICH RHODIUM PHOSPHINE BASED CARBONYL COMPLEXES AS CATALYSTS

(51) International classification	:C07C 051/235	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :RAIF MARG, NEW DELHI-110001, INDIA Delhi India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DIPAK KUMAR DUTTA
(33) Name of priority country	:NA	2)J. DEREK WOOLLINS
(86) International Application No	:NA	3)ALEXANDRA M.Z. SLAWIN
Filing Date	:NA	4)DILIP KONWAR
(87) International Publication No	:NA	5)PANKAJ DAS
(61) Patent of Addition to Application Number	:NA	6)MANAB SHARMA
Filing Date	:NA	7)PRAVAT BHATTACHARYYA
(62) Divisional to to Application Number	:NA	8)STEPHEN M AUCOTT
Filing Date	:NA	

No of Pages : 16

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 chelated $[\text{Rh}(\text{CO})\text{CIL}]$ or $\text{trans-}[\text{Rh}(\text{CO})\text{CIL}_2]$ as catalyst precursors, where L is a phosphine based chelating ligand.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2193/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "BINDER RESIN FOR TONER, METHOD FOR PRODUCING THE SAME, AND TONER FOR ELECTROPHOTOGRAPHY USING THE RESIN"

(51) International classification	:C08G 81/02
(31) Priority Document No	:2003-332582
(32) Priority Date	:24/09/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/013893
Filing Date	:24/09/2004
(87) International Publication No	:WO 2005/028545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Tokyo 105-7117 (JAPAN). Japan
(72)**Name of Inventor :**
1)TAKESHI YOSHIDA,
2)KAZUYA SAKATA

No of Pages : 22

No of Claims : 4

(57) Abstract :

Disclosed is a binder resin for a toner which contains a styrene-acrylic resin having a gel component and a small amount of a volatile component. Also disclosed are a method for producing the binder resin and a toner employing the binder resin. A binder resin (A) for a toner contains a styrene-acrylic resin having a structure derived from a carboxyl group and a structure derived from a glycidyl group, wherein the content (AIS) of a gel component is 1 mass % $\leq$ AIS $\leq$ 50 mass % and the content (AVo) of a volatile component in the resin is AVo $\leq$ 200 ppm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2201/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD OF MANAGING USER KEY FOR BROADCAST ENCRYPTION

(51) International classification	:H04N 5/913
(31) Priority Document No	:10-2005-0106604
(32) Priority Date	:08/11/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/003842
Filing Date	:12/11/2005
(87) International Publication No	:WO 2006/052111
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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3)KIM,HWAN-JOON

4)PARK,SUNG-JOON

5)CHEON, JUNG-HEE

6)KIM, MYUNG-HWAN

7)JHO, NAM-SU

8)YOO, EUN-SUN

No of Pages : 35

No of Claims : 23

(57) Abstract :

O K O A user key management method for a broadcast encryption includes assigning node path identifiers (IDs) to nodes arranged in sequence; assigning random seed value keys to the nodes according to the node path IDs; generating key values by repeatedly applying a hash function to the assigned random seed value keys; and assigning the generated key values to the nodes in sequence. Accordingly, it is possible to reduce the transmission overhead that is most important matter in the broadcast encryption to less than the number of the revoked users. Further, there is an advantage that the transmission overhead of the exemplary embodiments of the present invention is remarkably reduced compared with the Subset Difference method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2213/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ENCIPHERING METHOD"

(51) International classification	:H04K 1/04
(31) Priority Document No	:60/620,877
(32) Priority Date	:20/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/037877
Filing Date	:18/10/2005
(87) International Publication No	:WO 2006/045038
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CISCO TECHNOLOGY, INC.

Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CA
95134-1706, USA U.S.A.

(72)**Name of Inventor :**

1)DAVID A.MCGREW

2)SCOTT FLUHRER

No of Pages : 31

No of Claims : 23

(57) Abstract :

A block cipher mode of operation implements a block cipher with an arbitrary block length and provides output ciphertext that is always the same size as the input plaintext. The mode can provide the best possible security in systems that cannot allow data expansion, such as disk-block encryption and some network protocols. The mode accepts an additional input, which can be used to protect against attacks that manipulate the ciphertext by rearranging the ciphertext blocks. The universal hash function from Galois/Counter Mode of operation for block ciphers may be used in an embodiment for hardware and software efficiency.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2214/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR BALANCING WIRELESS ACCESS BASED ON CENTRALIZED INFORMATION"

(51) International classification	:H04M 3/16	(71) Name of Applicant :
(31) Priority Document No	:10/974,418	1)CISCO TECHNOLOGY, INC.
(32) Priority Date	:26/10/2004	Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CA
(33) Name of priority country	:U.S.A.	95134-1706, USA U.S.A.
(86) International Application No	:PCT/US2005/038831	(72) Name of Inventor :
Filing Date	:25/10/2005	1)ARTHUR ZAVALKOVSKY
(87) International Publication No	:WO 2006/047699	2)JEREMY STIEGLITZ
(61) Patent of Addition to Application Number	:NA	3)AMI SCHIEBER
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 20

(57) Abstract :

A method and apparatus for managing and balancing wireless access based on centralized information is provided. A request to provide service to a wireless client is received from a first access node in a plurality of access node. An access policy, applicable to the first access node, is selected from a plurality of stored policies. The stored policies may include a variety of rules, such as how many or which wireless clients may be serviced by an access node. A centralized manager, such as an AAA server, may perform the selection of the access policy. A determination is made as to whether to allow the first access node to provide service to the wireless client based on the selected access policy. A message that instructs the first access node whether to provide or deny service to the wireless client is transmitted to the first access node.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2215/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ERROR PROTECTING GROUPS OF DATA WORDS"

(51) International classification	:H03M 13/00	(71) Name of Applicant :
(31) Priority Document No	:11/040,678	1)CISCO TECHNOLOGY, INC.
(32) Priority Date	:22/01/2005	Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CA
(33) Name of priority country	:U.S.A.	95134, USA U.S.A.
(86) International Application No	:PCT/US2005/046910	(72) Name of Inventor :
Filing Date	:26/12/2005	1)ODED TRAININ
(87) International Publication No	:WO 2006/078418	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 25

(57) Abstract :

Disclosed are, inter alia, methods, apparatus, data structures, computer-readable media, and mechanisms, for use in protecting groups of data words (100). One embodiment manipulates these data words (101) to generate a resultant data word (102) and an error correction code (103) thereon for use in identifying a position of a bit error, with error detection codes used to identify which data word actually has the bit error. One embodiment retrieves a stored particular data word and its error detection code from memory or other storage. If an error is detected, the other data word in the group corresponding to the error correction code are acquired and are manipulated to produce a new resultant data word. The error correction code and the new resultant data word are used to identify the position of the bit error, with a corresponding bit position corrected in the particular data word.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2216/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "CACHING CONTENT AND STATE DATA AT A NETWORK ELEMENT"

(51) International classification :G06F 15/16

(31) Priority Document No :10/997,616

(32) Priority Date :23/11/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/041254

Filing Date :15/11/2005

(87) International Publication No :WO 2006/057852

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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3)RAJ K.DE DATTA

No of Pages : 96

No of Claims : 31

(57) Abstract :

Methods are disclosed for caching content and state data at a network element. In one embodiment, data packets are intercepted at a network element. An application layer message, which specifies a request for specified data from a server application, is determined from the data packets. A first portion of the specified data contained in the network element's cache is determined. A message that requests a second portion of the data not contained in the cache is sent toward a server application. A first response that contains the second portion, but not the first portion, is received. A second response, which contains the first and second portions, is sent toward a client application. In one embodiment, data packets are intercepted at the network element. An application layer message, which specifies session or database connection state information, is determined from the data packets. The state information is cached at the network element.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2282/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : DENDRIMER BASED COMPOSITIONS AND METHODS OF USING THE SAME

(51) International classification :A61B 5/055

(31) Priority Document No :60/604,321

(32) Priority Date :25/08/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/030278

Filing Date :25/08/2005

(87) International Publication No :WO 2006/033766

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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3)BAKER,JAMES B.

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5)KUKOWSKA-LATALLO,JOLANTA F.

No of Pages : 134

No of Claims : 89

(57) Abstract :

The present invention relates to novel therapeutic and diagnostic dendrimers. In particular, the present invention is directed to dendrimer based multifunctional compositions and systems for use in disease diagnosis and therapy (e.g., cancer diagnosis and therapy). The compositions and systems comprise one or more components for targeting, imaging, sensing, and/or providing a therapeutic or diagnostic material and monitoring the response to therapy of a cell or tissue (e.g., a tumor).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2284/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : USE OF AN ELECTROCHEMICAL CELL SUCH AS FUEL CELL

(51) International classification :H01M 8/08

(31) Priority Document No :0420961.5

(32) Priority Date :21/09/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2005/003644

Filing Date :21/09/2005

(87) International Publication No :WO 2006/032887

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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3)SCOWCROFT, STEVEN DAVID

No of Pages : 21

No of Claims : 25

(57) Abstract :

A method of performing an electrochemical reaction in an electrochemical cell comprises electrodes separated by a membrane capable of taking up an electrolyte, the method comprises introducing into the cell a fuel or other oxidisable component and an electrolyte, and oxidising the fuel in the presence of an acid or alkali. Alternatively or in addition, usage of fuel may be monitored by including a reactant that is capable of undergoing or imparting a change in visual appearance on oxidation or reduction; and monitoring any change in visual appearance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2300/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ELECTROPLATED METALS WITH SILVERY-WHITE APPEARANCE AND METHOD OF MAKING"

(51) International classification :B32B 15/20

(31) Priority Document No :10/950,242

(32) Priority Date :24/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/031735

Filing Date :06/09/2005

(87) International Publication No :WO 2006/036479

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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2)SMELCER,JOHNNY

3)BEETS, RANDY

No of Pages : 23

No of Claims : 9

(57) Abstract :

Metals having a silvery-white appearance and methods of producing the same. In one embodiment, the composite material of the present invention comprises a metallic core (12, 22), a first layer (14, 24), and a second layer (16, 26). The first layer encases the external surfaces of the metallic core and is produced by electroplating copper or copper alloy from a first bath containing copper ions. The second layer encases the first layer and is produced by electroplating white bronze from a second bath containing copper and tin ions. The composite has a silvery-white appearance and does not include exposed nickel so that persons allergic to nickel metals are not affected by the composite. The composite material may be configured by standard processing methods to finished products such as coins, tokens, and medallions, keys, and other non-nesting articles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2301/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "LIPOSOMAL COMPOSITIONS OF GLUCOCORTICOID AND GLUCOCORTICOID DERIVATIVES"

(51) International classification :A61K 9/127 (31) Priority Document No :60/608,140 (32) Priority Date :09/09/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IL2005/000963 Filing Date :11/09/2005 (87) International Publication No :WO 2006/027787 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HERBREW UNIVERSITY OF JERUSALEM Address of Applicant :HI TECH PARK, EDMOND SAFRA CAMPUS, GIVAT RAM, 91390 JERUSALEM, ISRAEL Israel (72) Name of Inventor : 1)BARENHOLZ, YECHEZKEL 2)GABIZON, ALBERTO,A. 3)AVNIR, YUVAL

No of Pages : 50

No of Claims : 15

(57) Abstract :

The present invention provides pharmaceutical compositions comprising a glucocorticoid or glucocorticoid derivative stably encapsulated in a liposome, the stability being exhibited by a reduction in the glucocorticoid or glucocorticoid derivative of less than 20% after 14 months of storage. The glucocorticoid or glucocorticoid derivative is selected from an amphipathic weak base glucocorticoid or glucocorticoid derivative having a pKa equal or below 11 and a logD at pH 7 in the range between -2.5 and 1.5; or an amphipathic weak acid GC or GC derivative having a pKa above 3.5 and a logD at pH 7 in the range between -2.5 and 1.5. The invention also provides the use of the above defined glucocorticoid or glucocorticoid derivative for the preparation of such pharmaceutical compositions as well as methods of treatment utilizing same. The therapeutic effect of the pharmaceutical composition of the invention was exhibited in vivo with appropriate models of multiple sclerosis and cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2302/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : HIGH CORROSION RESISTANCE GALVANNEALED STEEL MATERIAL HAVING HAIRLANE APPEARANCE

(51) International classification	:C23C 2/06	(71)Name of Applicant :
(31) Priority Document No	:2004-282443	1)NIPPON STEEL CORPORATION
(32) Priority Date	:28/09/2004	Address of Applicant :6-3, OTEMACHI 2-CHOME, CHIYODA-KU,
(33) Name of priority country	:Japan	TOKYO 100-8071, JAPAN. Japan
(86) International Application No	:PCT/JP2005/006975	(72)Name of Inventor :
Filing Date	:04/04/2005	1)AKIRA TAKAHASHI
(87) International Publication No	:WO 2006/035527	2)YOSHIO KIMATA
(61) Patent of Addition to Application Number	:NA	3)SATORU TANAKA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 11

(57) Abstract :

The present invention provides a high corrosion resistance galvanized steel material having a hairline appearance able to be used for the same applications as applications for stainless steel material, that is, a high corrosion resistance galvanized steel material having a hairline appearance having a plating layer with a plating deposition of 10 to 600 g/m², containing Al: 1 to 60 mass%, Mg: 0.1 to 10 mass%, and a balance of Zn and unavoidable impurities, and having hairlines formed on the surface, said hairlines having a surface roughness Ra of 0.2 to 2.5 Åm and a peaks per inch PPI of 50 to 400 in a direction perpendicular to the hairlines, having a surface roughness Ra of 0.1 to 1.2 Åm and a peaks per inch PPI of 1 to 100 in the hairline direction, and having a surface roughness Ra in a direction perpendicular to the hairlines of 1.2 times or more the surface roughness Ra in the hairline direction and a PPI in a direction perpendicular to the hairlines of 2.0 times or more the PPI in the hairline direction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2306/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR SHARING BANDWIDTH USING REDUCED DUTY CYCLE SIGNALS

(51) International classification :H04B 7/212

(31) Priority Document No :10/998572

(32) Priority Date :30/11/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/042626

Filing Date :22/11/2005

(87) International Publication No :WO 2006/060266

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

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2)SHVODIAN, WILLIAM, M.

No of Pages : 34

No of Claims : 25

(57) Abstract :

A method is provided for transmitting data. A first device (121) generates a first signal (320) having a first duty cycle, comprising a first gated-on portion (323) and a first gated-off portion (363) in a time slot (260); and a second device (125) generates a second signal (330) having second duty cycle, comprising a second gated-on portion (333) and a second gated-off portion (363) in the same time slot (260). The first gated-on portion (323) is generated during a first segment of the time slot (260) and the first gated-off portion (363) is generated during a second segment of the time slot (260), while the second gated-on portion (333) is generated during the second segment and the second gated-off portion (363) is generated during the first segment. The first and second duty cycles are individually below 100% and the sum of the first and second duty cycles is below 100%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2307/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR FALL DETECTION

(51) International classification :G01P 15/00

(31) Priority Document No :11/001957

(32) Priority Date :01/12/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/038154

Filing Date :25/10/2005

(87) International Publication No :WO 2006/060077

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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2)BORRAS, RODRIGO L.

3)GOMEZ, LETICIA

4)UEDA, AKIHIRO

No of Pages : 28

No of Claims : 21

(57) Abstract :

A system and method is provided for electronic device fall detection. The system and method provides the ability to reliably detect falls even in the presence of other motion in the electronic device. The fall detection system includes a plurality of accelerometers (102) and a processor (104). The plurality of accelerometers (102) provides acceleration measurements to the processor (104), these measurements describing the current acceleration of the electronic device in all directions. The processor (104) receives the acceleration measurements and compares the acceleration measurements to a value range to determine if the device is currently falling. Furthermore, the system and method can reliably detect a non-linear fall, such as when the fall is accompanied with device rotation or initiated by additional external force. To detect a non-linear fall, the processor (104) compares combinations of acceleration measurements to a value range and further determines the smoothness of the acceleration measurement combinations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2332/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :26/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "DEVICE FOR COVERING A RECESS IN A CARRIER PART"

(51) International classification	:F16B 19/00	(71) Name of Applicant :
(31) Priority Document No	:10 2004 051 590.5	1)A.RAYMOND & CIE
(32) Priority Date	:22/10/2004	Address of Applicant :115, COURS BERRIAT, F-38000 GRENOBLE,
(33) Name of priority country	:Germany	FRANCE France
(86) International Application No	:PCT/EP2005/008171	(72) Name of Inventor :
Filing Date	:28/07/2005	1)BOUBTANE, MOHIEDDINE
(87) International Publication No	:WO 2006/045363	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 3

(57) Abstract :

The invention relates to a device for covering a recess in a carrier part (8), said device comprising a shaft (1) that can be guided through the recess (7), a covering screen (6) that is connected to the shaft (1) and laterally protrudes in relation to the same, and a catch arrangement (3, 4) connected to the shaft (1). Said catch arrangement (3, 4) is designed in such a way that it engages with the carrier part (8) when an axial force is applied to the shaft (1), and the covering screen (6) lies in a bearing region on a bearing side (11) of the carrier part (8). According to the invention, the covering screen (6) comprises a rigid peripheral outer section (9) and a peripheral deformation section (12) arranged between the outer section (9) and the shaft (1), said deformation section being less rigid than the outer section (9). In this way, the covering screen (6) can be prevented from pivoting even with the application of relatively high insertion forces.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2339/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :26/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METAL ALANATES DOPED WITH OXYGEN"

(51) International classification :C01B 6/24

(31) Priority Document No :10/951,011

(32) Priority Date :27/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/033997

Filing Date :27/09/2005

(87) International Publication No :WO 2006/036742

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

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2)ANTON DONALD L

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No of Pages : 12

No of Claims : 21

(57) Abstract :

A metal alanate material useful for reversible hydrogen storage as in fuel cell applications includes a metal alanate material that is doped with oxygen. In discussed examples, the metal alanate material is one of an alkali metal alanate or mixed alkali metal-alkaline earth metal alanate. In some examples, the oxygen is doped into the metal alanate from an unstable solid oxide having -&Dgr;GfÂ°

(54) Title of the invention : "ELECTRONIC DEVICE WITH THREE MOVABLE LAYERS"

(51) International classification :H04M 1/02
 (31) Priority Document No :10/945,576
 (32) Priority Date :20/09/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/033734
 Filing Date :20/09/2005
 (87) International Publication No :WO 2006/034309
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

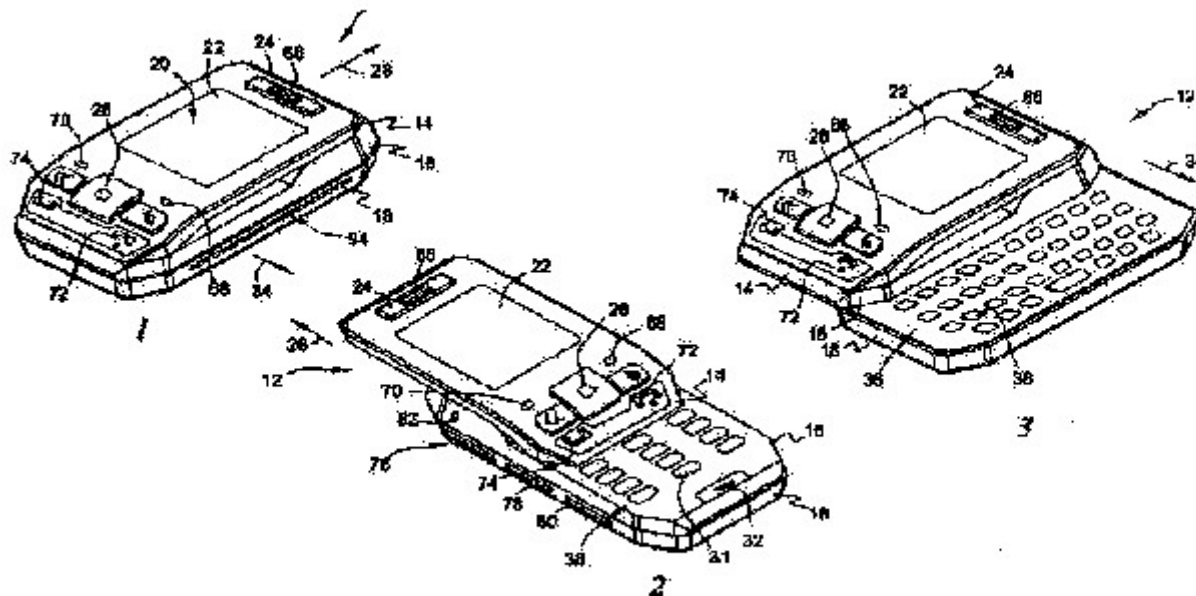
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3)JEFFREY SWANSON
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No of Pages : 28

No of Claims : 37

(57) Abstract :

The disclosed embodiments provide devices and methods for movably connecting module layers of an electronic device (12) to discretely actuate a first predetermined operational mode while locking out other predetermined operational modes. In one embodiment, for example, an electronic device includes a first module layer movable in a first direction and a second module layer movably connected relative to the first module layer. Further, a third module layer is movably connected relative to the second module layer and movable in a second direction. Additionally, a locking member is engageable with the third module layer to prevent movement in the second direction during movement of the first module layer in the first direction. The locking member (10) may also be engageable with the first module layer to prevent movement in the first direction during movement of the third module layer in the second direction.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2361/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :28/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "A TRANSMISSION DEVICE FOR AN AUXILIARY OR ACCESSORY OF A VARIABLE-SPEED ENGINE, AN ENGINE EQUIPPED THEREWITH AND USES THEREOF"

(51) International classification	:F16H 61/02	(71) Name of Applicant :
(31) Priority Document No	:04 10083	1)ANTONOV AUTOMOTIVE TECHNOLOGIES B.V
(32) Priority Date	:23/09/2004	Address of Applicant :WEENA 89, NL-3013 CH ROTTERDAM THE
(33) Name of priority country	:France	NETHERLANDS Netherlands
(86) International Application No	:PCT/FR2005/002349	(72) Name of Inventor :
Filing Date	:22/09/2005	1)ANTONY ROUMEN
(87) International Publication No	:WO 2006/032790	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 21

(57) Abstract :

The invention concerns a transmission device (12) mounted between a supercharger compressor (7) and a pulley (11) designed to drive same from the vehicle motor. The device comprises two successive modules (16, 46) each capable of a direct engagement ratio through a free wheel (31, 61), or of an overdrive ratio by locking the planet gear (21, 51) by means of a clutch (26, 56) clamped by a spring (28) or released by the action of centrifugal counter-weights (32, 62) whereof the action is at least compensated by the axial thrust of the teeth FP produced by the planet gear (21, 52) when it is loaded. The invention is useful for independently regulating the rotational speed of the apparatus (7) notwithstanding the speed variations of the pulley (11).

(54) Title of the invention : METHOD FOR REGISTERING A MOBILE COMMUNICATION TERMINAL IN A LOCAL AREA NETWORK

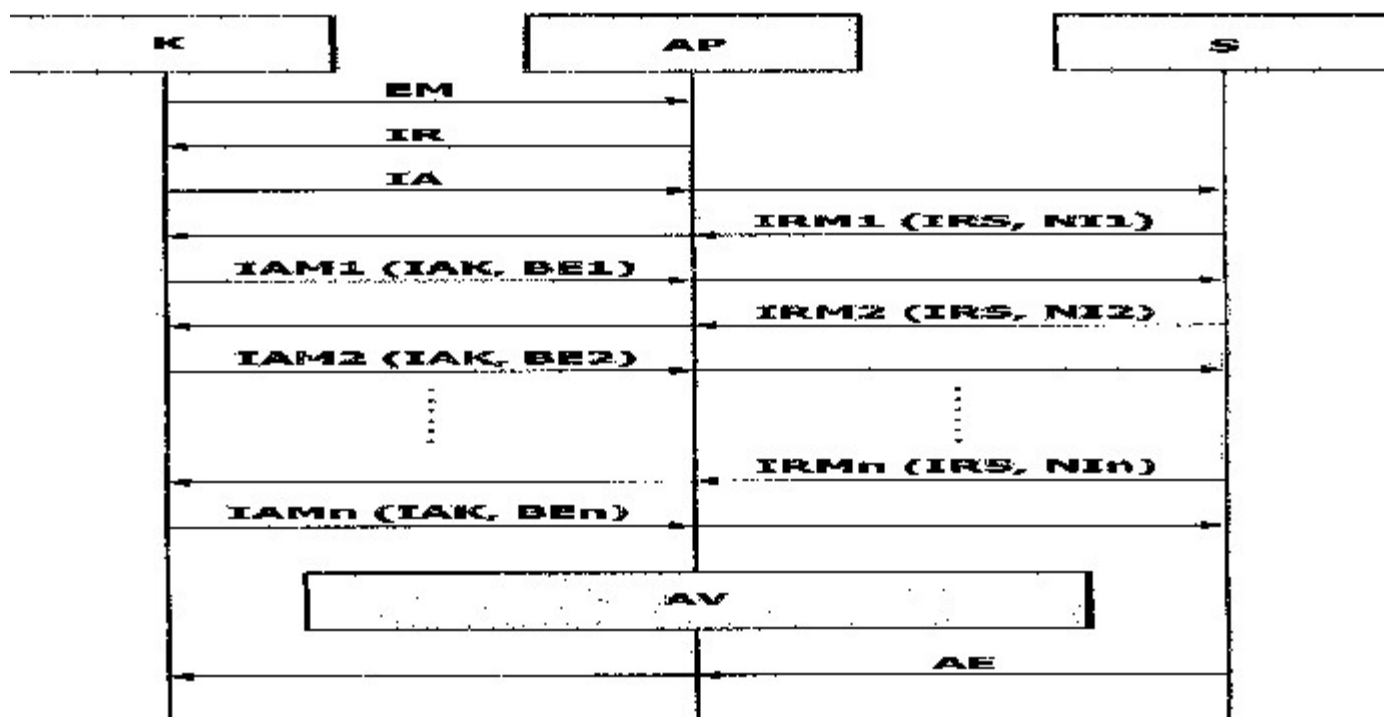
(51) International classification	:H04L 29/06	(71)Name of Applicant :
(31) Priority Document No	:10 2004 051 840.8	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:25/10/2004	Address of Applicant :WITTELSBACHERPLATZ 2, D-80333
(33) Name of priority country	:Germany	MUNICH, GERMANY Germany
(86) International Application No	:PCT/EP2005/054387	(72)Name of Inventor :
Filing Date	:06/09/2005	1)BERG;STEFAN
(87) International Publication No	:WO 2006/045665	2)GROTING; WOLFGANG
(61) Patent of Addition to Application Number	:NA	3)KOORA;KALYAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 9

(57) Abstract :

The invention relates to a method for registering a mobile communication terminal (K) in a local area network. According to said method, a server (S) sends a first identity Data request message (IRM1, IRM2 IRMn) that contains an identity request message (IRS) and a network data element (MM, NI2, ..., Nln) to the mobile communication terminal (K) via an access point (AP) in one step, said network data element (NI1, NI2, ..., Nln) containing the data to the mobile communication terminal (K), while additional data is transmitted to the mobile communication terminal (K) via the access point (AP) in the framework of additional identity data request messages (IRM1, IRM2, ..., IRMn), and at least one second identity data request message (IRM2) which contains an identity request message (IR) that can be ignored as well as at least some of the second data to be transmitted from the server (S) via the access point (AP) is sent to the mobile communication terminal (K).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2381/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ELECTRONIC DEVICE WITH THREE MOVABLE LAYERS"

(51) International classification :H04M 1/02

(31) Priority Document No :10/945,577

(32) Priority Date :20/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/033743

Filing Date :20/09/2005

(87) International Publication No :WO 2006/034314

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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No of Pages : 40

No of Claims : 66

(57) Abstract :

The disclosed embodiments provide devices and methods for movably connecting module layers of an electronic device to actuate one operational mode while limiting actuation of other modes. In one embodiment, an electronic device includes a first module layer movable in a first direction and a second module layer movably connected relative to the first module layer. Further, a third module layer is movably connected relative to the second module layer and movable in a second direction. Additionally, a limiting member is movably positioned relative to the module layers to be engageable with the third module layer to prevent movement in the second direction during movement of the first module layer in the first direction, or to be engageable with the first module layer to prevent movement in the first direction during movement of the third module layer in the second direction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2383/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "TECHNICAL SPECIFICATION EDITOR"

(51) International classification :A61K 9/20

(31) Priority Document No :10/955,556

(32) Priority Date :30/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/035122

Filing Date :29/09/2005

(87) International Publication No :WO 2006/039454

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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No of Pages : 64

No of Claims : 28

(57) Abstract :

The production of formal technical specification documents using a web-based interface is disclosed. The interface is used to identify one or more products, for example, lighting control systems that will be used in a construction. After receiving a selection of one or more products, a database is referenced to automatically retrieve text for the technical specification document that corresponds with the product(s), and a fully formatted technical specification document is generated for a user. Any portion of the technical specification document may be altered by the user via the user interface. Any technical specification document that is generated in accordance with the present invention can be stored to be used in the future as a template for new technical specification documents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2388/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR PREPARING TELMISARTAN"

(51) International classification	:C07D 235/18	(71) Name of Applicant :
(31) Priority Document No	:60/619,563	1)TEVA PHARMACEUTICAL INDUSTRIES, LTD
(32) Priority Date	:15/10/2004	Address of Applicant :5 BASEL STREET, P.O.BOX 3190 PETAH
(33) Name of priority country	:U.S.A.	TIQVA 49131, ISRAEL Israel
(86) International Application No	:PCT/US2005/037001	(72) Name of Inventor :
Filing Date	:13/10/2005	1)NURIT PERLMAN
(87) International Publication No	:WO 2006/044648	2)EYAL GILBOA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 30

(57) Abstract :

Provided are processes for preparing telmisartan alkyl ester and teimisartan using environmentally friendly organic solvents that are easily removed from the reaction mixture, wherein a telmisartan alkyl ester is isolated and hydrolyzed to form telmisartan or the telmisartan is prepared using a synthesis in a single reaction vessel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2395/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR TRACKING CONTAINERS HAVING METALLIC PORTIONS, COVERS FOR CONTAINERS HAVING METALLIC PORTIONS, TAGS FOR USE WITH CONTAINER HAVING METALLIC PORTIONS AND METHODS OF CALIBRATING SUCH TAGS"

(51) International classification	:B65D 25/20	(71)Name of Applicant :
(31) Priority Document No	:60/614,072	1)CHECKPOINT SYSTEMS, INC.
(32) Priority Date	:29/09/2004	Address of Applicant :101 WOLF DRIVE, THOROFARE, NEW
(33) Name of priority country	:U.S.A.	JERSEY 08086 USA. U.S.A.
(86) International Application No	:PCT/US2005/035140	(72)Name of Inventor :
Filing Date	:28/09/2005	1)APPALUCCI LARRY
(87) International Publication No	:WO 2006/039461	2)MCGOLDRICK DAVE
(61) Patent of Addition to Application Number	:NA	3)ROBERTS PAUL A.
Filing Date	:NA	4)WEST GEORGE
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 96

(57) Abstract :

The present invention is directed towards a novel procedure and system for making a security tag for an aluminum-pressed, cardboard container. The method employs a system of distancing the tag from the container and a method of calibrating the tag. The tag is then inserted into a specially designed cap and spaced a given distance from the container. The product is sealed and then sold to the consumer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2411/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "USE OF LIPOSOMAL GLUCOCORTICOIDS FOR TREATING INFLAMMATORY STATES"

(51) International classification :A61K 9/127
(31) Priority Document No :60/608,140
(32) Priority Date :09/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000962
Filing Date :11/09/2005
(87) International Publication No :WO 2006/027786
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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Address of Applicant :HI TECH PARK, EDMOND SAFRA
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2)HADASIT MEDICAL RESEARCH SERVICES &
DEVELOPMENT LIMITED
(72)**Name of Inventor :**
1)BARENHOLZ, YECHEZKEL
2)NAPARSTEK,YAAKOV
3)AVNIR, YUVAL
4)ULMANSKY, RINA

No of Pages : 52

No of Claims : 17

(57) Abstract :

The present invention provides the use of a glucocorticoid (GC) or of a GC derivative encapsulated in a liposome for the preparation of a pharmaceutical composition for the treatment of an inflammatory associated condition in a subject, provided that said condition is not associated with a neurodegenerative disease or disorder, wherein said GC or GC derivative is essentially retained in said liposome for 6 months, the GC or GC derivative being selected from: i) an amphipathic weak base GC or GC derivative having a pKa equal or below 11 and a logD at pH 7 in the range between about -2.5 and about 1.5, preferably, in the range between about -1.5 and about 1.0; ii) an amphipathic weak acid GC or GC derivative having a pKa above 3.5 and a logD at pH 7 in the range between about -2.5 and about 1.5, preferably, in the range between about -1.5 and about 1.0 A specific use concerns a liposomal formulation comprising methylprednisolone sodium hemisuccinate (MPS) for the treatment of treatment of rheumatoid arthritis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "TADALAFIL CRYSTAL FORMS AND PROCESSES FOR PREPARING THEM"

(51) International classification	:A61K 31/4985	(71) Name of Applicant :
(31) Priority Document No	:60/624,412	1)TEVA PHARMACEUTICAL INDUSTRIES, LTD
(32) Priority Date	:02/11/2004	Address of Applicant :5 BASEL STREET,P.O.BOX 3190 PETAH
(33) Name of priority country	:U.S.A.	TIQVA 49131, ISRAEL Israel
(86) International Application No	:PCT/US2005/039828	(72) Name of Inventor :
Filing Date	:02/11/2005	1)SHLOMIT WIZEL
(87) International Publication No	:WO 2006/050458	2)ARIEL GIVANT
(61) Patent of Addition to Application Number	:NA	3)DOV DILLER
Filing Date	:NA	4)BARNABA KROCHMAL
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 73

No of Claims : 91

(57) Abstract :

The present invention provides tadalafil crystal forms II, III, IV, VI, VII, and VIII, and processes for preparing these forms. The present invention also provides processes for preparing tadalafil forms I and V.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "MEDIUM-CHAIN LENGTH FATTY ALCOHOLS AS STIMULATORS OF HEMATOPOIESIS"

(51) International classification :A61K 31/045

(31) Priority Document No :60/614,478

(32) Priority Date :01/10/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2005/001490

Filing Date :29/09/2005

(87) International Publication No :WO 2006/086871

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)PROMETIC BIOSCIENCES INC.

Address of Applicant :8168 MONTVIEW ROAD, MONT-ROYAL, QUEBEC H4P 2L7, CANADA Canada

(72)**Name of Inventor :**

1)PENNEY, CHRISTOPHER

2)GAGNON, LYNE

3)BARABE, JEAN

No of Pages : 25

No of Claims : 20

(57) Abstract :

Medium-chain length fatty alcohols such as octanol, decanol, dodecanol can be used as a stimulator of hematopoiesis, hematopoietic stem cell proliferation, and/or proliferation of one or more of the progenitors of red or white blood cells (e.g., erythrocyte, leukocyte, neutrophil, granulocyte, megakaryocyte, or any combination thereof)- It also relates to the treatment of myelosuppression; in particular, this includes the treatment of anemia and/or neutropenia associated with chemotherapy and/or radiotherapy. Moreover, anemia arising from chronic renal failure or treatment of HIV-infected patients with AZT (zidovudine), or other inhibitors of reverse transcriptase, can be treated. Furthermore, neutropenia arising from infections, hematologic diseases, or nutritional deficiencies can be treated. It also relates to reducing drug toxicity and drug efficiency.

(54) Title of the invention : DISTRIBUTED COMMUNICATION SYSTEM USING TWO COMMUNICATION CONTROLLERS AS WELL AS METHOD FOR OPERATING SUCH COMMUNICATION SYSTEM

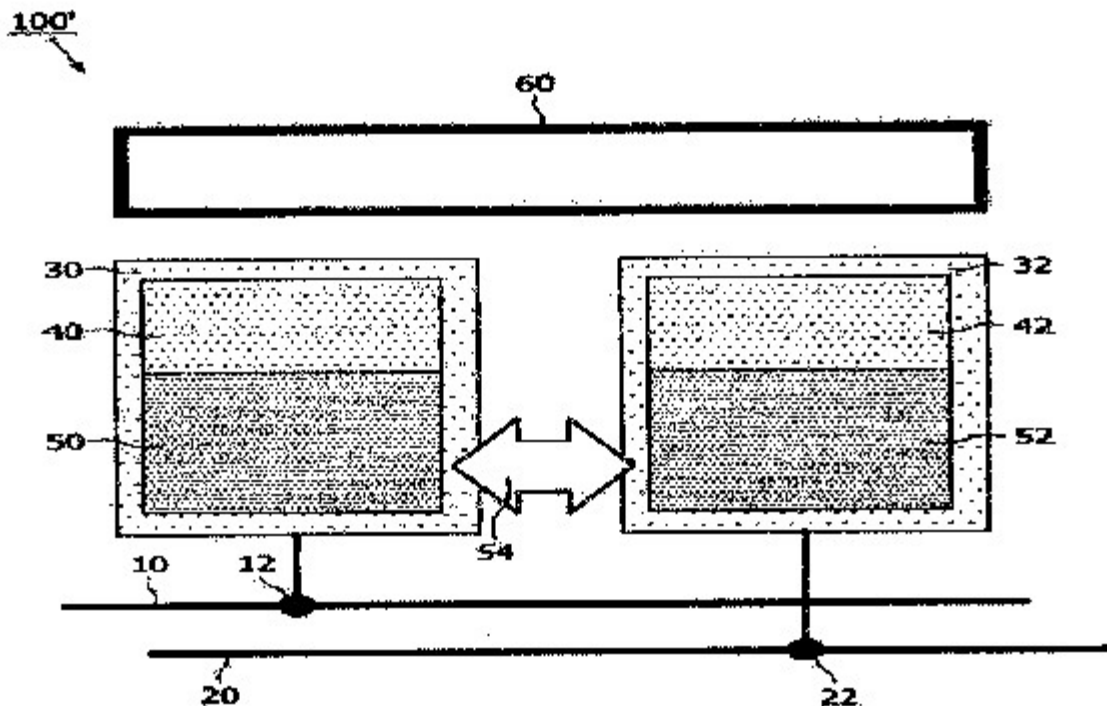
(51) International classification	:H04L 12/437	(71)Name of Applicant :	
(31) Priority Document No	:04104222.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V	
(32) Priority Date	:02/09/2004	Address of Applicant :GROENEWOUDSEWEG 1, NL-5621 BA	
(33) Name of priority country	:EUROPEAN	EINDHOVEN (NL) Netherlands	
(86) International Application No	:PCT/IB2005/052713	(72)Name of Inventor :	
Filing Date	:17/08/2005	1)UNGERMANN, JORN	
(87) International Publication No	:WO 2006/024982		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 33

No of Claims : 10

(57) Abstract :

In order to provide a method for operating a distributed communication system, in particular for synchronizing clocks in such distributed communication system, with a number of nodes (100; 100'; 100'') being interconnected by at least one communication link comprising at least two channels (10, 20), wherein it is possible to maintain access of the application host (60) to at least one of the channels (10, 20) attached to the communication controller (30, 32) in case this communication controller (30, 32) fails or breaks down, it is proposed that each channel (10, 20) is controlled by its own communication controller (30,32)



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2439/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "MULTI-LINE ADDRESSING METHODS AND APPARATUS"

(51) International classification :G09G 3/32

(31) Priority Document No :0421710.5

(32) Priority Date :30/09/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2005/050167

Filing Date :29/09/2005

(87) International Publication No :WO 2006/035246

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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Address of Applicant :2020, COMBOURNE BUSINESS PARK,
CAMBOURNE, CAMBRIDGESHIRE CB23 6DW UK U.K.

(72)**Name of Inventor :**

1)SMITH EUAN CHRISTOPHER

2)ROUTLEY PAUL RICHARD

3)HALLS JONATHAN JAMES M.

No of Pages : 59

No of Claims : 25

(57) Abstract :

This invention relates to methods and apparatus for driving emissive, in particular organic light emitting diodes (OLED) displays using multi-line addressing (MLA) techniques. Embodiments of the invention are particularly suitable for use with so-called passive matrix OLED displays. A method of driving an emissive display, the display comprising a plurality of pixels each addressable by a row electrode and a column electrode, the method comprising: driving a plurality of said column electrodes with a first set of column drive signals; and driving two or more of said row electrodes with a first set of forward bias row drive signals at the same time as said column electrode driving with said column drive signals; then driving said plurality of column electrodes with a second and subsequent sets of column drive signals, and driving said two or more row electrodes with a second and subsequent sets of forward bias row drive signals at the same time as said column electrode driving with said second column drive signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2442/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF CITALOPRAM AND ESCITALOPRAM"

(51) International classification	:C07D 307/87	(71) Name of Applicant :
(31) Priority Document No	:MI2004A001872	1)ADORKEM TECHNOLOGY SPA
(32) Priority Date	:01/10/2004	Address of Applicant :VIA L.DA VINCI 28,1-24062 COSTA
(33) Name of priority country	:Italy	VOLPINO, ITALY Italy
(86) International Application No	:PCT/EP2005/054566	(72) Name of Inventor :
Filing Date	:14/09/2005	1)COTTICELLI,GIOVANNI
(87) International Publication No	:WO 2006/037714	2)SALVETTI,RAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 13

(57) Abstract :

A process is described for the preparation of citalopram (I) and of the active enantiomer thereof, escitalopram (II), which process comprises the cyclisation reaction of the corresponding precursor diol of the formula III or, respectively, IV in the presence of an azodicarboxylate, a phosphine and a strong base.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2443/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "EPITAXIAL REACTOR COOLING METHOD AND REACTOR COOLED THEREBY"

(51) International classification :C23C 16/52

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IT2004/000542

Filing Date :01/10/2004

(87) International Publication No :WO 2006/038228

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)LPE SPA

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(72)**Name of Inventor :**

1)OGLIARI,VINCENZO

2)TARENZI, GIUSEPPE

3)PUGLISI, MARCO

4)SPECIALE, NATALE

5)PRETI, FRANCO

No of Pages : 12

No of Claims : 18

(57) Abstract :

The invention relates to a method for cooling the walls of the reaction chamber (2) of a reactor for chemical vapour deposition. The method consists in selectively cooling with water at least one predetermined zone of the wall of the chamber (2), to remove a different heat flow compared with the adjacent zones so as to obtain substantially uniform temperature distribution of the reaction chamber (2). In a preferred embodiment, the selectively-cooled zone is the zone above the susceptor (5) and is delimited by two ribs (8, 9). The invention also includes a reactor and a reaction chamber (2) for carrying out the cooling method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2444/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "DEVICE AND METHOD FOR DISPLAYING EVENT IN WIRELESS TERMINAL"

(51) International classification	:H04B 1/40	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0078470	1)SAMSUNG ELECTRONICS CO.,LTD
(32) Priority Date	:01/10/2004	Address of Applicant :416, MAETAN-DONG, YEONGTONG-
(33) Name of priority country	:Republic of Korea	GU,SUWON-SI, GYEONGGI-DO,REPUBLIC OF KOREA Republic of
(86) International Application No	:PCT/KR2005/003249	Korea
Filing Date	:30/09/2005	(72) Name of Inventor :
(87) International Publication No	:WO 2006/038779	1)KIM,JAE-HO
(61) Patent of Addition to Application Number	:NA	2)SEO JEONG-WOOK
Filing Date	:NA	3)KIM SUNG-PIL
(62) Divisional to to Application Number	:NA	4)KIM HYUN-JI
Filing Date	:NA	5)PARK SANG-MIN

No of Pages : 136

No of Claims : 58

(57) Abstract :

A display apparatus for use in a wireless terminal is provided. A memory stores user interface (UI) data for cases mapped to events occurring in the wireless terminal. A controller collects the events occurring in the wireless terminal. The controller selects at least one executable case for the collected events. The controller selects UI data including a character image for the at least one selected executable case from the memory and outputs the selected UI data. A display unit displays the UI data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2445/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : DISTILLATION OR EVAPORATION METHOD AND EQUIPMENT FOR SALT WATER OR SORT OF FLUID BY REHEATED STEAM AT MULTIPLE EFFECT EVAPORATION SYSTEM WITH CHAMBER OF HORIZONTAL PLATE TYPE HEAT EXCHANGER

(51) International classification	:F25B 39/02	(71)Name of Applicant :	
(31) Priority Document No	:10-2004-0114511	1)HONG,JEONG-HO	
(32) Priority Date	:24/12/2004	Address of Applicant :RM 6-302, SAEHAN APARTMENT, 1701-4	
(33) Name of priority country	:Republic of Korea	DAEMYONG 5-DONG, NAM-GU, DAEGU 705-802,KOREA Republic	
(86) International Application No	:PCT/KR2005/004408	of Korea	
Filing Date	:20/12/2005	(72)Name of Inventor :	
(87) International Publication No	:WO 2006/068405	1)HONG,JEONG-HO	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 20

No of Claims : 4

(57) Abstract :

Disclosed is a multiple effect evaporation technique capable of evaporating the liquid phased material at one evaporator with the high temperature steam so that the evaporated steam may make the liquid phased material at another evaporator adjacent to one evaporator to be re-heated to generate evaporation. A conventional multiple effect evaporation system has a big external size of evaporator, and the liquid at another evaporator is heated with low temperature steam for evaporation. In this case, evaporation is accomplished when the pressure in the evaporator is reduced. Therefore, pressure reducing equipment is always required at every stages of evaporators which will cause the number of evaporator stages to be limited into a few stages. To solve the above shortage, the present invention, a multiple effect evaporation technique that consisting of many horizontal plate typed evaporation chambers stacked perpendicularly to reduce the external size of a multiple effect evaporation system is the high efficiency evaporation technique which using the externally re-heated steam generated from the every horizontal plate typed evaporator as a heat source of a next adjacent evaporator. Accordingly, the present invention, the multiple effective evaporation or distillation technique is related to evaporating the present invention of salt water or sort of liquid with the steam boiler or solar heat boiler.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2446/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMFORTABLE DIAPER

(51) International classification	:A61F 13/15
(31) Priority Document No	:03002677.7
(32) Priority Date	:12/02/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2005/004348
Filing Date	:12/02/2004
(87) International Publication No	:WO 2004/071363
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3020/DELNP/2005
Filed on	:06/07/2005

(71)Name of Applicant :

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Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, USA U.S.A.

(72)Name of Inventor :

1)BECKER, UWE, JURGEN

2)BUSAM, LUDWIG

3)EHRNSPERGER, BRUNO, JOHANNES

4)LINDNER, TORSTEN

5)LINK, SIEGFRIED

6)MAIER, VOLKER

7)SIDDIQUE, SANAL

8)STIEHL, GABRIELE

9)TOMBULT-MEYER,THOMAS

No of Pages : 35

No of Claims : 20

(57) Abstract :

The present invention concerns an absorbent article (20), preferably a disposable absorbent article, such as a diaper. The present invention specifically concerns an absorbent core (28) for such an absorbent article which provides an improved immobilization of absorbent polymer material when the article is fully or partially urine loaded. This absorbent core is useful for providing an absorbent article of increased wearing comfort. Specifically disclosed is an absorbent core useful for an absorbent article comprising a substrate layer and absorbent material, the absorbent material comprising an absorbent polymer material, the absorbent material optionally comprising absorbent fibrous material, the absorbent fibrous material not representing more than 20 % of the weight of absorbent polymer material, wherein the absorbent material is immobilized when wet such that the absorbent core achieves a wet immobilization of more than 50%, preferably of more than 60 %, 70 %, 80 % or 90 % according to the Wet Immobilization Test described herein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2451/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "VARIANT AMYLOID PROTEIN"

(51) International classification	:C12N 15/09
(31) Priority Document No	:2004-294292
(32) Priority Date	:06/10/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/018896
Filing Date	:06/10/2005
(87) International Publication No	:WO 2006/038729
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MORI HIROSHI

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(72)**Name of Inventor :**

1)MORI HIROSHI

2)TAKAMI TOMIYAMA

3)HIROYUKI SHIMADA

No of Pages : 46

No of Claims : 16

(57) Abstract :

It is intended to provide a novel amyloid protein (human variant amyloid protein) useful as an antigen molecule or the like for improving a vaccine therapy. This human variant amyloid protein is a protein with deletion of Glu at 22nd, Ala at 21st, or Asp at 23rd in a normal (wildtype) amyloid protein (A β 1-40, A β 1-42, or A β 1-43) consisting of 40, 42, or 43 amino acids.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2455/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PURINE DERIVATIVES AND METHODS OF USE THEREOF"

(51) International classification :A61K 31/706

(31) Priority Document No :60/611,669

(32) Priority Date :20/09/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/033476

Filing Date :19/09/2005

(87) International Publication No :WO 2006/034190

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)INOTEK PHARMACEUTICALS CORPORATION

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(72)**Name of Inventor :**

1)PRAKASH JAGTAP

2)ANDREW L.SALZMAN

3)CSABA SZABO

No of Pages : 149

No of Claims : 64

(57) Abstract :

The invention relates to Purine Derivatives; compositions comprising an effective amount of a Purine Derivative; and methods for treating or preventing an ischemic condition, reperfusion injury, a cellular proliferative disorder, a cardiovascular disease, a neurological disorder, a skin disorder, a radiation-induced injury, a wound, or an inflammatory disease comprising administering an effective amount of a Purine Derivative to a subject in need thereof.

(54) Title of the invention : "CONJUGATES WITH ANTI-INFLAMMATORY ACTIVITY"

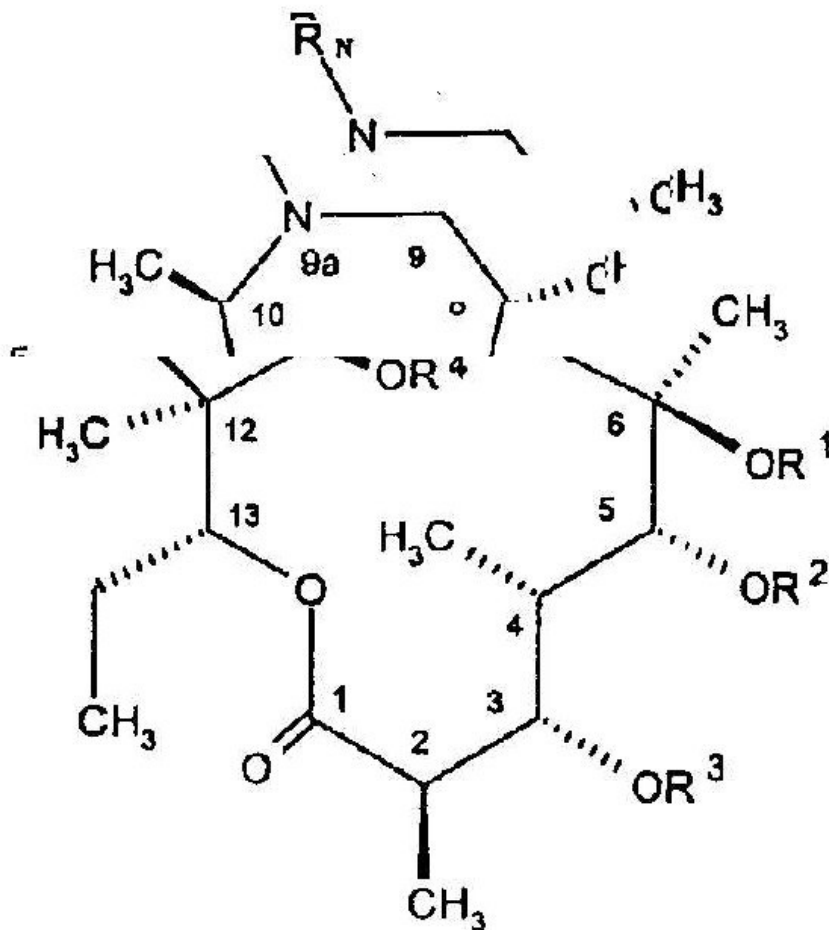
(51) International classification	:C07J 43/00	(71) Name of Applicant : 1)GLAXOSMITHKLINE ISTRAZIVACKI CENTAR ZAGREB
(31) Priority Document No	:60/623,154	D.O.O
(32) Priority Date	:27/10/2004	Address of Applicant :PRILAZ BARUNA FILOPOVICA 29, 10000
(33) Name of priority country	:U.S.A.	ZAGREB, CROATIA Croatia
(86) International Application No	:PCT/IB2005/003213	(72) Name of Inventor :
Filing Date	:27/10/2005	1)MLADEN MERCEP
(87) International Publication No	:WO 2006/046123	2)MILAN MESIC
(61) Patent of Addition to Application Number	:NA	3)LINDA TOMASKOVIC
Filing Date	:NA	4)STRIBOR MARKOVIC
(62) Divisional to to Application Number	:NA	5)VISNJA POLJAK
Filing Date	:NA	6)GORDANA SIJAN
		7)SELVIRA SELMANI

No of Pages : 79

No of Claims : 47

(57) Abstract :

The present invention relates to new compounds represented by Formula I: wherein M represents a macrolide subunit of the substructure V13I: L represents the chain of the substructure IX or XIII: Z represents the steroid or nonsteroidal subunit derived from steroid or nonsteroidal (NSAID) drugs with anti-inflammatory activity; The present invention relates also to pharmaceutically acceptable salts and solvates of such prepared compounds, to processes and intermediates for their preparation, as well as to the improved therapeutic action and the use in the treatment of inflammatory diseases and conditions in humans and animals.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD OF PRODUCING FRAGRANCE BY INACTIVATION OR REDUCTION OF A FUNCTIONAL PROTEIN WITH BETAINE ALDEHYDE DEHYDROGENASE (BADH) ACTIVITY"

(51) International classification	:C12N 9/02	(71)Name of Applicant :
(31) Priority Document No	:2004905490	1)GRAIN FOODS CRC LTD.
(32) Priority Date	:22/09/2004	Address of Applicant :1 RIVETT ROAD, RIVERSIDE CORPORATE
(33) Name of priority country	:Australia	PARK, NORTH RYDE, NEW SOUTH WALES 2113,AUSTRALIA
(86) International Application No	:PCT/AU2005/001458	Australia
Filing Date	:22/09/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/032102	1)JIN, QINSHENG
(61) Patent of Addition to Application Number	:NA	2)HENRY, ROBERT,JAMES
Filing Date	:NA	3)WATERS,DANIEL, LEX,EAN
(62) Divisional to to Application Number	:NA	4)BRADBURY, LOUIS, MICHAEL
Filing Date	:NA	5)FITZGERALD, TIMOTHY, LIAM

No of Pages : 201

No of Claims : 49

(57) Abstract :

The invention relates to methods of increasing production of fragrance by an organism capable of expressing a functional protein having an amino acid sequence that is at least 30% identical to the amino acid sequence of SEQ ID NO: 1, comprising reducing or eliminating the activity of the functional protein in the organism. The invention also relates to methods of establishing whether an organism is capable of producing a fragrance, and to methods of producing organisms which produce fragrance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2469/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "A PIPE JOINT LUBRICATION DEVICE"

(51) International classification :F16N 25/04

(31) Priority Document No :20045501

(32) Priority Date :16/12/2004

(33) Name of priority country :Norway

(86) International Application No :PCT/NO2005/000461

Filing Date :14/12/2005

(87) International Publication No :WO 2006/065149

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)HALSE, HELGE-RUBEN

No of Pages : 10

No of Claims : 5

(57) Abstract :

A pipe joint lubrication device comprising at least one first nozzle (30) for application of lubricant on at least one of the fittings; a threaded nipple (24) or a threaded socket (26), wherein the at least one first nozzle (30) is provided on a first jaw housing (6) which is rotatable about the longitudinal axis of the nipple (24) or the socket (26).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :10/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR SYNTHESIS OF α - BROMOKETONE

(51) International classification	:A61K 31/12	(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	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HARSHADAS MITARAM MESHAM
(87) International Publication No	:NA	2)YADDANAPUDI SESA SIVA GANESH
(61) Patent of Addition to Application Number	:NA	3)AYYAGARI VENKATA MADHAVI
Filing Date	:NA	4)BEGARI ESHWARAIAH
(62) Divisional to to Application Number	:NA	5)JHILLU SINGH YADAV
Filing Date	:NA	

No of Pages : 10

No of Claims : 8

(57) Abstract :

A process for the preparation of α - bromoketones which comprises reacting sulphonamide substituted aryl alkyl ketone of formula 1 wherein R is substituent selected from ethoxy, methoxy, butoxy, propoxy, iso propoxy, chloro, bromo, iodo, nitro, amido, cyano and the value of n is 1 to 3 with aqueous hydrobromic acid in the concentration ranging between 25 to 48%, in the presence of metal selected from iron, copper or ammonium nitrate at the temperature ranging between -5 to 40°C, for a period ranging between 10 to 30 hrs to get the corresponding α -bromoketone .

(54) Title of the invention : MOBILE TELECOMMUNICATIONS TERMINAL COMPRISING RFID FUNCTIONS AND ASSOCIATED METHOD

(51) International classification :G06K 19/07
 (31) Priority Document No :EP04024432
 (32) Priority Date :13/10/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2005/053760
 Filing Date :02/08/2005
 (87) International Publication No :WO 2006/040202
 (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)SIEMENS AKTIENGESELLSCHAFT
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 (72)Name of Inventor :
1)JATSCHKA; THOMAS
2)POHL; ALFRED
3)TSCHOFEN; ROBERT
4)ZIMMERMANN, GERNOT

No of Pages : 21

No of Claims : 17

(57) Abstract :

The invention relates to a mobile telecommunications terminal comprising RFID functions, in addition to an associated method. Said terminal comprises a telecommunications interface (1), a user interface (2) and a data processing unit (3). A modification made with the aid of an RFID transponder circuit (4), which is directly connected to the data processing unit (3), permits said RFID transponder circuit (4) to be controlled by means of RFID data records (AEA, RUA, RKW) that are stored in an RFID memory unit (5) in such a way that a flexible RFID transponder emulation is achieved at minimal cost.

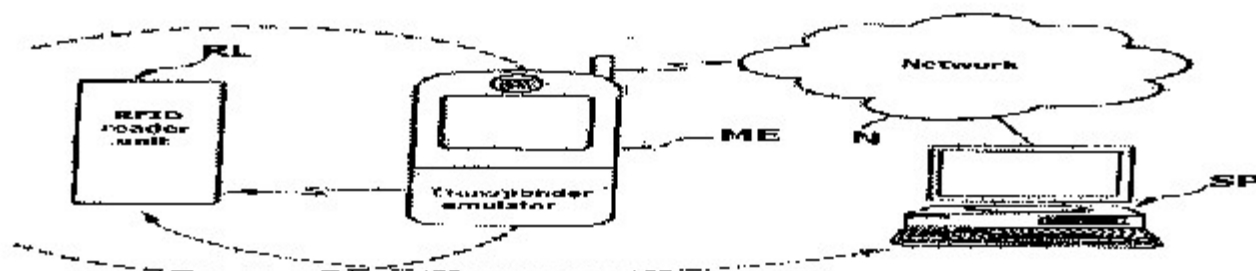


FIG 1

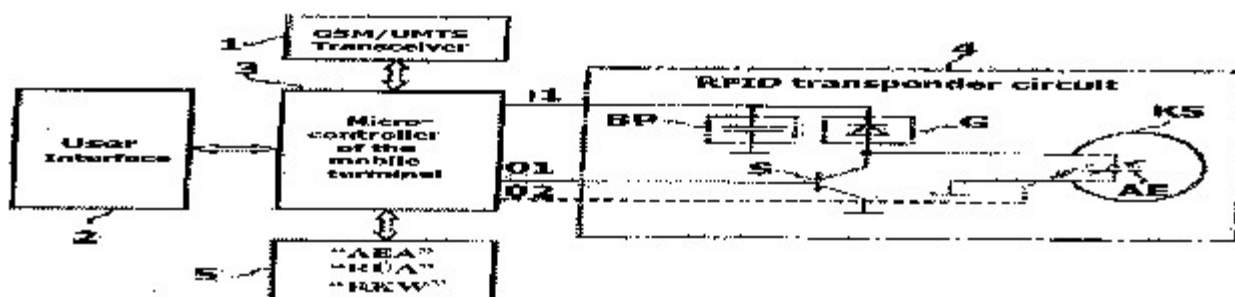


FIG 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2670/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "VARIABLE MATRIX DISPLAY DEVICE AND METHOD"

(51) International classification :G09F 11/15

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FR2004/002311

Filing Date :10/09/2004

(87) International Publication No :WO 2006/030073

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)LE GALL DIDIER

2)LE GALL YANNICK

3)HERMELIN MARC

4)TESTA ANDRE

5)PLANARD PHILIPPE

No of Pages : 33

No of Claims : 40

(57) Abstract :

A device (1) for displaying an aggregate image (2) the form of a matrix. Each cell (4) of the matrix (3) enables display of an elementary image (6). Said elementary images are carried out on a ribbon (7). In order to vary the aggregate image, the elementary image is varied, the former being selected on the ribbon by causing the ribbon to run off inside the cell. Said device enables the creation of very large display panels, particularly those used at airports.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2671/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/04/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "MOBILE DEVICE DIAGNOSIS, TEST, APPLICATION DEPLOYMENT AND UPDATE FROM A WEB PAGE"

(51) International classification :H04Q 7/32

(31) Priority Document No :60/615,582

(32) Priority Date :05/10/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2005/000498

Filing Date :04/04/2005

(87) International Publication No :WO 2006/037203

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

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2)NEWTON GARTH

3)WORMALD CHRISTOPHER R

No of Pages : 24

No of Claims : 11

(57) Abstract :

A method for deploying an application to a mobile device comprises providing a web page to a computing device coupled to a communications network for receiving the web page, the web page comprising a configuration determination and loading component for deploying the application to the mobile device coupled to the computing device, said web page determining configuration information about the mobile device for determining specific application components for loading; and providing specific application components for loading onto the mobile device in response to the web page. The web page may determine specific application components for said mobile device in response to the configuration information.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :12/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A CATALYST, USEFUL FOR THE PRODUCTION OF HYDROCARBONS FROM SYNTHESIS GAS

(51) International classification	:B01J 21/00	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & 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)PANDULA SAMUEL
Filing Date	:NA	2)YOGESH CHANDRA DASANDHI
(87) International Publication No	:NA	3)SUDIP MAITY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :

A process for the preparation of a catalyst, useful for the production of hydrocarbons from synthesis gas, has been described. The process comprises heating, under constant stirring, an aqueous solution of a mix of 86 to 96 wt % ferric nitrate, 1 to 10 wt % copper nitrate and 1 to 4 wt % manganese nitrate. Addition of pre-heated sodium carbonate solution to the resulting mixture of aqueous solutions of nitrates under constant stirring till it becomes neutral. Continuing the addition of sodium carbonate and simultaneously adding preheated bentonite slowly, under stirring, till the pH of the solution reaches between 8 and 9. Filtering the precipitate and washing the same with warm water till the washings are nitrate free. Addition of potassium hydroxide to the precipitate followed by through kneading to ensure uniform distribution of the potassium salt. Drying the resultant product in an air oven. Cooling the resultant product to room temperature. Extruding to at least 1/4" size. Drying the extrudes and sizing to at least +6 to -14 mesh BSS. The process is simple and environment friendly and provides a catalyst of high yielding nature having high selectivity. The catalyst finds usage in synthesising hydrocarbons, particularly wax, using Fisher-Tropsch synthesis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3262/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "COMPOSITION FOR THERMAL INSULATION LAYER"

(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:60/519,400	1)BURCHILL, G. STUART
(32) Priority Date	:12/11/2003	Address of Applicant :1998 MORNING SUN LANE, NAPLES, FL
(33) Name of priority country	:U.S.A.	34119, USA. U.S.A.
(86) International Application No	:PCT/US2004/037740	2)WACHTEL, PETER
Filing Date	:12/11/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/047746	1)BURCHILL, G. STUART
(61) Patent of Addition to Application Number	:NA	2)WACHTEL, PETER
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 27

(57) Abstract :

A curable coating composition for forming a thermal insulating layer, the composition comprising: (a) highly porous particles of a material obtained by drying a wet sol-gel, the particles having a porosity of at least 80% and a particle size in the range from 5µm to 4.0 mm; and (b) a film forming resin system comprising a film forming polymer, wherein the particles (a) are dispersed in the resin system (b), and the resin system (b) contains at least one stabilizer having an average molecular weight in the range from about 1,000 to about 4,000, said stabilizer being at least one member selected from the group consisting of ethylene oxide-propylene oxide block copolymers, poly C2 - C3 alkoxyated C12 - C18 saturated or unsaturated fatty alcohols, poly C2 - C3 alkoxyated hydrogenated or partially hydrogenated castor oils, poly C2 - C3 alkoxyated hydrogenated or partially hydrogenated soybean oils, polydimethyl siloxane C2- C3 alkoxyates, and sorbitan esters of C12 - C18 saturated or unsaturated fatty acids, the amount of the particles (a) is in the range from 2 to 6% by weight, based on the weight of the composition, and the amount of the stabilizer is in the range from about 50 % to about 90% by weight, based on the weight of the highly porous particles. The composition has high storage stability and forms a coating having excellent insulation value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3293/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "FAT COMPOSITION"

(51) International classification	:C11C 3/00
(31) Priority Document No	:2003-424791
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/019051
Filing Date	:21/12/2004
(87) International Publication No	:WO 2005/061684
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TORU MORIGUCHI
2)TETSUYUKI SASAKI
3)AKIKO HARAUMA

No of Pages : 25

No of Claims : 15

(57) Abstract :

Provided is a composition permitting high systemic absorption of n-3 polyunsaturated fatty acids and high transfer of them to tissues and capable of fully exhibiting pharmacological effects which the fatty acids have. A fat composition containing one or more phospholipids having, as a constituent fatty acid, an n-3 polyunsaturated fatty acid selected from docosahexaenoic acid, docosapentaenoic acid and eicosapentaenoic acid; and α -linolenic acid and/or a fat containing α -linolenic acid.

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING CHANNEL ASSIGNMENT INFORMATION USED TO SUPPORT UPLINK AND DOWNLINK CHANNELS

(51) International classification :H04B
 (31) Priority Document No :60/523,049
 (32) Priority Date :18/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038683
 Filing Date :18/11/2004
 (87) International Publication No :WO 2005/050852
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

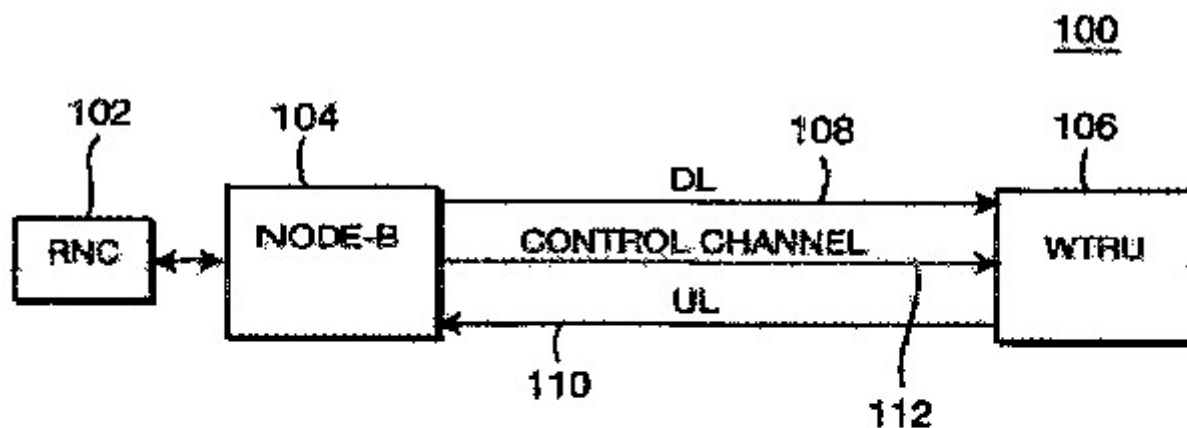
(71)Name of Applicant :
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 (72)Name of Inventor :
1)RUDOLF, MARIAN
2)DICK, STEPHEN, G.
3)PIETRASKI, PHILIP, J.

No of Pages : 21

No of Claims : 42

(57) Abstract :

A method and wireless communication system for providing channel assignment information used to support an uplink (UL) channel and a downlink (DL) channel. The system includes at least one Node-B and at least one wireless transmit/receive unit (WTRU). The WTRU communicates with the Node-B via a common control channel, the UL channel and the DL channel. The WTRU receives a message from the Node-B via the common control channel. The message includes an indication of whether the message is intended for assigning radio resources to the UL channel or the DL channel. The WTRU determines whether the message is intended for the WTRU and, if so, the WTRU determines whether the message is for assigning radio resources to the UL channel or the DL channel. The WTRU takes an appropriate action based on whether the message is for assigning radio resources to the UL channel or the DL channel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3381/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "USE OF ONDANSETRON FOR THE TREATMENT OF INFLAMMATION, AND PHARMACEUTICAL COMPOSITIONS THEREOF "

(51) International classification	:A61K 31/4178	(71) Name of Applicant :
(31) Priority Document No	:60/528,587	1)GALDERMA RESEARCH & DEVELOPMENT, S.N.C.
(32) Priority Date	:10/12/2003	Address of Applicant :635, ROUTE DES LUCIOLES, QUARTIER
(33) Name of priority country	:U.S.A.	DES CLAUSONNES, F-06560 VALBONNE SOPHIA ANTIPOLIS (FR)
(86) International Application No	:PCT/EP2004/013841	France
Filing Date	:06/12/2004	(72) Name of Inventor :
(87) International Publication No	:WO 2005/058312	1)DOLFI, FABRIZIO
(61) Patent of Addition to Application Number	:NA	2)TREMEL, NADEGE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 13

(57) Abstract :

The present invention generally relates to the use of ondansetron, its salts and base, as an active principle in the manufacture of pharmaceutical compositions, more particularly dermatological compositions, intended for a curative and/or prophylactic antiinflammatory treatment, by the topical route. More specifically, the present invention provides the use of Ondansetron, its salt and base to topically treat rosacea, an inflammatory skin disorder.

(54) Title of the invention : "WIRELESS COMMUNICATION METHOD AND APPARATUS FOR TRANSFERRING BUFFERED ENHANCED UPLINK DATA FROM A MOBILE STATION TO A NODE-B."

(51) International classification :H04B
 (31) Priority Document No :60/520,227
 (32) Priority Date :14/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037723
 Filing Date :10/11/2004
 (87) International Publication No :WO 2005/050851
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

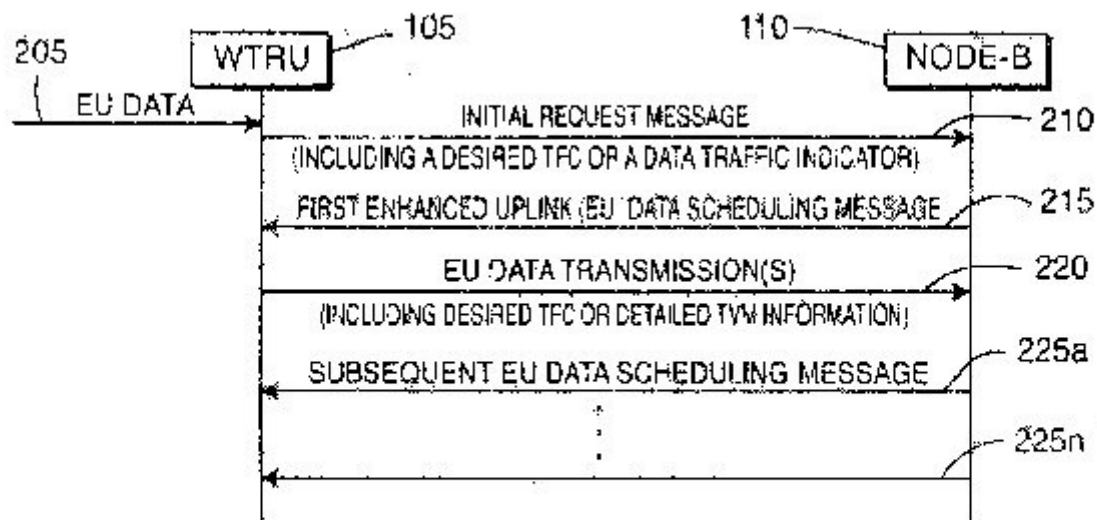
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 Address of Applicant :300 DELAWARE AVENUE, SUITE 527,
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 (72)Name of Inventor :
1)ZHANG, GUODONG
2)TERRY, STEPHEN, E
3)DICK, STEPHEN, G.

No of Pages : 34

No of Claims : 80

(57) Abstract :

A wireless communication method and apparatus for transferring buffered enhanced uplink (EU) data from a wireless transmit/receive unit (WTRU), i.e., a mobile station, to a Node-B. The EU data is generated and stored in a buffer of the WTRU. The WTRU transmits a message to the Node-B including a request for a desired transport format combination (TFC) or data traffic indicator. The Node-B schedules one or more allowed EU data transmissions between the WTRU and the Node-B by transmitting an EU data scheduling message to the WTRU. The WTRU transmits all of the EU data stored in the buffer to the Node-B if the allowed EU data transmissions are sufficient to support transmission of all of the EU data stored in the buffer. Otherwise, the WTRU transmits a portion of the EU data along with the desired TFC or detailed traffic volume measurement (TVM) information to the Node-B.



(54) Title of the invention : "METHOD AND SYSTEM FOR FACILITATING INTER-SYSTEM HANDOVER"

(51) International classification :H04M 11/00
 (31) Priority Document No :60/519,761
 (32) Priority Date :13/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037774
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/050965
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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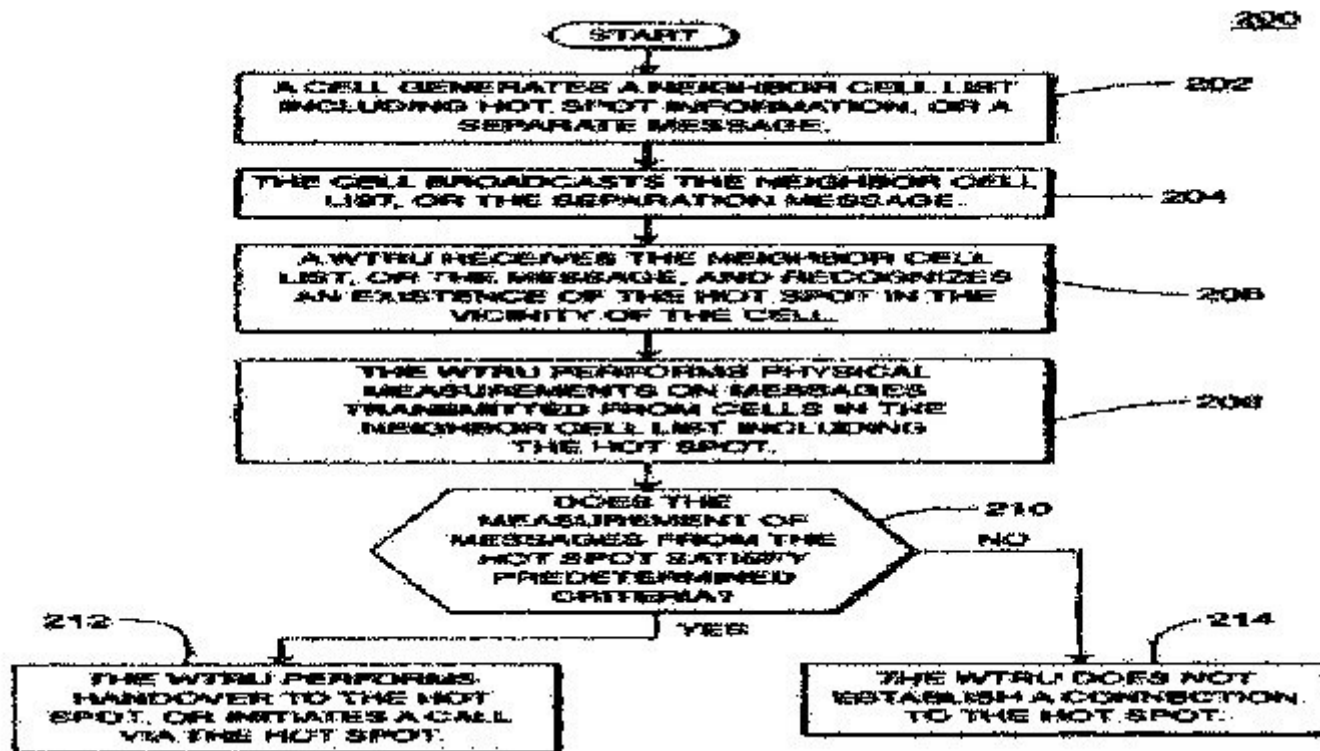
1)OZLUTURK, FATIH, M.

No of Pages : 12

No of Claims : 14

(57) Abstract :

A method for facilitating inter-system handover by a multi-mode wireless transmit/receive unit (WTRU) is disclosed. The WTRU is capable of communicating in multiple wireless communication systems using different wireless communication protocols. A first wireless communication system provides a hot spot within the coverage area of a second wireless communication system. A base station in a cell in the second wireless communication system generates and transmits a message to inform the WTRU of the existence of the hot spot located in the vicinity of the cell. The WTRU receives the message and is therefore informed of the existence of the hot spot in the vicinity of the cell.



(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD FOR MAKING VALUE ADDED SERVICES AVAILABLE IN DIFFERENT TYPES OF NETWORKS AND COMMUNICATION NETWORK EMPLOYING SUCH A METHOD"

(51) International classification	:H04Q 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/NL2003/000889
Filing Date	:15/12/2003
(87) International Publication No	:WO 2005/057953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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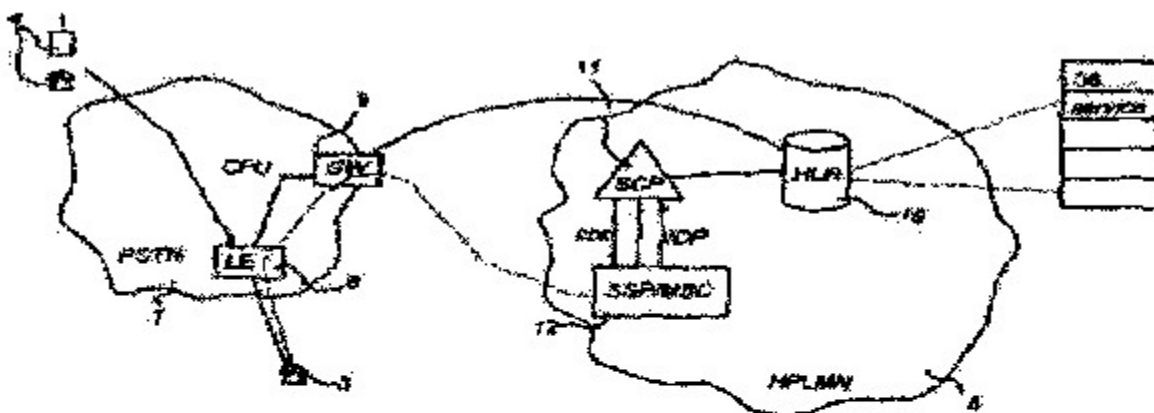
(72)Name of Inventor :
1)MAAS, FEDOR

No of Pages : 20

No of Claims : 34

(57) Abstract :

Method and communication system for providing a value added service, such as an intelligent network (IN) service, which is available in a first network (5), to a subscriber (3) in a second network (7). The first network (5) comprises a first network node (11) for executing the value added service. The method comprises detecting in a terminating call to the subscriber (3) that the subscriber (3) desires to use the value added service, forwarding control of the call towards the first network node (11) associated with a forwarding number in the first network (5), executing the value added service by the first network node (11), and, when necessary, further directing the call towards the subscriber (3) associated with the terminating call. The present method can also be applied to originating calls from a subscriber. In this case, the call is further directed towards a destination associated with the call.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3385/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "NEUTRALIZABLE EPITOPE OF HGF AND NEUTRALIZING ANTIBODY BINDING TO THE SAME"

(51) International classification	:C07K 14/47
(31) Priority Document No	:10-2003-0079482
(32) Priority Date	:11/11/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/002888
Filing Date	:09/11/2004
(87) International Publication No	:WO 2005/044848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)CHUNG JUNHO

2)HUR YOUNGMI

No of Pages : 47

No of Claims : 13

(57) Abstract :

The neutralizing antibody against HGF binding to the inventive neutralizable epitope of HGF is capable of neutralizing HGF as a single agent, and can be effectively used for preventing and treating intractable diseases and cancers that are caused by binding of HGF to receptor Met.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3386/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "SEPARATOR ARRANGEMENT FOR GAS/LIQUID SEPARATION; APPARATUS; AND, METHODS "

(51) International classification :B01D 46/24

(31) Priority Document No :60/520,906

(32) Priority Date :17/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/038369

Filing Date :16/11/2004

(87) International Publication No :WO 2005/049177

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)CASEY, MICHAEL, JAMES

2)READ, BRIAN

No of Pages : 39

No of Claims : 10

(57) Abstract :

A serviceable gas/liquid separator (300) is provided. The gas/liquid separator has a cross-section with one long axis and one short axis, with an aspect ratio of at least 1.3. A preferred cross-section, is an elliptical cross-section. Assemblies in which the separator unit can be used, are provided. In addition methods of use and construction are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3391/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR SYNTHESIZING DISULFIDES"

(51) International classification	:C07C 309/00
(31) Priority Document No	:60/530,162
(32) Priority Date	:17/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042533
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/058005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)KOH KAWAMI

2)OSAMU TOKUDA

3)YOSHIHIDE NIIMOTO

No of Pages : 15

No of Claims : 16

(57) Abstract :

This invention relates to a process for producing a substantially pure disulfide compound of Formula (II) R5-S-S-R2 as disclosed herein, such as disodium 2,2'-dithiobis ethane sulfonate, by an efficient procedure from available, relatively inexpensive raw materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3392/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD OF DISCOVERY OF A DOMESTIC NETWORK AND DEVICE IMPLEMENTING THE METHOD"

(51) International classification :H04L 12/28

(31) Priority Document No :0400072

(32) Priority Date :06/01/2004

(33) Name of priority country :France

(86) International Application No :PCT/EP2005/050024

Filing Date :04/01/2005

(87) International Publication No :WO 2005/067210

A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)JEAN-BAPTISTE HENRY

2)JEAN-FRANCOIS FLUERY

No of Pages : 28

No of Claims : 13

(57) Abstract :

The invention relates to audio and video interoperability over networks based on network technologies other than the 1394 bus. The invention relates more particularly to a method of discovery, by a device connectable to a communication network, of the other devices connected to this network, which comprises a step of connection of the device to the said network, a step of despatching of an announcement message containing autodescription information describing the device destined for all the other devices connected to this network, a step of despatching of an autodescription information request message to all the other devices connected to this network and a step of reception of a response message from each of the other devices of the network containing the autodescription information of this other device. The invention also relates to a device connectable to a network which possesses means for despatching an announcement message, containing autodescription information describing it, to all the other devices in the network, means for despatching a message for requesting autodescription information to all the other devices in the network and means for receiving the response messages containing information describing each of the other devices of the network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3393/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PLUG-IN SAFETY COUPLING FOR PRESSURE PIPES, COMPRISING A PIVOTED BLOCKING MEMBER"

(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:00030/04	1)HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK
(32) Priority Date	:09/01/2004	Address of Applicant :OBERDORFSTRASSE 21, CH-8812
(33) Name of priority country	:Switzerland	HORGEN, SWITZERLAND. Switzerland
(86) International Application No	:PCT/IB2004/004328	(72)Name of Inventor :
Filing Date	:28/12/2004	1)ULRICH MEIER
(87) International Publication No	:WO 2005/075868	2)HANS GREMINGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 9

(57) Abstract :

A plug-in safety coupling for pressure pipes (10; 12) consists of a coupler box (1) with a blocking member (4) pivotally mounted therein. The latter has a diametrical through bore (5) in which a plug (11) can be inserted, in a depressurised state, at an acute to right angle to the conducting position. The blocking member (4) can be brought into the conducting position by pivoting the plug (11). A cupped locking sleeve (2) having a hemispherical front end (7) is placed over the coupler box (1) with the pivoting member (4). This hemispherical front end (7) comprises a spherically extending oblong hole (8) that extends along a great circle on the hemispherical end (7) from the centre thereof. The locking sleeve (2) is rotatably mounted on the coupler box (1) and is biased by a spring to such an extent that its oblong hole (8) extends with an offset by 90 deg relative to the pivoting plane of the blocking member (4) of the plug (11). Only when the locking sleeve (2) is pivoted, a plug (11) can be inserted. Once the plug is pivoted into the conducting position, the locking sleeve (2), by the force of the spring, is pivoted by 90 deg and secures the plug (11) from pivoting back.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3394/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "THERMOFORMABLE POLYESTER-CONTAINING LAMINATES"

(51) International classification	:B32B 27/08	(71) Name of Applicant :
(31) Priority Document No	:60/531,649	1)E.I. DU PONT DE NEMOURS AND COMPANY.
(32) Priority Date	:22/12/2003	Address of Applicant :1007 MARKET STREET, WILMINGTON,
(33) Name of priority country	:U.S.A.	DELAWARE 19898, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/042983	(72) Name of Inventor :
Filing Date	:21/12/2004	1)TERRANCE D. KENDIG
(87) International Publication No	:WO 2005/063483	2)WARREN S. SOBATAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

Disclosed is a thermoformable film laminate that can be useful for packaging comprising or produced from (a) a thermoformable film layer comprising or produced from a polymer composition having at least 80 % by weight polyethylene terephthalate polymer, said film having an outer surface and an inner surface; (b) a film layer having a heat shrinkage of at least about 5% less than (a); (c) a heat scalable layer; and optionally, (d) an additional barrier layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3395/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "IMPROVED FERTILITY RESTORATON FOR OGURA CYTOPLASMIC MALE STERILE BRASSICA AND METHOD"

(51) International classification :A01H 5/00

(31) Priority Document No :0402106.9

(32) Priority Date :30/01/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2005/000877
Filing Date :28/01/2005

(87) International Publication No :WO 2005/074671

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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1)STEPHAN CHRISTOPHER PLEINES

2)GUNTHER RUDOLF-KARL STIEWE

3)KATJA BRUMMERMAN

4)JOHANNES JACOBUS LUDGERUS GIELEN

No of Pages : 39

No of Claims : 39

(57) Abstract :

A Brassica plant comprising a unique recombination event resulting from a break at a position along a nucleic acid segment derived from Ogura Raphanus sativus between the restorer locus and the glucosinolate locus and subsequent rejoining to produce a new recombination event, BLR 1. The BLR1 recombination event expresses fertility restoring resulting from expression of the restorer gene derived from Raphanus sativus and a GSL content no higher than normal double low open pollinated varieties. The Brassica inbred line BLR-038, Deposit Number NCIMB-41193, is one example of a plant that contains the BLR1 recombination event. The BLR 1 recombination event is introgressed into different Brassica genetic backgrounds using breeding techniques known to those skilled in the art. For example, the Brassica inbred line BLR-038 or another Brassica plant containing the BLR1 recombination event may be crossed with male sterile inbreds to produce hybrids expressing low GSL content and superior agronomic traits.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3396/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "IMMUNOGENIC PEPTIDE CARRIER CONJUGATES AND METHODS OF PRODUCING SAME"

(51) International classification	:C07K
(31) Priority Document No	:60/530,481
(32) Priority Date	:17/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/044093
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/058941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :800, GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CALIFORNIA 94080, USA. U.S.A.
2)WYETH
(72)**Name of Inventor :**
1)RASAPPA G. ARUMUGHAM
2)KRISHNA A. PRASAD

No of Pages : 96

No of Claims : 37

(57) Abstract :

The present invention is directed to methods of producing conjugates of Al3 peptide immunogens with protein/polypeptide carrier molecules, which are useful as immunogens, wherein peptide immunogens are conjugated to protein carriers via activated functional groups on amino acid residues of the carrier or of the optionally attached linker molecule, and wherein any unconjugated reactive functional groups on amino acid residues are inactivated via capping, thus retaining the immunological functionality of the carrier molecule, but reducing the propensity for undesirable reactions that could render the conjugate less safe or effective. Furthermore, the invention also relates to such immunogenic products and immunogenic compositions containing such immunogenic products made by such methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3397/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND COMPOSITION FOR CONTROL OF CRYSTALLIZATION RATE OF POLYOLEFIN RESIN, RESIN COMPOSITION AND RESIN MOLDING"

(51) International classification	:C08L 23/00	(71) Name of Applicant :
(31) Priority Document No	:2003-432138	1)NEW JAPAN CHEMICAL CO. LTD.
(32) Priority Date	:26/12/2003	Address of Applicant :13 YOSHIJIMA YAGURA-CHO, FUSHIMI-
(33) Name of priority country	:Japan	KU, KYOTO-SHI, KYOTO 612-8224, JAPAN Japan
(86) International Application No	:PCT/JP2004/019701	(72) Name of Inventor :
Filing Date	:22/12/2004	1)MASAHIDE ISHIKAWA
(87) International Publication No	:WO 2005/063874	2)SUKEHIRO NIGA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 196

No of Claims : 31

(57) Abstract :

Disclosed are a. composition for controlling the crystallization rate of a. polyolef in-based resin, the composition comprising {A} an amide-based compound which is a substituted or unsubstituted cyclohexylamide of 1,2,3-propanetricarboxylic acid or 1,2,3,4-butanetetracarboxylic acid and (B) a fatty acid metal salt, wherein the component (A): component (B) weight ratio is from 100:0 to 30:70; a method for controlling the crystallization rate of a polyolef in-based resin, comprising incorporating the composition into the polyolefin-based resin to obtain a polyolefin-based resin composition and molding the resin composition; molded products obtained by the method; and the like.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3398/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "MULTIPLE SLAVE PISTON VALVE ACTUATION SYSTEM"

(51) International classification	:F01L
(31) Priority Document No	:10/733,516
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041437
Filing Date	:13/12/2004
(87) International Publication No	:WO 2005/059318
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRIAN RUGGIERO

No of Pages : 24

No of Claims : 28

(57) Abstract :

Systems and methods of actuating engine valves using a hydraulic valve actuation system are disclosed. The valve actuation system includes a master piston and two slave pistons slidably disposed in bores provided in a housing. The master piston and two slave pistons are connected together by a hydraulic circuit. Linear motion imparted to the master piston is transferred to the two slave pistons via the hydraulic circuit. In turn, the two slave pistons may actuate one or more engine valves directly or through an intermediate valve bridge. A valve seating device may be provided to assist in seating the engine valves in embodiments where the valve actuation system is adapted to provide variable valve actuation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3399/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR PURIFYING (-)- Δ^9 -TRANSTETRAHYDROCANNABINOL"

(51) International classification :C07D 311/80
(31) Priority Document No :0329635.7
(32) Priority Date :23/12/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/005394
Filing Date :17/12/2004
(87) International Publication No :WO 2005/061480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

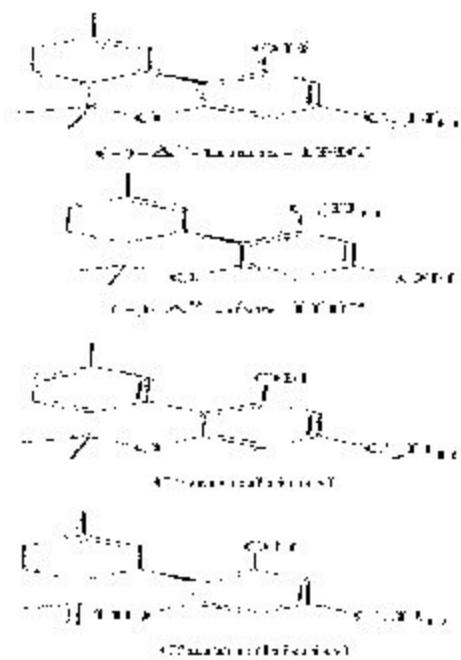
(71)Name of Applicant :
1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Address of Applicant :40-42 HATTON GARDEN, LONDON EC1N
8EE, UNITED KINGDOM U.K.
(72)Name of Inventor :
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2)JOHN JAMES KEENAN
3)RONALD ROSSI
4)ALBERT SANCHEZ
5)JOHN MICHAEL WHELAN

No of Pages : 13

No of Claims : 12

(57) Abstract :

A preparative scale purification process where in (-)- Δ^9 -trans tetrahydrocannabinol is separated from a mixture of cannabinoids is disclosed. The process comprises at least one chromatographic step wherein a mobile phase passes through a stationary phase. The stationary phase comprises a derivatised polysaccharide and the mobile phase comprises carbon dioxide.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3400/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHODS OF MAKING AND USING A SUPERABSORBENT POLYMER PRODUCT INCLKUDING A BIOACTIVE, GROWTH-PROMOTING ADDITIVE "

(51) International classification	:C08L 3/04	(71) Name of Applicant :
(31) Priority Document No	:60/529,949	1)ABSORBENT TECHNOLOGIES, INC.
(32) Priority Date	:15/12/2003	Address of Applicant :8705 SW NIMBUS AVENUE, SUITE 230,
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(86) International Application No	:PCT/US2004/042192	(72) Name of Inventor :
Filing Date	:15/12/2004	1)WILLIAM MCKEE DOANE
(87) International Publication No	:WO 2005/059023	2)STEVEN WILLIAM DOANE
(61) Patent of Addition to Application Number	:NA	3)MILAN H. SAVICH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 47

(57) Abstract :

A method of and a product formed by entrapping a bioactive, growth-promoting additive in a starch matrix to form a starch-based, superabsorbent polymer product for use in agricultural applications involves (1) graft polymerizing a monomer and a starch to form a starch graft copolymer including a starch matrix; (2) isolating the starch graft copolymer; (3) forming panicles of starch graft copolymer, and (4) adding a bioactive, growth-promoting additive such that at least some of the bioactive, growth-promoting additive is entrapped by the starch matrix. Following placement of the starch-based SAP including a bioactive, growth-promoting additive in proximity to a plant, root, seed, or seedling, growth of the plant, root, seed, or seedling is promoted because availability of beneficial nutrients is increased.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3401/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "CORE PIECE OF EXHAUST GAS CATALYTIC DEVICE, METHOD FOR MANUFACTURING SAME, AND METHOD FOR INSERTION FIXATION OF SAME"

(51) International classification	:B01J 35/02	(71)Name of Applicant :
(31) Priority Document No	:2003-434060	1)SAKURA KOGYO CO., LTD.
(32) Priority Date	:26/12/2003	Address of Applicant :18, HANDACHO, HAMAMATSU-SHI,
(33) Name of priority country	:Japan	SHIZUOKA 4313124, JAPAN. Japan
(86) International Application No	:PCT/JP2004/019019	(72)Name of Inventor :
Filing Date	:20/12/2004	1)YOSHIHIRO FURUHASHI
(87) International Publication No	:WO 2005/063394	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 12

(57) Abstract :

A novel core piece of an exhaust gas catalytic device capable of realizing a further reduction in weight, costs, etc. that are constantly demanded for automobile related components, a method for manufacturing the same and a method for insertion fixation of the same are provided. The invention relates to a core piece (3) of an exhaust gas catalytic device (1), which core piece is arranged inside an outer cylindrical body (2) into which exhaust gas (G) is delivered so as to purify the exhaust gas (G) with a catalyst formed to adhere to a surface thereof. When the core piece (3) is attached to the outer cylindrical body (2), at least one of the following two methods is used to fix the core piece (3) to the outer cylindrical body (2). According to one method, the core piece (3) is so formed that when the core piece (3) is deformed in a direction toward the inside, the core piece (3) is elastically restored in a direction toward the outside due to a spring action thereof, whereby the core piece (3) is attached to the outer cylindrical body (2) by the elasticity thereof. According to the other method, the outer cylindrical body (2) having the core piece (3) inserted therein is subjected to a diameter-reducing process at an appropriate portion thereof, to thereby fix the core piece (3) to the outer cylindrical body (2).

(54) Title of the invention : "ENCODING METHOD, DECODING METHOD, AND ENCODING APPARATUS FOR A DIGITAL PICTURE SEQUENCE"

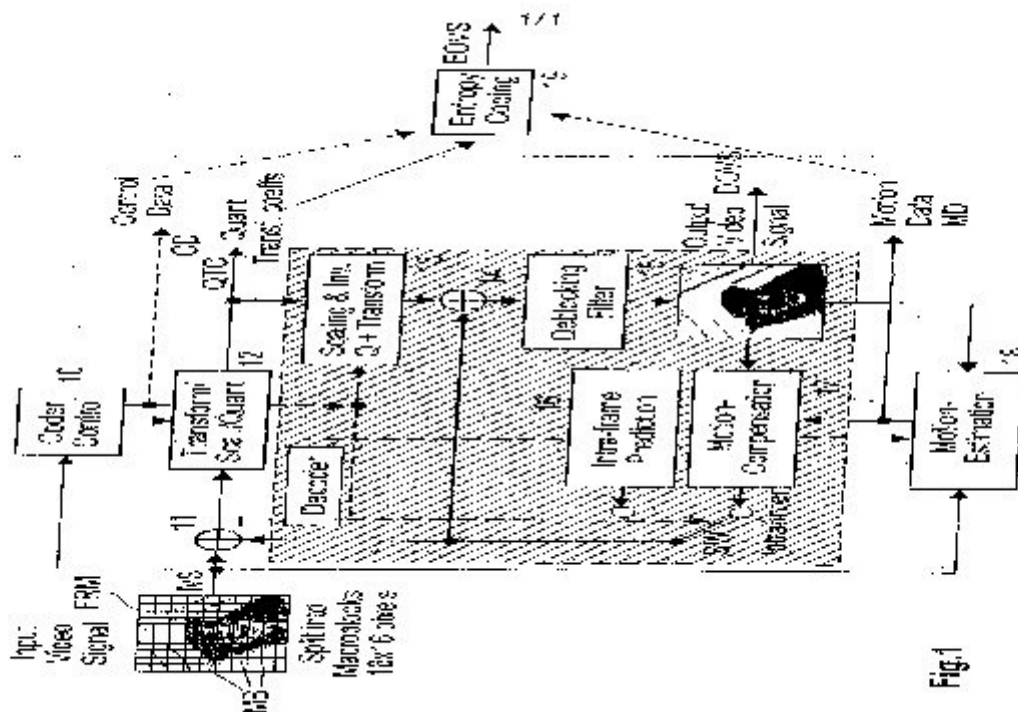
(51) International classification	:H04N 7/26	(71) Name of Applicant :
(31) Priority Document No	:04290022.5	1)THOMSON LICENSING
(32) Priority Date	:05/01/2004	Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
(33) Name of priority country	:EPO	BOULOGNE-BILLANCOURT, FRANCE France
(86) International Application No	:PCT/EP2004/012480	(72) Name of Inventor :
Filing Date	:04/11/2004	1)HEIKO SCHWARZ
(87) International Publication No	:WO 2005/069632	2)TOBIAS HINZ
(61) Patent of Addition to Application Number	:NA	3)THOMAS WIEGAND
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 10

(57) Abstract :

Rate control mechanisms for video encoding aim to provide the best possible video quality while keeping given conditions on transmission rate and decoding delay. In order to achieve a constant video quality, the anchor and non-anchor frames of different frame types (I, P, and B) are encoded using a different number of bits. However, since video sequences generally contain widely varying picture content and previously coded frames are used to predict a given frame, a suitable assignment of frame target bit rates is hard to determine, especially for non-anchor frames. According to the invention, non-anchor frames are coded using a fixed quantization parameter. Since the quantization parameter used for the encoding of non-anchor frames is directly derived from the average quantization parameter of the previously encoded anchor frame, such approach ensures a constant video quality. Beside of that, the complexity of the rate control strategy is reduced, because no macro block-level rate control is applied for the encoding of non-anchor frames.



(54) Title of the invention : "CATHETER INTRODUCER"

(51) International classification :A61M
 (31) Priority Document No :158888
 (32) Priority Date :16/11/2003
 (33) Name of priority country :Israel
 (86) International Application No :PCT/IL2004/001036
 Filing Date :11/11/2004
 (87) International Publication No :WO 2005/046750
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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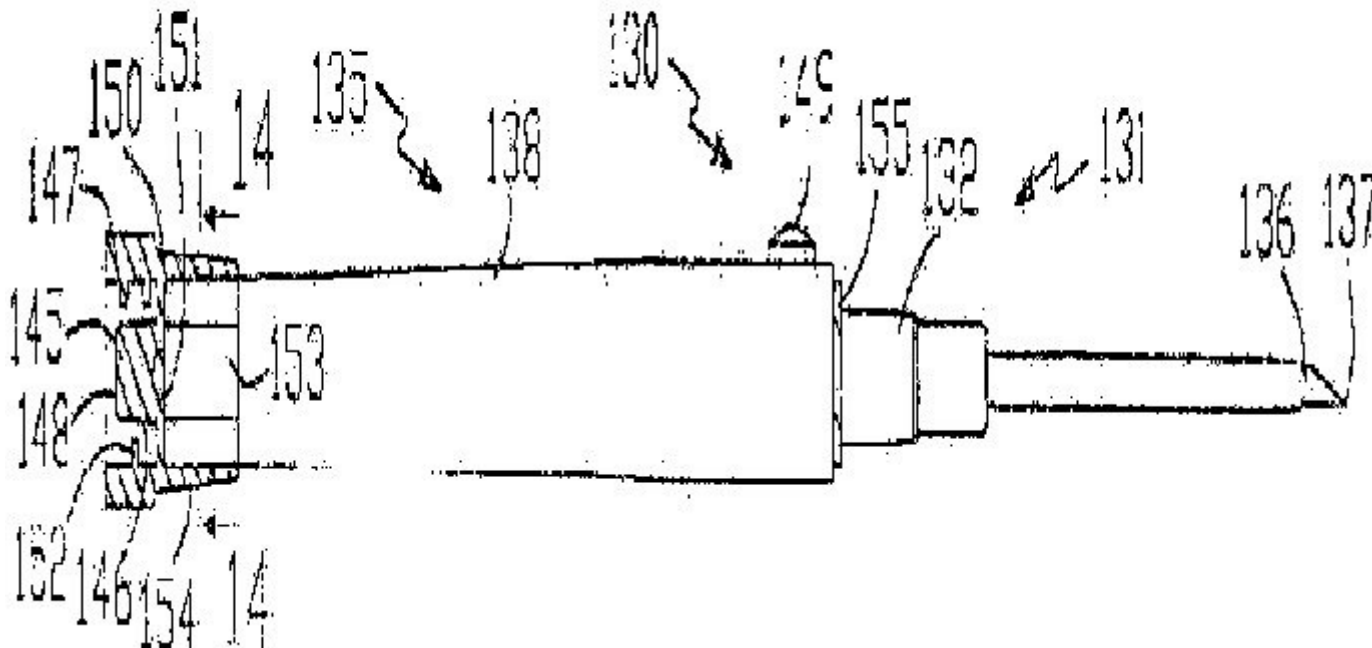
1)SERGEY POPOV

No of Pages : 27

No of Claims : 21

(57) Abstract :

Safety catheter introducer 135 (see fig. 13) comprises catheter 131, needle 136, a safely means including needle protector 138 and actuated by trigger 149, as well as catheter cap 150. The latter is initially detachably retained on hexagonal shank 153 of protector 138 by moderate friction forces, and male luer member 145 is protected from contact with personnel by cap lateral wall 147. After the catheter emplacement, needle withdrawal and needle sharp point protection, operator turns protector 138 through 180 degrees and fixes cap 150 on catheter 131 by thread 152 using protector 138 as a cap holder. In doing so, male luer member 145 occludes the catheter entrance. Thereafter, operator easily detaches the protector from the cap. As a result, catheter 131 remains in patient's vein being closed with cap 150.



(54) Title of the invention : "BROADCAST TRANSMISSION WITH SPATIAL SPREADING IN A MULTI-ANTENNA COMMUNICATION SYSTEM"

(51) International classification :H04L 25/03
 (31) Priority Document No :60/530,860
 (32) Priority Date :17/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041643
 Filing Date :13/12/2004
 (87) International Publication No :WO 2005/060192
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

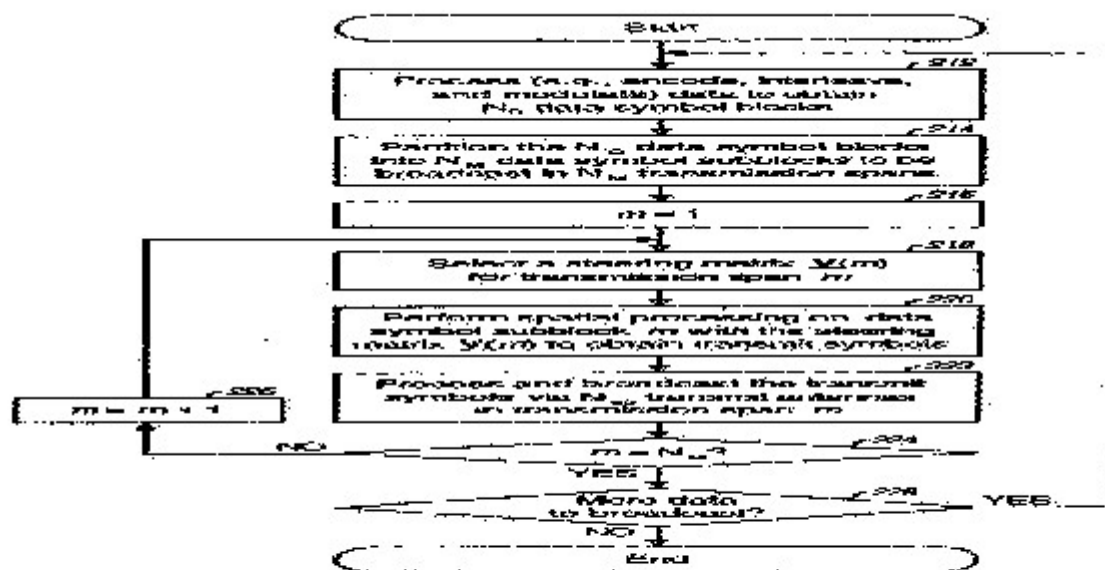
(71)Name of Applicant :
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 (72)Name of Inventor :
1)JAY RODNEY WALTON
2)JOHN W. KETCHUM
3)MARK S. WALLACE
4)STEVEN J. HOWARD

No of Pages : 72

No of Claims : 70

(57) Abstract :

An access point in a multi-antenna system broadcasts data using spatial spreading to randomize an "effective" channel observed by each user terminal for each block of data symbols broadcast by the access point. At the access point, data is coded, interleaved, and modulated to obtain ND data symbol blocks to be broadcast in NM transmission spans, where $ND \geq 1$ and $NM > 1$. The ND data symbol blocks are partitioned into NM data symbol subblocks, one subblock for each transmission span. A steering matrix is selected (e.g., in a deterministic or pseudo-random manner from among a set of L steering matrices) for each subblock. Each data symbol subblock is spatially processed with the steering matrix selected for that subblock to obtain transmit symbols, which are further processed and broadcast via NT transmit antennas and in one transmission span to user, terminals within a broadcast coverage area.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3429/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PYRAZOLE DERIVATIVES AS PROTEIN KINASE MODULATORS"

(51) International classification :C07D 231/12
(31) Priority Document No :0329617.5
(32) Priority Date :23/12/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB.2004/005464
Filing Date :23/12/2004
(87) International Publication No :WO 2005/061463
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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11)BOYLE ROBERT GEORGE

12)COLLINS IAN

No of Pages : 218

No of Claims : 33

(57) Abstract :

The invention provides compounds of the formula: (I) having protein kinase B inhibiting activity: wherein A is a saturated hydrocarbon linker group containing from 1 to 7 carbon atoms, the linker group having a maximum chain length of 5 atoms extending between R1 and NR2R3 and a maximum chain length of 4 atoms extending between E and NR2R3, wherein one of the carbon atoms in the linker group may optionally be replaced by an oxygen or nitrogen atom; and wherein the carbon atoms of the linker group A may optionally bear one or more substituents selected from oxo, fluorine and hydroxy, provided that the hydroxy group when present is not located at a carbon atom a with respect to the NR2R3 group and provided that the oxo group when present is located at a carbon atom a with respect to the NR2R3 group; E is a monocyclic or bicyclic carbocyclic or heterocyclic group; R1 is an aryl or heteroaryl group; and R2, R3, R4 and R5 are as defined in the claims. Also provided are pharmaceutical compositions containing the compounds, methods for preparing the compounds and their use as anticancer agents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.343/DEL/2002 A

(19) INDIA

(22) Date of filing of Application :27/03/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IMPROVED METHOD FOR DETECTION OF AFLATOXINOGENIC ASPERGILLI

(51) International classification	:G01N 33/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH 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)HARAVEY KRISHNAN MANONMANI
Filing Date	:NA	2)ARUN CHANDRASHEKAR
(87) International Publication No	:NA	3)EDDIYA RATI RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 16

(57) Abstract :

The present invention relates to three sets of novel primers of SEQ ID Nos. 1-6, wherein said three sets of primer are designed from three genes omt, ord, and afl R respectively of aflatoxin biosynthesis pathway of fungi Aspergillus flavus and an improved use of identifying aflatoxinogenic aspergilli using said three sets of primers 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.351/DEL/2002 A

(19) INDIA

(22) Date of filing of Application :27/03/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR RECOVERY OF BIOSURFACTANT FROM DISTILLERY WASTE

(51) International classification	:E21B 43/22	(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)KIRTI VIJAY DUBEY
Filing Date	:NA	2)ASHA ASHOK JUWAUKAU
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 11

(57) Abstract :

The present invention relates to a process for the recovery of biosurfactant produced from distillery waste by adsorption-desorption process using activated carbon. More specifically, the invention relates to the recovery of colourfree biosurfactant from fermented distillery waste through the following protocol given in scheme.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3561/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :11/08/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS"

(51) International classification	:C08F 210/02
(31) Priority Document No	:03251855.7
(32) Priority Date	:25/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/003112
Filing Date	:24/03/2004
(87) International Publication No	:WO 2004/085499
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :P.O. BOX 330, FIN-06101 PORVOO, FINLAND. Finland

(72)Name of Inventor :

1)MAARANEN, JANNE

2)HOIKKA, JOUNI

3)RAUTIO, SOILE

No of Pages : 25

No of Claims : 23

(57) Abstract :

A process for the preparation of an olefin homopolymer or copolymer comprising polymerising at least one C2-20- α -olefin in slurry phase in the presence of 1) a metallocene compound of formula I: (Cp)(Cp ") R_nMX₂ (I) wherein: Cp is an optionally substituted and /or optionally fused homo-or heterocyclopentadienyl ligand; Cp" is a cyclopentadienyl substituted by at least one C1-20- alky) group; R is a bridge of 1-7 bridging atoms; M is a group 4 to 6 transition metal; each X is -CH₂-Y, wherein Y is C6-20-aryl, C6-20 heteroaryl, C1-20-alkoxy, C6-20-aryloxy, -NR'₂, -SR'₃, -PR'₃, -SIR'₃, -OSiR'₃ or halogen; R' is C1-20--hydrocarbyl or in case of -NR'₂, the two substituents R' can form a ring together with the nitrogen atom wherein they are attached to; and each non-cyclopentadienyl ring moiety can further be substituted; n is 0 or 1; and (II) an aluminoxane.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3600/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR COMPOSITING THREE-DIMENSIONAL GRAPHICS IMAGES USING ASSOCIATIVE DECISION MECHANISM"

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:60/442,750	1)LUCID INFORMATION TECHNOLOGY LTD.
(32) Priority Date	:28/01/2003	Address of Applicant :LUCID INFORMATION TECHNOLOGY
(33) Name of priority country	:U.S.A.	LTD. 6 HACHILAZON STREET, 52522 RAMAT GAN, ISRAEL Israel
(86) International Application No	:PCT/IL2004/000079	(72)Name of Inventor :
Filing Date	:28/01/2004	1)BAKALASH, REUVEN
(87) International Publication No	:WO 2004/070652	2)REMEZ, OFFIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 19

(57) Abstract :

A method and system for compositing a plurality of three-dimensional Sub-Images by examining the Depth values of the Pixels corresponding to same spatial location in each Sub Image and compositing the content of the Pixel having the greatest Depth value. The Depth values are divided into two or more binary Segments, where the bit length of the Segments is determined according to their level of significance. In a first step, the numerical values of the Segments having the same level of Significance are simultaneously compared, and accordingly a group designating the Depth values which the numerical value of their Most Significant Segment is greater than is determined, and a Grade is evaluated for the Least Significant Segments indicating their numerical size in comparison with the numerical value of the other Segments of the same level of significance. In a second step, the Grades of the Segments of the Depth values which corresponds to the group are compared, and Depth value indications are removed from the group if their Grade is less than the highest Grade which corresponds to another Depth values in the group. The second step is repeated until the last set of Segments is reached or until a single Depth value is designated by the group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3746/DEL/1998 A

(19) INDIA

(22) Date of filing of Application :14/12/1998

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ALFALFA (GENERAL) COMPOSITION"

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SBL LIMITED
(32) Priority Date	:NA	Address of Applicant :14 & 15, "ARUNACHAL", 19,
(33) Name of priority country	:NA	BARAKHAMBHA ROAD, NEW DELHI-110 001, INDIA. Delhi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR.JUGAL KISHORE
(87) International Publication No	:NA	2)OM PRAKASH JAIN
(61) Patent of Addition to Application Number	:NA	3)DR. BEENA THOMAS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 8

(57) Abstract :

This invention relates to Alfaalfa (General) composition in Homoeopathy and the process for preparing the same for use in conditions such as general debility, weakness emaciation, loss of appetite, etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.396/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :26/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE EXTRACTION OF B-CAROTENE FROM VEGETABLE OILS

(51) International classification	:A61K 35/78	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :RAFI MARG NEW DELHI-110 001,INDIA.
(32) Priority Date	:NA	Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NASIRULLAH
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 2

(57) Abstract :

A process has been invented to isolate/recover β -carotene from vegetable "oils" in particular from palm stearin and high acid red palm oil which are the by-products of palm oil industry. β -carotene is also called as provitamin A, as it provides two molecules of vitamin A (Retinol/Retinaldehyde) in the human system. β -carotene has the ability to quench singlet oxygen and other reactive species which are responsible for cancer and increases immune system efficiency. It is also believed to protect from cardio-vascular diseases and muscular degeneration. This new process involves the treatment of fat with alkaline alcoholic solution in hot condition which degrades glycerides into corresponding mixed fatty acids salt without affecting the non-fatty portion which contains β -carotene. The total solution is extracted with acetone/Benzene/diethyl ether/hexane/chloroform in pure form or a combination thereof. This crude carotenoids extract is fractionated, using different solvent systems, by adsorbent column chromatography to get β -carotene rich fraction as evidenced by TLC, melting point and UV-Visible spectra in comparison with reference standard β -carotene. Mixed fatty acids, a by-product, which is a raw material for soap, detergent and cosmetic industry, can be directly extracted from the low pH fatty phase solution by an organic solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3980/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :05/09/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "ORAL INSULIN THERAPIES AND PROTOCOL"

(51) International classification :A61K

(31) Priority Document No :60/452,660

(32) Priority Date :06/03/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/006943

Filing Date :05/03/2004

(87) International Publication No :WO 2004/080401

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)ARBIT, EHUD

2)GOLDBERG, MICHAEL

3)MAJURU, SHINGAI

No of Pages : 9

No of Claims : 57

(57) Abstract :

Methods for treating impaired glucose tolerance and early and late stage diabetes in mammals, for prophylactically sparing β -cell function, aiding in preventing β -cell death, preventing the onset of overt diabetes in a mammal with type 2 diabetes, treating the current level of glycemic control dysfunction of a mammal with impaired glucose tolerance or diabetes, comprising orally administering insulin and a delivery agent that facilitates insulin absorption from the gastrointestinal tract at the time of or shortly before mealtime, e.g., within about 10 minutes prior to ingestion of a meal, on a chronic basis. The methods also comprise, in addition to administering a rapid-acting insulin to provide a first insulin peak, administering a slow acting insulin to provide a second insulin peak occurring at a later time but of a longer duration. These methods achieve improved glycemic control without the risks of hypoglycemia, hyperinsulinemia and weight gain and the need for frequent blood glucose monitoring that are normally associated with insulin therapy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :27/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PYRENE LINKED PYRROLO[2,1-C][1,4]BENZO-DIAZEPINES AS ANTI -CANCER AGENTS"

(51) International classification

:C07D
487/04

(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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2)GUJJAR RAMESH

3)PODDUTOORI RAMULU

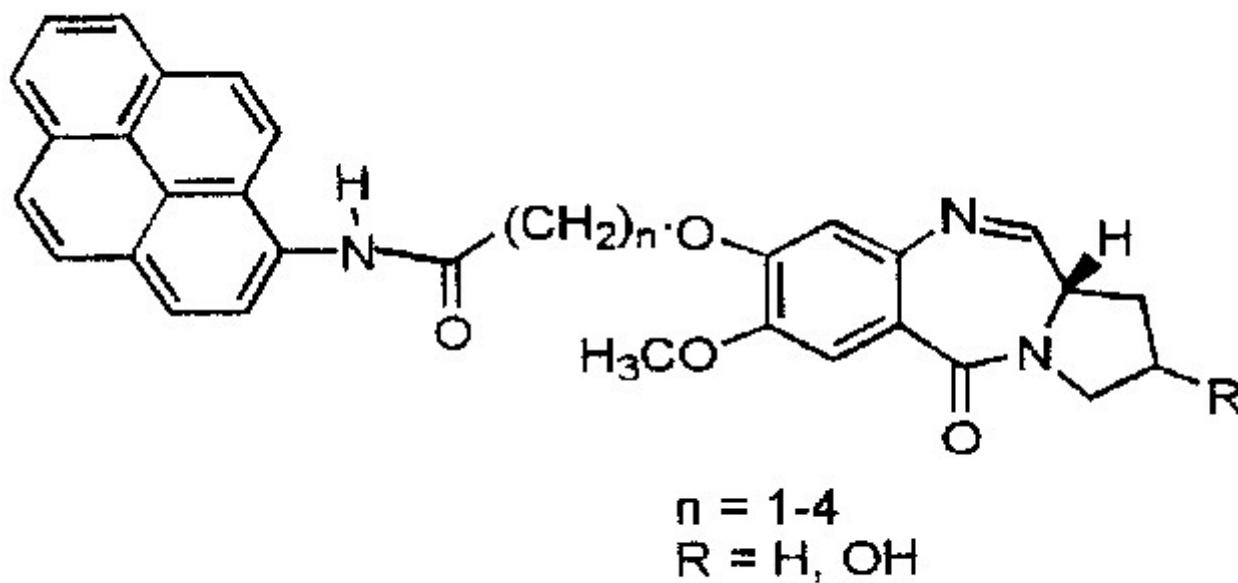
4)OLEPU SRINIVAS

No of Pages : 19

No of Claims : 16

(57) Abstract :

The present invention relates to a process for the preparation of novel pyrrolo [2,1-c][1,4]benzodiazepine hybrids useful as antitumour agents. This invention also relates to a process for the preparation of new pyrrole[2,1-c][1,4]benzodiazepine hybrids as potential antitumour agents. More particularly, it provides a process for the preparation of 7-methoxy-8-[N-(1"-pyrenyl)-alkane-3'-carboxamide]-oxy-(1 laS)-1,2,3,1 la-tetraydro 5//-pyrrolo[2,1-t][1,4]benzodiazepin-5-one, with aliphatic chain length variation of these compounds and it also describes the DNA binding, anticancer (antitumour) activity. The structural formula of this novel pyrrolo[2,1-c][1,4]benzodiazepine is given below:



(12) PATENT APPLICATION PUBLICATION

(21) Application No.462/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :27/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF (-)-EPICATECHIN FROM A NEW NATURAL SOURCE NAMELY DICHROSTACHYS CINEREA

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :RAFI MARG NEW DELHI-110 001,INDIA
Delhi India

(72)Name of Inventor :

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2)RAO JAGADLESHWAR RAO

3)JILLU SINGH YADAV

4)KONDAPURAM VIJAYA RAGHAVAN

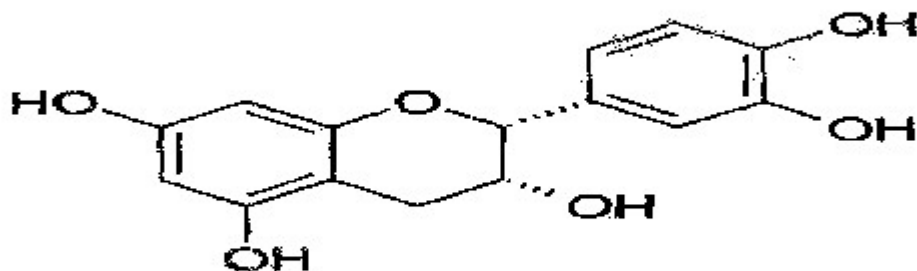
No of Pages : 6

No of Claims : 4

(57) Abstract :

This invention relates to a process for isolating (-)-epicatechin from a new plant source namely Dichrostachys cinerea in significant yield.

Fig.1



(-)-Epicatechin

(12) PATENT APPLICATION PUBLICATION

(21) Application No.481/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :16/03/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONTINUOUS LIQUID FILM FORMING DEVICE USEFUL FOR PREPARATION OF CONTINUOUS SHEETS FROM FLOWABLE LIQUIDS

(51) International classification	:A 21 C 9/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant :Rafi Marg, New Delhi Delhi India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Arugakeerthy Chakkaravarthi
(33) Name of priority country	:NA	2)Mysore Nagarajarao Ramesh
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:	
	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 4

(57) Abstract :

The liquid may have the viscosity range of 1 mPas (water consistency) to 6000 kPass (Honey consistency) at room temperature ~ 25Â°C. Edible films are useful to give a body and shape to fragile foods. The advantages of edible films are that they can be consumed along with food products, they can be used to supplement the product with additional nutrients, they present decoration an reduce flavour loss and in many cases they also extend the shelf life of the packaged product. Biodegradable plastics, as the consumer is becoming more and more environmental conscious. Research in this direction is focused on deriving newer formulations of biodegradable films in combination with plastisizers, starch based and chitosan based. However, the research and commercialization of these products are limited by the non-availability of devices for sheeting the formulations as thin films. Aavailable machineries used for conventional non-biodegradable plastic packaging materials cannot be used as they are based on extrusion of solid polymer pellets. These machines cannot handle liquid Hence, the present invention relates to a continuous liquid film forming device useful for preparation of continuous sheets from flowable liquids particularly used in foods as edible films or for packaging and in the preparation of biodegradable plastics and biofilms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :28/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A SYNERGISTIC COMPOSITION USEFUL FOR THE PREPARATION OF DENSE NEODYMIUM STABILISED B-SILICON NITRIDE-D-SIALON COMPOSITE.

(51) International classification	:F16C 33/30	(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	(72) Name of Inventor :
(32) Priority Date	:NA	1)SIDDHARTHA BANDYOPADHYAY
(33) Name of priority country	:NA	2)HIMADRI SEKHAR MAITI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 7

(57) Abstract :

The composition consists of a synergistic mixture of Si₃N₄, Al₂O₃, AlN, SiO₂ and Nd₂O₃.The cost effective synergistic composition is useful for the preparation of dense neodymium stabilised $\tilde{\alpha}$ -Si₃N₄ - α -SiAlON composite of the order of > 98% theoretical density, having high hardness and high fracture toughness. The dense $\tilde{\alpha}$ -Si₃N₄ - α -SiAlON composite will be useful for low temperature applications as wear parts like bearing and roller materials and particularly for grinding and milling operations like grinding balls.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :28/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF IMPROVED SILICON CARBIDE POWDER"

(51) International classification	:H01L 23/00	(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)SIDDHARTHA BANDYOPADHYAY
Filing Date	:NA	2)HIMADRI SEKHAR MAITI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 9

(57) Abstract :

The present invention relates to a process for the preparation of improved silicon carbide powder by carbothermal reduction of silica by inventive steps of introducing powder SiC powder simultaneously with iron in the starting composition resulting into a precursor powder which after complete reduction contains atleast 90% SiC preferably rich in the (B -phase. The main advantage, among others, is cost effectiveness. Silicon carbide powder finds wide usage in the manufacture of products suitable for refractory and engineering applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5405/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :24/11/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "BENZOPYRAN DERIVATIVES SUBSTITUTED WITH A BENZIMIDAZOLE DERIVATIVE, PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, THEIR PREPARATIONS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM"

(51) International classification :C07D 405/04 (31) Priority Document No :10-2003-0034109 (32) Priority Date :28/05/2003 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2004/001269 Filing Date :28/05/2004 (87) International Publication No :WO 2004/106330 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)DONGBU HANNONG CHEMICAL CO., LTD. Address of Applicant :19-20F, DONGBU FINANCIAL CENTER, 891-10 DAECHI-DONG, KANGNAM-KU, SEOUL 135-523 KOREA. Republic of Korea (72)Name of Inventor : 1)LIM HONG 2)LEE DONG HA 3)KIM SUN OK 4)YOO SUNG-EUN 5)YI KYU YANG 6)LEE SUN KYUNG 7)SUH JEE HEE 8)KIM NAK JEONG 9)KWANG SUN KYUNG 10)KIM TAE MI 11)LEE BYUNG HO 12)SEO HO-WON

No of Pages : 80

No of Claims : 6

(57) Abstract :

The present invention relates to benzopyran derivatives substituted with a benzimidazole derivative, or pharmaceutically acceptable salts thereof a preparation method of the same and pharmaceutical compositions containing them. Benzopyran derivative-substituted with a benzimidazole derivative, represented in , have the function. of protecting heart from ischemia-reperfusion without side effect like vasodilation, so that a pharmaceutical composition containing benzopyran derivatives substituted with a benzimidazole derivative or pharmaceutically acceptable salts thereof of the present invention as an effective ingredient can be effectively used for the protection of tissues influenced by ischemia-reperfusion, for example, for the protection of heart, nervous cells, brain, ratinal cells, storage organs, etc, and for the treatment of diseases caused by ischemia-reperfusion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5408/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :24/11/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "BENZOPYRAN DERIVATIVES SUBSTITUTED WITH A THIOXOBENZOXAZOLE DERIVATIVE, PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, THEIR PREPARATIONS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM"

(51) International classification :C07D 413/04 (31) Priority Document No :10-2003-0034110 (32) Priority Date :28/05/2003 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2004/001271 Filing Date :28/05/2004 (87) International Publication No :WO 2004/106331 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)DONGBU HANNONG CHEMICAL CO., LTD. Address of Applicant :19-20F, DONGBU FINANCIAL CENTER, 891-10 DAECHI-DONG, KANGNAM-KU, SEOUL 135-523 KOREA. Republic of Korea (72)Name of Inventor : 1)LIM HONG 2)LEE DONG HA 3)KIM SUN OK 4)YOO SUNG-EUN 5)YI KYU YANG 6)LEE SUN KYUNG 7)SUH JEE HEE 8)KIM NAK JEONG 9)HWANG SUN KYUNG 10)KIM TAE MI 11)LEE BYUNG HO 12)SEO HO-WON

No of Pages : 98

No of Claims : 6

(57) Abstract :

The present invention relates to benzopyran derivatives substituted with a thioxobenzoxazole derivative, or pharmaceutically acceptable salts thereof, processes for preparing the same and a pharmaceutical composition containing the above as an effective ingredient. Benzopyran derivatives substituted with thioxobenzoxazole derivatives, represented in , have the function of protecting heart from ischemia-reperfusion both in vivo and in vitro, so that a pharmaceutical composition containing benzopyran derivatives substituted with thioxobenzoxazole derivatives or pharmaceutically acceptable salts thereof of the present invention as an effective ingredient can be effectively used for the protection of tissues influenced by ischemia-reperfusion, for example, for the protection of heart, nervous cells, brain, retinal cells, storage organs, etc, and for the treatment of diseases caused by ischemia-reperfusion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.546/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :31/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF SPICE TEA CONCENTRATE

(51) International classification	:A23F 3/16
(31) Priority Document No	:PCT/IB02/05388
(32) Priority Date	:16/12/2002
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GURUGUNTLA SULOCHANAMMA
3)BASHYAM RAGHAVAN

No of Pages : 10

No of Claims : 3

(57) Abstract :

This invention relates to a process for preparation of spice tea concentrate. The process in particular, describes the method of preparation of spice tea concentrate using black tea and approved food grade spice extractives and its application in beverage preparation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.547/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :31/03/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : A PROCESS FOR THE PRESERVATION OF DEODURISED COCONUT SAP (NEERA)

(51) International classification	:A23B 7/00
(31) Priority Document No	:PCT/IB02/05389
(32) Priority Date	:16/12/2002
(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 to Application Number	:NA
Filing Date	:NA

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3)MYSORE NAGARAJARAO RAMESH
4)BABASAHEB BHASKARRAO BORSE
5)VISHWESHWARAIAH PRAKASH

No of Pages : 10

No of Claims : 10

(57) Abstract :

This invention relates to a process for the preservation of deodourised coconut sap (neera). The process, in particular, describes the method of preservation of coconut sap in glass bottles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/03/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : CRYSTALS OF HYDROXYNOREPHEDRINE DERIVATIVE.

(51) International classification	:C 07 C 217/60	(71) Name of Applicant :
(31) Priority Document No	:2001-277345	1)KISSEI PHARMACEUTICAL CO., LTD.
(32) Priority Date	:13/09/2001	Address of Applicant :19-48 Yoshino, Matsumoto-shi, Nagano 399-
(33) Name of priority country	:Japan	8710 MATSUMOTOSHI, NAGANO 399-8710 Japan
(86) International Application No	:PCT/JP02/08596	(72) Name of Inventor :
Filing Date	:27/08/2002	1)HIDETOSHI ISAWA
(87) International Publication No	: NA	2)YUKIHIKO HOTEI
(61) Patent of Addition to Application Number	:NA	3)KIYOSHI KASAI
Filing Date	:NA	4)JUNICHI SONEHARA
(62) Divisional to to Application Number	:NA	5)SATOSHI AKAHANE
Filing Date	:NA	6)HIROMU HARADA

No of Pages : 18

No of Claims : 9

(57) Abstract :

It is intended to provide ethyl (-)-2-[4-[2-[[[(1S,2R)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]ethyl-2,5-dimethylphenoxy]acetate hydrochloride, which has excellent effects of stimulating $\beta 3$ adrenaline receptor and treating urinary frequency and urinary incontinence and a high storage stability and is practically usable as drugs, crystals thereof and medicinal compositions containing the same

(12) PATENT APPLICATION PUBLICATION

(21) Application No.747/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :29/01/2007

(43) Publication Date : 04/05/2007

(54) Title of the invention : "TRPV1 AGONISTS, FORMULATIONS CONTAINING THEM AND USES THEREOF"

(51) International classification :C07C 235/28

(31) Priority Document No :MI2004A001566

(32) Priority Date :30/07/2004

(33) Name of priority country :Italy

(86) International Application No :PCT/EP2005/007292

Filing Date :06/07/2005

(87) International Publication No :WO 2006/010445

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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2)RIVA ANTONELLA

3)FONTANA, GABRIELE

4)APPENDINO, GIOVANNI

5)DI MARZO, VINCENZO

No of Pages : 23

No of Claims : 8

(57) Abstract :

The compounds of the general formula (I) in which X is represents two hydrogen atoms, a π -bond, oxygen or methylene; R2 is a C6-Cl2 aryl, or arylalkyl residue; R3 is hydrogen, 2-hydroxyethyl or 2-aminoethyl are useful for the treatment of pathologies mediated by vanilloid receptors type I.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7950/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION"

(51) International classification	:G06F 17/27
(31) Priority Document No	:04253269.7
(32) Priority Date	:02/06/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/CA2005/000852
Filing Date	:02/06/2005
(87) International Publication No	:WO 2005/119510
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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2)FUX VADIM

3)ELIZAROV MICHAEL G

No of Pages : 47

No of Claims : 23

(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., ie. likelihood that a user intended a particular output, but various features of the device provide additional variants that arc 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

(21) Application No.7951/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION"

(51) International classification :G06F 17/27

(31) Priority Document No :04253282.0

(32) Priority Date :02/06/2004

(33) Name of priority country :Canada

(86) International Application No :PCT/CA2005/000850

Filing Date :02/06/2005

(87) International Publication No :WO 2005/119508

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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No of Pages : 54

No of Claims : 20

(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

(21) Application No.IN/PCT/2002/00109/DEL A

(19) INDIA

(22) Date of filing of Application :29/01/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : "NOVEL STRATEGY FOR CARBOHYDRATE-BASED THERAPEUTIC VACCINES"

(51) International classification	:C12N 15/00	(71)Name of Applicant :
(31) Priority Document No	:2,279,134	1)NATIONAL RESEARCH COUNCIL OF CANADA
(32) Priority Date	:29/07/1999	Address of Applicant :M-58, 1500 MONTREAL ROAD, OTTAWA,
(33) Name of priority country	:Canada	ONTARIO K1A 0R6 CANADA Canada
(86) International Application No	:PCT/CA00/00886	(72)Name of Inventor :
Filing Date	:28/07/2000	1)HAROLD J. JENNINGS
(87) International Publication No	:WO 01/09298	2)SUBASH SAD
(61) Patent of Addition to Application Number	:NA	3)ZHONGNU GUO
Filing Date	:NA	4)TIANMIN LIU
(62) Divisional to to Application Number	:NA	5)QINLING YANG
Filing Date	:NA	

No of Pages : 17

No of Claims : 21

(57) Abstract :

The sialic acid component of a sialic acid unit-containing cell surface marker characterized by the presence of a modified sialic acid unit-containing cell surface marker which is strongly immunogenic. For example, the present invention enables, in a portion of patient cells which regularly express α 2-8 poly sialic acid (i.e. various types of cancer cells), the expression of a highly immunogenic surface antigen namely, modified α 2-8 polystyrene acid. The modification is suitably N-acylation of a precursor of the sialic acid, so that the N-acylated precursor becomes chemically incorporated in the polysialic acid during its intracellular biochemical synthesis. Antibodies specific for the modified antigen, which can be induced using a conjugate of a suitable portion of the modified sialic acid unit-containing marker (such as α 2-8 polysialic acid) and a protein, can then be used to eliminate cells which express α 2-8 polysialic acid. Vaccines can be prepared utilizing conjugates of the modified sialic acid-containing marker, or utilizing antibodies produced in response to exposure of a suitable subject to the modified sialic acid-containing marker, for managing cancer conditions which involve cancer cells characterized at least in part, by expression of modified sialic acid unit containing marker.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :26/05/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS"

(51) International classification	:C07C 49/293
(31) Priority Document No	:0227867.9
(32) Priority Date	:29/11/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/CH2003/000773
Filing Date	:24/11/2003
(87) International Publication No	:WO/2004/050595
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to 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 : 27

No of Claims : 8

(57) Abstract :

This invention relates to aliphatic carbonyl compounds of formula I wherein, their manufacture and their use in fragrance compositions.[insert formula I here]R1 to R4, X and Y have the meaning as described in the specification

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1392/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/06/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : STABILIZER COMPOSITION FOR FOAMS OF HALOGEN-CONTAINING POLYMERS

(51) International classification	:C08K 3/16
(31) Priority Document No	:102 55 154.5
(32) Priority Date	:26/11/2002
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2003/013257
Filing Date	:25/11/2003
(87) International Publication No	:WO/2004/048454
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)SANDER, Hans-JÃ¼rgen

No of Pages : 49

No of Claims : 10

(57) Abstract :

The present invention relates to a stabilizer composition for foams of halogencontaining polymers, at least comprising a salt of a halogen-containing oxyacid and at least one blowing agent, the proportion of the two components together being at least 0.1 % by weight, based on the total weight of the stabilizer composition, and the stabilizer composition comprising at least one salt of a halogen-containing oxyacid in the range of from 0.01 to 50% by weight and the at least one blowing agent in an amount in the range of fro 0.5 to 50% by weight, in each case based on the total weight of the stabilizer composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1396/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :24/06/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "TABILIZATION COMPOSITION FOR HALOGEN-CONTAINING POLYMERS"

(51) International classification :C08K 3/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2003/013256

Filing Date :25/11/2003

(87) International Publication No :WO/2004/048453

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FRISCHKEMUTH, Bernd

2)HELBIG, Christian

No of Pages : 48

No of Claims : 13

(57) Abstract :

The present invention relates to a stabiliser composition for halogen-containing polymers, composition a carrier material of general formula $C_xAl_2(OH)_2(x+2)HPO_3 \cdot m H_2O$, wherein x represents a number between 2 and 12, and m represents a number between 0 and 12. a salt of a halogen-containing oxyacid or a mixture of at least two such salts, at least one salt of a halogen-containing oxyacid being present finely distributed over the carrier material

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1417/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :27/06/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : DEVICE AND METHOD FOR HOT-DIP COATING A METAL STRAND

(51) International classification	:C23C 2/24
(31) Priority Document No	:102 55 995.3
(32) Priority Date	:30/11/2002
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2003/012791
Filing Date	:15/11/2003
(87) International Publication No	:WO/2004/050941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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3)BEHRENS, Holger

4)FALKENHAHN, Bodo

5)TRAKOWSKI, Walter

6)ZIELENBACH, Michael

7)JURGENS, Robert

No of Pages : 21

No of Claims : 11

(57) Abstract :

The present invention relates to a method and a device for hot-dip coating a metal strand, especially a steel strip, in which the metal stand is vertically guided through a container accommodating the molten coating metal and through a guide channel disposed upstream thereof. The inventive device comprises at least two inductors disposed at both sides of the metal strand in the area of the guide channel that are used to generate an electromagnetic field for retaining the coating metal in the container, and at least one sensor for detecting the position (s) of the metal strand in the area of the guide channel. The sensor for detecting the position of the metal strand consists of two coils that are disposed, when seen from the direction of conveyance of the metal strand, within the height (HO) of the inductors between the inductors and the metal strand.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/CHENP/2003 A

(19) INDIA

(22) Date of filing of Application :07/11/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : STABLE SALTS OF S-ADENOSYL-L-METHIONINE (SAME) AND THE PROCESS FOR THEIR PREPARATION

(51) International classification	:C07H 19/16	(71) Name of Applicant : 1)ORCHID CHEMICALS & PHARMACEUTICALS LIMITED Address of Applicant : "Orchid Towers", 152, Village Road, Nungambakkam, Chennai 600 034. Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IN2001/000112	(72) Name of Inventor :
Filing Date	:14/06/2001	1)DESHPANDE, Pandurang, Balwant
(87) International Publication No	:WO/2002/102823	2)SETHILKUMAR, Udayampalam, Palanisamy
(61) Patent of Addition to Application Number	:NA	3)GANESAN, Subramaniam
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 5

(57) Abstract :

This invention relates to the production of new and stable salts of S-adenosyl-L-methionine and the source of SAME used in the salts formation is from a chemical process wherein stereoselective methylation of S-adenosyl-L-homocysteine is achieved, and a simple and efficient process for producing the salts on large scale, which new salts were found to be stable at accelerated temperature for minimum 3 months

(12) PATENT APPLICATION PUBLICATION

(21) Application No.188/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :19/03/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR CO-PRODUCING PARA-XYLENE AND METAXYLENE COMPRISING TWO SEPARATION STEPS

(51) International classification	:C07C 7/12	(71) Name of Applicant :
(31) Priority Document No	:01/04.296	1)INSTITUT FRANCAIS DU PETROLE
(32) Priority Date	:29/03/2001	Address of Applicant :1 & 4,AVENUE DE BOIS-PREAU,92852
(33) Name of priority country	:France	RUEIL MALMAISON CEDEX. France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LEFLAIVE PHILIBERT
(87) International Publication No	: NA	2)MATHIVIER ALAIN
(61) Patent of Addition to Application Number	:NA	3)HOTIER GERARD
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 11

(57) Abstract :

A process is described for co-producing metaxylene and paraxylene from a hydrocarbon feed comprising two separation steps. The first step of the process is a counter-current simulated moving bed system in a chromatographic column containing at least five zones, comprising injecting the feed and injecting a desorbent and delivering an extract, a raffinate and an intermediate raffinate either continuously or discontinuously. The extract is distilled to obtain a paraxylene with a purity of at least 99.7%. The raffinate, which is richer in metaxylene, is distilled to extract the desorbent and injected into a counter-current simulated moving bed continuously delivering an extract and a raffinate. One of these two streams is enriched in metaxylene. The most metaxylene-rich stream is distilled to obtain metaxylene with a purity of more than 99%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1920/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :30/08/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : 5-SUBSTITUTED-ALKYLAMINOPYRAZOLE DERIVATIVES AS PESTICIDES

(51) International classification :C07D 231/44
(31) Priority Document No :60/361,328
(32) Priority Date :05/03/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2003/002009
Filing Date :27/02/2003
(87) International Publication No :WO/2003/074492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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3)KUHLMANN, Anke

4)TH  -NESSEN, Maria-Theresia

5)SCHNATTERER, Stefan

6)D  -LLER, Uwe

7)HUANG, Jamin

8)SEEGER, Karl

9)SCRIBNER, Andrew

10)PEREZ DE LEON, Adalberto, A.

No of Pages : 74

No of Claims : 12

(57) Abstract :

The invention relates to the use for the control of pests, of a compound which is a 5-  substituted-alkylaminopyrazole derivative of formula (I) or a salt thereof: wherein the various symbols are as defined in the description, to novel 5-substituted-  alkylaminopyrazole derivatives and pesticidal compositions thereof, and to processes for their preparation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2103/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :01/09/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING CHLORINE DIOXIDE

(51) International classification :C01B 11/02

(31) Priority Document No :10/376,261

(32) Priority Date :03/03/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/SE2004/000282

Filing Date :02/03/2004

(87) International Publication No :WO/2004/078648

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)WOODRUFF, Thomas

2)JEFFERSON, James

No of Pages : 9

No of Claims : 12

(57) Abstract :

The invention relates to a process for continuously producing chlorine dioxide comprising the steps of: diluting sulfuric acid of an initial concentration exceeding about 90 wt % with water; bringing the diluted sulfuric acid to a temperature below about 100 °C; feeding to a reactor the diluted sulfuric acid having a temperature below about 100 °C through a first feeding nozzle; feeding to said reactor (5) an aqueous solution comprising alkali metal chlorate and hydrogen peroxide through a second feeding nozzle, wherein said first and second feeding nozzles (1, 2) are opposite to and directed against each other; reacting the alkali metal chlorate with the mineral acid and the hydrogen peroxide to form a product stream containing chlorine dioxide; and, withdrawing the product stream from the reactor. The invention further relates to an apparatus for producing chlorine dioxide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.229/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/01/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR INKJET PRINTING USING RADIATION CURABLE INK

(51) International classification	:B41J3/407	(71) Name of Applicant :
(31) Priority Document No	:10/624,012	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:21/07/2003	Address of Applicant :3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:U.S.A.	MN 55133-3427 U.S.A.
(86) International Application No	:PCT/US2004/017109	(72) Name of Inventor :
Filing Date	:02/06/2004	1)NERAD, Bruce A
(87) International Publication No	:WO/2005/014293	2)WRIGHT, Robin E
(61) Patent of Addition to Application Number	:NA	3)SEVERANCE, Richard L
Filing Date	:NA	4)HUNT, William J
(62) Divisional to to Application Number	:NA	5)YLITALO, Caroline M
Filing Date	:NA	

No of Pages : 19

No of Claims : 15

(57) Abstract :

Inkjet printing apparatus for use with radiation curable ink includes a sensor for sensing the amount of radiation emitted by a source of radiation. A controller is connected to the sensor and is operable to vary the amount of radiation emitted by the radiation source in accordance with a signal received from the sensor. A drive mechanism moves the source of radiation to a location laterally offset from the substrate where the sensor is positioned.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2453/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :29/09/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOVEL STRAIN OF BIFIDOBACTERIUM BIFIDUM AND A GALACTOOLIGOSACCHARIDES PRODUCED THEREBY

(51) International classification :C12N 1/20

(31) Priority Document No :0315266.7

(32) Priority Date :30/06/2003

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2004/002815

Filing Date :30/06/2004

(87) International Publication No :WO/2005/003329

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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2)GIBSON, Glenn

3)SLUPINSKI, Jacek, Witold

4)TZORTIS, Georgios

No of Pages : 31

No of Claims : 17

(57) Abstract :

A strain of Bifidobacterium bifidum that produces a galactosidase that converts lactose to a galactooligosaccharide mixture com ri enzyme activity 6)-4)at least one tisaccharide selected from Gal (P 1 _ p sing disaccharide Gal (a I (j31-4)-Glc, tetrasaccharide Gal _ -6)-Gal (0 1-4)-Glc, Gal ((31-3)-Gal (0 1 6)-Gal (R 1-6)-Gal (J3l -6)-Gal (j3l -6)-Gal (031-6)-Gal 1 -q)_ (0 1-4)-Glc and pentasaccharide Gal (Q Glc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2501/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :03/10/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : DEVICE FOR ANALGESIC IMMOBILIZATION OF FRACTURED RIBS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:A61F 5/058 :328/03 :03/03/2003 :Switzerland :PCT/CH2004/000109 :01/03/2004 :WO/2004/078079 :NA :NA :NA :NA	(71) Name of Applicant : 1)CHRISOFIX AG Address of Applicant :Rabenfluhstrasse 25, CH-8212 Neuhausen Switzerland (72) Name of Inventor : 1)BOLLA, Kalman

No of Pages : 12

No of Claims : 13

(57) Abstract :

A device (22) for analgesic immobilizing in thorax or rib fractures is characterised by that the immobilizing device (22) contains a flat splint element(24) covering a large part of the fracture area (19), and the side of the immobilizing device (22) facing the body is provided with an adhesive layer (26) for adhering the immobilizing device (22)to the body.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :17/11/2004

(43) Publication Date : 04/05/2007

(54) Title of the invention : USE OF A MAGNESIA ZIRCONIA BRICK

(51) International classification	:C04B 35/03	(71) Name of Applicant :
(31) Priority Document No	:102 16 879.2	1)REFRACTORY INTELLECTUAL PROPERTY GMBH & CO.
(32) Priority Date	:17/04/2002	KG
(33) Name of priority country	:Germany	Address of Applicant :Wienerbergstrasse 11, A-1100 Wien Austria
(86) International Application No	:PCT/EP2003/002270	(72) Name of Inventor :
Filing Date	:06/03/2003	1)WEICHERT, Thomas
(87) International Publication No	:WO/2003/087011	2)SCHMALENBACH, Bernhard
(61) Patent of Addition to Application Number	:NA	3)GEITH, Martin
Filing Date	:NA	4)MAJCENOVIC, Christian
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 9

(57) Abstract :

The present invention relates to the use of a magnesia- zirconia brick in the regenerator chambers of glass tanks throughs,which are at least partially operated using a reducing atmosphere.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :09/04/2002

(43) Publication Date : 04/05/2007

(54) Title of the invention : STABILIZED MEDIUM AND HIGH VOLTAGE CABLE INSULATION COPOSITION

(51) International classification	:H01B 3/18	(71) Name of Applicant :
(31) Priority Document No	:01810356.4	1)CIBA SPECIALTY CHEMICALS HOLDINGS INC
(32) Priority Date	:10/04/2001	Address of Applicant :KLYBECKSTRASSE 141,4057 BASEL
(33) Name of priority country	:EUROPEAN	Switzerland
	UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)WOLFGANG VOIGT
Filing Date	:NA	2)JOHN KENNY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 13

(57) Abstract :

The invention relates to a polyethylene composition for use as insulation for wire and cable that has improved scorch resistance comprising (a) a polyethylene (b) a scorch inhibitor having a melting point below 50 Å°C at atmospheric pressure, and (c) an organic peroxide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2852/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/11/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTILAYERED CODING SUPPORTS MIGRATION TO NEW STANDARD

(51) International classification :H04N 7/26
(31) Priority Document No :03101215.6
(32) Priority Date :02/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050546
Filing Date :29/04/2004
(87) International Publication No :WO/2004/098198
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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Netherlands
(72)**Name of Inventor :**
1)BRULS, Wilhelmus, H., A.
2)VAN DER MEER, Jan

No of Pages : 12

No of Claims : 23

(57) Abstract :

Initially a service provider makes content information available to the end user in a coding scheme with a base layer and an enhancement layer. The base layer is encoded in a conventional standard, the enhancement layer is encoded in an emerging standard. Later on, the content is made available entirely in the new standard. The end-user has decoder circuitry that selectively operates in one of multiple modes. In a first mode, the circuit operates as two decoders in parallel, one for each layer. In a second mode, the circuit operates as an emerging standard decoder. Therefore, the provider efficiently uses his/her channel capacity during and after the transition to the new standard.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3092/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD OF STORING RLL ENCODED INFORMATION TO AN OPTICAL DISC WITH CONTROL OF THE FREQUENCY OF THE INFORMATION WITH RESPECT TO THE CUT-OFF FREQUENCY OF THE OPTICAL SYSTEM

(51) International classification	:G11B 20/14
(31) Priority Document No	:03076519.2
(32) Priority Date	:21/05/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050688
Filing Date	:13/05/2004
(87) International Publication No	:WO/2004/105032
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)**Name of Inventor :**
1)JANSEN, Theodorus, P., H., G.
2)SCHEP, Cornelis, M.
3)STEK, Aalbert

No of Pages : 12

No of Claims : 14

(57) Abstract :

A method of storing/retrieving information to/from an optical disc by means of an optical system with a cut-off frequency $\nu_{\text{cut-off}}$, above which frequencies cannot be detected, is disclosed. The invention relates to Run Length Limited encoded information. According to the invention, some frequencies of the encoded information can be higher than cut-off frequency of the optical system, such that the equation $4 \cdot (d+1) \cdot L_{\text{cd}} \cdot \text{NA} / \lambda_{\text{bdalaser}} < 1$ is satisfied, where $d+1$ is the minimum run length of the coding, L_{cd} is the length of a channel bit, NA is the numerical aperture and $\lambda_{\text{bdalaser}}$ is the wavelength of the optical system. Hereby, the capacity of the optical disc is increased, while the prevailing coding technique is used. Moreover, the invention relates to a disc for storing of data, a drive capable of storing data and an apparatus for manufacturing optical discs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.351/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR HOT DIP COATING A METAL BAR AND METHOD FOR HOT DIP COATING

(51) International classification :C23C 2/24

(31) Priority Document No :103 29 034.6

(32) Priority Date :27/06/2003

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2004/006147

Filing Date :08/06/2004

(87) International Publication No :WO/2005/001152

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)HARTUNG, Hans-Georg

2)TENCKHOFF, Bernhard

3)BRISBERGER, Rolf

4)BEHRENS, Holger

5)FROMMANN, Klaus

No of Pages : 28

No of Claims : 13

(57) Abstract :

The invention relates to a device for hot dip coating a metal bar (1), especially a steel strip, wherein the metal bar (1) is vertically guided through a container (3) receiving the molten coating metal (2) and through a guide channel (4) which is arranged upstream therefrom. A magnet, especially an electromagnetic inductor (5), is arranged in the region of the guide channel, said magnet generating a magnetic field in order to retain the coating metal (2) in the container (3). The container (3) is provided with molten coating metal (2) by a premelt container (6). The invention also relates to a method for hot dip coating wherein said type of device is used. According to the invention, the premelt container (6) is arranged below the guide channel (4) in order to technically adapt the existing system in a simple, efficient manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :15/03/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "A COEXTRUDED HOT-BLOWN FILM"

(51) International classification	:B32B
(31) Priority Document No	:60/411,092
(32) Priority Date	:16/09/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/025395
Filing Date	:14/08/2003
(87) International Publication No	:WO/2004/024433
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES, INC.
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1)SAAVEDRA, Jose V.,
2)PATEL, Rajen,
3)RATTA, Varun

No of Pages : 18

No of Claims : 16

(57) Abstract :

The present invention relates to a coextruded hot-blown film having at least three layers, the film comprising a core layer and, optionally, at least one intermediate layer sandwiched between two skin layers, the film having a haze value of less than about 15%, a 2% secant modulus greater than about 50,000 psi and a cross-directional (CD) shrinkage greater than 0% wherein: (a) the inner layer, or layers, comprises at least one stiffening polymer selected from the group consisting of: low density polyethylene, linear low density polyethylene, high density polyethylene, blends thereof polypropylene homopolymer, polypropylene random copolymer, styrene/butadiene copolymer, polystyrene, ethylene-vinyl acetate copolymer and cyclic-olefin copolymer, provided that when more than one inner layer is present, the inner layers can be the same or different; and, (b) the skin layers, which may be the same or different, comprise at least one of low density polyethylene; a blend of low density polyethylene and linear low density polyethylene; a blend of low density polyethylene and very low density polyethylene; polystyrene; ethylene-vinyl acetate copolymer; a blend of ethylene-vinyl acetate copolymer and linear low density polyethylene; cyclic-olefin copolymer; styrene-butadiene copolymer; or, polypropylene random copolymer, provided that the skin layers are devoid of a homogeneously branched polyethylene resin prepared with a single site catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :27/05/2002

(43) Publication Date : 04/05/2007

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

(51) International classification	:C07C 209/18
(31) Priority Document No	:P4434989.0
(32) Priority Date	:30/09/1994
(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	:1235/MAS/1995
Filed on	:25/09/1995

(71)**Name of Applicant :**
1)BASF AKTIENGESELLSCHAFT
Address of Applicant :67056 LUDWIGSHAFEN FEDERAL Germany
(72)**Name of Inventor :**
1)JURGEN DORNHAGEN
2)MANFRED PATSCH
3)ORTWIN SCHAFFER

No of Pages : 25

No of Claims : 3

(57) Abstract :

Reactive dyes of the formula where n is 1 or 2, R1 is hydrogen or hydroxysulfonyl, R2 is hydrogen or hydroxyl, R3 is substituted C1-C4-alkyl, C5-C7-cycloalkyl or substituted phenyl, R4 is hydrogen or R3 and R4, together with the nitrogen atom linking them, form a heterocyclic radical and D is a radical of a diazo or tetrazo component, each having at least one anchor, their use for dyeing or printing hydroxyl-containing or nitrogencontaining organic substrates, and novel aminonaphthalenes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.501/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :19/06/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN IPROVED PROCESS FOR THE PREPARATION OF A CEPHALOSPORIN ANTIBIOTIC

(51) International classification	:A61K 41/545	(71) Name of Applicant : 1)ORCHID CHEMICALS & PHARMACEUTICALS LTD Address of Applicant :ORCHID TOWERS,152 VILLAGE ROAD,NUNGAMBAKKAM,CHENNAI-600 034 Tamil Nadu 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)PANDURANG BALWANT DESHPANDE
(87) International Publication No	: NA	2)PRABHAT KUMAR SAHOO
(61) Patent of Addition to Application Number	:NA	3)ANANDAM VEMPALI
Filing Date	:NA	4)SRINIVASU GHANTA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 6

(57) Abstract :

The present invention relates to an improved process for the preparation of acephalosporin antibiotic. More particularly, the present invention relates to improved process for the preparation of ceftriaxone sodium of the formula (I).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :15/07/2003

(43) Publication Date : 04/05/2007

(54) Title of the invention : "AN IMPROVED METHOD FOR THE MANUFACTURE OF ISRADIPINE"

(51) International classification	:A61K 9/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHASUN CHEMICALS AND DRUGS LIMITED
(32) Priority Date	:NA	Address of Applicant :60 Velacherry Road, Chennai-600 042. Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THAKASHINAMOORTHY Chandiran,
(87) International Publication No	: NA	2)SENTHIL Kumar Minor
(61) Patent of Addition to Application Number	:NA	3)PALANIVEL Kaliyaperumal
Filing Date	:NA	4)MULLAIYUR Radhakrishnan Selvaraju
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 14

(57) Abstract :

The present invention relates to an improved method for the manufacture of Isradipine, 4- (4-Benzofurazan 1 -1 4-dihydro-2,6-dimethyl-3 3,5pyndinedicarboxylic acid methyl 1-methylethyl ester. which, involves reacting 2,1,3-benzoxadiazole-4-carboxaldehyde with methyl acetoacetate in the presence of acetic acid and piperidine in diisopropyl ether. To obtain the product 2-acetyl3-benzofurazan-4-yl-acrylic acid methyl ester which is then reacted with iso ro 13-aminocrotonate in ethanol at 25 to 35Â°C to obtain the product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :27/04/2005

(43) Publication Date : 04/05/2007

(54) Title of the invention : "BASIC MEDICINE-CONTAINING PREPARATION"

(51) International classification	:A61K 45/00	(71) Name of Applicant :
(31) Priority Document No	:2003-341247	1)KYOWA PHARMACEUTICAL IND. CO.,LTD.
(32) Priority Date	:30/09/2003	Address of Applicant : 13-9, Nishinakajima 5-chome, Yodogawa-ku,
(33) Name of priority country	:Japan	Osaka-shi, Osaka, 5320011 Japan
(86) International Application No	:PCT/JP2004/014047	(72) Name of Inventor :
Filing Date	:17/09/2004	1)MURAI, Chizu
(87) International Publication No	:WO/2005/032588	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 6

(57) Abstract :

The present invention relates to basic medicine-containing preparation characterized in comprising basic physiologically active substance; one or more enteric polymers; and sodium chloride, potassium chloride, magnesium chloride, calcium chloride, or mixture thereof as electrolytes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/777/CHE A

(19) INDIA

(22) Date of filing of Application :04/06/2001

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PACKAGING FOR A BOTTLE"

(51) International classification	:B65D 5/36
(31) Priority Document No	:FR 98/15361
(32) Priority Date	:04/12/1998
(33) Name of priority country	:France
(86) International Application No	:PCT/FR99/03004
Filing Date	:03/12/1999
(87) International Publication No	:WO 00/34134
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)SIMOTTEL BENOIT

No of Pages : 10

No of Claims : 11

(57) Abstract :

The invention relates to packaging for a bottle, which has envelope (1) made from an impermeable and approximately planar surface, such as a cardboard blank, which is folded in such a way as to have bottom (5) and an enveloping wall formed by planar parts (6) alternating with accordion-folded parts (7), each accordion-folded part (7) being connected to some first and second adjacent planar parts (6) by some first and second respective shared edges (6a, 6b) which meet at bottom (5) of envelope (1) in order to form a principal V-shaped fold (6a, 6b), where it is possible for said envelope (1) to be spread out in order to constitute a container suitable for holding a liquid capable of refrigerating bottle (B) placed in this container, characterized in that each accordion-folded part (7) is folded on both sides of planar folding line (11) extending from bottom (5) of envelope (1) to free edge (12) of envelope (1), said planar folding line is a broken line forming an alternating series of external and reflex angles.

(54) Title of the invention : DUAL MOLECULES CONTAINING PEROXY DERIVATIVE, THE SYNTHESIS AND THERAPEUTIC APPLICATIONS THEREOF

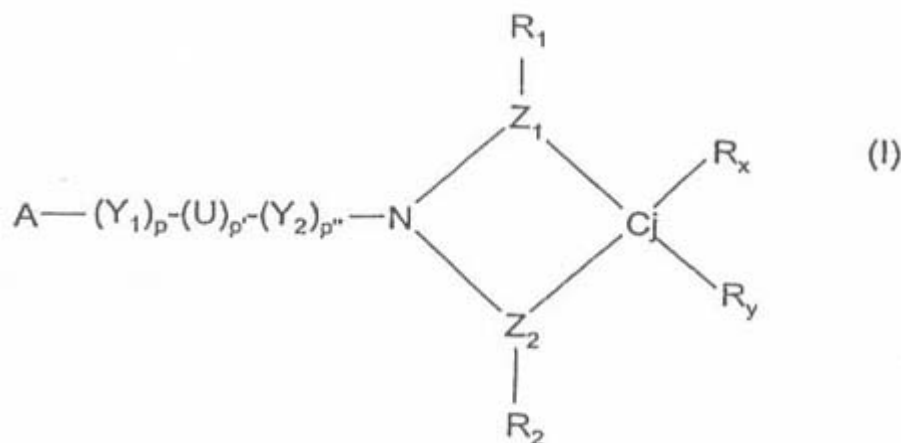
(51) International classification	:C07D 491/10	(71)Name of Applicant :
(31) Priority Document No	:0313371	1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(32) Priority Date	:14/11/2003	Address of Applicant :3 RUE MICHEL ANGE, 75016, PARIS France
(33) Name of priority country	:France	2)PAULMED S.A.
(86) International Application No	:PCT/FR2004/002874	3)SANOFI-AVENTIS
Filing Date	:09/11/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/049619	1)CAZELLES, JEROME
(61) Patent of Addition to Application Number	:NA	2)COSLEDAN, FREDERICK
Filing Date	:NA	3)MEUNIER, BERNARD
(62) Divisional to Application Number	:NA	4)PELLET, ALAIN
Filing Date	:NA	

No of Pages : 102

No of Claims : 27

(57) Abstract :

The invention relates to dual molecules of formula (I), wherein A is an antimalarial molecule residue and/or a bioavailability facilitating residue, p, p', p'' are 0 or 1 independent from each other, at least one of p or p''' being equal to 1, identical or different Y1 and Y2 are an alkylene chain possibly containing one or several amine, amide, thioamide, sulfonyl, sulfonate, sulphonamide, carbonyl, thiocarbonyl, carboxyl, thiocarboxyl, ether or thioether radicals, U is an amine, amide, thioamide, sulfonyl, sulfonate, sulphonamide, carbonyl, thiocarbonyl, carboxyl, thiocarboxyl, ether or thioether radical, Z1 and Z2 represent a alkylene radical or Z1+Z2 represent a polycyclic structure, R x and Ry form together a cyclic peroxide comprising from 4 to 8 chain links and contain 1 or 2 additional oxygen atoms in the cyclic structure. A method for producing and using the inventive dual molecules in the form of antimalarial drugs is also disclosed.



(54) Title of the invention : A PROCESS AND APPARATUS FOR GREEN BODY EXTRUSION

(51) International classification :B28B 3/24
 (31) Priority Document No :2003-906379
 (32) Priority Date :19/11/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/DK2004/000790
 Filing Date :17/11/2004
 (87) International Publication No :WO/2005/049294
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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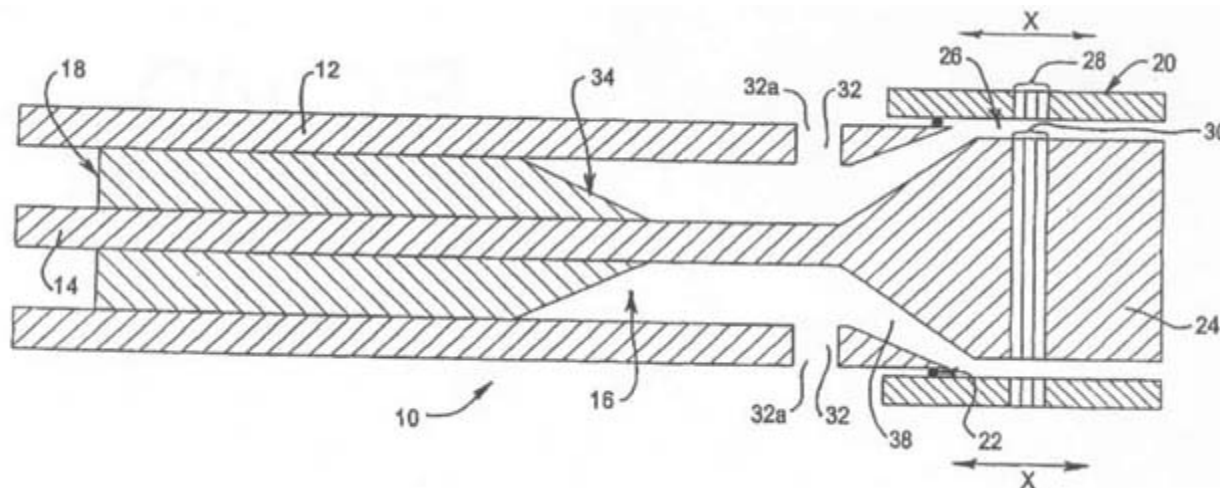
1)STANG, HENRIK**2)FREDSLUND-HANSEN, HELGE****3)GREGERSEN, JOHAN CHRISTIAN**

No of Pages : 22

No of Claims : 24

(57) Abstract :

In a process and apparatus for the extrusion of a green body from a paste or suspension of particulate material in a liquid, the suspension is supplied to and substantially fills an extrusion chamber at a relatively low pressure. A high pressure is applied to the suspension on completion of filling whereby the suspension is forced through a moulding spaced with a dewatering section defined by at least partially liquid-permeable walls. A substantial part of the liquid is removed by establishing a pressure differential across at least parts of the wall that are permeable to said liquid, to form a non-flowable shaped body of the particulate material.



(54) Title of the invention : DATA CABLE WITH CROSS-TWIST CABLED CORE PROFILE

(51) International classification :H01B 11/04
 (31) Priority Document No :10/705,672
 (32) Priority Date :10/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037509
 Filing Date :09/11/2004
 (87) International Publication No :WO/2005/048274
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

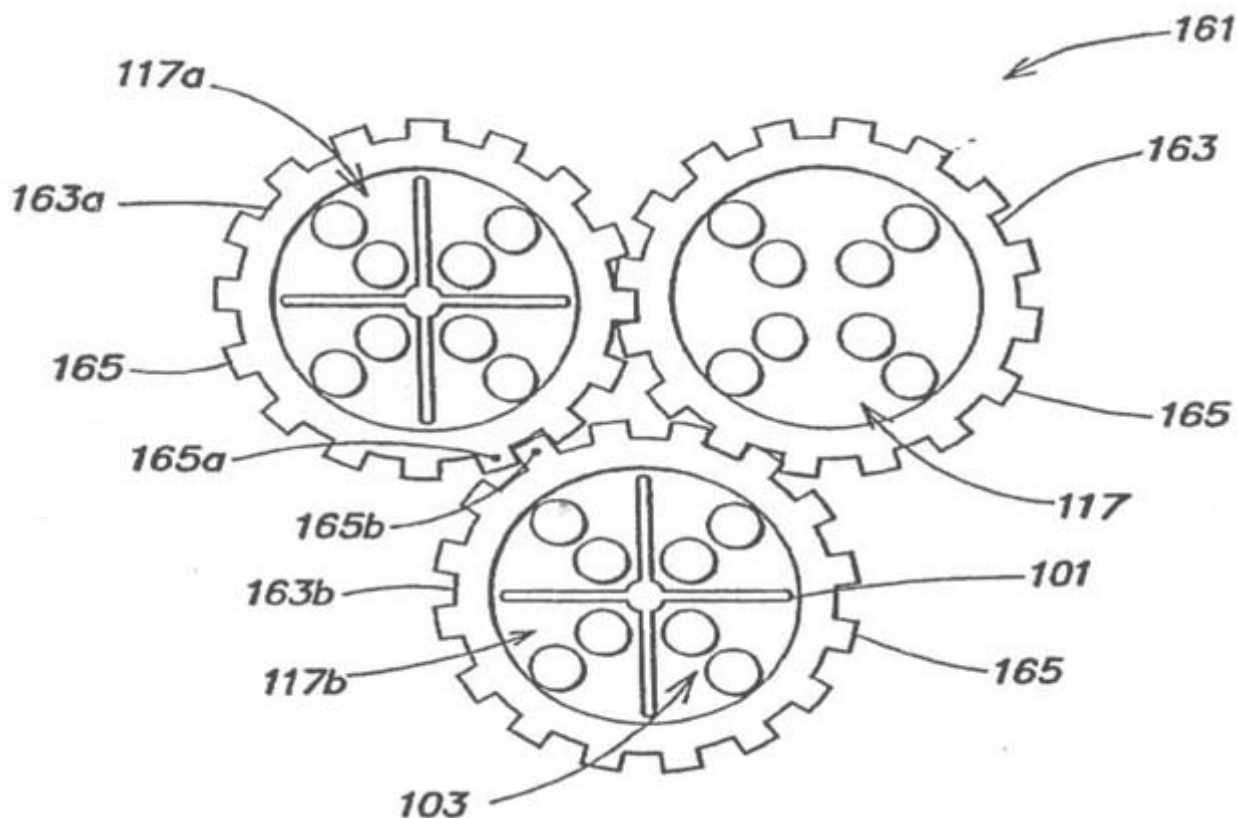
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)CLARK WILLIAM T

No of Pages : 28

No of Claims : 7

(57) Abstract :

Cables including a plurality of twisted pairs of insulated conductors and a core disposed between the plurality of twisted pairs of insulated conductors so as to separate at least one of the plurality of twisted pairs of insulated conductors from others of the plurality of twisted pairs of insulated conductors. In one example, a cable may include a jacket having a plurality of protrusions. In another example, the core may include one or more pinch points to facilitate breaking of the core. In yet another example, two or more cables may be bundled, and possibly twisted, together to form a bundled cable.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1304/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A ZINC-HYALURONATE COMPLEX FOR THE TREATMENT OF MULTIPLE SCLEROSIS

(51) International classification :A61K 31/728

(31) Priority Document No :P0303779

(32) Priority Date :20/11/2003

(33) Name of priority country :Hungary

(86) International Application No :PCT/HU2004/000107

Filing Date :18/11/2004

(87) International Publication No :WO 2005/049047

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)ILLES, JANOS

3)BOROS, ANDREWS

4)FORRAI, GABORNE

5)SZEKELY, AKOSNE

No of Pages : 15

No of Claims : 20

(57) Abstract :

The invention relates to pharmaceutical compositions for the treatment of multiple sclerosis which comprises a zinc-hyaluronan complex, preferably a zinc-hyaluronan complex with a molecular weight of 800-1200 kDa, as active ingredient and a pharmaceutically acceptable carrier and/or additive. The process for the preparation of said pharmaceutical compositions as well as the therapeutic use thereof for the treatment of multiple sclerosis are also within the scope of the invention.

(54) Title of the invention : TRANSMISSION POWER RANGE SETTING DURING CHANNEL ASSIGNMENT FOR INTERFERENCE BALANCING IN A CELLULAR WIRELESS COMMUNICATION SYSTEM

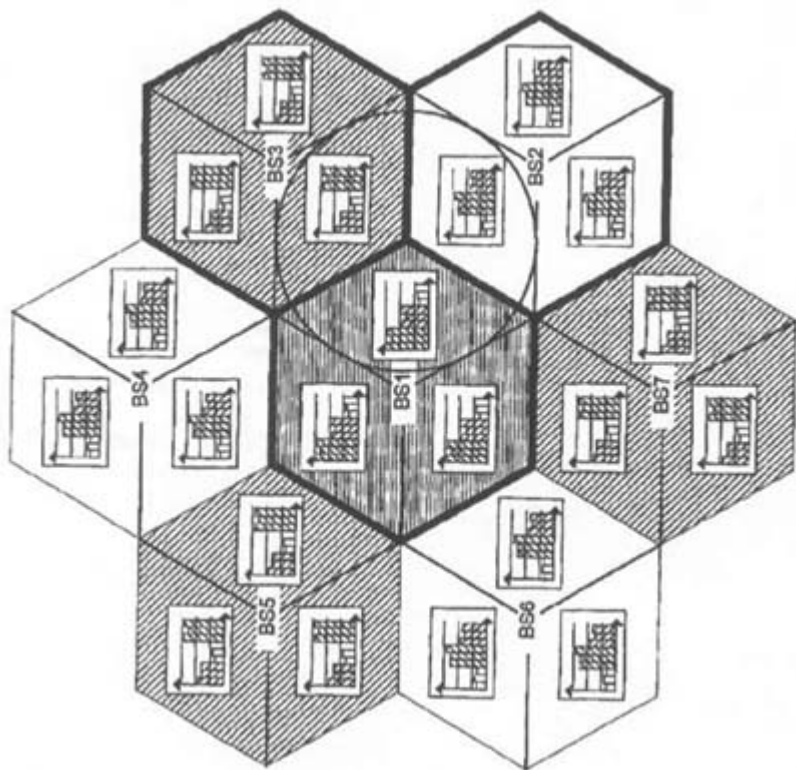
(51) International classification	:H04B 7/005	(71)Name of Applicant :	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(31) Priority Document No	:03025479.1		Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI,
(32) Priority Date	:06/11/2003		OSAKA 571-8501 Japan
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :	1)WENGERTER, CHRISTIAN
(86) International Application No	:PCT/EP2004/012561		2)GOLITSCHKE EDLER VON ELBWART, ALEXANDER
Filing Date	:05/11/2004		
(87) International Publication No	:WO/2005/046274		
(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 : 44

(57) Abstract :

The present invention relates to a method for balancing the distribution of interference between radio cells in a wireless communication system comprising cells in which subcarrier blocks are used for communication. A number of adjacent cells build a cell cluster. Moreover, the present invention relates to a corresponding method adapted for use in a system in which multi beam antennas or multiple antennas are used. Furthermore, the present invention relates to base stations performing the above method as well as a communication system comprising the base stations. To reduce the large average SIR variations without causing additional SIR estimation, measurement and calculation problem as introduced with power control the invention suggests to group subcarrier blocks into a plurality of subcarrier block sets in each cell of a cell cluster, to determine transmission power ranges for each of the cells of said cell cluster, and to assign transmission power ranges to the subcarrier block sets to perform TPC within the ranges.



(54) Title of the invention : A SOLID ORAL TOOTH WHITENING CONFECTIONARY COMPOSITION

(51) International classification :A61K 8/02
 (31) Priority Document No :PCT/EP03/13873
 (32) Priority Date :08/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/013963
 Filing Date :08/12/2004
 (87) International Publication No :WO 2005/058264
 (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)CADBURY SCHWEPPE PLC

Address of Applicant :25 BERKELEY SQUARE, LOND N W1J 6HB U.K.

(72)Name of Inventor :

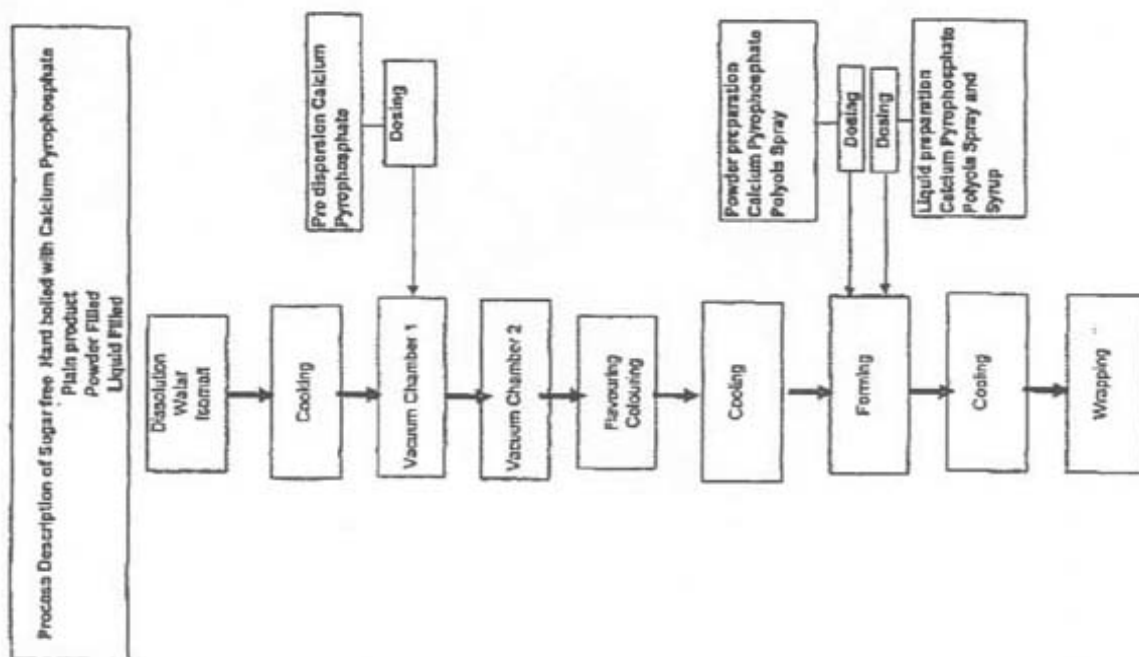
1)SORENSEN EDITH TROST

No of Pages : 19

No of Claims : 21

(57) Abstract :

The present invention provides a solid, oral tooth whitening confectionary composition comprising a tooth whitening agent comprising an alkaline or alkaline earth metal pyrophosphate, preferably calcium pyrophosphate. In one embodiment, the composition of the invention comprises an additional tooth whitening agent.



(54) Title of the invention : CEMENTITIOUS PIPES

(51) International classification :F16L9/08, F16L9/00
 (31) Priority Document No :2003906380
 (32) Priority Date :19/11/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001611
 Filing Date :19/11/2004
 (87) International Publication No :WO/2005/050079
 (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)ROCLA PTY LTD.

Address of Applicant :LEVEL 5, TOWER A ZENITH CENTRE 821
 PACIFIC HIGHWAY CHATSWOOD NEW SOUTH WALES 2067
 Australia

(72)Name of Inventor :

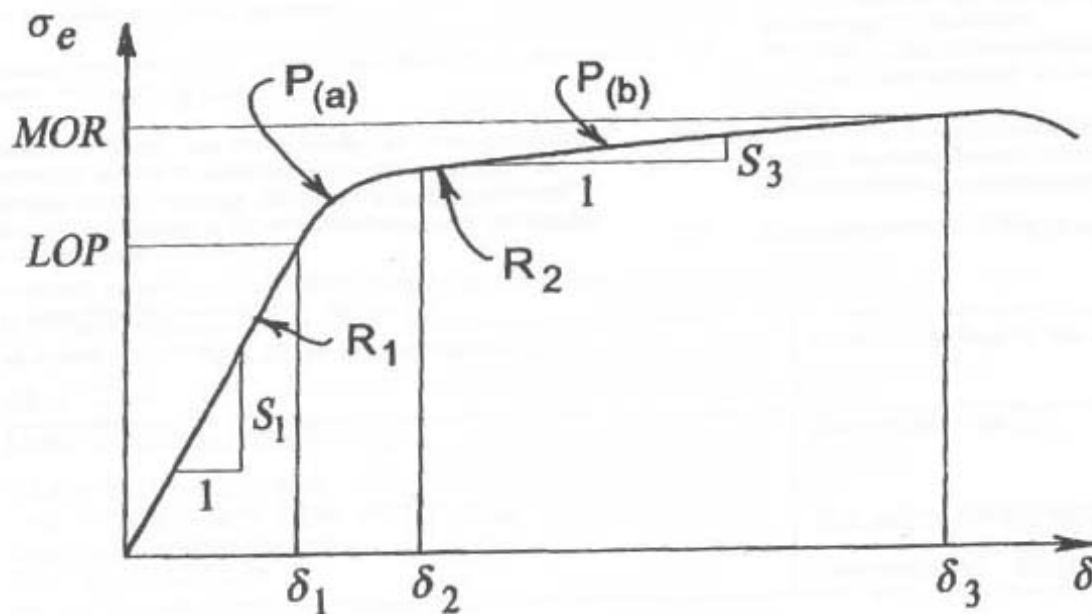
1)BAKER STEPHEN D.**2)GOURLEY JOHN TERRY****3)STANG HENRIK**

No of Pages : 22

No of Claims : 36

(57) Abstract :

A cementitious pipe has a tubular wall of fibre-reinforced cementitious pseudo strain hardening (PSH) matrix. The matrix and a wall thickness to diameter ratio within a range are such that the pipe exhibits characteristic behaviour in diametral quasi-static bending under a 3-edge bearing method. The behaviour is such that a stress versus relative displacement curve for the pipe exhibits a substantially linear elastic region having a first slope within first limits, and from the LOP to the MOR for the pipe, a PSH region which, beyond a possible transition region, has a slope which is less than that of the elastic region and is within second limits.



(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification :F02B 19/08
 (31) Priority Document No :0326916.4
 (32) Priority Date :19/11/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/004828
 Filing Date :16/11/2004
 (87) International Publication No :WO 2005/052335
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

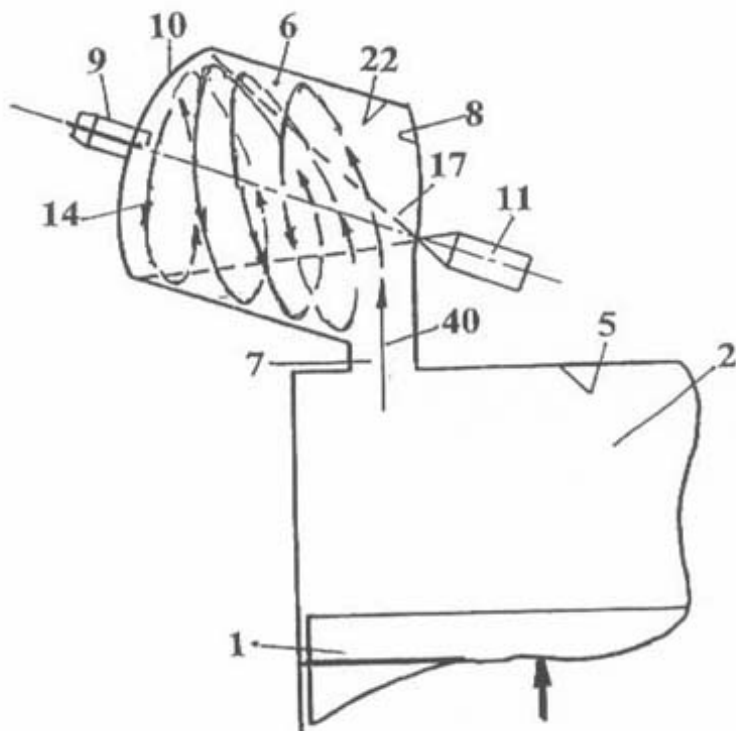
(71)**Name of Applicant :**
1)MUSI ENGINES LIMITED
 Address of Applicant :139 BAGINTON ROAD, STYVECHALE
 COVENTRY CV3 6FY, U.K.
 (72)**Name of Inventor :**
1)MERRITT DAN

No of Pages : 20

No of Claims : 10

(57) Abstract :

A high thermal efficiency lean-burn spark-ignition two or four stroke engine operable unthrottled suitable for vehicles using gasoline. It uses an indirect combustion chamber and a transfer orifice (7) aligned to produce a jet of air (40) moving in helical swirl motion around the chamber during the compression stroke. Fuel is injected into the chamber aimed into the air jet to assist rapid vaporisation. The position and orientation of the fuel injector (11) ensures that fuel arrives near the spark plug (9) even under idling conditions and the helical swirl flow ensures the stratification of the ignitable mixture formed near the plug (9).



(54) Title of the invention : OCULAR SURGICAL PROTECTIVE SHIELD

(51) International classification :A61F9/04, A61F9/04
 (31) Priority Document No :10/605,992
 (32) Priority Date :12/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/001690
 Filing Date :16/09/2004
 (87) International Publication No :WO 2005/053585
 (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)JEAN-FRANCOIS DURETTE, OCULARISTE INC.Address of Applicant :1170, BOULEVARD HENRI-BOURASSA
EST, MONTREAL, QUEBEC H2C 1G4 Canada

(72)Name of Inventor :

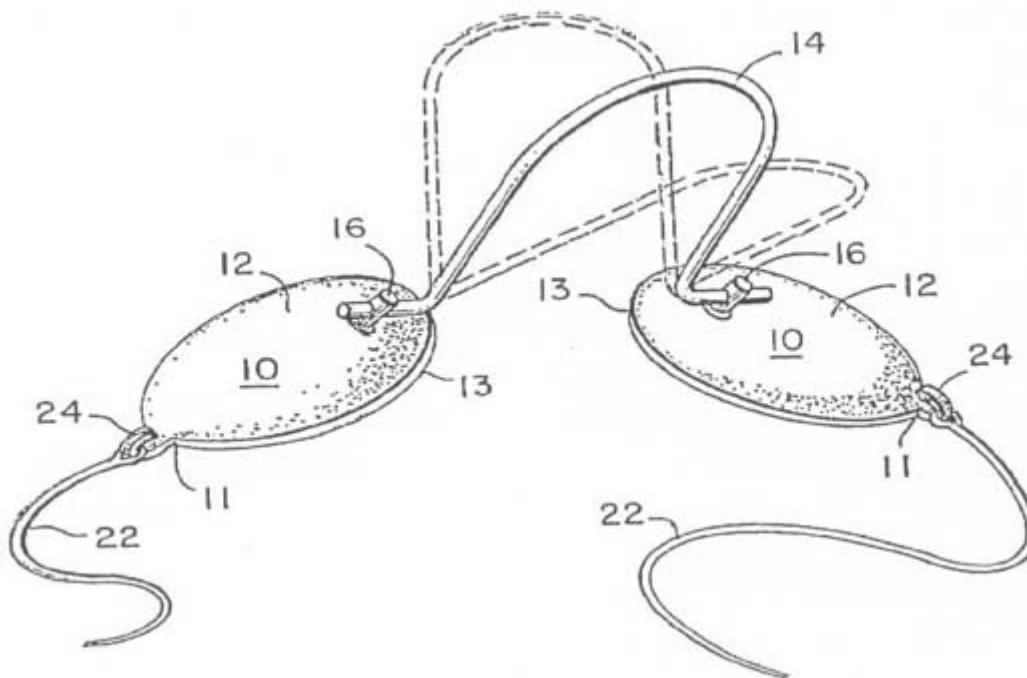
1)DURETTE, JEAN-FRANCOIS

No of Pages : 27

No of Claims : 33

(57) Abstract :

External ocular shields for protecting a patient's eyes from medical treatment radiation energy such as a laser during a medical procedure. Each shield has an external surface that absorbs energy that hits the shield. The shields are connected to each other by a nose piece, and the nose piece is connected to each shield by a mounting means. The mounting means are positioned perpendicular to the shields and parallel to each other so that the nose piece can pivot upward towards the user's forehead and downward towards the user's chin without altering the fit of the shields over the user's eyes.



(54) Title of the invention : MOBILE TELEPHONE NETWORK FOR COMMUNICATION BETWEEN TWO COMMUNICATION SETS

(51) International classification :H04B 7/24
 (31) Priority Document No :0313391
 (32) Priority Date :17/11/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002932
 Filing Date :17/11/2004
 (87) International Publication No :WO 2005/051017
 (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-BLINKAddress of Applicant :3/5 RUE MARCEL PAGNOL,Z.I. CLOS
AUCHIN 91800 BOUSSY SAINT ANTOINE, France

(72)Name of Inventor :

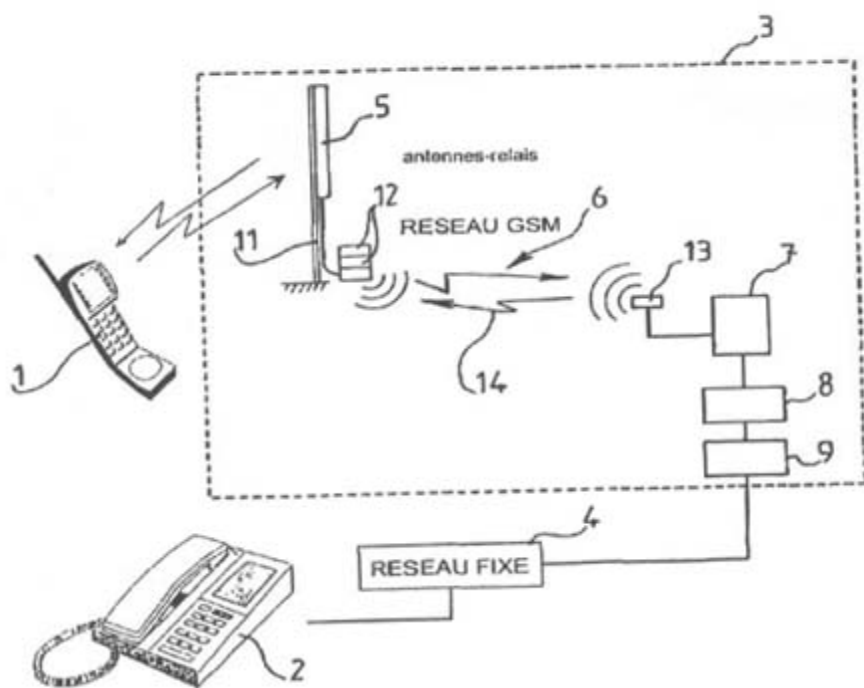
1)ROLLAND, ALAIN**2)ROLLAND, THIERRY****3)ZAGHDOUD, MAHAMED-TAHAR**

No of Pages : 15

No of Claims : 8

(57) Abstract :

The invention relates to a local communication network between a first mobile set, such as a mobile telephone (1) and a second set (2), such as a fixed-line telephone, by means of a relay antenna (5) and a connection for data transmission (6), connecting the antenna (5) to a fixed radio-frequency station (7). The network is characterised in that the transmission connection is a wireless transmission connection of radio frequency. The invention is of application to communication between a mobile telephone and a fixed-line telephone.



4... FIXED LINE NETWORK
 5... RELAY ANTENNA
 6... GSM NETWORK

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1311/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : GEOPOLYMER CONCRETE AND METHOD OF PREPARATION AND CASTING

(51) International classification :C04B 28/00

(31) Priority Document No :60/523,117

(32) Priority Date :19/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/AU2004/001608

Filing Date :19/11/2004

(87) International Publication No :WO 2005/049522

(61) Patent of Addition 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)JOHNSON GREGORY BALFOUR

No of Pages : 22

No of Claims : 27

(57) Abstract :

A method of forming a geopolymer moulded product comprising: forming a geopolymer concrete composition comprising an alkali or alkaline earth metal silicate component, an alkali or alkaline earth metal hydroxide, aggregate and water wherein the water content is insufficient to provide a slumped concrete and the ratio of SiO₂ to M₂O is at least 0.8; and casting the concrete into a mould and subjecting the moulded concrete to consolidation in the mould.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1312/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ACTIVE SUTURE FOR THE DELIVERY OF THERAPEUTIC FLUIDS

(51) International classification :A61B17/06,
A61B17/0
(31) Priority Document No :10/727,367
(32) Priority Date :04/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/040488
Filing Date :03/12/2004
(87) International Publication No :WO/2005/055836
(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)ETHICON, INC.

Address of Applicant :U.S.ROUTE 22, SOMERVILLE, NJ 08876
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(72)Name of Inventor :

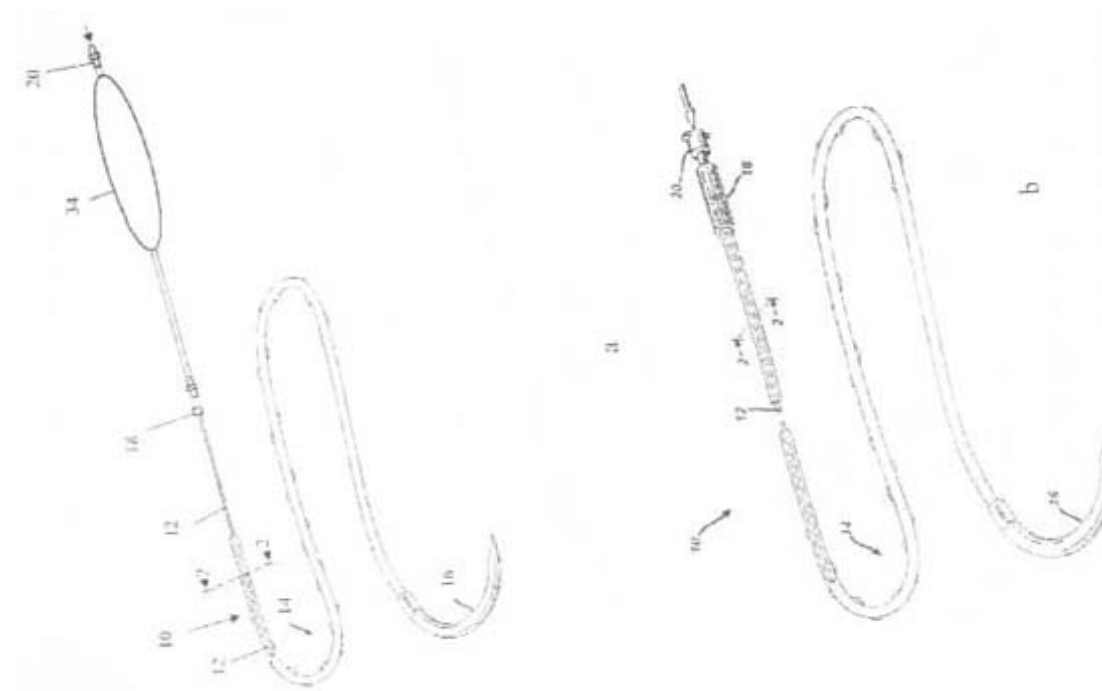
1)FRANK RICHARD CICHOCKI, Jr.

No of Pages : 29

No of Claims : 19

(57) Abstract :

An active suture that can be used for the delivery of therapeutic fluids to the tissue surrounding a wound, and option ally to close the wound, is disclosed. The invention enables delivery of an efficacious volume of drug bearing solution and provides high level of fluid delivery rate control.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1313/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : NANOSCALE, CRYSTALLINE SILICON POWDER

(51) International classification	:C01B 33/02
(31) Priority Document No	:10353996.4
(32) Priority Date	:19/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/012889
Filing Date	:13/11/2004
(87) International Publication No	:WO 2005/049491
(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)DEGUSSA AG,

Address of Applicant :BENNIGSENPLATZ 1, 40474 DUSSELDORF
Germany

(72)Name of Inventor :

1)DR. MARKUS PRIDOHL

2)PROF. PAUL ROTH

3)DR. HARTMUT WIGGERS

4)PETER KREÄŸ

5)GUIDO ZIMMERMANN

6)STEFAN HEBERER

7)DR. FRANK-MARTIN PETRAT

No of Pages : 20

No of Claims : 23

(57) Abstract :

Aggregated, crystalline silicon powder with a BET surface of more than 50 m²/g. The powder is produced by continuously feeding at least one vaporous or gaseous silane and optionally at least one vaporous or gaseous doping substance and an inert gas into a reactor and mixing the components there, wherein the proportion of silane is between 0.1 and 90 wt.% referred to the sum total of silane, doping substance and inert gas, the mixture is caused to react by input of energy, wherein a plasma is produced by the input of energy by means of electromagnetic radiation in the microwave range at a pressure of 10 to 1100 mbar, the reaction mixture is allowed to cool and the reaction product is separated in the form of a powder from gaseous substances. The powder may be used for the production of electronic components.

(54) Title of the invention : PROCESS AND DEVICE FOR THE PREPARATION OF INORGANIC MATERIALS

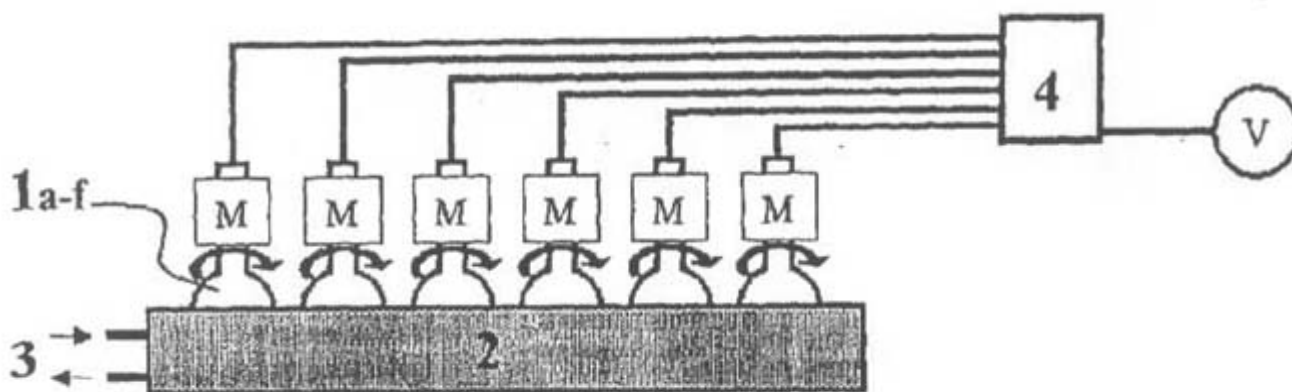
(51) International classification	:B01J19/00, B01J37/03	(71)Name of Applicant : 1)DEGUSSA AG
(31) Priority Document No	:103 57 339.9	Address of Applicant :Bennigsenplatz 1 40474 Dusseldorf Germany
(32) Priority Date	:09/12/2003	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)Dr. Ralf Mayer
(86) International Application No	:PCT/EP04/013145	2)Dr. Achim Fischer
Filing Date	:19/11/2004	3)Dr. Dorit Wolf
(87) International Publication No	:WO 2005/058499	4)Norbert Kohle
(61) Patent of Addition to Application Number	:NA	5)Dr. Uwe Dingerdisen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 4

(57) Abstract :

Process and device for the preparation of inorganic materials, in which salt solutions and solids are mixed with one another and a solid is precipitated out by addition of a further salt solution, the suspension is frozen and the solvent is removed. The solid can be investigated for its catalytic properties.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1315/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : DUAL-STAGE WAFER APPLIED UNDERFILLS

(51) International classification	:B32B27/30; B32B27/38	(71) Name of Applicant : 1)LORD CORPORATION Address of Applicant :111 Lord Drive Cary, NC 27512-8012 U.S.A.
(31) Priority Document No	:60/524,007	(72) Name of Inventor :
(32) Priority Date	:21/11/2003	1)CANELAS, Dorian, A
(33) Name of priority country	:U.S.A.	2)GHOSH, Kaylan
(86) International Application No	:PCT/US04/017749	3)KYLES Amanda W.
Filing Date	:02/06/2004	4)COLE, Edward E
(87) International Publication No	:WO 2005/056675	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 6

(57) Abstract :

A 100% non-volatile, one-part liquid underfill encapsulant is disclosed for application to the active side of a large wafer or integrated circuit chip. Upon coating, the encapsulant is converted to a liquefiable, tack-free solid by exposure to radiation, particularly in the UV, visible and infrared spectrum. The underfill-coated wafer exhibits outstanding shelf aging of months without advancement of cure. The large wafer can be singulated into smaller wafer sections and stored for months after which during solder reflow assembly, the wafer connects are fixed and the underfill liquefies, flows out to a fillet and transitions to a thermoset state on heat activated crosslinking.

(54) Title of the invention : AN ARRANGEMENT FOR PRODUCING A SPUN THREAD FROM A STAPLE FIBRE STRAND

(51) International classification :D01H1/115,
D01H4/02
(31) Priority Document No :103 58 484.6
(32) Priority Date :11/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/011589
Filing Date :15/10/2004
(87) International Publication No :WO 2005/061765
(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)MASCHINENFABRIK RIETER AGAddress of Applicant :Klosterstrasse 20 CH 8406 Winterthur
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(72)Name of Inventor :

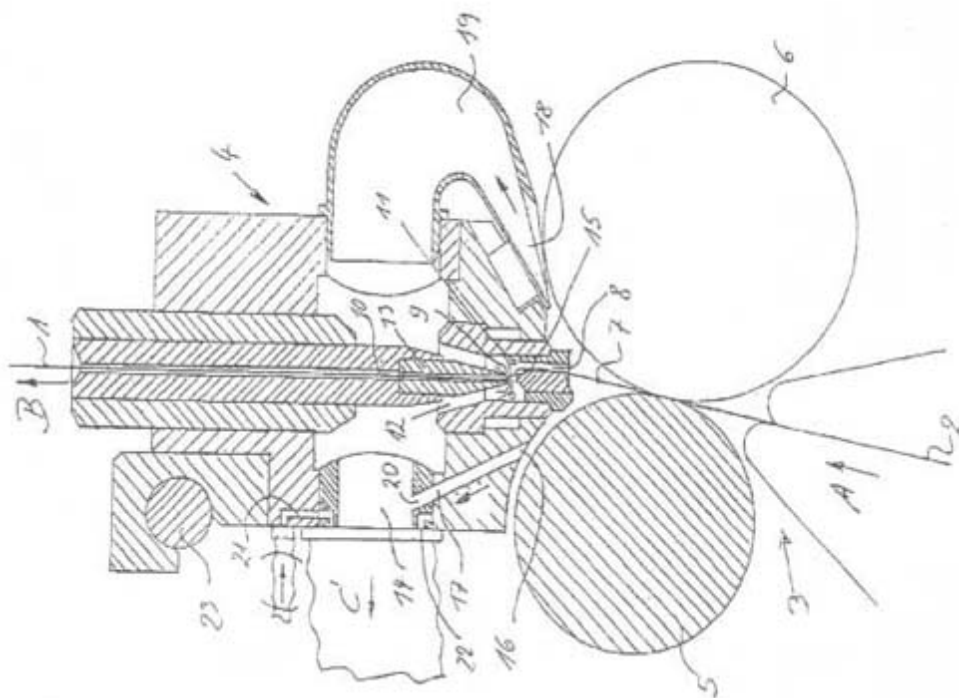
1)SCHWEIER, Peter

No of Pages : 11

No of Claims : 4

(57) Abstract :

An arrangement for producing a spun thread comprising a drafting unit having a delivery roller pair and an airjet arranged downstream thereof. In the latter, a vortex chamber with an air evacuating channel is provided. Furthermore, at least one cleaning channel is provided, which is arranged with a suction opening to the delivery roller pair. This cleaning channel is connected by means of a mouthpiece to the air evacuating channel. Furthermore a compressed air opening of an injector channel is located in the area of the mouthpiece, said injector channel increasing the low pressure of the air evacuating channel when required.



(54) Title of the invention : DEVICE FOR ACTUATING A SLIDING CLOSURE APPLIED TO A VESSEL CONTAINING MOLTEN METAL

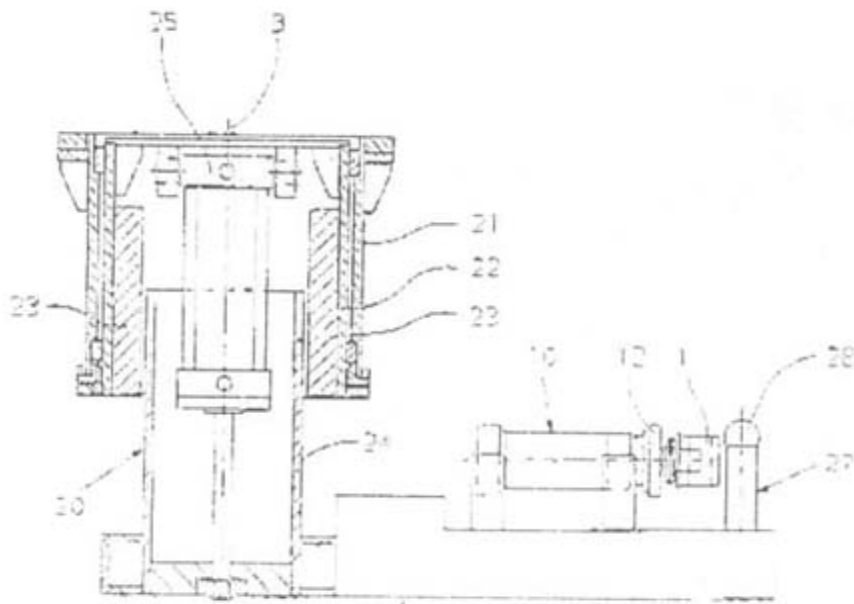
(51) International classification	:B22D41/38; B22D41/22	(71)Name of Applicant :
(31) Priority Document No	:02033/03	1)STOPINC AKTIENGESELLSCHAFT
(32) Priority Date	:28/11/2003	Address of Applicant :Bosch 83a, CH-6331 Hunenberg Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/013200	1)BUHLMANN, Roland
Filing Date	:20/11/2004	2)CHRISTEN, Rene
(87) International Publication No	:WO 2005/051574	3)ACHERMANN, Philipp
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 10

(57) Abstract :

The invention relates to a device for actuating a sliding closure (3) applied to a vessel (1) containing a molten metal, once the vessel (1) has been positioned on a ladle rotating tower. A piston/cylinder unit (10) that can be introduced into a holding element (4) of the sliding closure (3) comprises a drive shaft (11) that can be coupled to a slide rod of the sliding closure. Said piston/cylinder unit (10) can be introduced into the holding element (4) and withdrawn from the same by means of a controllable manipulator (20) arranged on the ladle rotating tower. In this way, the piston/cylinder unit can be applied to the sliding closure effortlessly and precisely in few steps.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1318/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING REVERSE CHANNEL INFORMATION OF A MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM

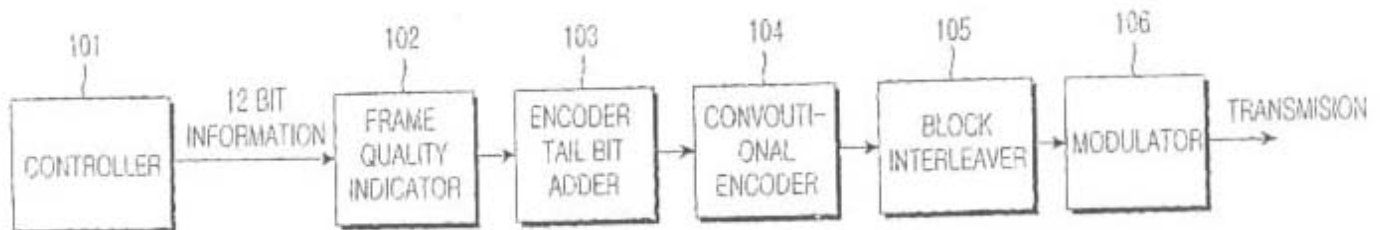
(51) International classification	:H04L12/56, H04Q7/38	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO.,LTD.
(31) Priority Document No	:10-2003- 0089740/2003	Address of Applicant :416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea
(32) Priority Date	:10/12/2003	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)HWAN-JOON KWON
(86) International Application No	:PCT/KR04/003255	2)JUNG-SOO JUNG
Filing Date	:10/12/2004	3)JU-HO LEE
(87) International Publication No	:WO/2005/057812	
(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 : 18

(57) Abstract :

Disclosed is a method for reporting channel state information between a mobile station and a base station to the base station by the mobile station in a mobile communication system. The method includes the steps of mapping the channel state information to a value stored in a channel state information table. The mapping is determined by a range of traffic-to-pilot ratio (TPR) values. The TPR values are determined according to an encoder packet site packet data rate relation. The mapping is then transmitted to the base station.



(54) Title of the invention : MOTOR FOR A FUEL PUMP

(51) International classification :F02M37/08,
H02K1/02
(31) Priority Document No :10356078.5
(32) Priority Date :01/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/052799
Filing Date :04/11/2004
(87) International Publication No :WO/2005/055392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

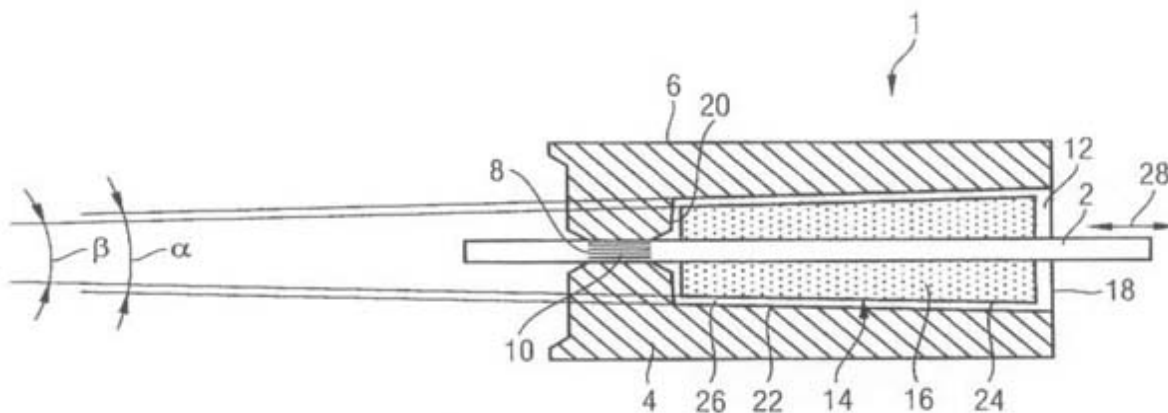
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN Germany
(72)Name of Inventor :
1)WARNKE, WOLFGANG
2)MISSUN, JENS
3)BAEMPFFER, MICHAEL

No of Pages : 10

No of Claims : 10

(57) Abstract :

The invention relates to an electronically commutated motor for a fuel pump comprising a rotor (1) which is connected in a rotationally fixed manner to a shaft (2), said rotor being provided with plastic-bonded ferrite (4). The rotor (1) comprises a fuel-resistant moulded body (6) which is formed by the plastic-bonded ferrite (4), and a magnetic return element (14) which can be adjusted in relation to the moulded body (6) in order to regulate the magnetic flow and to improve the service life in a fuel environment.



(54) Title of the invention : METHOD FOR ACCESSING A DATA PROCESSING SYSTEM

(51) International classification :G06F 21/00
 (31) Priority Document No :10353966.2
 (32) Priority Date :19/11/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/052890
 Filing Date :09/11/2004
 (87) International Publication No :WO 2005/050418
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

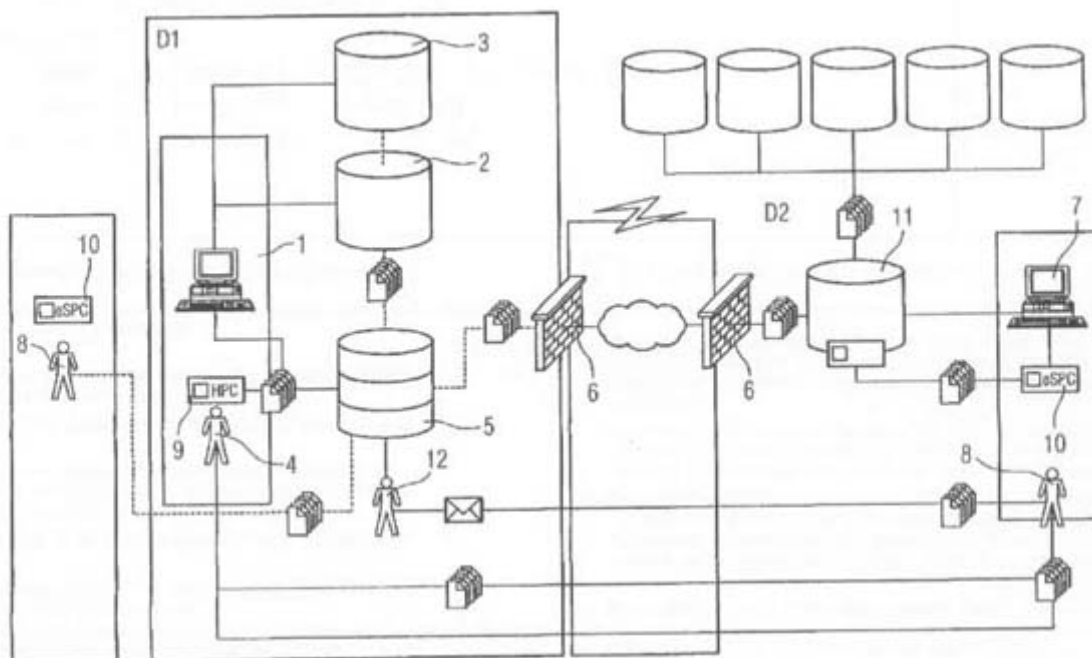
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333
 MUNCHEN Germany
 (72)Name of Inventor :
1)ARGLEBE GLIEK, CARLOS HENRIQUE
2)SCHMIDT, GERD

No of Pages : 19

No of Claims : 13

(57) Abstract :

The invention relates to a method for accessing a data processing system (D1) formed from data processing units (1, 2, 3) that are networked for data exchange. The aim of the invention is to enable a system technician (8) to access protected data exclusively according to the four-eye principle. To this end, an authentication element is respectively allocated to a system administrator (4) and the system technician (8).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1321/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A FRAMELESS WINDOW CONSTRUCTION

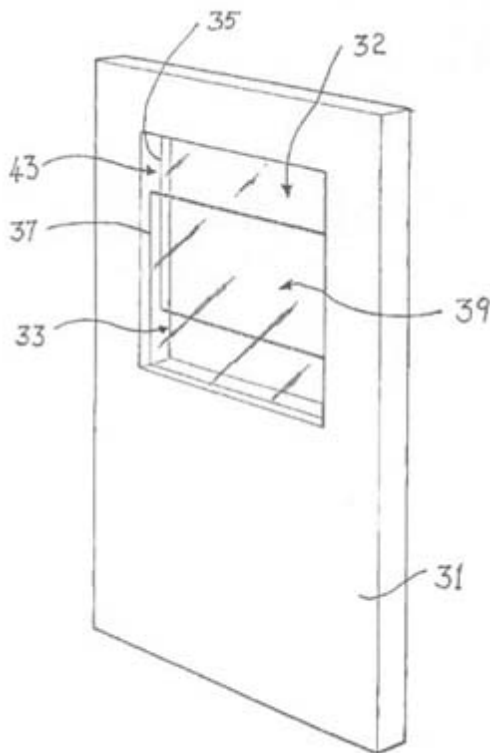
(51) International classification	:E06B 3/58	(71)Name of Applicant :
(31) Priority Document No	:2003 906 295	1)ARMACEL PTY LIMITED
(32) Priority Date	:14/11/2003	Address of Applicant :6/22 NARABANG WAY, BELROSE, NSW
(33) Name of priority country	:Australia	2085 Australia
(86) International Application No	:PCT/AU2004/001560	(72)Name of Inventor :
Filing Date	:12/11/2004	1)MATICH, FRANK
(87) International Publication No	:WO 2005/047633	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract :

A frameless window construction for walls, doors (1,31) and other such objects having an extensive surface area is disclosed. The door (1) has an aperture (2) and a thermoformable plastics sheet (5) is used to simultaneously coat the extensive surface and occlude the aperture. Preferably a second sheet (7) is used to coat the other side of the door. If desired a grille (13) can be located in the aperture (2) between the two sheets (5, 7). No frame positioned within the aperture (2) and defining the visible area of the window, is used in the construction. FIG.18



(54) Title of the invention : METHOD AND APPARATUS FOR DATA STORAGE USING STRIPING

(51) International classification :G06F7/00;
G06F15/16
(31) Priority Document No :10/727,169
(32) Priority Date :02/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/038423
Filing Date :15/11/2004
(87) International Publication No :WO 2005/060477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

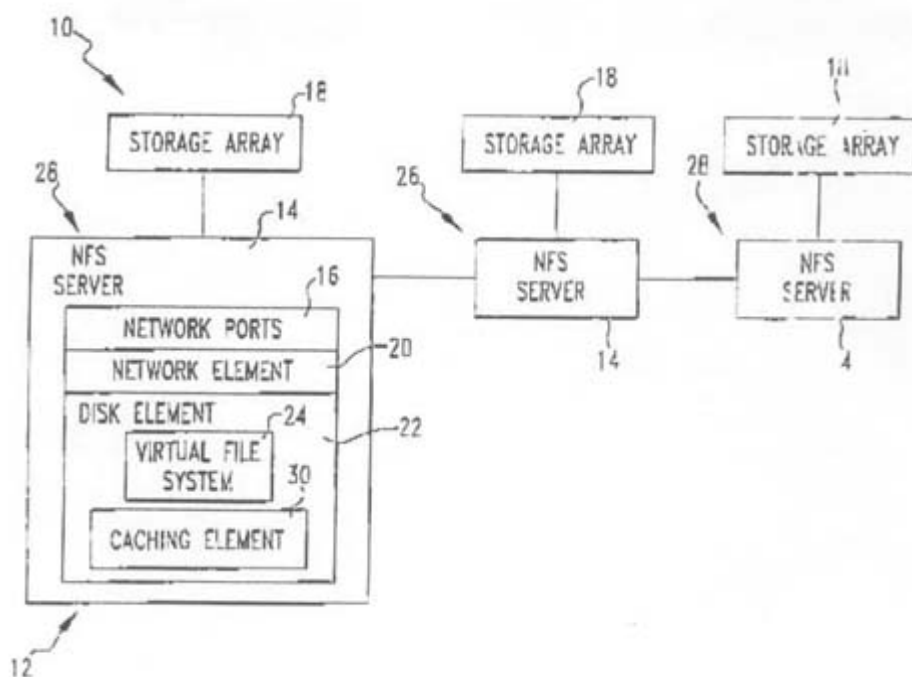
(71)Name of Applicant :
1)SPINNAKER NETWORKS, INC.
Address of Applicant :301, ALPHA DRIVE PITTSBURGH, PA 15238
U.S.A.
(72)Name of Inventor :
1)KAZAR, Michael L
2)SANZI, Richard N. Jr.

No of Pages : 36

No of Claims : 19

(57) Abstract :

An apparatus for data storage includes a cluster of NFS servers. Each server has network ports for incoming file system requests and cluster traffic between servers. The apparatus includes a plurality of storage arrays in communication with the servers. The servers utilize a striped file system for storing data. A method for data storage. A method for establishing storage for a file. A method for removing a file from storage. A method for reading data in a file. A method for writing data in a file.



(54) Title of the invention : PROCESS FOR IGNITING COMBUSTION OF FUEL IN THE COMBUSTION CHAMBER OF AN ENGINE, ASSOCIATED DEVICE AND ENGINE

(51) International classification :F02P 23/04
 (31) Priority Document No :103 56 916.2
 (32) Priority Date :01/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/013421
 Filing Date :26/11/2004
 (87) International Publication No :WO/2005/059356
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

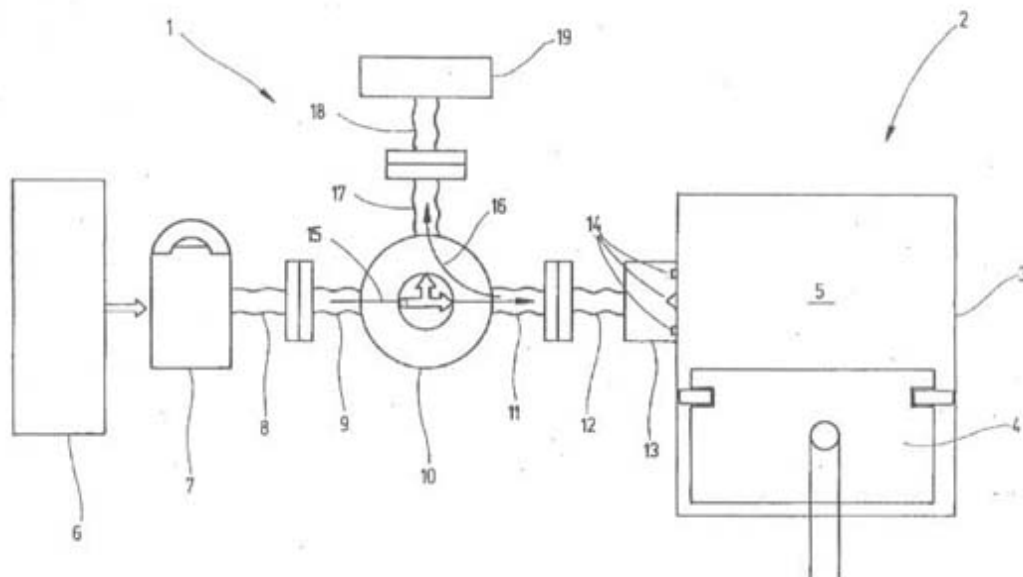
(71)Name of Applicant :
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 Address of Applicant :Horber Strasse 8 72186 Empfingen Germany
 (72)Name of Inventor :
1)HIRSCH, Nikita
2)TARASOVA Irina

No of Pages : 14

No of Claims : 14

(57) Abstract :

The invention relates to a method which is used to ignite the combustion of fuel in a combustion chamber (5) of a engine (2), by introducing microwave radiation into the combustion chamber (5), said microwave radiation being produced in a microwave source (7) on the outside of the combustion chamber (5). The introduced microwave radiation is absorbed by the fuel distributed in the combustion chamber (5). The supply of energy, in the fuel, arising from absorption, distributes combustion in a large-volume in the combustion chamber (5), preferably in the entire combustion chamber (5) and in a homogenous manner, and is essentially simultaneously ignited. The invention also relates to an associated ignition device (1) and an associated engine (2).



(54) Title of the invention : DEVICE FOR RETAINING A FUEL PUMP IN A FUEL CONTAINER

(51) International classification	:B60K 15/077
(31) Priority Document No	:103 56 061.0
(32) Priority Date	:01/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/052779
Filing Date	:03/11/2004
(87) International Publication No	:WO 2005/053987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen, Germany

(72)Name of Inventor :

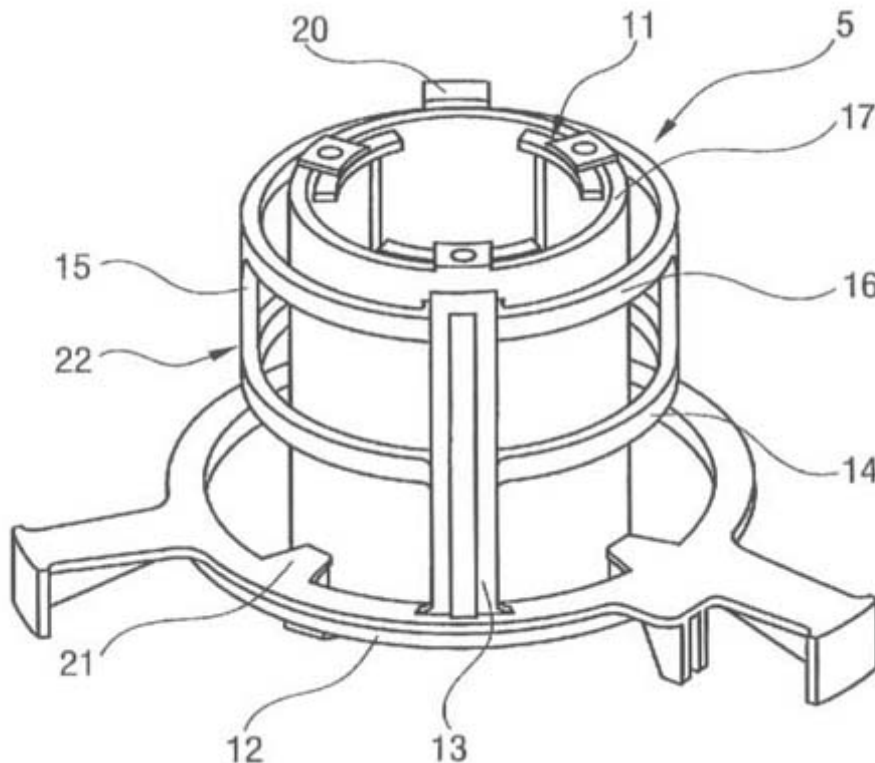
1)Dieter Hagist**2)Matthias Kadler**

No of Pages : 11

No of Claims : 10

(57) Abstract :

The invention relates to a device which is used to retain a fuel pump (4) in a fuel container (1) of a motor vehicle. The pump holder (5) is completely made of plastic according to an injection moulding method. Retaining means (10, 11) which are used to join the pump holder (5) to the fuel pump (4) and to a baffle pot (3) are connected to each other by arms (13-16) which are oriented away from each other. The arms (13-16), which are orientated away from each other, form a cardanic frame which dampens vibrations from the fuel pump (4).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1325/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND CIRCUIT CONFIGURATION FOR REFRESHING DATA IN A SEMI CONDUCTOR MEMORY

(51) International classification	:G11C11/406, G11C11/4	(71) Name of Applicant : 1)INFINEON TECHNOLOGIES AG.
(31) Priority Document No	:10/715,812	Address of Applicant :ST.-MARTIN-STR. 53, 81669 MUNICH,
(32) Priority Date	:18/11/2003	GERMANY Germany
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP04/013132	1)JONG-HOON OH
Filing Date	:18/11/2004	
(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	

No of Pages : 17

No of Claims : 5

(57) Abstract :

Methods and circuit configurations for refreshing data in a semiconductor memory device in which refresh operations are performed for a limited number of rows. The limited number of rows may include only those rows that contain valid data, for example, as determined by monitored write operations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1326/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR ISOLATING CELLS FROM MAMMARY SECRETION

(51) International classification	:C12N 5/06 A61K 35/12	(71) Name of Applicant : 1)CARAG AG
(31) Priority Document No	:PCT/CH2003/000846	Address of Applicant :BAHNHOFSTRASSE 9, CH-6340 BAAR, Switzerland
(32) Priority Date	:23/12/2003	(72) Name of Inventor :
(33) Name of priority country	:Switzerland	1)GREGAN, MARK, DEREK
(86) International Application No	:PCT/CH2004/000738	2)HARTMANN, PETER, EDWIN
Filing Date	:15/12/2004	
(87) International Publication No	:WO 2005/061696	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 24

(57) Abstract :

The present invention relates to a method for isolating progenitor cells from a human body, inclusive of all cells with stem cell-like characteristics, in particular pluripotent or multipotent progenitor cells, wherein such cells are directly or indirectly derived from human mammary secretion, be it colostrum, mature milk, or dry period secretion from males or females, of said human body during at least one of the following periods: non-pregnant period, pregnant period, lactating period, involuting period. The present invention furthermore relates to preferred uses of such isolated cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1327/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PREPARING FOR INDIVIDUALIZED DOSAGE FORMS OF MEDICAMENTS

(51) International classification	: G07F 11/00	(71)Name of Applicant :
(31) Priority Document No	:60/525,276	1)D'SILVA JOE
(32) Priority Date	:26/11/2003	Address of Applicant :753 SHEARER STREET, NORTH WALES, PA
(33) Name of priority country	:U.S.A.	19454 U.S.A.
(86) International Application No	:PCT/US2004/038868	(72)Name of Inventor :
Filing Date	:18/11/2004	1)D'SILVA JOE
(87) International Publication No	:WO/2005/053608	
(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 : 25

(57) Abstract :

The invention relates to methods for preparing individualized dosage forms of medicines, vitamins, mineral supplements, and nutraceuticals in capsule or liquid form. The invention also relates to a system for preparing individualized dosage forms in which a processor (1) is configured to identify a medicament formulation for an individual patient's dosage needs and communicates this information to a series of dispensing and verification stations with a robotic mechanical transportation system (S).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1328/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A METHOD AND A DEVICE FOR DEFINING A SMALL VOLUME OF A LIQUID SAMPLE

(51) International classification	:B01L 3/00	(71) Name of Applicant :
(31) Priority Document No	:0303157-2	1)BOULE MEDICAL AB
(32) Priority Date	:26/11/2003	Address of Applicant :BOX 42056, S-126 13 STOCKHOLM Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2004/001729	1)BERNDTSSON INGEMAR
Filing Date	:24/11/2004	
(87) International Publication No	:WO/2005/052553	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 16

(57) Abstract :

A method and a device for separating a small defined volume of a liquid sample from a relatively large undefined volume of the sample. In a surface of a first body (10) at least one cavity (12) having said small defined volume is provided. The relatively large volume of sample is applied onto the surface and into the cavity. A scraping edge (15) is moved relative to the surface and the cavity, thereby scraping a volume of the relatively large volume from the surface and leaving said small defined volume in the cavity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1329/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SOLAR WATER HEATER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B60K 16/00 :158968 :20/11/2003 :Israel :PCT/IL2004/001061 :18/11/2004 :WO/2005/050102 :NA :NA :NA :NA	(71) Name of Applicant : 1)OFER DAGAN Address of Applicant :SHA'AR HA'AMAKIM 30097 Israel (72) Name of Inventor : 1)OFER DAGAN

No of Pages : 30

No of Claims : 16

(57) Abstract :

An integral storage-collector solar water-heating system is disclosed. The system includes a tank and two absorbers, wherein the entire system is full of water. The water circulation goes from the bottom of the tank through a fine-tube absorber plate, which is located between a transparent cover exposed to the sun and an insulated plate. The heated water passes through a second absorber that heats them to a usage temperature and cause them flows into the tank's space. The second absorber is created between the exposed wall of the tank, by a grid of tunnels that are grooved in a thermally insulated layer that are attached to the inside walls of the tank. The second absorber is covered with transparent cover too. The water flow into the upper part of the tank and a thermo-siphon valve prevents the back flow. After a double heating, the water is stored inside the tank and ready for use. The system can also have an electrical heating option, a flexible turbulator in the fin-tube absorber to be shrunk in case of freezing and flexible means inside the tank for the same purpose.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1330/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "NOVEL OXY-NITRILES"

(51) International classification	:C07C 255/16
(31) Priority Document No	:60/518,655
(32) Priority Date	:12/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/037771
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/047232
(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)FLEXITRAL INC.
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(72)**Name of Inventor :**
1)TURIN, LUCA

No of Pages : 21

No of Claims : 46

(57) Abstract :

A compound or a mixture of compounds comprising an aromachemical compound of I the formula: NC-CH₂-O-R wherein: R is straight or branched chain alkyl, alkenyl having 1-16 carbon atoms, aryl, aralkyl, alkaryl, thiophenyl or substituted derivatives thereof as well as compositions, products, preparations or articles having improved aroma, fragrance or odor characteristics containing as active ingredient such compound or mixture of compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1331/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : BENZIMIDAZOLES USEFUL AS MODULATORS OF ION CHANNELS

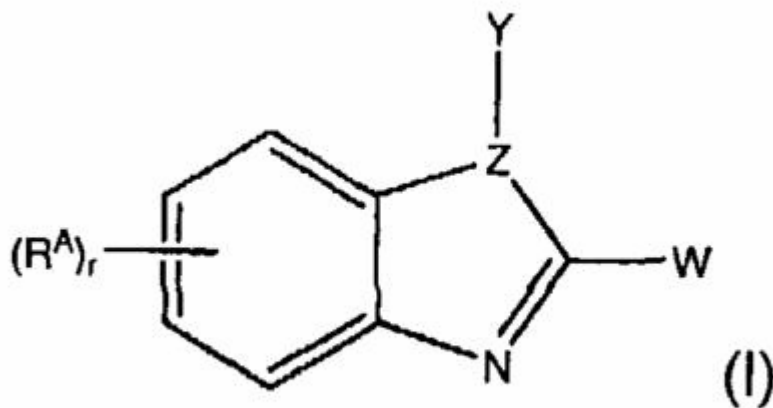
(51) International classification	:A61K 31/33	(71)Name of Applicant :
(31) Priority Document No	:60/515,088	1)VERTEX PHARMACEUTICALS, INCORPORATED
(32) Priority Date	:28/10/2003	Address of Applicant :130, WAVERL STREET, CAMBRIDGE, MA
(33) Name of priority country	:U.S.A.	02139-4242 U.S.A.
(86) International Application No	:PCT/US2004/036297	(72)Name of Inventor :
Filing Date	:28/10/2004	1)WILSON, DEAN, M.
(87) International Publication No	:WO 2005/042497	2)TERMIN, ANDREAS P.
(61) Patent of Addition to Application Number	:NA	3)GONZALEZ, JESUS, E. III
Filing Date	:NA	4)ZIMMERMANN, NICOLE
(62) Divisional to Application Number	:NA	5)ZHANG, YULIAN
Filing Date	:NA	6)FANNING, LEV, T.D.

No of Pages : 247

No of Claims : 13

(57) Abstract :

The present invention relates to compounds of Formula I: or a pharmaceutically acceptable salt thereof, wherein the R¹, Z, Y, R^A, and W groups of formula I are as defined herein. The invention also provides pharmaceutically acceptable compositions and methods of using the compositions in the treatment of various disorders.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1332/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A FILLED FOOD PRODUCT, RELATED SEMI-PROCESSED PRODUCT, AND METHODS AND PLANTS FOR PRODUCING SAME

(51) International classification

:A21B 5/02

(31) Priority Document No

:PCT/IT03/00646

(32) Priority Date

:20/10/2003

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2004/011711

Filing Date

:18/10/2004

(87) International Publication No

:WO 2005/039296

(61) Patent of Addition 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)BOSCOLO, ROSANNO

No of Pages : 40

No of Claims : 29

(57) Abstract :

The present invention relates to a filled food product, the semi-processed product from which the food product is obtained and the methods and plant for producing the same. The semi-processed product consists of a single whole piece of dough. Such dough consists of a partially cooked mixture of water and flour. The semi-processed product is formed into a goblet-like shape, has an axis c-c and an opening which defines a plane pi. The axis c-c is inclined and oblique with respect to the plane pi of the opening. The finished food product is obtained by the filling and the cooking of the semi-processed product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1333/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHODS OF SYNTHESIZING HETEROMULTIMERIC POLYPEPTIDES IN YEAST USING A HAPLOID MATING STRATEGY

(51) International classification :C12N 15/74

(31) Priority Document No :60/513,876

(32) Priority Date :22/10/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/035302

Filing Date :22/10/2004

(87) International Publication No :WO 2005/040395

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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91711 U.S.A.

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1)CREGG, JAMES, M.

2)LATHAM, JOHN

3)LITTON, MARK

4)SCHATZMAN, RANDALL

5)TOLSTORUKOV, ILYA, I.

No of Pages : 34

No of Claims : 21

(57) Abstract :

Methods are provided for the synthesis and secretion of recombinant hetero-multimeric proteins in mating competent yeast. A first expression vector is transformed into a first haploid cell; and a second expression vector is transformed into a second haploid cell. The transformed haploid cells, each individually synthesizing a non-identical polypeptide, are identified and then genetically crossed or fused. The resulting diploid strains are utilized to produce and secrete fully assembled and biologically functional hetero-multimeric protein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1334/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CHEMICAL SYNTHESIS METHOD COMPRISING ELECTRO-CATALYTIC REACTION AND APPARATUS THEREFOR

(51) International classification	:A61L 2/03
(31) Priority Document No	:60/519,677
(32) Priority Date	:12/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038001
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/046861
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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31021 U.S.A.
(72)**Name of Inventor :**
1)LAWSON, ALAN, J.
2)BAOSMAN, AHMED

No of Pages : 55

No of Claims : 41

(57) Abstract :

Methods, systems, and devices are provided for synthesizing one or more chemical products from a renewable oil, comprising the step of flowing a fluid which comprises a renewable oil through a high voltage electrical field effective to catalyze a chemical reaction involving the renewable oil. Examples of renewable oils include vegetable oils, animal fats, bio-oils, and combinations thereof. In one embodiment, the fluid further comprises an alcohol mixed with the oil, and the chemical reaction produces biodiesel and an etherified glycerin. In one embodiment, the biodiesel is further reacted to produce acetic acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1335/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : STEERING RACK MANUFACTURE

(51) International classification :B21J 5/12
(31) Priority Document No :2003-906722
(32) Priority Date :04/12/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/001693
Filing Date :03/12/2004
(87) International Publication No :WO 2005/053875
(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)BISHOP INNOVATION LIMITED
Address of Applicant :10 WATERLOO ROAD, NORTH RYDE, NSW
2113, Australia
(72)**Name of Inventor :**
1)DOHMANN, JUERGEN
2)JAEGGI, JOHAN, FRIEDERICH
3)MCLEAN, LYLE, JOHN

No of Pages : 28

No of Claims : 21

(57) Abstract :

A die apparatus and method for performing a flashless forging operation to manufacture the toothed portion of a steering rack. The die apparatus comprising first and second die members and at least one punch member, each having a forming surface shaped substantially as the obverse of a portion of said toothed portion, and at least a portion of the forming surface of said first die member being shaped substantially as the obverse of the teeth of said rack. Said first and second die members being moveable towards each other to a closed position thereby partially forging said toothed portion from a blank placed in said die apparatus and forming a substantially closed cavity defined by said forming surfaces, said punch member being adapted to move into said cavity, once said die members are in said closed position, thereby completing said forging operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1336/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MIXTURE WITH WINTERGREEN ODOR AND FLAVOR

(51) International classification	:A61K 8/33	(71) Name of Applicant :
(31) Priority Document No	:PCT/EP2003/012648	1)SYMRISE GMBH & CO. KG
(32) Priority Date	:12/11/2003	Address of Applicant :MUHLENFELDSTR, 1, 37603 HOLZMINDEN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2003/012648	(72) Name of Inventor :
Filing Date	:12/11/2003	1)KINDEL GUNTER
(87) International Publication No	:WO 2005/048964	2)KRAMMER GERHARD
(61) Patent of Addition to Application Number	:NA	3)SURBURG HORST
Filing Date	:NA	4)LOGES HUBERT
(62) Divisional to Application Number	:NA	5)MACHINEK ARNOLD
Filing Date	:NA	

No of Pages : 27

No of Claims : 17

(57) Abstract :

The invention relates to a mixture of compounds having the sensory properties of wintergreen, to fragrance and flavoring compositions containing said mixture and to flavored and perfumed products containing said mixture, to a method of adding a wintergreen flavor, odor or note to (non-wintergreen) flavored or perfumed products. Further the present invention relates to the use of said mixture as an enhancement, or as complete or partial replacement for methyl salicylate, in particular in chewing gum, foods, dentifrices, mouthwashes and other orally consumable products. The mixture comprises or consists of dihydroanethole, o-anisaldehyde, 1,3-dimethoxybenzene, 2'-hydroxyacetophenone, and optionally 2-methoxyacetophenone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1337/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ELECTROPHYSIOLOGICAL APPROACHES TO ASSESS RESECTION AND TUMOR ABLATION MARGINS AND RESPONSES TO DRUG THERAPY

(51) International classification	:A61B 5/05
(31) Priority Document No	:10/716,789
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038510
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/051169
(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)DAVIES, RICHARD J.
Address of Applicant :21 CAMERON ROAD, SADDLE RIVER,
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(72)**Name of Inventor :**
1)DAVIES, RICHARD J.

No of Pages : 77

No of Claims : 41

(57) Abstract :

A method and system are provided for determining a condition of a selected region of tissue to facilitate the location of surgical resection margins. Electropotential and impedance are measured at one or more locations in an area of the body where tissue is to be removed. An agent may be introduced into the region of tissue to enhance electrophysiological characteristics of that tissue. The condition of the tissue is measured by electropotential and impedance profile. Differences in the profile are used to determine the borders between normal and abnormal tissue so as to facilitate what tissue to resect. Methods and apparatus are also disclosed to determine the efficacy of various therapies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1338/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEM FOR DETECTING ELECTROPHYSIOLOGICAL CHANGES IN BREAST TISSUE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:A61B 5/05 :10/717,074 :19/11/2003 :U.S.A. :PCT/US2004/038509 :17/11/2004 :WO 2005/051168 :NA :NA :NA :NA	(71) Name of Applicant : 1)DAVIES, RICHARD J. Address of Applicant :21 CAMERON ROAD, SADDLE RIVER, NEW JERSEY 07458 U.S.A. (72) Name of Inventor : 1)DAVIES, RICHARD J.

No of Pages : 70

No of Claims : 36

(57) Abstract :

A method and system are provided for determining a condition of a selected region of epithelial and stromal tissue in the human breast. A plurality of measuring electrodes (500) are used to measure the tissue and transepithelial electropotential of breast tissue. Surface electropotential and impedance are also measured at one or more locations. An agent may be introduced into the region of tissue to enhance electrophysiological characteristics. The condition of the tissue is determined based on the electropotential and impedance profile at different depths of the epithelium, stroma, tissue, or organ, together with an estimate of the functional changes in the epithelium due to altered ion transport and electrophysiological properties of the tissue.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1339/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CHILD-RESISTANT PACKAGING SYSTEM AND METHOD FOR MAKING SAME

(51) International classification	:B65D 75/34	(71) Name of Applicant :
(31) Priority Document No	:60/519,601	1)MEADWESTVACO CORPORATION
(32) Priority Date	:13/11/2003	Address of Applicant :ONE HIGH RIDGE, STAMFORD, CT 06905
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/038131	(72) Name of Inventor :
Filing Date	:15/11/2004	1)GELARDI, JOHN A.
(87) International Publication No	:WO 2005/049448	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 28

(57) Abstract :

A packaging system (10) includes a tray (200) for holding a blister pack (100) containing a plurality of chambers. The blister pack is divided into a general access zone containing general access chambers (102) and a restricted access zone containing restricted access chambers (104). These zones are separated by a chamber-free zone (108). A retaining cap (300) holds the blister pack in the tray. The retaining cap and the tray include therebetween a guide post (310) fitting into a guide slot (110) in the chamber-free zone in the blister. A child resistant hinging cap (250) is hingeably mounted to the tray such that when the hinging cap is in a closed position the hinging cap locks the blister pack, and when the hinging cap is in an opened position the user can access the restricted access zone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1340/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : LOCKABLE CONTAINER WITH INNER TRAY

(51) International classification	:A61M 5/00
(31) Priority Document No	:60/520,143
(32) Priority Date	:13/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038405
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/049438
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

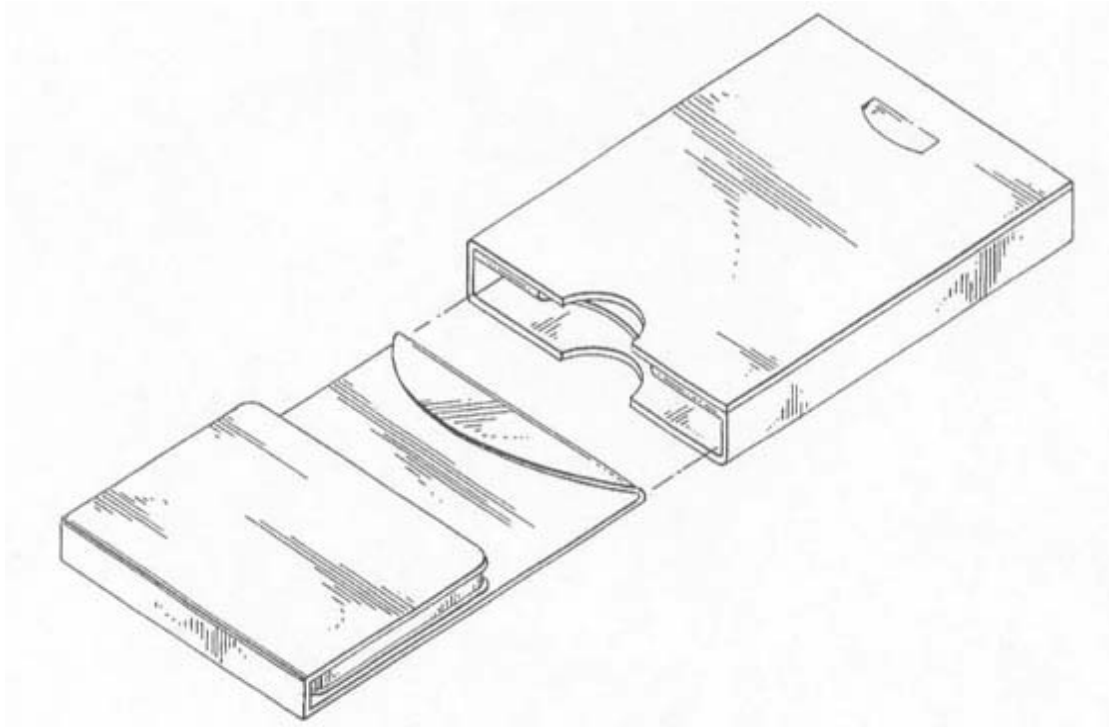
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Address of Applicant :ONE HIGH RIDGE PARK, STAMFORD, CT
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(72)**Name of Inventor :**
1)FREEZE, TIMOTHY

No of Pages : 21

No of Claims : 24

(57) Abstract :

Taught herein is a package for holding and storing various types of portable items. A pre-formed tray (12, 26) is configured to receive and store portable items of any size and shape. The tray is attached to a slide card (10), loaded with the items, and inserted into an outer sleeve (100). Receiving recesses (42, 44, 46, 48) hold the items in the tray. An engaging element (22) integral to the card or tray cooperatively engages locking elements and slopping elements (108, 120) integral to the outer sleeve. The cooperative engagement of the elements provides a child-resistant feature and a spill-resistant feature. A release element (130) disengages the child-resistant feature.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : LOCKABLE CONTAINER WITH INTEGRAL INTERNAL TRAY

(51) International classification	:B65D 5/38	(71) Name of Applicant :
(31) Priority Document No	:60/523,103	1)MEADWESTVACO CORPORATION
(32) Priority Date	:19/11/2003	Address of Applicant :ONE HIGH RIDGE PARK, STAMFORD,
(33) Name of priority country	:U.S.A.	CONNECTICUT 06905 U.S.A.
(86) International Application No	:PCT/US2004/039032	(72) Name of Inventor :
Filing Date	:19/11/2004	1)HESSION, Christopher
(87) International Publication No	:WO/2005/051801	2)WESTON, Michael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 13

(57) Abstract :

Taught herein is a package for holding and securing various types of portable items. An inner slide card with integral tray (12) is loaded with items, and inserted into an outer sleeve (200). Receiving apertures (38) and securing tabs (40) hold and secure the items in the tray. An engaging element (42), integral to the slide card or tray cooperatively engages locking elements and stopping elements (240, 216) integral to the outer sleeve. The cooperative engagement of the elements provides an optional child-resistant feature and an optional spill-resistant feature. A release button (224) integral to the outer sleeve disengages the child-resistant feature

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1342/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : FITTING FOR A VEHICLE SEAT

(51) International classification	:B60N 2/225
(31) Priority Document No	:DE 102004049991.8
(32) Priority Date	:14/10/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/010824
Filing Date	:07/10/2005
(87) International Publication No	:WO 2006/042647
(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)THIEL, PETER

2)VEDDER, ANDREAS

No of Pages : 15

No of Claims : 11

(57) Abstract :

In a fitting (5) for a vehicle seat, in particular for a motor vehicle seat, having at least the functional parts of two by themselves fully functional, adjacent single fittings (11,20) defining two parallel axes (A, B), the single fittings (11,20) are axially offset from each other relative to a common first axis (A). Fig.2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1343/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS FOR USE IN RECYCLING PAPER MATERIAL

(51) International classification :D21B 1/32

(31) Priority Document No :0327488.3

(32) Priority Date :26/11/2003

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2004/005011

Filing Date :26/11/2004

(87) International Publication No :WO 2005/054570

(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)OGUNJIMI, ADEBAYO, OLUYINKA

No of Pages : 17

No of Claims : 17

(57) Abstract :

An apparatus for use in recycling paper material, the apparatus comprising a housing unit (10) including an inlet (12) for receiving paper material to be recycled and a first processing chamber (18) having means adapted for producing a pulp from paper material, a second processing chamber (26) having a screw device (29) rotatably mounted therein, the screw device being arranged for receiving the pulped material from the first processing chamber and having a pitch configured for driving the pulped material along its lengths for squeezing liquid from the pulped material, the second processing chamber including means (32) for recovering the liquid squeezed from the pulped material, the unit including a third processing chamber (30) for adding binder to the pulped material after it has passed through the second processing chamber, and means (54) arranged for producing a paper web from the pulped material after it has been processed by the third processing chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONTACT LENS

(51) International classification	:G02C 7/04
(31) Priority Document No	:10/713,874
(32) Priority Date	:14/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036649
Filing Date	:03/11/2004
(87) International Publication No	:WO 2005/050260
(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)LEGERTON, Jerome
2)CHEN, Barry

No of Pages : 22

No of Claims : 22

(57) Abstract :

The present invention provides a contact lens(10) comprising a central portion including an optical zone(15) a peripheral portion surrounding the central portion and at least two areas of unequal size(25,30) located on the peripheral portion, wherein the areas of unequal size have a thickness that is less than a thickness of the peripheral portion. According to some embodiments, the contact lens comprises a hybrid contact lens having a substantially rigid center portion and a substantially flexible peripheral portion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1345/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTI BACTERIAL ADDITIVE

(51) International classification	:A01N 59/14
(31) Priority Document No	:10354245.0
(32) Priority Date	:18/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013219
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/048716
(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)SCHWESIG, ARTHUR
2)JAVOR, TATJANA

No of Pages : 33

No of Claims : 27

(57) Abstract :

The invention relates to an anti-bacterial additive for melamine resins, in particular for melamine-formaldehyde or melamine-urea-formaldehyde resins. Said additive is characterised in that it comprises at least one borate salt and a quaternary ammonium compound as the anti-bacterial active ingredients. As a result of the small number of individual constituents, said additive can be easily incorporated into the melamine resin, is extremely compatible with the latter and has an effective, long-lasting anti-bacterial action.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1346/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CROSS ANTENNA COMPRISING LINEAR SUB-ANTENNAS AND ASSOCIATED PROCESSING

(51) International classification	:G01V 3/12
(31) Priority Document No	:0313148
(32) Priority Date	:17/11/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/002925
Filing Date	:16/11/2004
(87) International Publication No	:WO 2005/050786
(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)CORTAMBERT, JEAN-MARC

No of Pages : 37

No of Claims : 11

(57) Abstract :

The invention relates to a cross antenna comprising linear sub-antennas and to the associated processing. More specifically, the invention relates to an antenna (1) comprising: first (2) and second (3) linear sub-antennas which are equipped with sensors (21-2M, 31-3N) forming first and second line segments and generating a basic signal (Si', Gj'), the angle between the respective directional vectors of the first and second tangents to the midpoint respectively of the first and second line segments being between 30 DEG and 150 DEG ; an antenna processing device (4, 5) forming combined signals (VSi, VGj); a signal-processing device (6, 7) generating combined useful signals (TSi, TGj); a device (8) for calculating the correlation coefficients ([Cij]) between the combined useful signals; and a device (8) for generating a detection signal ([Rij]) when a correlation coefficient exceeds a threshold. The invention can be used, for example, to obtain an antenna having fewer sensors for an equivalent performance level.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTIPLE ACTIVE AGENTS SUCH AS ANTHELMINTICS SUSTAINED RELEASE DELIVERY

(51) International classification :A61K 31/366

(31) Priority Document No :529177

(32) Priority Date :24/10/2003

(33) Name of priority country :New Zealand

(86) International Application No :PCT/NZ2004/000267

Filing Date :26/10/2004

(87) International Publication No :WO/2005/039568

(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)LEATHWICK DAVID MALCOLM

2)MUNDAY REX

No of Pages : 26

No of Claims : 24

(57) Abstract :

A method of treating animals characterised by the step of introducing to the animal a single delivery device containing two or more active agents, wherein the delivery device is configured to release an effective amount of active agents over a defined time period of 3-14 days.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1348/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MATERIAL CLASSIFIER HAVING A SCOOP WHEEL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B03B 5/48 :2,448,857 :10/11/2003 :Canada :PCT/CA2004/001936 :09/11/2004 :WO 2005/044458 :NA :NA :NA :NA	(71) Name of Applicant : 1)THOR GLOBAL ENTERPRISES LTD. Address of Applicant :839 WESTPORT CRESCENT, MISSISSAUGA, ONTARIO L5T 1E7 Canada (72) Name of Inventor : 1)JOHANNESEN, THOR, J.

No of Pages : 58

No of Claims : 19

(57) Abstract :

A material classifier for classifying a liquid-solid mixture containing solid material to be separated is provided. The material classifier includes a tank defining a reservoir for receiving the liquid-solid mixture, and a scoop wheel including a plurality of circumferentially spaced apart scoops for scooping material from the tank and subsequently discharging the scooped material from the tank during rotation of the scoop wheel. A classification system and method of classifying material is also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1349/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND DEVICE FOR TREATING OSTEOARTHRITIS AND CARTILAGE DISEASE, DEFECTS, AND INJURIES IN THE HUMAN HIP

(51) International classification	:A61N 1/32	(71)Name of Applicant :
(31) Priority Document No	:60/520,088 ,	1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
	60/535,734	Address of Applicant :3160 CHESTNUT STREET, SUITE 200,
(32) Priority Date	:14/11/2003,	PHILADELPHIA, PENNSYLVANIA 19104 U.S.A.
	09.01.2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)BRIGHTON, CARL T.
(86) International Application No	:PCT/US2004/037926	2)POLLACK, SOLOMON R.
Filing Date	:12/11/2004	
(87) International Publication No	:WO 2005/049132	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 23

(57) Abstract :

A method of determining the voltage and current required for the application of specific and selective electric and electromagnetic signals to diseased articular cartilage in the treatment of osteoarthritis, cartilage defects due to trauma or sports injury, or used as an adjunct with other therapies (cell transplantation, tissue-engineered scaffold, growth factors, etc.) for treating cartilage defects in the human hip joint and a device for delivering such signals to a patient's hip. Anatomic, analytical, and planar circuit models are developed to determine the impedances, conductivities, and current flows in the human hip joint and its surrounding soft tissues and skin that are required to produce a 20mV/cm electric field in the synovium and articular cartilage of the human hip. The voltage of the signal applied to the surface electrodes (20) or to a coil(s) or solenoid is varied based on the size of the hip joint; larger hip joints require larger voltages to generate the effective electric field.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1350/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SESQUITERPENE SYNTHASES FROM PATCHOULI

(51) International classification	:C12N 9/88	(71) Name of Applicant :
(31) Priority Document No	:60/525,512	1)FIRMENICH SA
(32) Priority Date	:26/11/2003	Address of Applicant :1 ROUTE DES JEUNES, P.O.BOX 239, 1211
(33) Name of priority country	:U.S.A.	GENEVA 8. Switzerland
(86) International Application No	:PCT/IB2004/003836	(72) Name of Inventor :
Filing Date	:19/11/2004	1)SCHALK MICHEL
(87) International Publication No	:WO 2005/052163	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 75

No of Claims : 20

(57) Abstract :

The invention relates to sesquiterpene synthases from Patchouli plants (*Pogostemon cablin*), and methods of their production and use. In one embodiment, the invention provides nucleic acids comprising a nucleotide sequence as described herein that encodes for at least one sesquiterpene synthase. In a further embodiment, the invention also provides for sesquiterpene synthases and methods of making and using these enzymes. For example, sesquiterpene synthases of the invention may be used to convert farnesyl-pyrophosphate to various sesquiterpenes including patchoulol, γ -curcumene and other germacrane-type sesquiterpenes.

(54) Title of the invention : TRANSMISSION POWER LEVEL SETTING DURING CHANNEL ASSIGNMENT FOR INTERFERENCE BALANCING IN A CELLULAR WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/005
 (31) Priority Document No :03025481.7
 (32) Priority Date :06/11/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/012563
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/046275
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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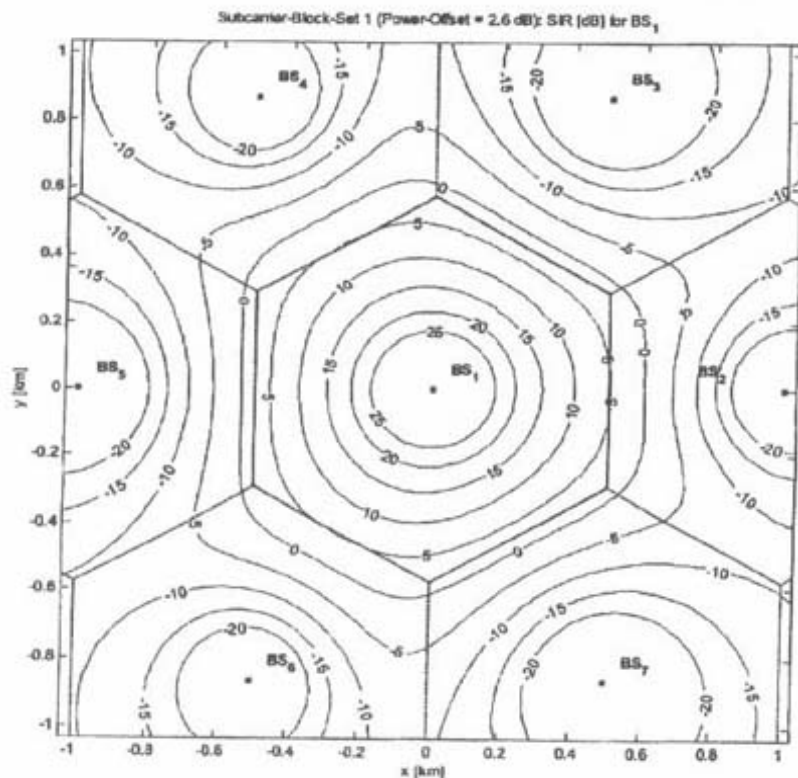
2)GOLITSCHKE EDLER VON ELBWART ALEXANDER

No of Pages : 51

No of Claims : 44

(57) Abstract :

The present invention relates to a method for balancing the distribution of interference between radio cells in a wireless communication system comprising cells in which subcarrier blocks are used for communication. A number of adjacent cells build a cell cluster. Moreover, the present invention relates to a corresponding method adapted for use in a system in which multi beam antennas or multiple antennas are used. Furthermore, the present invention relates to base stations performing the above method as well as a communication system comprising the base stations. To reduce the large average SIR variations without causing additional SIR estimation, measurement and calculation problem as introduced with power control the invention suggests to group subcarrier blocks into a plurality of subcarrier block sets in each cell of a cell cluster, to determine transmission power levels for each of the cells of said cell cluster, and to assign transmission power levels to the subcarrier block sets.



(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : TUBING CONNECTION KIT AND METHOD

(51) International classification	:F16L 25/14
(31) Priority Document No	:0324700.4
(32) Priority Date	:23/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004436
Filing Date	:21/10/2004
(87) International Publication No	:WO 2005/045297
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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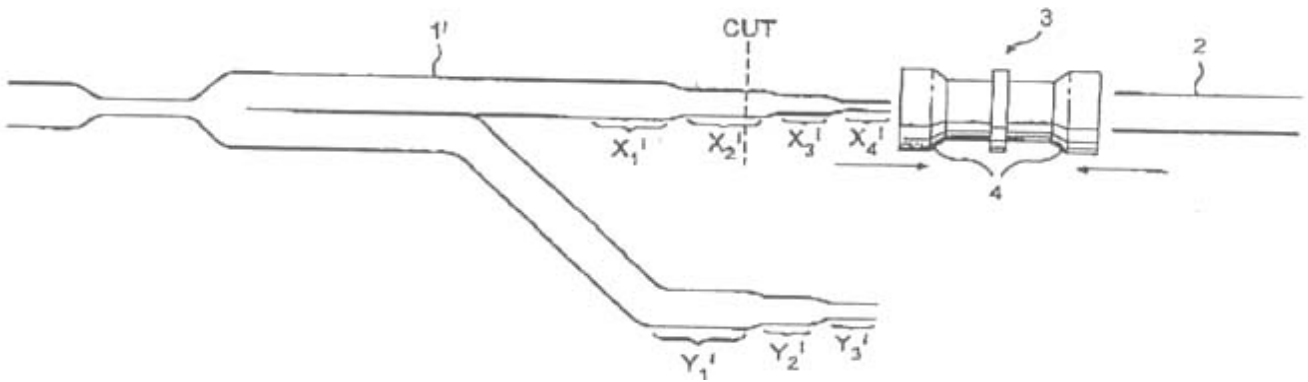
(72)**Name of Inventor :**
1)SHIPMAN JON

No of Pages : 9

No of Claims : 5

(57) Abstract :

A kit of parts comprises a tubing component (I') having at least two in-line sections with different external diameters and a set of connection means (3), each connection means having dimensions such that it may be joined to the tubing component at a respective section (X).



(54) Title of the invention : CONDUIT FOR CONVEYING MEDIA

(51) International classification :F16L 9/147
 (31) Priority Document No :10 2004 032 028.4
 (32) Priority Date :02/07/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2005/001152
 Filing Date :30/06/2005
 (87) International Publication No :WO/2006/005297
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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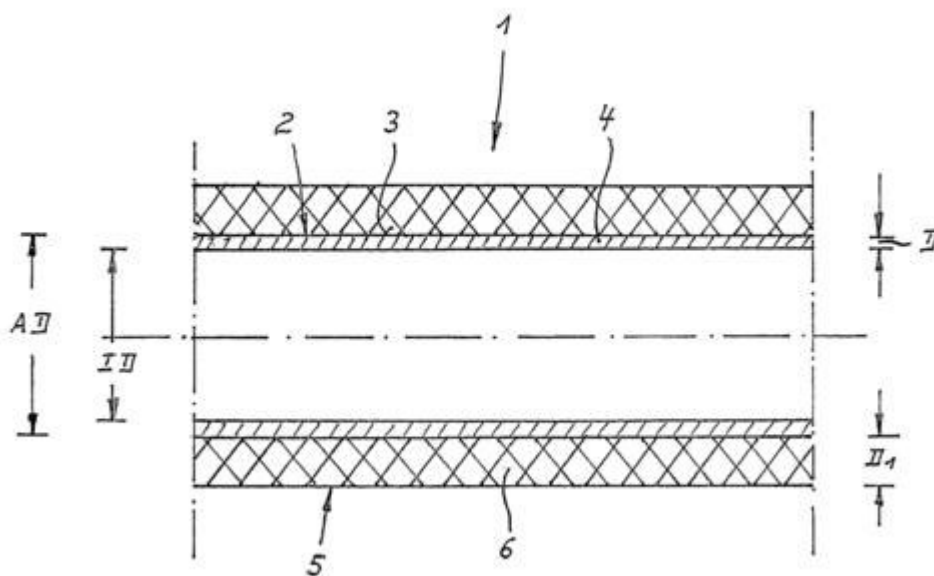
1)MELCHER WALTER**2)REITER ULRICH****3)GEYER CHRISTOPH****4)TRIQUET CHRISTIAN****5)KONCZALLA MATTHIAS**

No of Pages : 7

No of Claims : 10

(57) Abstract :

Disclosed is a conduit (1) for conveying media, comprising a core pipe (2) made of a copper alloy and a jacket (5) made of a plastic from the group encompassing polyolefins with functional groups. The ratio between the thickness (D1)of the jacket(5)wall (6)and the thickness of the core pipe(2)wall(4)ranges between 2:1 and 14:1 while the ratio between the thickness (D)of the core pipe (2)wall (4)and the inner diameter (ID)thereof ranges between .01 and .05.



(54) Title of the invention : DRAWING METHOD FOR BARE OPTICAL FIBER, MANUFACTURING METHOD FOR OPTICAL FIBER, AND OPTICAL FIBER

(51) International classification :C03B 37/025

(31) Priority Document No :2003-387746

(32) Priority Date :18/11/2003

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2004/017066

Filing Date :17/11/2004

(87) International Publication No :WO/2005/049516

(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)HIRAFUNE, SHUNICHIROU

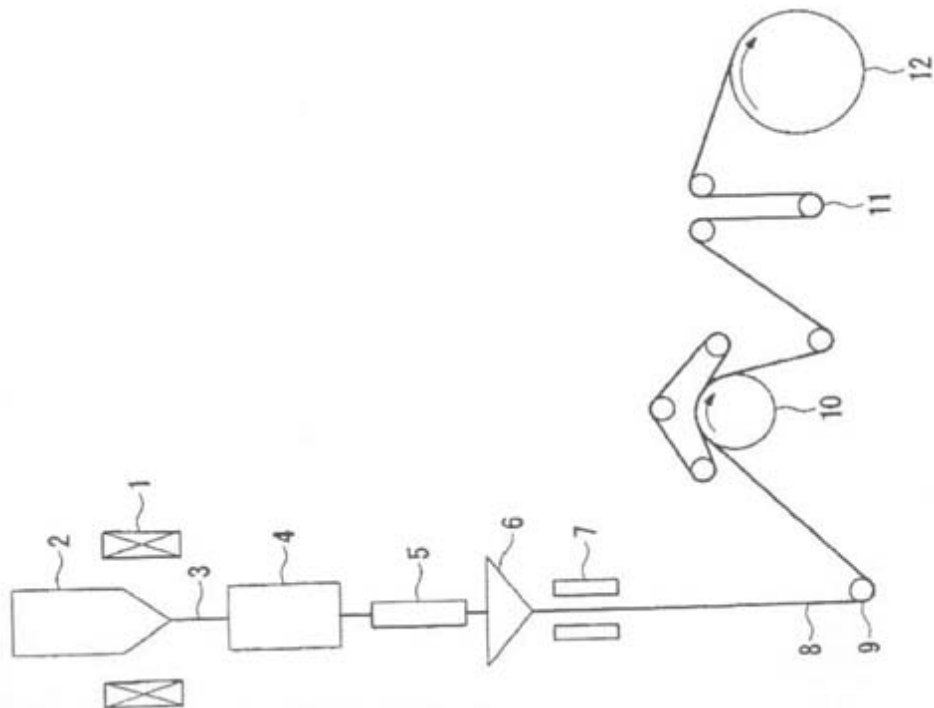
4)FUJIMAKI, MUNEHISA

No of Pages : 37

No of Claims : 8

(57) Abstract :

A method of drawing a bare optical fiber, comprising the step of melting an optical fiber parent material by heating means and drawing a bare optical fiber and the step of after the heat melting step, subjecting the bare optical fiber to natural cooling or forced cooling with cooling means, wherein in the heat melting step, the temperature history during drawing of the optical fiber parent material into the bare optical fiber with the use of the heating means satisfies the relationship of the formula $T \leq -0.01X + 12$ wherein T represents the time (min) during which the portion of optical fiber parent material thermally molten by the heating means reaches 1800 DEG C or higher and wherein X represents the concentration (wtppm) of OH groups in a clad layer of the optical fiber parent material.



(54) Title of the invention : METHOD AND APPARATUS FOR ENROLLMENT AND AUTHENTICATION OF BIOMETRIC IMAGES

(51) International classification :G06T
 (31) Priority Document No :60/529,804
 (32) Priority Date :16/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041759
 Filing Date :14/12/2004
 (87) International Publication No :WO 2005/059824
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

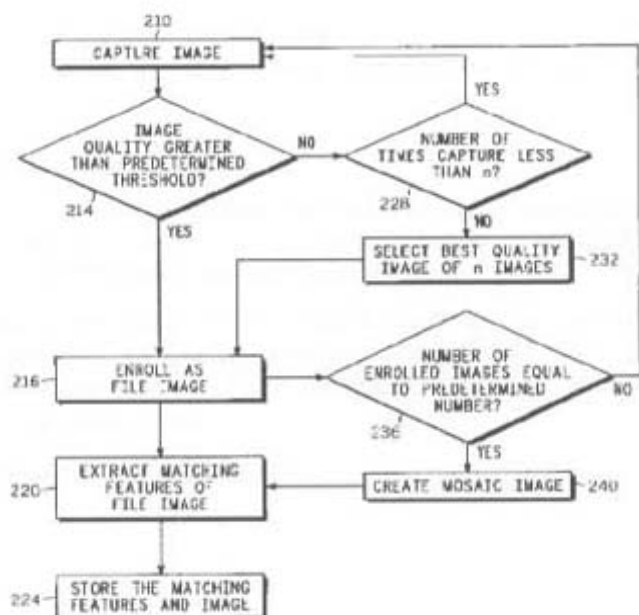
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)LO, PETER Z.
2)BAVARIAN, BEHNAM

No of Pages : 28

No of Claims : 10

(57) Abstract :

A method for enrolling biometric images including the steps of: a) capturing (310) a plurality of images for a user into a capture folder; b) selecting (318) one of the plurality of images in the capture folder and removing the selected image from the capture folder to an enroll folder; c) comparing (322) the selected image to each of the remaining images in the capture folder to generate a corresponding similarity score for each of the remaining images; d) determining (326) whether any of the corresponding similarity scores are at least equal to a predetermined score threshold, and removing each image having a corresponding similarity score at least equal to the predetermined score threshold from the capture folder to a delete folder (330); and e) determining (334) whether there is at least one image in the capture folder and if so repeating steps b) through d).



(54) Title of the invention : USE OF PARASITIC BIOLOGICAL AGENTS FOR DISEASES PREVENTION AND CONTROL

(51) International classification :A61K 35/56
 (31) Priority Document No :10/715,659
 (32) Priority Date :17/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/035164
 Filing Date :22/10/2004
 (87) International Publication No :WO 2005/052115
 (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 IOWA RESEARCH FOUNDATION

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IOWA CITY, IA 52242-5000 U.S.A.

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1)WEINSTOCK, JOEL V.

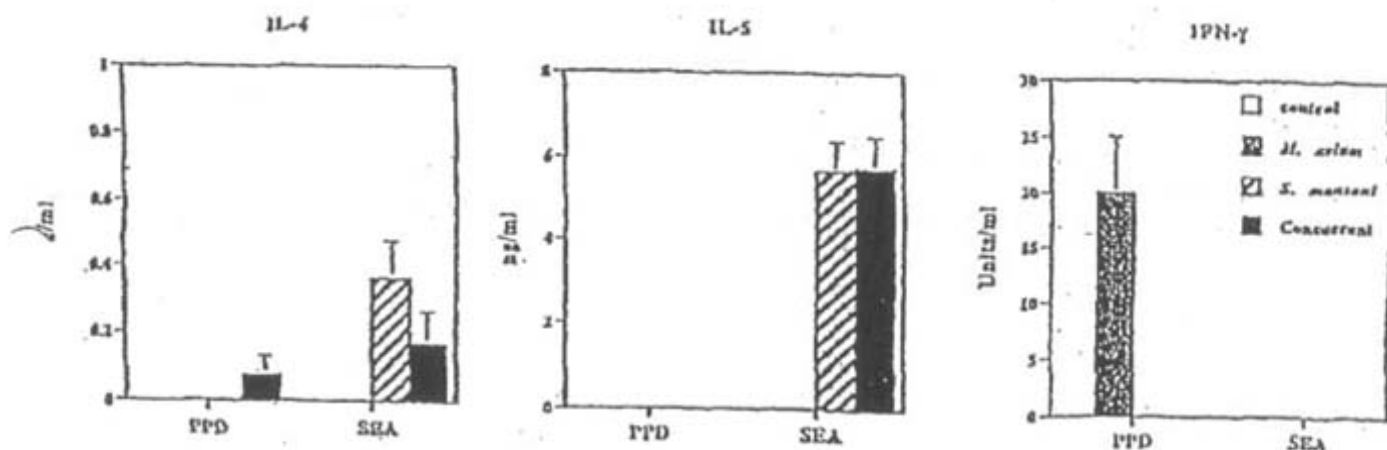
2)ELLIOTT, DAVID E.

No of Pages : 89

No of Claims : 16

(57) Abstract :

The invention relates to a method of screening a heminthic parasite preparation that affects a regulatory T cell function and a method of treating a disease by altering a regulatory T cell activity through the administration of a parasite preparation.



Concentration of IFN γ , IL-4 and IL-5 in spleen cell supernatants of mice infected with *M. avium*, *S. mansoni* or both organisms. Splenocytes (4×10^5 /well) were cultured *in vitro* for 48h at 37°C in 200 μ l medium in the presence or absence of optimal concentrations of PPD or soluble schistosome egg antigen (SEA). Cytokine secretion was quantified by ELISA.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1357/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOVEL COMPOUNDS

(51) International classification :A61K31/04,
A61K31/10
(31) Priority Document No :0324551.1
(32) Priority Date :21/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB04/004464
Filing Date :21/10/2004
(87) International Publication No :WO/2005/042464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

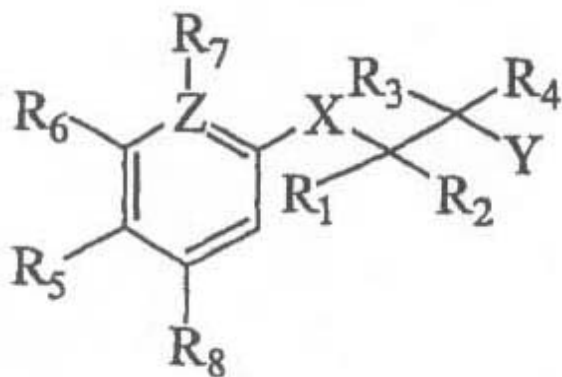
(71)Name of Applicant :
1)KARO BIO AB
Address of Applicant :NOVUM SE-141 57 HUDDINGE Sweden
(72)Name of Inventor :
1)JERNSTEDT, Henrik
2)GARG, Neeraj
3)GUSTAVSSON, Annika
4)GILLNER, Mikael
5)GARCIA COLLAZO, Ana Maria
6)KOCH, Eva

No of Pages : 83

No of Claims : 13

(57) Abstract :

This invention relates to novel compounds which are androgen receptor ligands, to methods of preparing such compounds and to methods for using such compounds such as for androgen hormone replacement therapy and for diseases modulated by the androgen receptor such as benign prostatic hyperplasia, prostate cancer, alopecia, hirsutism, bone loss, bone fractures, osteoporosis, cachexia, and muscle wasting.



(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PHARMACEUTICAL ACCEPTABLE SALTS OF QUINOLINONE COMPOUNDS HAVING IMPROVED PHARMACEUTICAL PROPERTIES

(51) International classification :A61K31/4375
(31) Priority Document No :60/517,915
(32) Priority Date :07/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/036941
Filing Date :05/11/2004
(87) International Publication No :WO/2005/046589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHAU, Joyce

3)HARWOOD, Eric

4)MACHAJEWSKI, Timothy D.

5)RYCKMAN, David

6)SHANG, Xiao

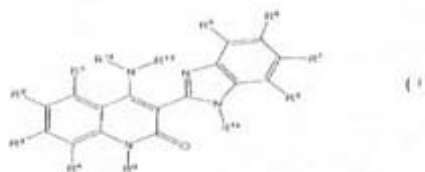
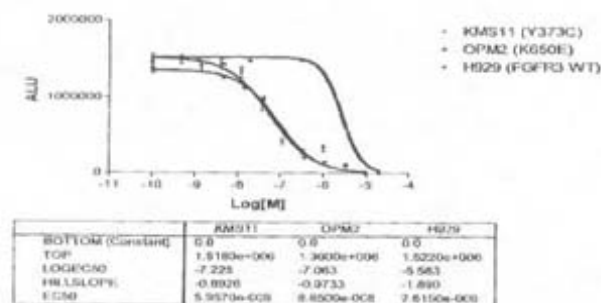
7)ZHU, Shuguang

No of Pages : 198

No of Claims : 43

(57) Abstract :

A lactate salt of a compound of Formula: (1) or a tautomer of the compound, wherein Formula (1) has the following structure and R-R and R-R are as defined herein.



(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING DATA BY SELECTED EIGENVECTOR IN CLOSED LOOP MIMO MOBILE COMMUNICATION SYSTEM

(51) International classification :H04L 1/06
(31) Priority Document No :10-2003-0087896
(32) Priority Date :05/12/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003190
Filing Date :06/12/2004
(87) International Publication No :WO 2005/055465
(61) Patent of Addition 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)SEOK HYUN YOON

5)DONG-SEEK PARK

6)CHANG HO SUH

7)JAE YOEL KIM

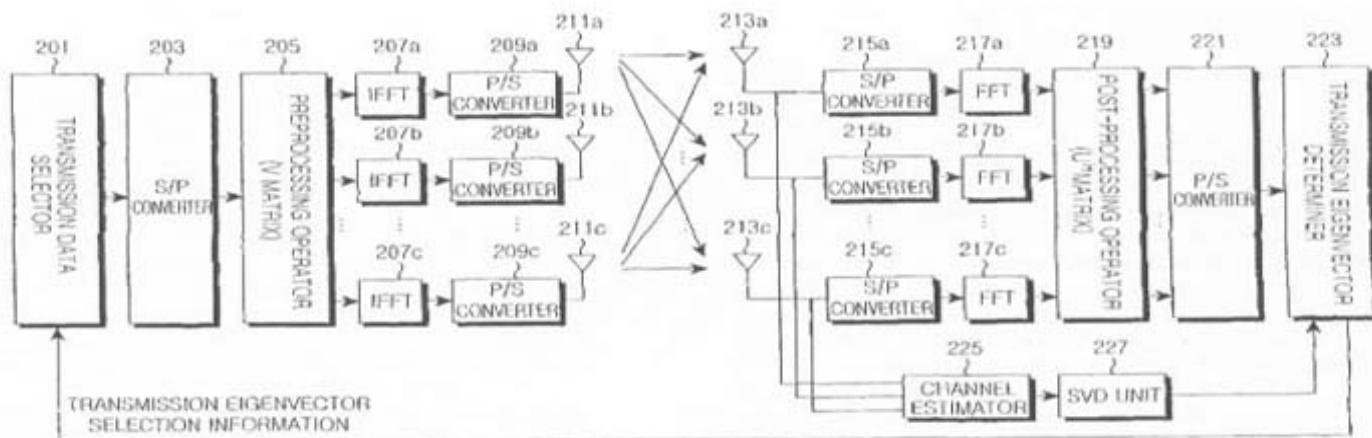
8)YOUNG-KWON CHO

No of Pages : 34

No of Claims : 47

(57) Abstract :

Disclosed is a method for transmitting/receiving data by use of feedback information in a closed loop multi input multi output (MIMO) mobile communication system. The method includes the steps of feeding back transmission eigenvector selection information determined through a singular value decomposition (SVD) of a channel matrix and transmitting the transmission eigenvector selection information to a transmitter; and receiving the feedback transmission eigenvector selection information, selecting transmission data according to the received transmission eigenvector selection information, mapping the selected transmission data to at least one transmission antenna, and transmitting the transmission data to a receiver.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1360/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMPOSITION AND METHOD FOR ENHANCING BIOAVAILABILITY

(51) International classification :A61K 9/16

(31) Priority Document No :60/523,421

(32) Priority Date :19/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/037927

Filing Date :12/11/2004

(87) International Publication No :WO 2005/051358

(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)LIANG C. DONG

2)CRYSTAL POLLOCK-DOVE

3)JASMINE HAN

No of Pages : 32

No of Claims : 25

(57) Abstract :

The present invention relates to compositions and methods for enhancing the bioavailability of beneficial agents with low water solubility.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1361/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTIPLE GLAZING ELEMENT WITH SOUND AND HEAT INSULATION PROPERTIES

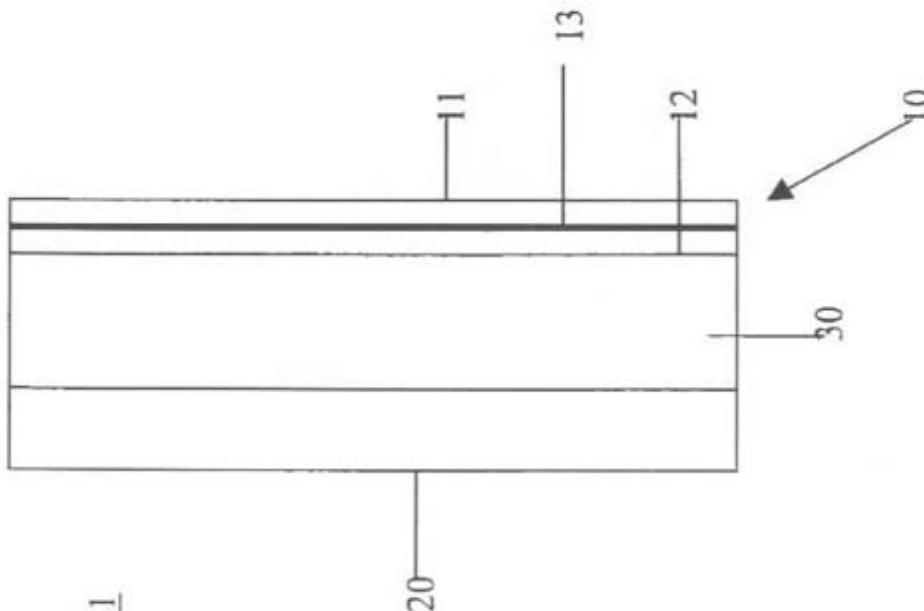
(51) International classification	:E06B 3/67	(71)Name of Applicant :
(31) Priority Document No	:0400154	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:09/01/2004	Address of Applicant :LES MIROIRS, 18 AVENUE D'ALSACE, F-
(33) Name of priority country	:France	92400 COURBEVOIE France
(86) International Application No	:PCT/FR2004/003229	(72)Name of Inventor :
Filing Date	:15/12/2004	1)REHFELD, MARC
(87) International Publication No	:WO 2005/075784	
(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 : 14

(57) Abstract :

A multiple glazing element(1) comprising at least one pane laminated glass (10) consisting of two glass sheets (11, 12)which each have a thickness lying between 1.5 and 2.5 mm, and a single thickness glass pane (20)which has a thickness lying between 3 and 5 mm, the weight of the glazing element being at least 30% less then the weight of an insulating glazing element that comprises at least two single thickness glass sheets separated by a layer of gas having the same thickness as that of the multiple glazing element (1), with a difference of sound reduction index between the multiple glazing element and the insulating glazing element not exceeding 3 dB. Fig.1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1362/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTI-USER STREAMING

(51) International classification :H04L 12/18
(31) Priority Document No :PCT/EP2003/011720
(32) Priority Date :23/10/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2003/011720
Filing Date :23/10/2003
(87) International Publication No :WO2005041479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

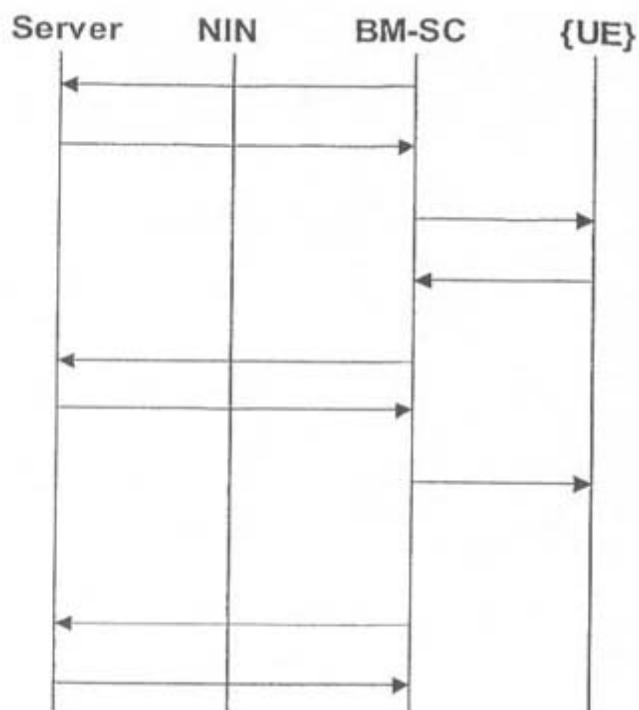
(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
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(72)**Name of Inventor :**
1)KELLER, Ralf
2)LOHMAR, Thorsten
3)HUNDSCHIEDT, Frank

No of Pages : 28

No of Claims : 16

(57) Abstract :

The invention provides a solution for performing multicast for streaming transmission in a telecommunication system. An intermediate node is proposed which is able to connect the functionality of a broadcast/multicast server and of a streaming node. Further the intermediate node is responsible for the establishment of a bearer for multicast transmission. The establishment of a session is done by means of a translation the on-demand single-use signalling into multi-user push signalling. Furthermore an adaptation of the streaming flow for a whole multicast group or for individual subgroups of a multicast group is performed.



RTSP: Describe

RTSP: 200 OK (SDP-info)

SIP: INVITE

SIP: 200 OK

RTSP: SETUP ... possibly modified

RTSP: 200 OK

SIP: ACK ... possibly modified

RTSP: PLAY ... possibly modified

RTSP: 200 OK

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1363/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR BUILDING SUPPORT PIERS FROM ONE OR SUCCESSIVE LIFTS FORMED IN A SOIL MATRIX

(51) International classification :E02D 5/44
(31) Priority Document No :60/513,755
(32) Priority Date :23/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033465
Filing Date :12/10/2004
(87) International Publication No :WO 2005/042853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

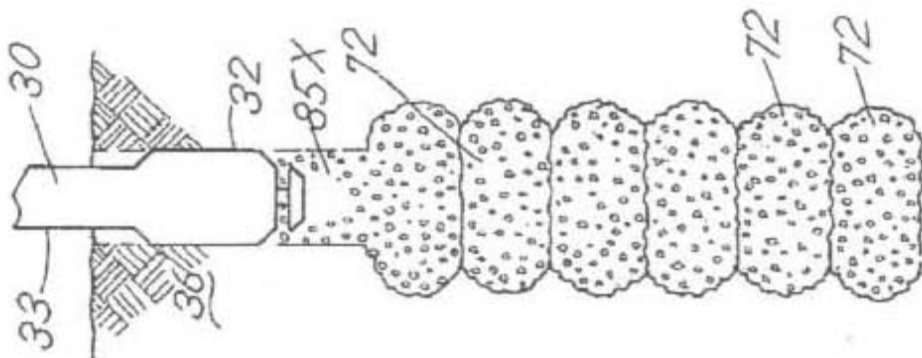
(71)Name of Applicant :
1)GEOTECHNICAL REINFORCEMENT, INC.
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(72)Name of Inventor :
1)FOX, Nathaniel, S

No of Pages : 43

No of Claims : 59

(57) Abstract :

An apparatus and method for forming a support pier having a single or multiple compacted aggregate lifts in a soil matrix, wherein the apparatus includes a vertical, hollow tube with a bulbous leading end or head element that is forced into the soil matrix. The hollow tube includes a mechanism for releasing aggregate from the lower head element of the tube as the tube is lifted incrementally. The same hollow tube is then utilized to compact the released aggregate. The process may be repeated to form a series of compacted lifts comprising a pier.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SEARCH CART FOR SEARCH RESULTS

(51) International classification :G06F 17/00	(71) Name of Applicant :
(31) Priority Document No :10/719,483	1)AMERICA ONLINE, INC.
(32) Priority Date :21/11/2003	Address of Applicant :22000, AOL WAY, DULLES, VA 20166
(33) Name of priority country :U.S.A.	U.S.A.
(86) International Application No :PCT/US2004/038740	(72) Name of Inventor :
Filing Date :17/11/2004	1)JAMES, TAYLOR
(87) International Publication No :WO/2005/052740	2)CAMPBELL, GERRY
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

No of Pages : 17

No of Claims : 28

(57) Abstract :

The invention provides a search cart into which search results may be placed and with which search results may be used. For example, a user can select a result from among a listing of search results without having to click through to the result. Thus, results may be saved from within a search results page. The search cart is superficially similar to a shopping cart in that the user is able to go through a list of search results and select those results that the user would like to place in the cart. Once the user has gone through the initial search, the user can then go to the cart and search through the results in the cart.

(54) Title of the invention : ELECTROCHEMICAL DEVICE COMPRISING ALIPHATIC NITRILE COMPOUND

(51) International classification :H01M 2/16
 (31) Priority Document No :10-2004-002959
 (32) Priority Date :15/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000145
 Filing Date :14/01/2005
 (87) International Publication No :WO 2005/069423
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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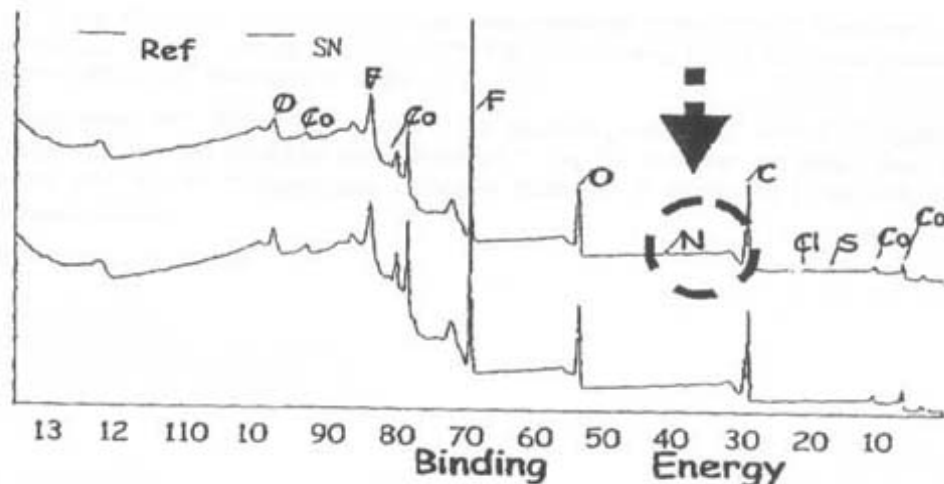
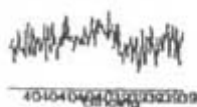
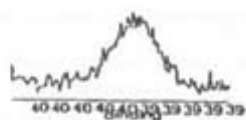
No of Pages : 41

No of Claims : 12

(57) Abstract :

The present invention provides a cathode having a complex between the surface of a cathode active material and an aliphatic nitrile compound, as Well as an electrochemical device comprising the cathode. Also, the comprising : (1) a cathode having a complex between the surface of cathode active material and an aliphatic nitrile compound ; (2) an anode having a passivation layer formed by a compound selected from the group consisting of vinylene carbonate, its derivative and an ether compound ; and (3) an electrolyte solution containing a lithium salt and a solvent.

Narrow scan (N1s)



(54) Title of the invention : MOBILE STATION REGISTRATION IN A CELLULAR COMMUNICATION SYSTEM

(51) International classification :H04L 12/56
 (31) Priority Document No :10/721,668
 (32) Priority Date :25/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038960
 Filing Date :22/11/2004
 (87) International Publication No :WO 2005/053256
 (61) Patent of Addition 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 :

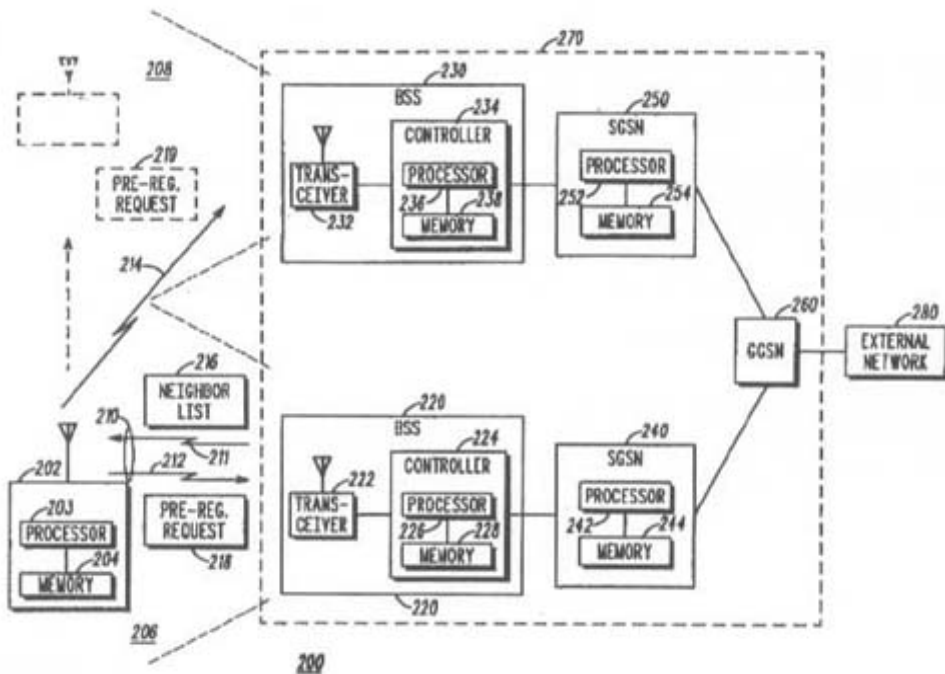
1)SPEAR, STEPHEN L.**2)PECEN, MARK E.****3)SMOLINSKE, JEFFERY C.****4)WILLIS, LAWRENCE A.**

No of Pages : 32

No of Claims : 20

(57) Abstract :

A communication system (200) provides for a mobile station (MS) (202) to pre-register with a Serving GPRS Support Node (SGSN) (250) servicing a neighboring Routing Area (RA) (208) that is a handoff candidate. In pre-registering with the neighboring RA and SGSN, the MS at least partially registers with the RA and SGSN, that is, at least a portion of the MS's registration information is conveyed to the neighboring SGSN serving the neighboring RA, prior to the MS being served by an associated neighboring BSS (230), for example, prior to an initiation of a handoff of the MS to the neighboring BSS. By pre-registering with the candidate SGSN, a duration of a registration process and the corresponding service disruptions when the MS is handed off to such an SGSN are reduced.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1367/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : C-CLASS OLIGONUCLEOTIDE ANALOGS WITH ENHANCED IMMUNOSTIMULATORY POTENCY

(51) International classification	:C12N 15/11	(71)Name of Applicant :
(31) Priority Document No	:60/516,193	1)COLEY PHARMACEUTICAL GMBH
(32) Priority Date	:30/10/2003	Address of Applicant :ELISABETH-SELBERT-STRASSE 9, 40764
(33) Name of priority country	:U.S.A.	LANGENFELD Germany
(86) International Application No	:PCT/US2004/036240	2)COLEY PHARMACEUTICAL GROUP, INC.
Filing Date	:29/10/2004	(72)Name of Inventor :
(87) International Publication No	:WO/2005/042018	1)UHLMANN, EUGEN
(61) Patent of Addition to Application Number	:NA	2)VOLLMER, JOERG
Filing Date	:NA	3)KRIEG, ARTHUR M.
(62) Divisional to Application Number	:NA	4)NOLL, BERNHARD, O.
Filing Date	:NA	

No of Pages : 90

No of Claims : 85

(57) Abstract :

The invention relates to a class of CpG immunostimulatory oligonucleotides containing a CpG immunostimulatory motif and a second motif which is capable of forming secondary structure, including duplex and higher order structures, in vitro and in vivo. The oligonucleotides of the invention are useful as adjuvants in vaccination. The oligonucleotides are also useful for inducing an immune response, inducing expression of a type I interferon (IFN), inducing expression of gamma interferon (IFN- γ), and for treating a variety of conditions, including allergy, asthma, infection, and cancer.

(54) Title of the invention : SEPARATOR COATED WITH ELECTROLYTE-MISCIBLE POLYMER AND ELECTROCHEMICAL DEVICE USING THE SAME

(51) International classification :H01M 2/18
 (31) Priority Document No :10-2003-0077406
 (32) Priority Date :03/11/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/002788
 Filing Date :02/11/2004
 (87) International Publication No :WO 2005/043649
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

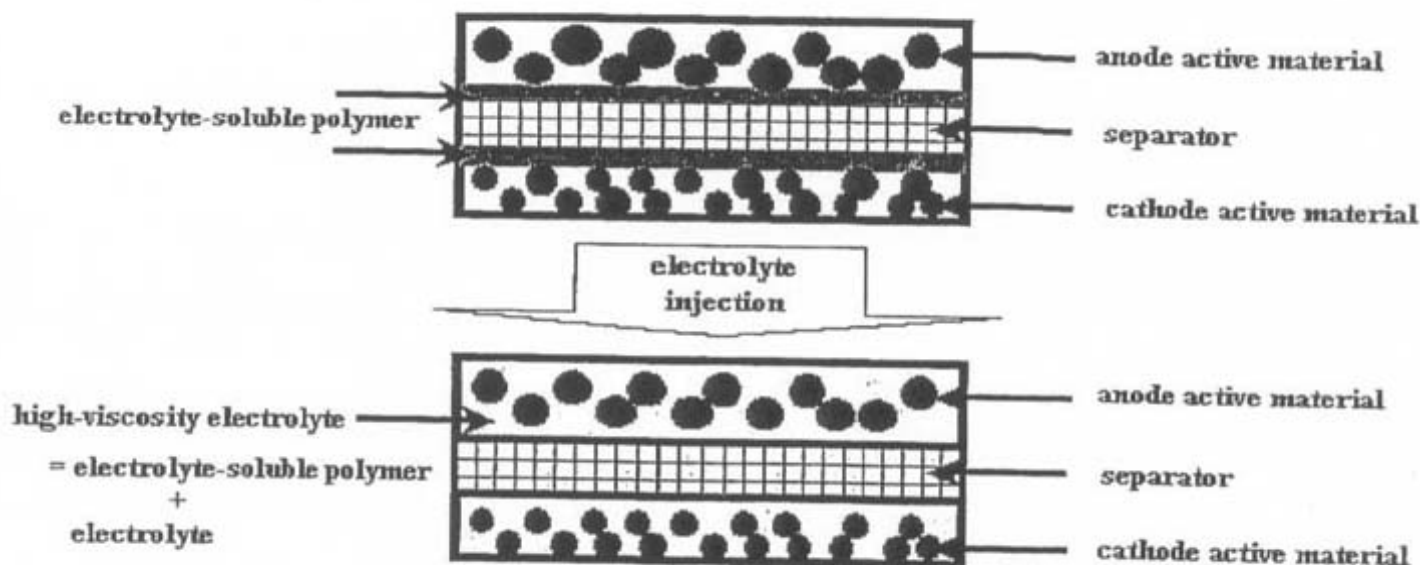
(71)Name of Applicant :
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 Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG,
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2)LEE, SANG-YOUNG
3)KIM, SEOK-KOO
4)AHN, SOON-HO

No of Pages : 31

No of Claims : 16

(57) Abstract :

The present invention provides a separator in which an electrolyte-soluble polymer, which is soluble in liquid electrolyte, is coated on one or both surfaces of the separator, as well as an electrochemical device including the separator. Also, the present invention provides a method for producing an electrochemical device, comprising the steps of: (a) coating an electrolyte-soluble polymer, which is soluble in liquid electrolyte, on one or both surfaces of a separator; (b) interposing the separator produced in the step (a) between a cathode and an anode so as to assemble an electrochemical device; and (c) injecting a liquid electrochemical device produced in the step (b) The electrochemical device, such as a lithium secondary battery, produced by the inventive method, has an improved safety while deterioration in the battery performance is minimized.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1369/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMISSION FOR CONTROL DATA IN A PACKET DATA COMMUNICATION SYSTEM

(51) International classification :H04L 12/42

(31) Priority Document No :10/721,542

(32) Priority Date :25/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/037901

Filing Date :12/11/2004

(87) International Publication No :WO/2005/055532

(61) Patent of Addition 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)SPEAR, STEPHEN L.

2)PECEN, MARK E.

3)GUPTA, SANJAY

No of Pages : 29

No of Claims : 22

(57) Abstract :

A communication system (200) comprising a mobile station (202) and a network (252) implements a persistent packet data control channel (302) that provides for a continuous exchange of control information, such as system information (SI) messages and handoff-related information. The mobile station implements the persistent packet data control channel by mapping the persistent packet data control channel to a packet associated control channel (308) when a packet associated control channel is available and to a virtual associated control channel (310) when a packet associated control channel is not available. The virtual associated control channel allows the mobile station to pass control information to network in the absence of an uplink Temporary Block Flow (TBF).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1370/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ARTHROPOD REPELLENT PHARMACOPHORE MODELS, COMPOUNDS IDENTIFIED AS FITTING THE PHARMACOPHORE MODELS, AND METHODS OF MAKING AND USING THEREOF

(51) International classification	:A01N 35/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2003/035424	1)UNITED STATES ARMY MEDICAL RESEARCH AND
(32) Priority Date	:06/11/2003	METERIAL COMMAND
(33) Name of priority country	:U.S.A.	Address of Applicant :504 SCOTT STREET, FORT DETRICK, MD
(86) International Application No	:PCT/US2003/035424	21702-5012 U.S.A.
Filing Date	:06/11/2003	(72)Name of Inventor :
(87) International Publication No	:WO 2005/046329	1)GUPTA RAJ K
(61) Patent of Addition to Application Number	:NA	2)BHATTACHARJEE APURBA K
Filing Date	:NA	3)LEE DONNA MA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 30

(57) Abstract :

Disclosed herein is a pharmacophore model for arthropod repellent activity and methods of making and using thereof. The pharmacophore comprises two hydrophobic aliphatic functions, one aromatic function and one hydrogen bond acceptor function. The pharmacophore model was made using a test set of arthropod repellent compounds. Also disclosed are arthropod repellent compounds identified by screening databases with the pharmacophore model. Also disclosed are methods of repelling arthropods from a surface or area. Compositions and formulations comprising the compounds of the present invention as well as objects having the compounds of the present invention are disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1371/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ALLOGENEIC TUMOR THERAPEUTIC AGENT

(51) International classification	:A61K 39/00	(71) Name of Applicant :
(31) Priority Document No	:PCT/DE03/04299	1)MOLOGEN AG
(32) Priority Date	:30/12/2003	Address of Applicant :FABECKSTRASSE 30, 14195 BERLIN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2004/000859	(72) Name of Inventor :
Filing Date	:20/04/2004	1)DOBRIC TOMISLAV
(87) International Publication No	:WO 2005/063280	2)WITTING BURGHARDT
(61) Patent of Addition to Application Number	:NA	3)SCHMIDT MANUEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 25

(57) Abstract :

The invention concerns a vaccine on the basis of allogeneic tumour cells and is used for the therapeutic treatment of tumor diseases. Also disclosed are a method for producing such a vaccine furthermore transfected human tumor cells used as a vaccine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1372/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : FUNCTIONAL POLYMER FILM-COATED ELECTRODE AND ELECTROCHEMICAL DEVICE USING THE SAME

(51) International classification	:H01M 4/02	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0077957	1)LG CHEM, LTD.
(32) Priority Date	:05/11/2003	Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG,
(33) Name of priority country	:Republic of Korea	YOUNGDUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2004/002821	(72)Name of Inventor :
Filing Date	:04/11/2004	1)YONG, HYUN-HANG
(87) International Publication No	:WO 2005/045957	2)LEE, SANG-YOUNG
(61) Patent of Addition to Application Number	:NA	3)KIM, SEOK-KOO
Filing Date	:NA	4)AHN, SOON-HO
(62) Divisional to Application Number	:NA	5)OH, BYUNG-HOON
Filing Date	:NA	

No of Pages : 41

No of Claims : 18

(57) Abstract :

The present invention provides an electrode in which an electrode active material particles as being interconnected are applied on current collector, wherein the interconnected surface of electrode active material particles is coated with a polymer, the polymer being present as an independent phase, while maintaining a pore structure formed among the interconnected electrode active material particles as well as an electrochemical device including the electrode. Also, the present invention provides a method for manufacturing an electrode coated with a polymer present on an interconnected surface of electrode active material as an independent phase, while maintaining a pore structure formed among the electrode active material particles, which comprises the steps of: (a) coating slurry for an electrode including an electrode active material on a current collector and drying it to form an electrode; and (b) dipping the electrode obtained from a step (a) into a solution containing the polymer dissolved therein and a method for manufacturing an electrochemical device comprising the electrode obtained by the above method. The electrode coated with a polymer as an independent phase provides an electrochemical device with improved safety and prevents degradation of performance of an electrochemical device.

(54) Title of the invention : RIGGING SYSTEM FOR FORMWORK, SCAFFOLDING OR MOVING LOADS IN GENERAL

(51) International classification :E04G 11/28
 (31) Priority Document No :PCT/ES2003/000605
 (32) Priority Date :27/11/2003
 (33) Name of priority country :Spain
 (86) International Application No :PCT/ES2003/000605
 Filing Date :27/11/2003
 (87) International Publication No :WO 2005/054604
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

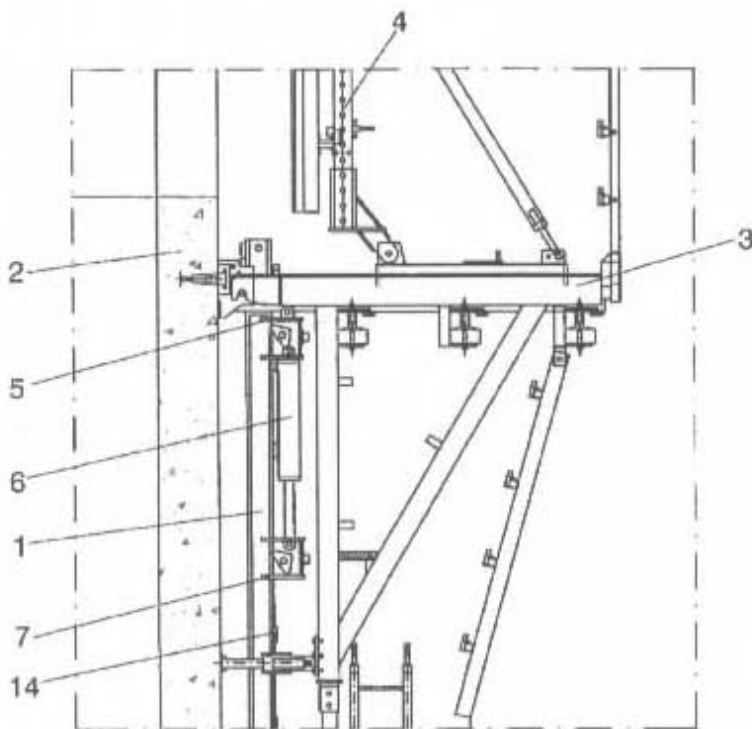
(71)**Name of Applicant :**
1)ULMA C Y E, S. COOP
 Address of Applicant :PASEO OTADUI, 3, 20560 ONATE
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1)AROZENA BERGARETXE ALBERTO
2)IRIZAR MOYUA INAKI

No of Pages : 47

No of Claims : 5

(57) Abstract :

The climbing system comprising an upper head (5) attached to the bracket arrangement (3) and also solidly joined to the body of a hydraulic cylinder (6) the rod whereof is attached to a lower head (7), both heads (5) and (7) having a body (8) with upper (9) and lower (10) wings defining there between guides that encircle the upright(1), each of the heads having a rocker (11) that can act on flanges or blocks (14) distributed along the upright (1). The rocker is mounted to a transversal axis (12), against the action of a spring (13) that permanently acts on the rocker in any of its operating positions, and there is an outer handle(19) solidly joined to the transversal axis (12), which can make said axis (12) rotate to change the position of the rocker in relation to the upright (1). The system also has a safety device that makes it possible to limit the positions of the rocker.



(54) Title of the invention : APPARATUS AND METHOD FOR ESTIMATING STATE OF CHARGE OF BATTERY USING NEURAL NETWORK

(51) International classification :G01R 31/36
 (31) Priority Document No :10-2003-0092880
 (32) Priority Date :18/12/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/003332
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/059579
 (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)LG CHEM, LTD.

Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL 150-721 Republic of Korea

(72)Name of Inventor :

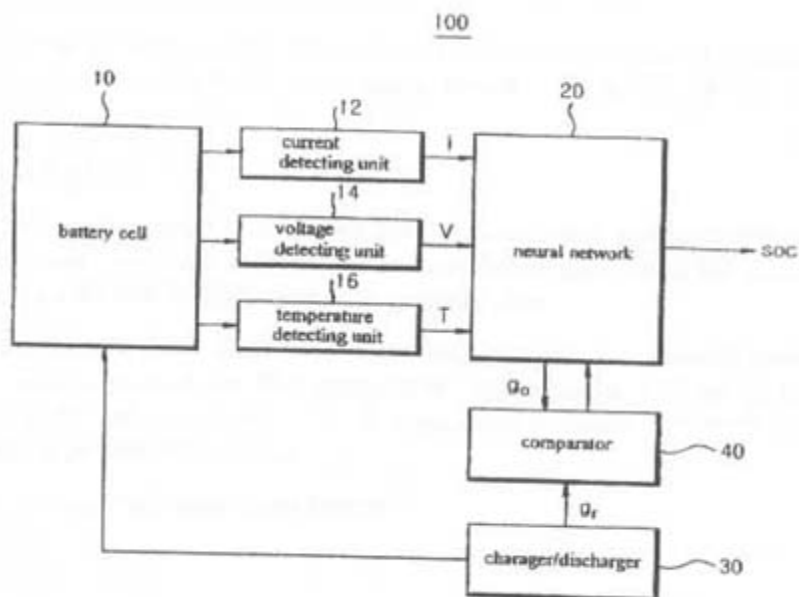
1)IL, CHO

No of Pages : 20

No of Claims : 14

(57) Abstract :

Disclosed are an apparatus and a method for estimating a state of charge of a battery representing a non-linear characteristic by using a neural network. The apparatus includes a sensing section for detecting current, voltage and a temperature from a battery cell, a neural network performing a neural network algorithm and a learning algorithm based on data of the current, voltage and temperature transmitted thereto from the sensing section and present time data, thereby outputting the SOC of the battery estimated through a final learning algorithm, and a comparator for comparing an output value of the neural network with a predetermined target value and making the neural network iteratively perform the learning algorithm if a difference between the output value of the neural network and the predetermined target value is out of a predetermined limit, thereby update the learning algorithm to generate the final learning algorithm. The state of charge of the battery is precisely estimated through the neural network algorithm.



(54) Title of the invention : MAGNETIC GEARING OF PERMANENT MAGNET BRUSHLESS MOTORS

(51) International classification :H02K 3/28
 (31) Priority Document No :0324785.5
 (32) Priority Date :24/10/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/004512
 Filing Date :22/10/2004
 (87) International Publication No :WO/2005/043740
 (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)ELECTRONICA PRODUCTS LIMITED

Address of Applicant :CARDIFF BUSINESS TECHNOLOGY CENTRE, SENGHENNYDD ROAD, CARDIFF CF 24 4AY, U.K.

(72)Name of Inventor :

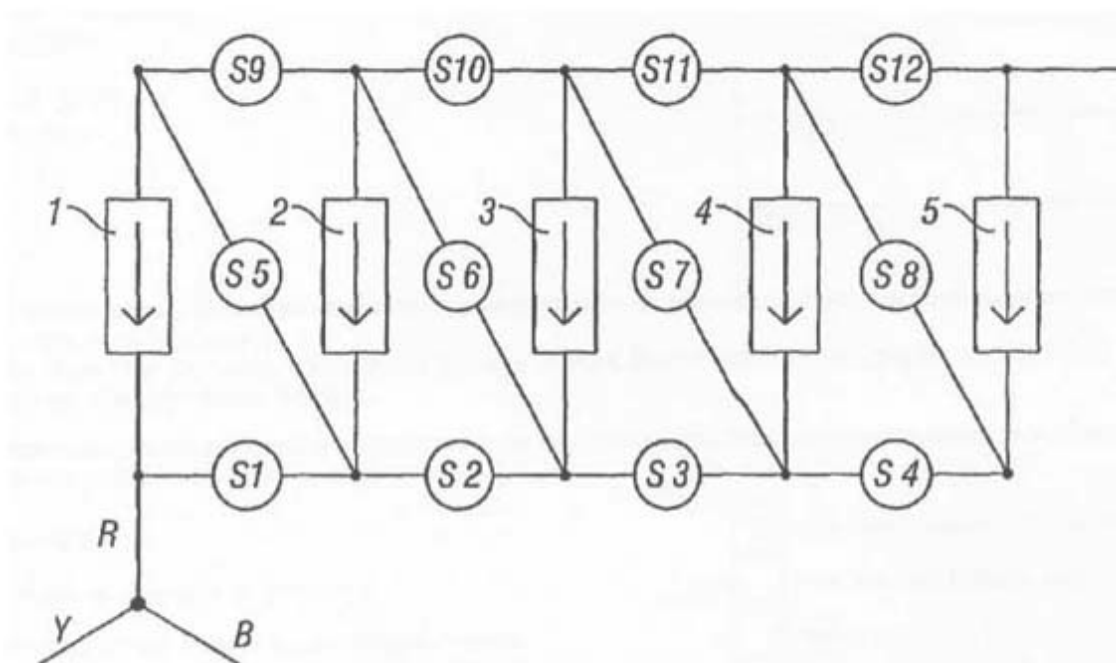
1)SHIRAZEE, Nabeel, Ahmed**2)CHOUDHARY, Praveen**

No of Pages : 23

No of Claims : 17

(57) Abstract :

A permanent magnet brushless 3-phase motor comprises windings R, Y, B, each divided into a plurality of sections 1-5 and switch means S1-S12 for selectively connecting the section of the respective winding e.g. R in series and/or parallel with all other sections of that winding R. Control means are provided for actuating the switch means S1-S12 to connect the winding sections 1-5 in different configurations whilst the motor is running to alter the speed/torque characteristics of the motor.



(54) Title of the invention : SLIDING CLOSING ELEMENT WITH COUPLING

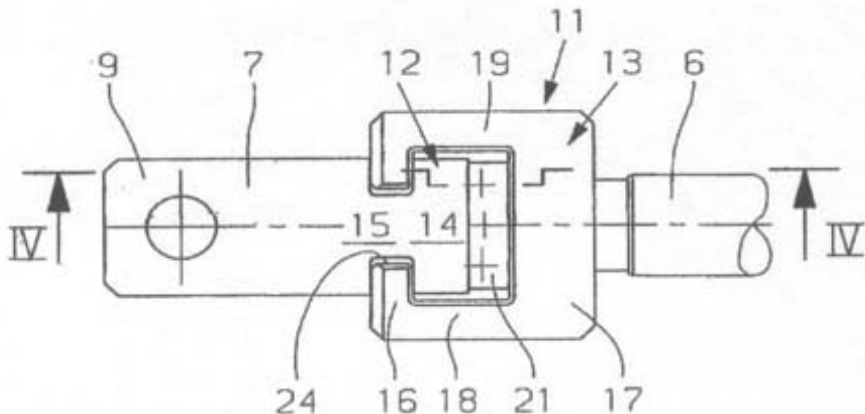
(51) International classification	:B22D41/38; B22D41/22	(71)Name of Applicant :
(31) Priority Document No	:01863/03	1)STOPINC AKTIENGESELLSCHAFT
(32) Priority Date	:31/10/2003	Address of Applicant :Bosch 83a, CH-6331 Hunenberg Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/011935	1)KELLER, Werner
Filing Date	:22/10/2004	2)LUCHS, Willi
(87) International Publication No	:WO/2005/042190	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 10

(57) Abstract :

The invention relates to a sliding closing element, especially for an intermediate distributor or similar metallurgical containers. According to the invention, the mobile sliding plate (3) of said closing element can be driven by means of a drive comprising a driving rod (6) and a push rod (7) connected thereto. In order to ensure that the oscillatory movement of the sliding plate (3) does not impair the connection during operation, a coupling (11) arranged as a connecting body between the opposite ends of the push rod (7) and the driving rod (6) is provided with two coupling parts (12, 13) that engage in each other without play.



(54) Title of the invention : A HYGIENIC TAMPON AND AN ABSORBENT BODY USED IN THE FORMATION OF A TAMPON

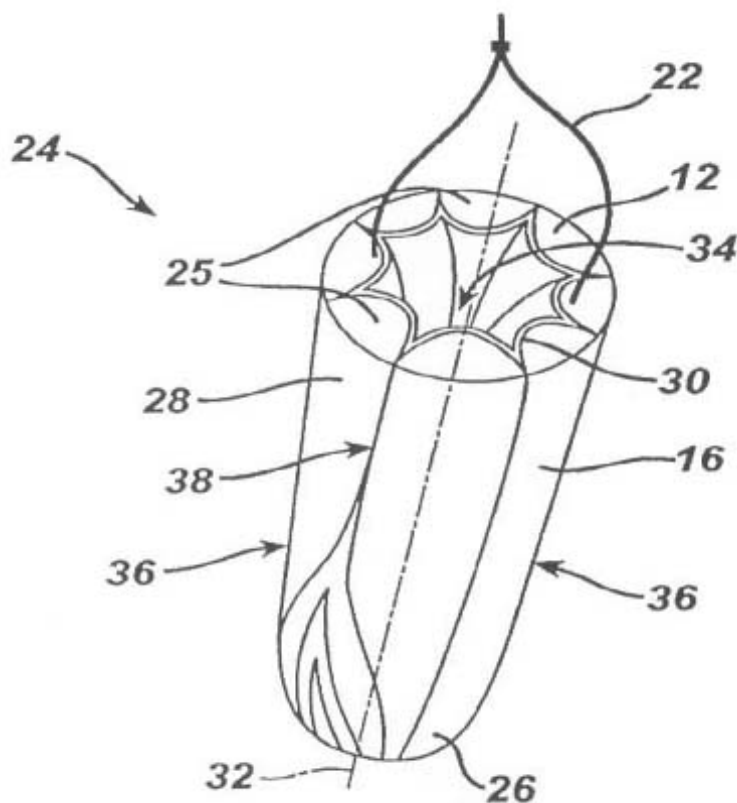
(51) International classification	:A61F13/20; A61F13/20	(71)Name of Applicant :
(31) Priority Document No	:10/700,743	1)J & J CONSUMER COMPANIES, INC
(32) Priority Date	:31/10/2003	Address of Applicant :Randview Road, Skillman, New Jersey 08558
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/BR04/000214	(72)Name of Inventor :
Filing Date	:29/10/2004	1)COSTA, Rogerio
(87) International Publication No	:WO/2005/041833	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 35

(57) Abstract :

A tampon comprised of a matrix is disclosed, wherein the matrix is provided with an inner surface and a structural layer adjacent to the inner surface, the structural layer being constituted of at least one thermosplastic element. An absorbent body, particularly used in the formation of a tampon, is also disclosed.



(54) Title of the invention : REFRACTORY ALLOY AND MINERAL WOOL PRODUCTION METHOD

(51) International classification :C03B37/095;
C22C19/0
(31) Priority Document No :0313890
(32) Priority Date :26/11/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR04/050621
Filing Date :26/11/2004
(87) International Publication No :WO 2005/052208
(61) Patent of Addition 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)SAINT-GOBAIN SEVA

(72)Name of Inventor :

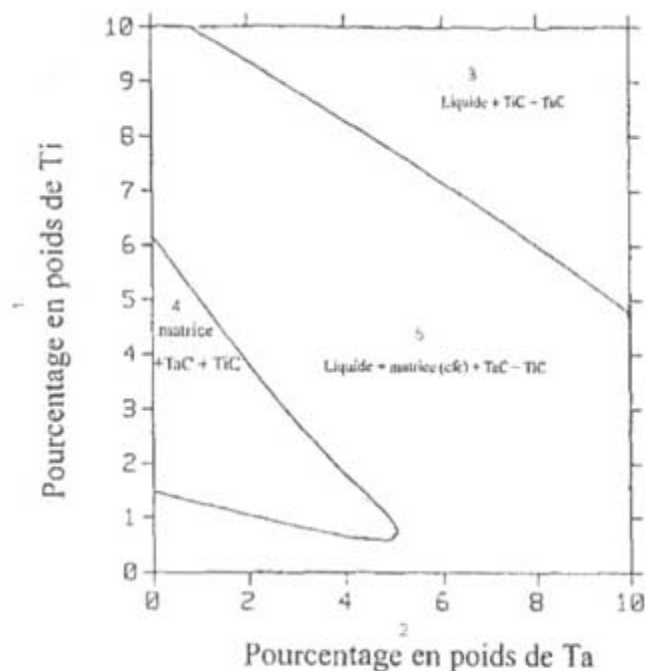
1)BERNARD, Jean-Luc**2)MICHON, Sylvain****3)LIEBAUT, Christophe****4)BERTHOD, Fabrice**

No of Pages : 28

No of Claims : 16

(57) Abstract :

The invention relates to an alloy having high temperature mechanical strength in an oxidising medium and comprising a carbide-precipitation-strengthened matrix containing chromium. The invention is characterised in that the alloy comprises carbides of at least one metal (M) selected from among titanium, zirconium and hafnium, said carbides also optionally containing (M') tantalum. The invention is suitable for articles that require high temperature mechanical strength, such as for hot glass processing or production.



1 WEIGHT PERCENT OF TI
2 WEIGHT PERCENT OF TA
3 LIQUID
4 MATRIX
5 LIQUID + MATRIX

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1379/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ALPHA-KETOAMIDE DERIVATIVE AND PRODUCTION METHOD AND USE THEREOF

(51) International classification :C07C 271/22
(31) Priority Document No :2003-415764
(32) Priority Date :12/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/018692
Filing Date :08/12/2004
(87) International Publication No :WO 2005/056519
(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)SENJU PHARMACEUTICAL CO. LTD.

Address of Applicant :5-8, HIRANOMACHI 2-CHOME, CHUO-KU,
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(72)Name of Inventor :

1)SHIRASAKI, YOSHIHISA

2)MIYASHITA, HIROYUKI

3)NAKAMURA, MASAYUKI

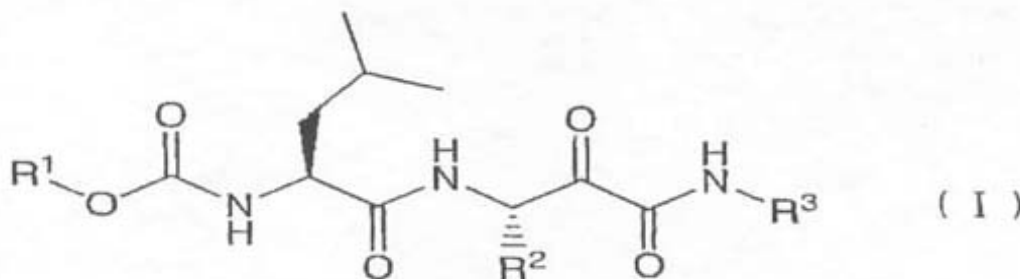
4)INOUE, JUN

No of Pages : 90

No of Claims : 11

(57) Abstract :

The present invention provides a compound represented by the formula (I): (wherein R1 is a lower alkyl substituted by a lower alkoxy or a heterocyclic group, or a heterocyclic group; R2 is a lower alkyl optionally substituted by a phenyl; and R3 is a lower alkyl optionally substituted by a halogen, a lower alkoxy or a phenyl, or a fused polycyclic hydrocarbon group), which is well absorbed orally, exhibits durability of good blood level and has potent calpain inhibitory activity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1380/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TRUST-BASED, FINE-GRAINED RATE LIMITING OF NETWORK REQUESTS

(51) International classification :G06F 17/00

(31) Priority Document No :60/523,427

(32) Priority Date :18/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/038751

Filing Date :17/11/2004

(87) International Publication No :WO 2005/052740

(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)AMERICA ONLINE, INC.

Address of Applicant :22000, AOL WAY, DULLES, VA 20166
U.S.A.

(72)Name of Inventor :

1)TOOMEY, CHRISTOPHER NEWELL

No of Pages : 45

No of Claims : 94

(57) Abstract :

A method and apparatus for fine-grained, trust-based rate limiting request distinguishes trusted network traffic from untrusted network traffic at the granularity of an individual user/machine combination, so that network traffic policing measures are readily implemented against untrusted and potentially hostile traffic without compromising service to trusted users. A server establishes a user/client pair as trusted by issuing a trust token to the client when successfully authenticating to the server for the first time. Subsequently, the client provides the trust token at login. At the server, rate policies apportion bandwidth according to type of traffic; network request the include a valid trust token are granted highest priority. Rate policies further specify bandwidth restrictions imposed for untrusted network traffic. This scheme enables the server to throttle untrusted password-guessing requests from crackers without penalizing most friendly logins and only slightly penalizing the relatively few untrusted friendly logins.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : WEIGHTING PICK-UP

(51) International classification	:G01G 21/24
(31) Priority Document No	:203 19 017.3
(32) Priority Date	:05/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2004/002669
Filing Date	:03/12/2004
(87) International Publication No	:WO 2005/054796
(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)WIPOTEC WIEGE-UND POSITIONIER-SYSTEME GMBH

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(72)Name of Inventor :

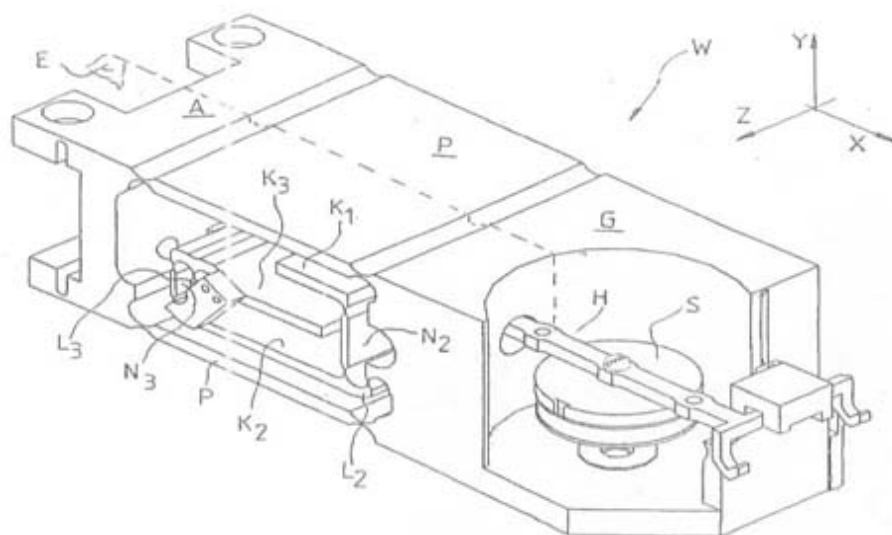
1)HAUCK, TIMO

No of Pages : 17

No of Claims : 14

(57) Abstract :

The invention relates to a weighting pick-up (W) comprising levering interacting force transmitting elements (K1, K2,...Kn) which are at least partly symmetrically arranged with respect to the imaginary midplane (E) of the inventive weighting pick-up.



(54) Title of the invention : HYBRID CEMENTED CARBIDE COMPOSITES

(51) International classification	:C22C 29/08
(31) Priority Document No	:10/735,379
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040285
Filing Date	:02/12/2004
(87) International Publication No	:WO 2005/061746
(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)TDY INDUSTRIES, INC.Address of Applicant :1000 SIX PPG PLACE, PITTSBURGH PA
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(72)Name of Inventor :

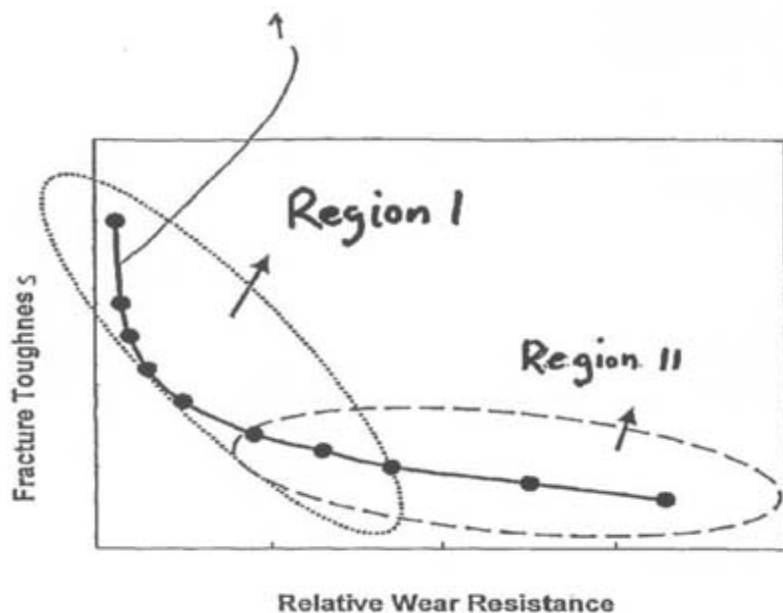
1)MIRCHANDANI, PRAKASH, K

No of Pages : 32

No of Claims : 29

(57) Abstract :

Embodiments of the present invention include hybrid composite materials comprising a cemented carbide dispersed phase and a cemented carbide continuous phase. The contiguity ratio of the dispersed phase of embodiments may be less than or equal to 0.48. The hybrid composite material may have a hardness of the dispersed phase that is greater than the hardness of the continuous phase. For example, in certain embodiments of the hybrid composite material, the hardness of the dispersed phase is greater than or equal to 88 HRA and less than or equal to 95 HRA and the hardness of the continuous phase is greater than or equal to 78 and less than or equal to 91 HRA. Additional embodiments may include hybrid composite materials comprising a first cemented carbide dispersed phase wherein the volume fraction of the dispersed phase is less than 50 volume percent and a second cemented carbide continuous phase, wherein the contiguity ration of the dispersed phase is less than or equal to 1.5 times the volume fraction of the dispersed phase in the composite material. The present invention also includes a method of making a hybrid cemented carbide composite by blending partially and/or fully sintered granules of the dispersed cemented carbide grade with "green" and/or unsintered granules of the continuous cemented carbide grade to provide a blend. The blend may then be consolidated to form a compact. Finally, the compact may be sintered to form a hybrid cemented carbide.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1383/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PHYSICAL PROCESS CAUSING THE EFFECT OF PRESERVING FISH OR MEAT FOOD THROUGHOUT LONG PERIODS OF TIME, TENS OF MONTHS, THEREBY PRESERVING THE PROPERTIES OF A FRESH PRODUCT

(51) International classification	:A23B 4/00
(31) Priority Document No	:2359-2003
(32) Priority Date	:14/11/2003
(33) Name of priority country	:Chile
(86) International Application No	:PCT/BR2004/000223
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/046340
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)FUNDACION SERNA
3)ASESORIAS E INVERSIONES J.V. & A LTDA.
4)CORREA JOSE LUCIO DE ARAUJO
(72)**Name of Inventor :**
1)EDWARDS JUAN IGNACIO VALDES

No of Pages : 15

No of Claims : 5

(57) Abstract :

A physical process causing the effect of preserving fish or meat food throughout long periods of time, tens of months, thereby preserving the properties of a fresh product, such as its color, smell, texture and Taste, while preserving the protein and vitamin contents of the original product, is revealed. In the case of fish, the process consists of the following steps: a) Capturing, eviscerating, cleaning, and washing the fish, all in an hygienic environment; 10 b) Keeping said fish under moderate cold, using ice scales or adequate cold facilities; c)Cutting the fish in agreement with the commercial requirements to be satisfied; d)Subjecting the fish to an initial quick freezing process reaching -5Â°C; e)Packaging the product in special packages, which possess high impermeability to gases and water vapor, being flexible and adaptable while being physically resistant; f)Subjecting the packed product to a "high vacuum" process, wherein "high vacuum" is defined as a 99% vacuum; g)Continuing the quick freezing of the process to reach -18Â°C; h)Keeping the packed product in plastified cardboard boxes on pile-up systems, at low and uniform temperatures around -18Â°C; i)Using the treated product; j)Consuming the treated product by cooking it using normal methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1384/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ELEVATOR SUSPENSION ARRANGEMENT

(51) International classification :B66B11/00

(31) Priority Document No :20031718

(32) Priority Date :24/11/2003

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2004/000704

Filing Date :22/11/2004

(87) International Publication No :WO/2005/049472

(61) Patent of Addition 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)AULANKO ESKO

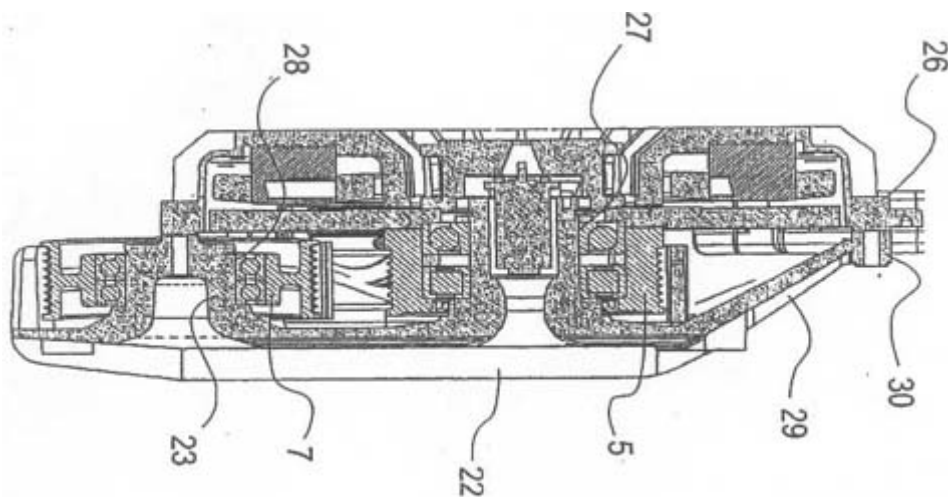
2)MUSTALAHTI JORMA

No of Pages : 17

No of Claims : 7

(57) Abstract :

The invention relates to a suspension arrangement for an elevator, which elevator preferably is an elevator without machine room and in which elevator the hoisting machine (4) is connected via a traction sheave (5) to hoisting ropes (3), by means of which the elevator car (1) is moved, and which hoisting machine (4) comprises at least a stator frame (26) secured to a mounting place in the elevator shaft and a traction sheave (5) and a rotor frame (25) forming a fixed assembly, which assembly is mounted with bearings so as to be rotatable with respect to the stator frame, and which hoisting machine (4) is secured to a stiffener (22) bracing the stator frame (26). The stiffener (22) comprises a support for mounting a bearing (23), said support being preferably situated below the traction sheave (5) and extending in a direction towards the hoisting machine, on which support is mounted with a bearing a freely rotating auxiliary diverting pulley (7).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1385/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR PRODUCING {N-[1-(S)-CARBOLKOXY-3-PHENYLPROPYL]-S-ALANYL-2S, 3AR, 7AS-OCTAHYDROINDOL-2-CARBOXYLIC ACID} COMPOUNDS

(51) International classification :C07D 209/42

(31) Priority Document No :2038/03

(32) Priority Date :28/11/2003

(33) Name of priority country :Switzerland

(86) International Application No :PCT/CH2004/000688

Filing Date :15/11/2004

(87) International Publication No :WO/2005/051909

(61) Patent of Addition 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)POGUTTER, MIRKO

2)RUDOLF, FELIX

3)BICHSEL, HANS-ULRICH

4)BADER, THOMAS

No of Pages : 28

No of Claims : 19

(57) Abstract :

The invention relates to a method for producing optionally substituted {N-[1-(S)-carbalkoxy-3-phenylpropyl]-S-alanyl-2S, 3aR, 7aS-octahydroindol-2-carboxylic acid} and the pharmaceutically acceptable salts thereof. To this end, a racemic mixture of optionally substituted trans-octahydroindol-2-carboxylic acid is reacted with the N-carboxyanhydride of {N-[1-(S)-alkoxycarbonyl-3-phenylpropyl]-L-alanine}, which is optionally substituted on the phenyl ring, in an appropriate inert solvent, and the obtained optionally substituted {N-[1-(S)-carbalkoxy-3-phenylpropyl]-S-alanyl-2S, 3aR, 7aS-octahydroindol-2-carboxylic acid}, preferably trandolapril, is subsequently isolated, as well as polymorphous forms A and B of trandolapril.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1386/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : 4-OXO-4,5-DIHYDRO-FURAN-2-CARBOXYLIC AND ACID DERIVATIVES AND METHODS OF TREATMENT OF METABOLIC-RELATED DISORDERS THEREOF

(51) International classification :C07D 307/68

(31) Priority Document No :60/524,269

(32) Priority Date :21/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/038920

Filing Date :18/11/2004

(87) International Publication No :WO 2005/051937

(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)ARENA PHARMACEUTICALS, INC.

Address of Applicant :6166 NANCY RIDGE DRIVE, SAN DIEGO, CA 92121-3223 U.S.A.

(72)Name of Inventor :

1)JUNG, JAE-KYU

2)SEMPLE, GRAEME

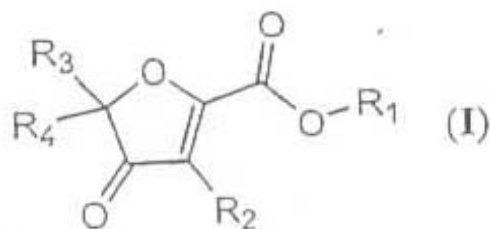
3)JOHNSON, BENJAMIN R.

No of Pages : 76

No of Claims : 48

(57) Abstract :

The present invention relates to certain 4-oxo-4,5-dihydro-furan-2-carboxylic acid and ester 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 α -glucosidase 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.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1387/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY ENRICHED AMINO ACIDS

(51) International classification	:C07B 57/00
(31) Priority Document No	:03028341.0
(32) Priority Date	:10/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/013194
Filing Date	:20/11/2004
(87) International Publication No	:WO 2005/058776
(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)DEGUSSA AG,
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Germany
(72)**Name of Inventor :**
1)DR. ROLF HOFFMAN
2)MICHAEL KRAFT

No of Pages : 14

No of Claims : 11

(57) Abstract :

The present invention relates to a process for the resolution of derivatives of alpha-amino acids. In particular the process is concerned with the resolution of a mixture of enantiomers of N-protected amino acids by crystallization with enantiomerically pure N-unprotected beta-amino acid derivatives.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1388/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MOBILE COMMUNICATION TERMINAL FOR SERVICE TYPE SIGNALING

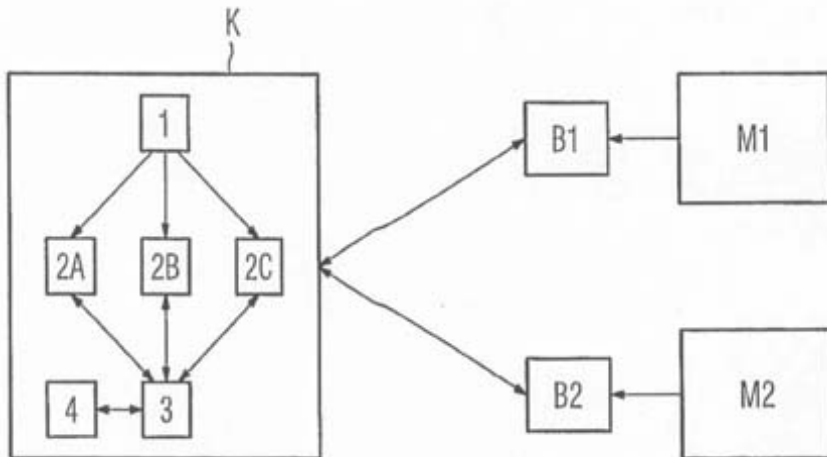
(51) International classification	:H04Q 7/32	(71)Name of Applicant :
(31) Priority Document No	:10354942.0	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:25/11/2003	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUNCHEN, Germany
(86) International Application No	:PCT/EP2004/012672	(72)Name of Inventor :
Filing Date	:09/11/2004	1)REINHOLD BRAAM
(87) International Publication No	:WO 2005/060289	2)MICHAEL FRANZEN
(61) Patent of Addition to Application Number	:NA	3)WOLFGANG GROTING
Filing Date	:NA	4)GESA LORENZ
(62) Divisional to Application Number	:NA	5)SEBASTIAN OBERMANNS
Filing Date	:NA	6)MALTE SCHMIDT

No of Pages : 11

No of Claims : 8

(57) Abstract :

In the case of a mobile communication terminal (K) for operation for at least two mobile radio communication systems in respectively associated mobile radio networks (M1, M2), each of which provides a user of the communication terminal (K) with a number of services of different type, the object of allowing a user to effect efficient management of the services provided for him is achieved by virtue of the communication terminal (K) being designed to receive and effect further processing of data records which are associated with one respective type of the services. The invention also presents a mobile radio arrangement.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1389/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METALLURGY POWDER COMPOSITIONS AND ARTICLES AND METHODS UTILIZING THE SAME

(51) International classification :B22F 1/00
(31) Priority Document No :60/525,571
(32) Priority Date :26/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035569
Filing Date :27/10/2004
(87) International Publication No :WO 2005/053881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

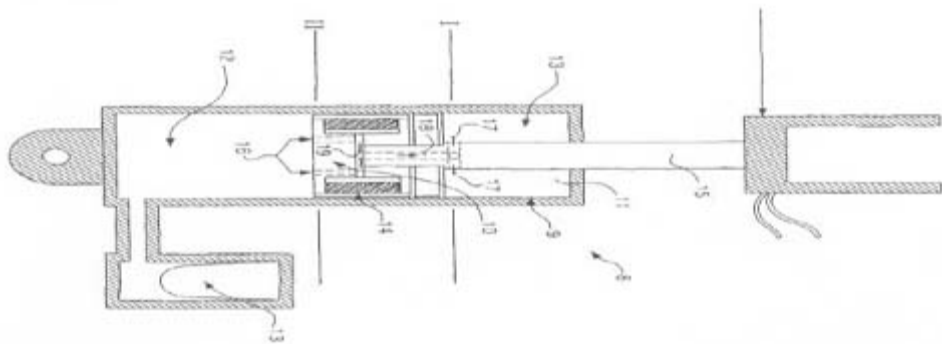
(71)**Name of Applicant :**
1)HOEGANAES CORPORATION
Address of Applicant :1001 TAYLORS LANE, CINNAMINSON,
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(72)**Name of Inventor :**
1)SCHADE, CHRISTOPHER, T.
2)HAMILL, JACK, A, JR.

No of Pages : 18

No of Claims : 20

(57) Abstract :

The metallurgical powder composition suspensions of the present invention include a magnetic powder having an outer oxide layer suspended in a carrier fluid. Magnetic powders include iron-based powders, such as for example, powders of iron pre-alloyed with other elements. Alloying materials include columbium, silicon, calcium, manganese, magnesium, carbon, boron, aluminum, titanium, molybdenum, chromium, copper, nickel, gold, vanadium, phosphorus, or combinations thereof. Carrier fluids include silicon-based fluids and/or oils, such as hydrocarbon oils. The outer oxide layer includes alloy materials that are reacted/complexed with oxygen. Magnetic powders exhibit low rates of oxidation over a broad temperature range. Articles incorporating metallurgical powder composition suspensions include dampeners having a chamber, a piston that reciprocates in the chamber, and a source of magnetism operatively connected to the chamber. The source of magnetism, when activated, produces a magnetic field that changes the apparent viscosity of the metallurgical powder composition suspension.



(54) Title of the invention : HONEYCOMB BODY HAVING AT LEAST ONE SPACE-SAVING MEASUREMENT SENSOR, AND CORRESPONDING LAMBDA SENSOR

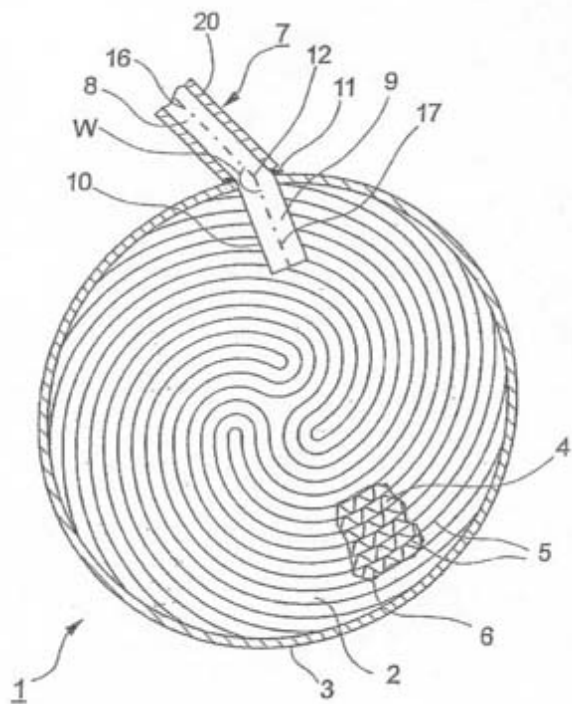
(51) International classification	:H01R 13/56	(71)Name of Applicant :	
(31) Priority Document No	:10357951.6	1)EMITEC GESELLSCHAFT FUR EMISSIONS-TECHNOLOGIE MBH	
(32) Priority Date	:11/12/2003	Address of Applicant :HAUPTSTRASSE 150, 53797 LOHMAR,	
(33) Name of priority country	:Germany	Germany	
(86) International Application No	:PCT/EP2004/013757	(72)Name of Inventor :	
Filing Date	:03/12/2004	1)BRUCK, ROLF	
(87) International Publication No	:WO 2005/056987	2)ALTHOFER, KAIT	
(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 : 19

(57) Abstract :

The invention relates to a honeycomb body (1), which can be traversed by a fluid, in particular the exhaust gas of an internal combustion engine, at least partially in a traversing direction (15). Said body comprises a plurality of at least partially traversable cavities (4) that form a honeycomb structure (2), the latter (2) being located in a casing (3) and at least one sensor (7), which comprises at least a first sub-section (8) and a second sub-section (9). At least the second sub-section (9) of the sensor (7) extends into the honeycomb structure (2) and penetrates at least part of the cavities (4) and at least the first sub-section (8) extends beyond the casing (3). Said honeycomb body is characterised in that the first (8) and the second sub-section (9) are configured in a substantially rigid manner and form an angle (W) that is different from 180 degrees on a first plane (18) that encompasses the traversing direction (15) of the honeycomb body (1) and/or on a second plane (19) that runs perpendicular to the traversing direction (15) of the honeycomb body (1). In the inventive honeycomb body (1), the angled construction of the sensor permits said body (1) to have a space-saving construction that comprises at least one sensor (7).



(54) Title of the invention : MEASURING A SUBSTANCE IN A BIOLOGICAL SAMPLE

(51) International classification :G01N 21/62
 (31) Priority Document No :10/692,996
 (32) Priority Date :24/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/035103
 Filing Date :25/10/2004
 (87) International Publication No :WO 2005/043116
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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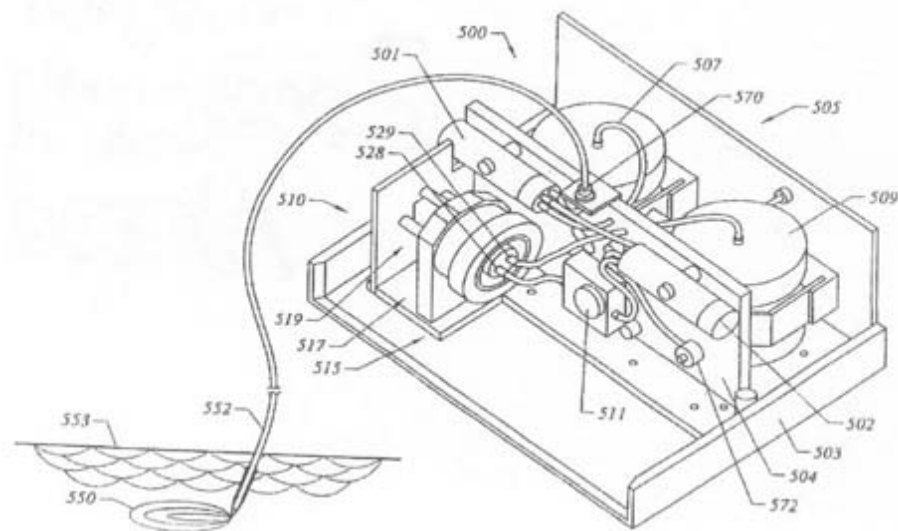
1)GORE, JAYAVANT P.**2)SANTHANAKRISHNAN, SIVAKUMAR,****3)KUNJAN, KISLAYA,****4)MEHTA, ANJAN,****5)MULQUEEN, PAUL, J.**

No of Pages : 82

No of Claims : 88

(57) Abstract :

Method and apparatus for measuring the amount of an organic substance in a biological sample using infrared electromagnetic radiation. For example, glucose levels can be detected in capillary fluid filtrate obtained subcutaneously in a continuous manner in order to provide real-time glucose monitoring for a patient with diabetes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1392/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : BUILDING COMPONENT FOR CONSTRUCTING FLOOR OR WALL COVERINGS

(51) International classification :E04F 15/02
(31) Priority Document No :10349790.0
(32) Priority Date :24/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/011843
Filing Date :20/10/2004
(87) International Publication No :WO 2005/040521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

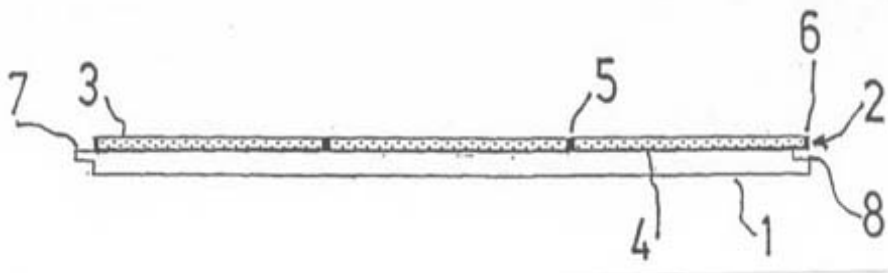
(71)**Name of Applicant :**
1)PETEC SOCIETE ANONYME
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Luxembourg
(72)**Name of Inventor :**
1)PERMESANG, CLAUSE

No of Pages : 22

No of Claims : 22

(57) Abstract :

The invention relates to a building component for forming floor and/or wall coverings, for example tile or parquet floorings. According to said invention, the inventive building component comprises a support layer (1) and a layer (2) which is connected thereto and consists of at least one coating element (3) forming a floor or wall surface. Said building component also comprises a device (7, 8) for connecting similar building components applied to a floor or a wall. Said support layer (1) is preferably connected to the coating element (3) by means of an intermediate layer (4) which is foamed or sprayed on the support layer (1) and on the building component.



(54) Title of the invention : MOBILE FLUID CATALYTIC CRACKING INJECTION SYSTEM

(51) International classification :C10G 11/00
 (31) Priority Document No :10/717,249
 (32) Priority Date :19/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037865
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/051528
 (61) Patent of Addition 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 :

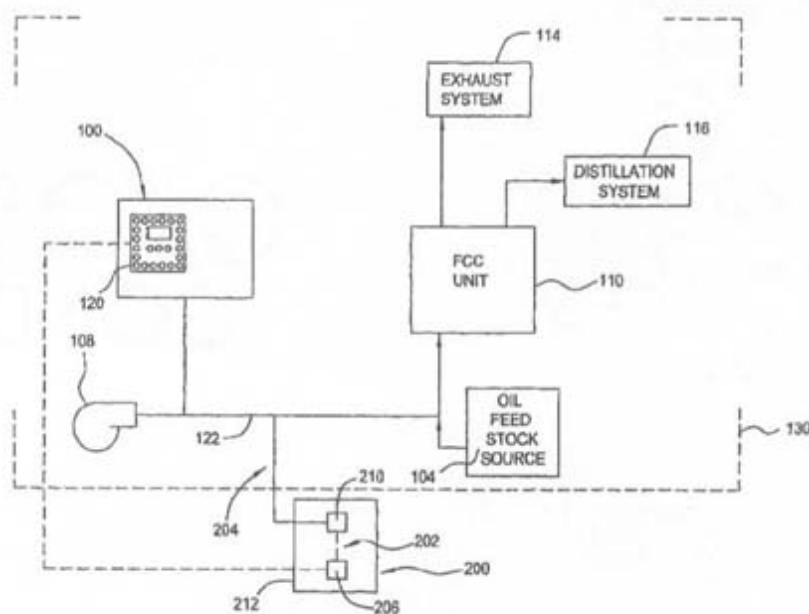
1)EVANS, MARTIN

No of Pages : 37

No of Claims : 35

(57) Abstract :

A mobile fluid cracking catalyst injection system and a method of controlling a fluid catalyst cracking process is provided. In one embodiment, a mobile fluid catalyst cracking system includes a transportable platform, a catalyst reservoir coupled to the platform and a flow control device coupled to an outlet of the reservoir and adapted to control the flow of catalyst from the reservoir to a fluid catalyst cracking unit (FCCU).



(54) Title of the invention : "APPARATUS FOR CARRYING ARTICLE, METHOD OF CARRYING ARTICLE OUT FROM TRANSPORTATION CONTAINER BY USING THE APPARATUS, AND METHOD OF CARRYING ARTICLE INTO TRANSPORTATION CONTAINER BY USING THE APPARATUS"

(51) International classification :B65D 19/42
 (31) Priority Document No :2003-392997
 (32) Priority Date :21/11/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/017293
 Filing Date :19/11/2004
 (87) International Publication No :WO 2005/049461
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

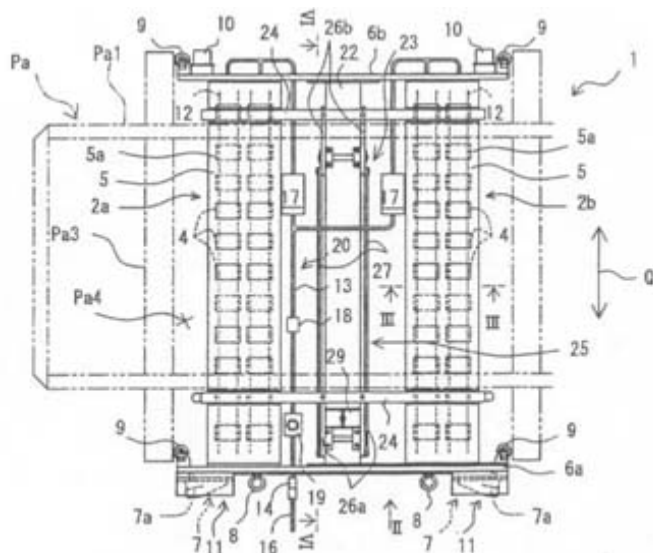
(71)Name of Applicant :
1)TOYOTA STEEL CENTER CO., LTD.
 Address of Applicant :33-4, SHINPO-CHO, TOKAI-SHI, AICHI-KEN, 476-8533 Japan
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2)ITOU NOBUKAI
3)KATSURADA NAOYUKI

No of Pages : 176

No of Claims : 36

(57) Abstract :

[PROBLEMS] This invention provides a cheap, simple structure carrier unit for a carrying object capable of carrying various kinds of carrying objects to a transportation container, carry in method and carry-out method of the carrying object to the transportation container using the same. [MEANS FOR SOLVING PROBLEMS] This unit (1) comprises a base number (3), a traveling means (rotation roller (4)) provided on the bottom face of the base number and capable of traveling on the floor surface and a pallet supporting member (5) provided on the base member such that it is capable of being lifted up/down and capable of supporting a pallet (Pa) from under and its lift operation means lifts down the pallet supporting member in a lifted-up condition during traveling of a traveling means and places a pallet supported by this pallet supporting member so as to stop the traveling.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1395/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHODS AND APPARATUS FOR REMOTE AUTHENTICATION IN A SERVER-BASED COMPUTING SYSTEM

(51) International classification :G06F 21/00

(31) Priority Document No :60/481,708

(32) Priority Date :26/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/041187

Filing Date :23/11/2004

(87) International Publication No :WO 2005/055026

(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)INNES, ANDREW

2)MAYERS, CHRIS

3)HALLS, DAVID

4)WATERHOUSE, SIMON

No of Pages : 34

No of Claims : 37

(57) Abstract :

A method and apparatus for remotely authenticating a user to a server in a server-based computing environment. A client computing device receives user credentials and generates user authentication data based upon the received credentials. The client computing device transmits the generated user authentication data to a server computing device. The server computing device authenticates the user responsive to the transmitted user authentication data.

(54) Title of the invention : METHOD AND APPARATUS FOR MEASUREMENT OF TERMINAL SOLID SOLUBILITY TEMPERATURE IN ALLOYS CAPABLE OF FORMING HYDRIDES

(51) International classification :G01N 27/04
 (31) Priority Document No :60/525,121
 (32) Priority Date :28/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/002015
 Filing Date :23/11/2004
 (87) International Publication No :WO/2005/052949
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

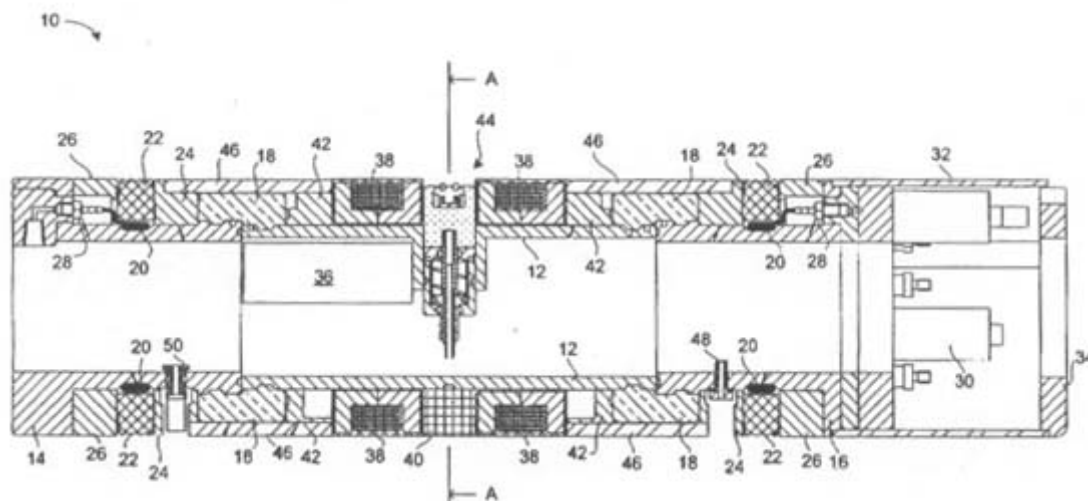
(71)Name of Applicant :
1)ONTARIO POWER GENERATION INC.
 Address of Applicant :700 UNIVERSITY AVENUE, TORONTO,
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 (72)Name of Inventor :
1)TASHIRO, KELVIN
2)SEDO, JOHN H
3)NG, MARIO

No of Pages : 29

No of Claims : 32

(57) Abstract :

An apparatus and method for measuring terminal solid solubility in materials capable of forming hydrides, such as reactor pressure tubes. An inspection device is positioned within the reactor pressure tube under test and a pair of annular seals are radially deployed to seal a section of the pressure tube. Any water within the sealed section is displaced through the injection of gas and the heating of the sealed section to dry the tube and the device. A probe assembly on the device is deployed to contact the interior surface of the pressure tube and measure resistivity changes in the pressure tube wall as a function of temperature. The probe assembly includes a thermocouple probe for measuring temperature and transmit and receive coils for inducing eddy currents within the pressure tube wall. The pressure tube is allowed to cool at a predetermined rate, is reheated at a predetermined rate, and is allowed to cool again. Discontinuities within the temperature coefficient of resistivity indicate terminal solid solubility temperatures of precipitation or dissolution, which may be used to determine the hydrogen concentration of the sealed section of reactor pressure tube.



(54) Title of the invention : MULTI-CATALYST INJECTION SYSTEM

(51) International classification :B01J 8/18
 (31) Priority Document No :10/717,250
 (32) Priority Date :19/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038329
 Filing Date :16/11/2004
 (87) International Publication No :WO/2005/052091
 (61) Patent of Addition 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 :104 UNION AVENUE, MANASQUAN, NEW JERSEY 08736 U.S.A.

(72)Name of Inventor :

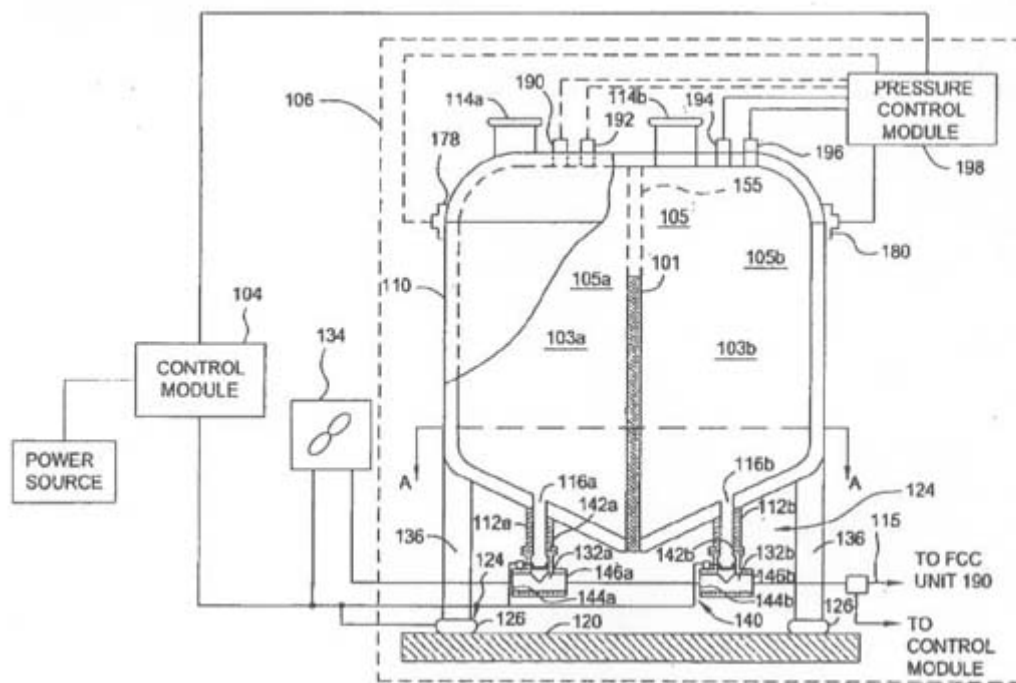
1)EVANS MARTIN**2)ELLIOTT ERIC**

No of Pages : 35

No of Claims : 37

(57) Abstract :

The invention is a multi-catalyst injection system. In one embodiment, the system comprises a vessel suitable for storing fluid cracking catalyst and having a separator defining at least two compartments within the vessel. A plenum is defined in the vessel and is fluidly coupled to each of the compartments. A plurality of dispense mechanisms are respectively coupled to a respective compartment to control the flow of catalyst from the injection system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1398/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR THE ISOMERISATION OF A CYCLOHEXENYL ALKYL OR ALKENYL KETONE

(51) International classification	:C07C 45/67	(71) Name of Applicant :
(31) Priority Document No	:PCT/IB03/06118	1)FIRMENICH SA
(32) Priority Date	:16/12/2003	Address of Applicant :1 ROUTE DES JEUNES, P.O.BOX 239, 1211
(33) Name of priority country	:EUROPEAN	GENEVA 8, Switzerland
	UNION	(72) Name of Inventor :
(86) International Application No	:PCT/IB2004/003978	1)JACOBY, DENIS
Filing Date	:30/11/2004	2)NEFFAH, BESSAA
(87) International Publication No	:WO 2005/061426	3)CHAPUIS, CHRISTIAN
(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 : 17

(57) Abstract :

The present invention relates to a process for the carbon-carbon double bond isomerisation of a 2-alkyl-cyclohex-3-enyl alkyl or alkenyl ketone into a mixture comprising the corresponding 2-alkyl-cyclohex-2-enyl ketones and the corresponding 2-alkylene-cyclohexyl ketones, using as catalyst a ruthenium complex obtainable by the reaction of an appropriate ruthenium organometallic precursor and an acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1399/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHODS AND APPARATUS FOR REMOTE AUTHENTICATION IN A SERVER-BASED COMPUTING SYSTEM

(51) International classification :G06F 21/00

(31) Priority Document No :60/481,708

(32) Priority Date :26/11/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/039442

Filing Date :23/11/2004

(87) International Publication No :WO 2005/055025

(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)INNES, ANDREW

2)MAYERS, CHRIS

3)HALLS, DAVID

4)WATERHOUSE, SIMON

No of Pages : 34

No of Claims : 36

(57) Abstract :

A method and apparatus for remotely authenticating a user to a server in a server-based computing environment. A client computing device receives user credentials and generates user authentication data based upon the received credentials. The client computing device transmits the generated user authentication data to a server computing device. The server computing device authenticates the user responsive to the transmitted user authentication data. The server computing device generates new user authentication data based on the transmitted user authentication data. The server computing device transmits to a second server the new user authentication data. The second server authenticates the user, responsive to the received user authentication data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1400/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TUBULIN INHIBITORS

(51) International classification :C07D 487/04

(31) Priority Document No :60/527,931

(32) Priority Date :08/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/040854

Filing Date :07/12/2004

(87) International Publication No :WO/2005/056560

(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.

(72)Name of Inventor :

1)WU YANZHONG

2)SCHMID JEAN

3)AFRAGOLA JAY THOMAS

4)BLUM DAVID MICHAEL

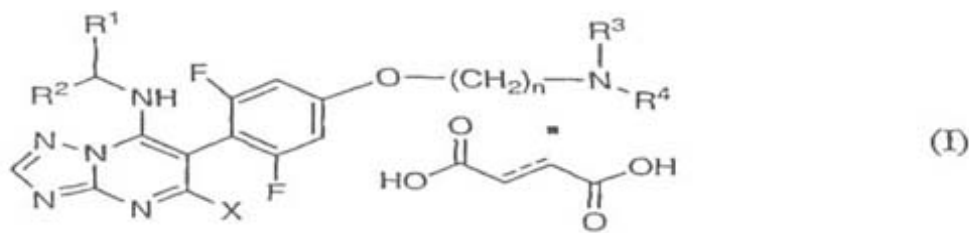
5)AYRAL-KALOUSTIAN SEMIRAMIS

No of Pages : 29

No of Claims : 26

(57) Abstract :

The present invention provides a process for the preparation of 6-[(substituted) phenyl]-triazolopyrimidine dicarboxylic acid salt and as a hydrated salt having the structural formula (I) wherein: R is CF₃ or C₂F₅; R is H or C₁-C₃ alkyl; n is an integer of 2, 3, or 4; X is Cl or Br; R and R are each independently H or C₁-C₃ alkyl; or R and R when optionally taken together with the nitrogen atom to which each is attached form a 4 to 6 membered saturated heterocyclic ring having 1-2 nitrogen atoms and 0-1 oxygen atoms or 0-1 sulfur atoms, and optionally substituted with R; R is C₁-C₃ alkyl; wherein the dotted line is an optional bond.



(54) Title of the invention : METHODS AND SYSTEM FOR TRACKING DELIVERY ITEMS

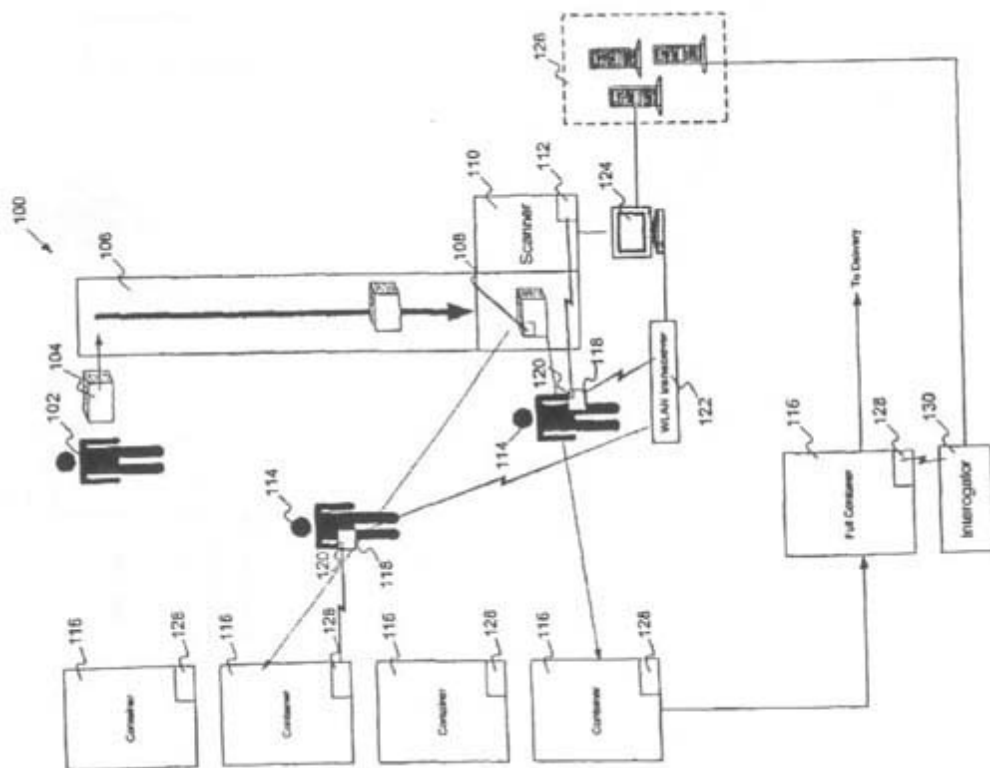
(51) International classification	:G06F 7/00	(71)Name of Applicant :	
(31) Priority Document No	:60/524,619	1)UNITED STATES POSTAL SERVICE	
(32) Priority Date	:25/11/2003	Address of Applicant :475 L'ENFANT PLAZA, S.W.,	
(33) Name of priority country	:U.S.A.	WASHINGTON, DCD 20260-1135 U.S.A.	
(86) International Application No	:PCT/US2004/031956	(72)Name of Inventor :	
Filing Date	:30/09/2004	1)HAMILTON, DARYL, S.	
(87) International Publication No	:WO 2005/057331		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 25

No of Claims : 33

(57) Abstract :

Methods and systems are provided for tracking the nesting of delivery items can include using a passive RFID-type or an auto-detection type communication device to determine which mail handler picks up a particular tray from a location, such as the end of a conveyor system. When the mail handler places the tray in a container, another RFID-type device can be used to detect into which container the mail handler placed the tray. This information may then be passively and/or wirelessly transmitted to an application server that may store the information in a database to verify and validate, in real time, that the tray was placed into the correct container. These methods and systems are equally applicable to other nesting environments, including for example, the placing of containers into transportation vehicles.



(54) Title of the invention : METHODS AND SYSTEMS FOR TEXT SEGMENTATION

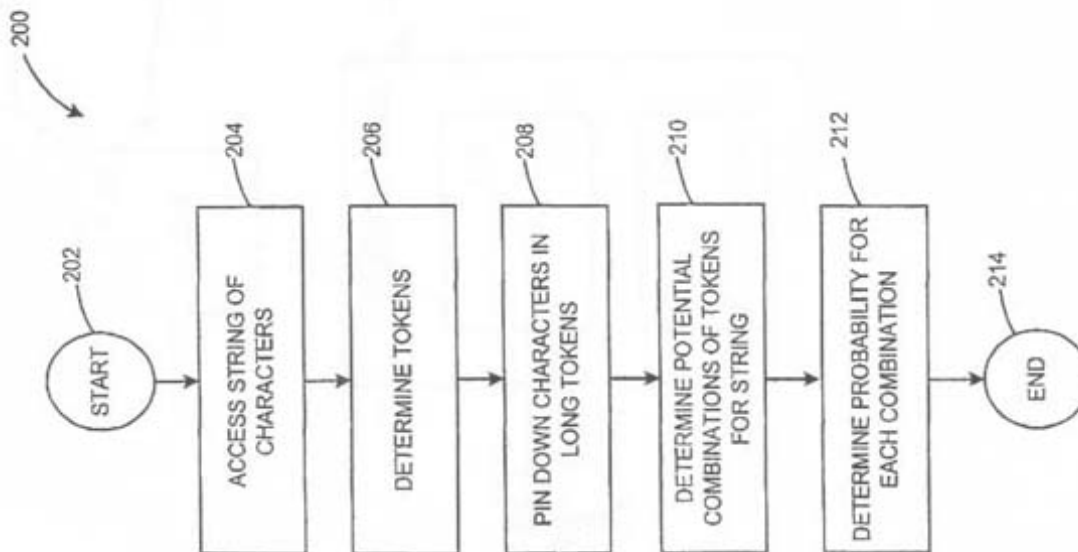
(51) International classification	:G06K 9/72	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2003/041609	1)GOOGLE INC.
(32) Priority Date	:30/12/2003	Address of Applicant :1600 AMPHITHEATRE PARKWAY,
(33) Name of priority country	:U.S.A.	MOUNTAIN VIEW CALIFORNIA 94043 U.S.A.
(86) International Application No	:PCT/US2003/041609	(72)Name of Inventor :
Filing Date	:30/12/2003	1)WEISSMAN, ADAM, J.
(87) International Publication No	:WO 2005/069199	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 22

(57) Abstract :

Methods and systems for text segmentation are disclosed. In one such method and system, a string of characters is accessed (204), a long token is identified (206), contiguous characters in the long token are pinned down (208), tokens from the string of characters are determined by keeping the pinned down contiguous characters together; and a plurality of combinations of tokens are determined (210), wherein the number of combinations of tokens is reduced by the pinned down contiguous characters.



(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD OF INHIBITING CORROSION IN HOT WATER SYSTEMS

(51) International classification	:C23F 11/08
(31) Priority Document No	:10/718,424
(32) Priority Date	:20/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038253
Filing Date	:10/11/2004
(87) International Publication No	:WO 2005/052213
(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)NALCO COMPANY
 Address of Applicant :1601, DIEHL ROAD, NAPERVILLE,
 ILLINOIS 60563-1198 U.S.A.

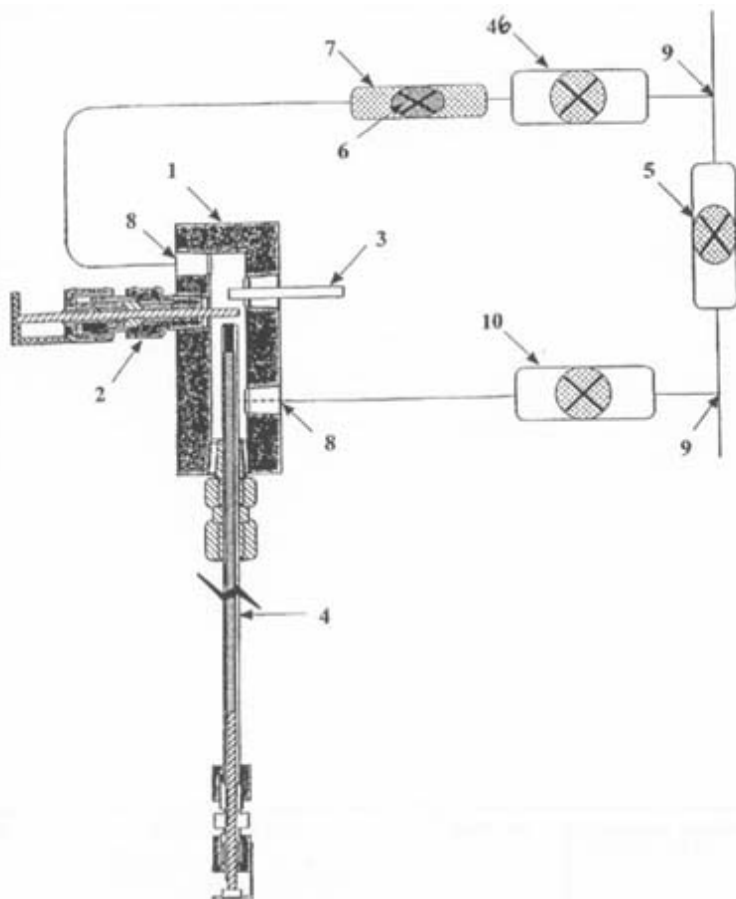
(72)Name of Inventor :
1)BAILEY, BRUCE R
2)HICKS, PETER D

No of Pages : 40

No of Claims : 20

(57) Abstract :

This invention concerns methods and apparatus for measuring oxidation reduction potentials of water in a hot water system at system temperature and pressure and methods of using the measured oxidation-reduction potential to monitor and control the addition of oxygen scavengers or oxygen to the system in order to maintain effective corrosion inhibiting concentrations of the oxygen scavengers or dissolved oxygen in the system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1404/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR OPERATING INDUSTRIAL INSTALLATIONS

(51) International classification	:G06F19/00; G06F19/00
(31) Priority Document No	:80/524,227
(32) Priority Date	:21/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/039250
Filing Date	:19/11/2004
(87) International Publication No	:WO/2005/052840
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

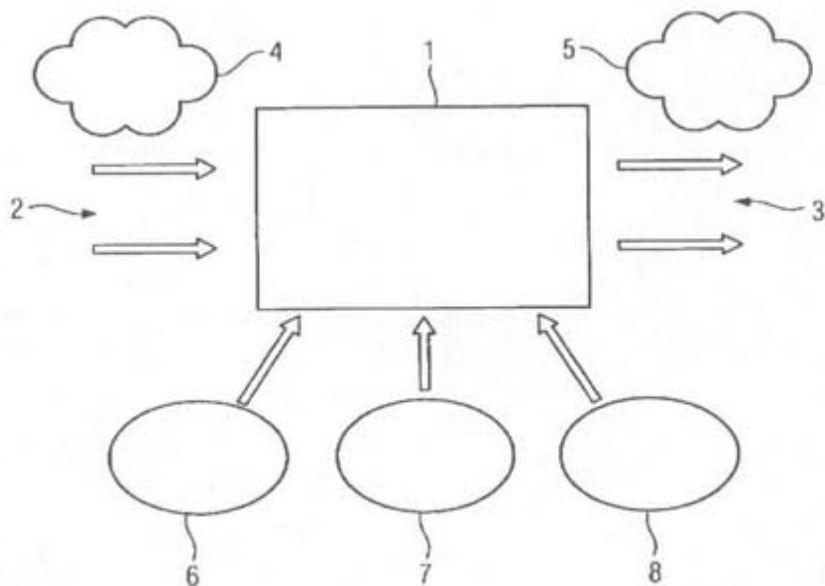
(71)**Name of Applicant :**
1)SIEMENS AKTIENGSELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN Germany
(72)**Name of Inventor :**
1)Ulrich Gerdemann
2)Josef Meixner
3)Reinhard Sauerwein

No of Pages : 20

No of Claims : 18

(57) Abstract :

The method was tackled with picking line for generating strip steel for the automobile industry. The initial conditions to which the tandem-type mill coupled with picking line (1) executed using the installation (1) is exposed. The installation (1) receives an input (2) in the form of human resources, energy, media, raw materials, semifinished product, etc., which is converted by the installation (1) into output (3). Since the plant is a hot rolling mill, the output (3) is in the form of hot rolled strips. The different components of the input (2) can be assigned to the factor markets (4) that are relevant to the real installation. The different components of the output (3) can further be assigned to the product markets (5) that are relevant to the real installation (1).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1405/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : STRUCTURES FOR GAS DIFFUSION MATERIALS AND METHOD FOR THEIR FABRICATION

(51) International classification	:C25B9/10; C25B11/03	(71) Name of Applicant : 1)DE NORA ELETTRODI S.P.A. Address of Applicant :VIA DEI CANZI 1 I - 20134 MILANO Italy
(31) Priority Document No	:60/520,165	(72) Name of Inventor :
(32) Priority Date	:14/11/2003	1)DE CASTRO, Emory
(33) Name of priority country	:U.S.A.	2)TSOU, YU-MIN
(86) International Application No	:PCT/EP04/012874	3)CAYETANO, Mario, Josefina
Filing Date	:12/11/2004	4)MORSE, Jeffrey, G
(87) International Publication No	:WO/2005/048388	5)SCHNEIDER, Michael
(61) Patent of Addition to Application Number	:NA	6)DENG, Hua
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 20

(57) Abstract :

The invention consists of an improved structure for gas diffusion electrodes and gas diffusion layers whereby fine gradients of porosity and hydrophobicity promote efficient gas transport, water removal and overall enhanced performance of Membrane Electrode Assemblies constructed with these components.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1406/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND DOSAGE FORMS FOR INCREASING SOLUBILITY OF DRUG COMPOSITIONS FOR CONTROLLED DELIVERY

(51) International classification	:A61K9/00; A61K9/48	(71) Name of Applicant : 1)ALZA CORPORATION Address of Applicant :1900 CHARLESTON ROAD P.O.BOX 7210 MOUNTAIN VIEW CA 94039 U.S.A.
(31) Priority Document No	:60/532,450	(72) Name of Inventor :
(32) Priority Date	:23/12/2003	1)FRANK JAO
(33) Name of priority country	:U.S.A.	2)DAVID EDGREN
(86) International Application No	:PCT/US04/043525	3)DAVID EDGREN
Filing Date	:22/12/2004	4)ROBERT SKLUZACEK
(87) International Publication No	:WO/2005/063206	5)NOYMI YAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 69

No of Claims : 57

(57) Abstract :

Dosage forms and devices for enhancing controlled delivery of pharmaceutical agents by use of a drug core composition that increases the solubility of the pharmaceutical agent are described. The present invention provides a means of delivering high doses of poorly soluble drug in oral drug delivery systems that are convenient to swallow, for once-a-day administration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1407/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONTROLLED RELEASE ANALGESIC SUSPENSIONS

(51) International classification	:A61K 9/10
(31) Priority Document No	:10/697,546
(32) Priority Date	:30/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/034709
Filing Date	:21/10/2004
(87) International Publication No	:WO/2005/044230
(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)MCNELL-PPC, INC.

Address of Applicant :NEW JERSEY CORPORATION,
GRANDVIEW ROAD, SKILLMAN, NJ 08558 U.S.A.

(72)**Name of Inventor :**

1)DAVID W. WYNN

2)GERARD McNALLY

3)NICK PARIKH

No of Pages : 22

No of Claims : 10

(57) Abstract :

A method of administering non-steroidal-anti-inflammatory drugs, in particular propionic acid derivatives such as ibuprofen, or acetaminophen via a liquid suspension is provided. This method provides improved therapeutic effect, in particular pain relief, over extended time periods.

(54) Title of the invention : BEARING WITH INTEGRAL SEAL

(51) International classification :F16C17/02
 (31) Priority Document No :60/539,948
 (32) Priority Date :29/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002612
 Filing Date :31/01/2005
 (87) International Publication No :WO/2005/072387
 (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)GLACIER GARLOCK BEARINGS, INC.Address of Applicant :700, MID ATLANTIC PARKWAY,
THOROFARE, NEW JERSEY, 08086 U.S.A.

(72)Name of Inventor :

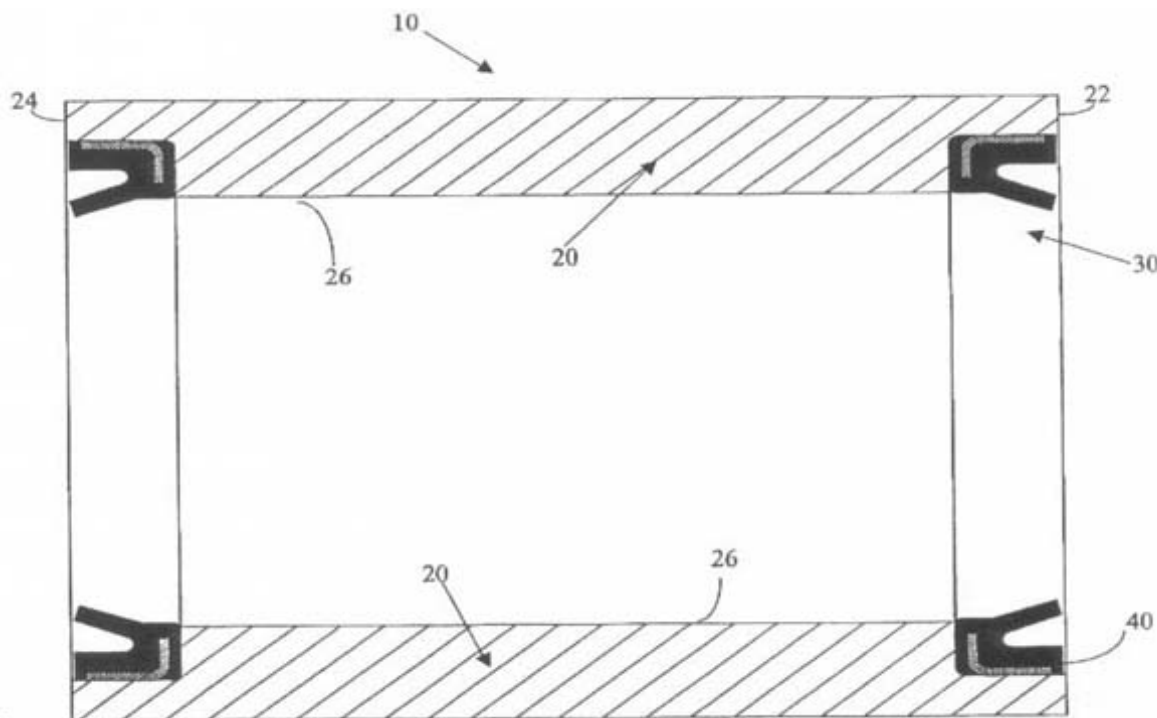
1)ASFOUR, ALBERT**2)JENDRO, MICHAEL****3)KIM, MICHAEL****4)SAILE, RICHARD**

No of Pages : 16

No of Claims : 17

(57) Abstract :

A seal assembly including an annular filament wound bearing having a first end and a second end and a large longitudinal central aperture, with the first and second ends having a counterbore formed in an interior wall surface of the bearing, the counterbores begin defined by an axially inner surface and a radially outer surface, and a seal disposed within each of the counterbores contacting at least one of said axially inner surface or said radially outer surface of the counterbore, the seal comprising a body portion and an radially inward extending sealing lip.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : RAW MATERIAL POWDER FOR WARM COMPACTION AND METHOD OF WARM COMPACTION

(51) International classification	:B22F 3/02	(71) Name of Applicant :
(31) Priority Document No	:2003-394534	1)MITSUBISHI MATERIALS PMG CORPORATION
(32) Priority Date	:25/11/2003	Address of Applicant :3-1-1, KOGANE-CHO, NIIGATA-SHI,
(33) Name of priority country	:Japan	NIIGATA 950-8640 Japan
(86) International Application No	:PCT/JP2004/017383	(72) Name of Inventor :
Filing Date	:24/11/2004	1)NAKAI TAKASHI
(87) International Publication No	:WO/2005/051577	2)KAWASE KINYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 11

(57) Abstract :

[PROBLEMS] To provide a raw material powder for warm compaction which is excellent in fluidity at a high temperature and exhibits high lubricity and compressibility in pressure forming, and also exhibits high cost efficiency, and a method of warm compaction comprising using the material powder. [MEANS FOR SOLVING PROBLEMS] A method of warm compaction which comprises incorporating only a hydroxy-fatty acid salt having an average particle diameter of 5 to 100 μm in an amount of 0.3 to 2 mass %, preferably 0.5 to 2 mass %, to a raw material powder in powder metallurgy and subjecting the resultant mixture to a warm compaction, or comprises adhering a hydroxy-fatty acid salt having an average particle diameter of 50 μm or less to a mold, in advance, and then subjecting the material to warm compaction using the mold. As the hydroxy-fatty acid salt, lithium 12-hydroxystearate is suitably used.

(54) Title of the invention : ADJUSTABLE RECLINING CHAIR

(51) International classification :A47C1/02
 (31) Priority Document No :0325358.0
 (32) Priority Date :30/10/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/004340
 Filing Date :13/10/2004
 (87) International Publication No :WO/2005/051128
 (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)ROBCO DESIGNS LTD.

Address of Applicant :2 CHAPEL COURT, LONDON SE1 1HH U.K.

(72)Name of Inventor :

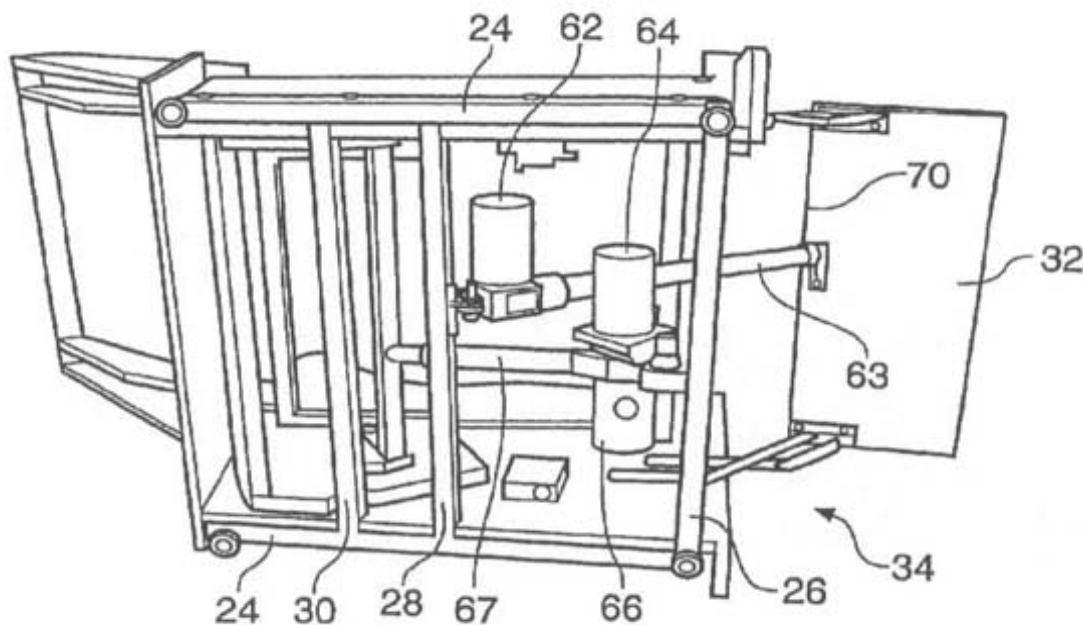
1)ROBERTSON, DALE

No of Pages : 46

No of Claims : 32

(57) Abstract :

One aspect of the invention concerns a lift-recliner chair comprising a base portion (12), a seat portion (14) pivotally connected to the base portion, a back portion (16) pivotally connected to the seat portion and a first actuator (62) for moving the seat portion with respect to the base portion and a second actuator (64) for moving the back portion with respect to the seat portion so as to alter the configuration of the chair. The actuators are substantially enclosed within the base portion of the chair between a pair of opposed structural base portion side panels (18) in all configurations of the chair. The seat portion is pivotally connected to the side panels (18) and is movable between a retracted and nested position within the base portion to an raised position in which it is telescopically extended from the base. The nested configuration can reduce the risk of entrapment between moving parts of the chair.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM

(51) International classification	:C25C 3/06	(71) Name of Applicant :
(31) Priority Document No	:10/702,419	1)THE UNIVERSITY OF CHICAGO
(32) Priority Date	:05/11/2003	Address of Applicant :5801 SOUTH ELLIS, CHICAGO, IL 60637
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/037180	(72) Name of Inventor :
Filing Date	:04/11/2004	1)HRYN, JOHN, N.
(87) International Publication No	:WO 2005/045101	2)BOYD, DAVIS, R.
(61) Patent of Addition to Application Number	:NA	3)YANG, JIANHONG
Filing Date	:NA	4)ROY, ALAIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 20

(57) Abstract :

A new method for the electrolytic production of aluminum, using a new electrolyte composition and low temperature operation, is provided. The electrolyte comprises a mixture of aluminum fluoride-potassium fluoride with from about 2 wt. % to 6 wt. % of alumina. The new electrolyte allows for the electrolytical reduction of alumina at temperatures as low as 700 DEG C. The lower temperature allows for the use of inert anodes, and is conducive to the use of wetted cathodes. The new electrolyte mixture has a higher solubility for alumina and remains entirely liquid, even with 5 wt. % of alumina present in the electrolyte during electrolysis. Oxygen (O₂) is the only gas generated during alumina electrolysis with the new electrolyte and the inert anodes, thus eliminating the production of greenhouse gases. Anodes and cathodes can be mounted in either a vertical, horizontal, or some other configuration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1412/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A SPOKED WHEEL FOR TYRES

(51) International classification	:B60B 21/06
(31) Priority Document No	:PD2003A000305
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2004/000708
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/058613
(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)ALPINA RAGGI S.P.A.

Address of Applicant :VIA PIAVE, 10, I-23871 LOMAGNA, Italy

(72)Name of Inventor :

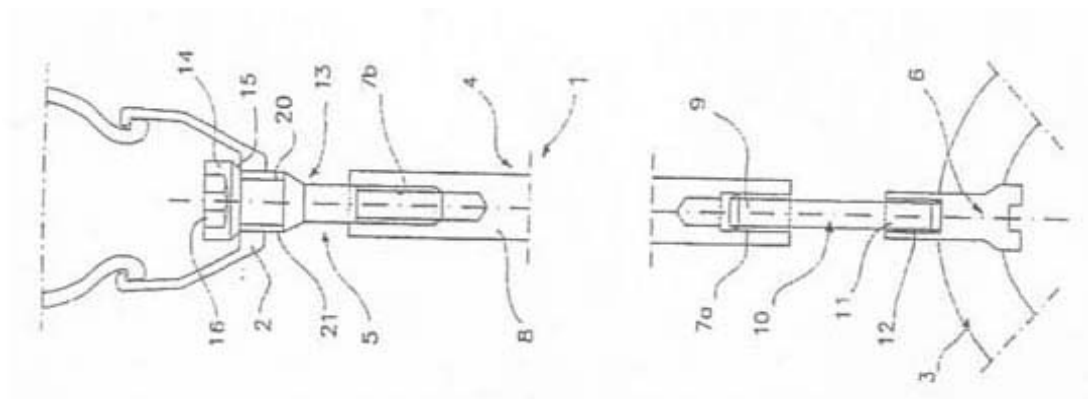
1)CAPPELLOTTO, GUIDO

No of Pages : 23

No of Claims : 24

(57) Abstract :

A spoked wheel (1) includes a rim (2) with a plurality of holes (21) for a respective plurality of nipples (5) and an equal plurality of spokes (4) secured to the rim (2) by means of these nipples (5). The nipples are arranged to be fitted so as to be substantially gastight in the respective holes (21) in the rim for the purpose of fitting tubeless tyres to the rim.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1413/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ELECTRONIC MESSAGE FORWARDING

(51) International classification :G06F 15/16	(71)Name of Applicant :
(31) Priority Document No :10/273,040	1)AMERICA ONLINE, INC.
(32) Priority Date :26/11/2003	Address of Applicant :22000, AOL WAY, DULLES, VA 20166
(33) Name of priority country :U.S.A.	U.S.A.
(86) International Application No :PCT/US2004/039272	(72)Name of Inventor :
Filing Date :19/11/2004	1)HULLFISH, KEITH C.
(87) International Publication No :WO/2005/054991	2)CAREY, CHARLES A.
(61) Patent of Addition to Application Number :NA	3)LONGE, MICHAEL R.
Filing Date :NA	4)PARR, JOE
(62) Divisional to Application Number :NA	
Filing Date :NA	

No of Pages : 38

No of Claims : 61

(57) Abstract :

The invention provides a method of transmitting electronic messages in a computer environment. The preferred embodiment receives an electronic message addressed to a telephone number and determines an instant message identifier associated with the telephone number. In response to the determination that an instant message identifier associates with the telephone number, it is further determined whether an instant message receiver is available to receive messages addressed to the instant message identifier. In response to a determination that an instant message receiver is available to receive instant messages addressed to the instant message identifier, the electronic message is forwarded as an instant message addressed to the instant message identifier. In response to a determination that an instant message receiver is available to receive instant message addressed to the instant message identifier, electronic message is sent to a mobile device at the telephone number in response to a determination that no instant message receiver is available to receive instant messages addressed to the instant message identifier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1414/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS

(51) International classification	:B32B 17/10	(71) Name of Applicant :
(31) Priority Document No	:2003-432891	1)SEKISUI CHEMICAL CO., LTD.
(32) Priority Date	:26/12/2003	Address of Applicant :4-4, NISHITEMMA, 2-CHOME, KITA-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 5308565 Japan
(86) International Application No	:PCT/JP2004/018663	(72) Name of Inventor :
Filing Date	:14/12/2004	1)FUKATANI JUICHI
(87) International Publication No	:WO/2005/066094	2)HATTA, BUNGO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 16

(57) Abstract :

An intermediate film with which laminated glass is suitably obtained, the intermediate film having excellent transparency, heat shielding capability, and electromagnetic wave transmission capability even if it is sandwiched between a pair of sheets of glass to produce laminated glass. Further, when the laminated glass is subjected to a durability test by light, a visible light transmission factor is not reduced after the test, initial optical quality is not impaired, and excellent antiweatherability is achieved. The intermediate film for laminated glass has at least one or more of each of heat shielding layers and ultraviolet light shielding layers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1415/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : WOUND CARE PRODUCTS CONTAINING KERATIN

(51) International classification	:A61K38/39; A61L15/32	(71) Name of Applicant : 1)KERATEC LIMITED Address of Applicant :SPRINGS ROAD, LINCOLN, CANTERBURY 8152 New Zealand
(31) Priority Document No	:530296	(72) Name of Inventor :
(32) Priority Date	:19/12/2003	1)KELLY ROBERT JAMES
(33) Name of priority country	:New Zealand	2)RODDICK-LANZILOTTA ALISA DAWN
(86) International Application No	:PCT/NZ2004/000323	3)ALI MOHAMMAD AZAM
Filing Date	:16/12/2004	4)ALI MOHAMMAD AZAM
(87) International Publication No	:WO/2005/058380	5)ALI MOHAMMAD AZAM
(61) Patent of Addition to Application Number	:NA	6)ALI MOHAMMAD AZAM
Filing Date	:NA	7)ALI MOHAMMAD AZAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 22

(57) Abstract :

The invention relates to a wound care product that provides a biochemical environment around a wound to promote wound healing. The wound care product includes a keratin protein fraction material in which the protein fraction is intact, is from the intermediate filament protein family or the high sulphur protein family and in which the protein fraction is s-sulfonated. The invention also describes a method of making a wound care product.

(54) Title of the invention : ELEVATOR

(51) International classification :B66B11/00
 (31) Priority Document No :20031720
 (32) Priority Date :24/11/2003
 (33) Name of priority country :Finland
 (86) International Application No :PCT/FI2004/000181
 Filing Date :29/03/2004
 (87) International Publication No :WO/2005/049466
 (61) Patent of Addition 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 :

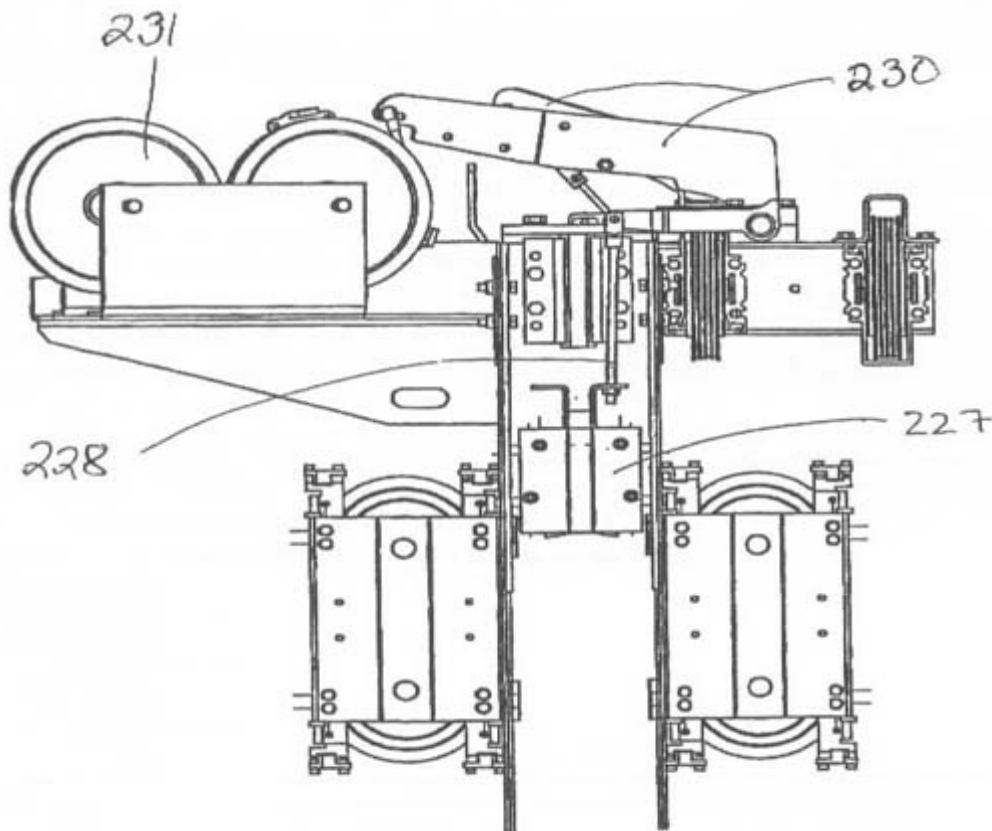
1)ANTTILA ARIPEKKA**2)AULANKO ESKO****3)BARNEMAN HAKAN****4)BJORNI OSMO**

No of Pages : 20

No of Claims : 9

(57) Abstract :

An elevator, preferably an elevator without counterweight, wherein the elevator car is suspended by hoisting ropes consisting of a single rope or a plurality of parallel ropes. The elevator has a traction sheave which moves the elevator car by means of the hoisting ropes. The elevator has rope portions of the hoisting ropes going upwards and downwards from the elevator car, and the elevator is provided with a safety gear (227) fitted in conjunction with the elevator car and engaging a guide rail. The elevator is provided with a locking mechanism (228) fitted in conjunction with the elevator car for locking the elevator car in place, said mechanism comprising means (230) for activating and releasing the safety gear fitted on the elevator car.



(54) Title of the invention : ELECTRIC UTILITY STORM OUTAGE MANAGEMENT

(51) International classification :G01R31/00;
G01R31/00
(31) Priority Document No :10/700,080
(32) Priority Date :03/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036549
Filing Date :01/11/2004
(87) International Publication No :WO/2005/043347
(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)ABB RESEARCH LTD.

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(72)Name of Inventor :

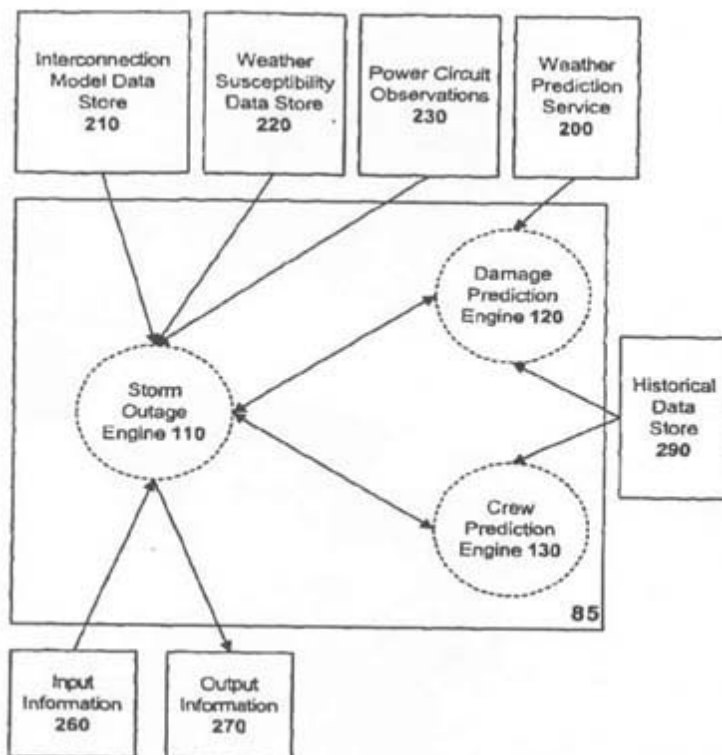
1)LUBKEMAN, DAVID**2)JULLIAN, DANNY, E.****3)BASS, MARTIN****4)OCHOA, RAFAEL, J.**

No of Pages : 50

No of Claims : 48

(57) Abstract :

Electric utility outage management is performed by determining an interconnection model of an electric utility power circuit, the power circuit comprising power circuit components, determining information indicative of weather susceptibility of the power circuit components, determining a weather prediction, and determining a predicted maintenance parameter based on the interconnection model, the weather susceptibility information, and the weather prediction.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1418/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CARTILAGE-PRESERVING LONG BONE HEAD PROSTHESIS

(51) International classification :A61F
(31) Priority Document No :IL 158633
(32) Priority Date :28/10/2003
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2004/000980
Filing Date :27/10/2004
(87) International Publication No :WO/2005/039439
(61) Patent of Addition 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 :Naiot Technological Center, Yokneam Industrial Park, P.O.Box 620, Yokneam 20692 Israel

(72)**Name of Inventor :**

1)BAR-ZIV, Yaacov

No of Pages : 34

No of Claims : 39

(57) Abstract :

The present invention is primarily directed to a long-bone endoprosthesis comprising an essentially spherical head region that is connected to a narrowed stem section, wherein the head region is characterized in having a roughened outer surface. The invention also provides methods for treating fractures of the neck region of a long-bone in a patient in need of such treatment, wherein said methods are characterized by the preservation of a long-bone head shell.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1419/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : NEEDLED GLASS MAT

(51) International classification	:D04H3/10; B29C70/24; B29C70/48	(71) Name of Applicant : 1)SAINT-GOBAIN VETROTEX FRANCE S.A. Address of Applicant :130 AVENUE DES FOLLAZ F-73000 CHAMBERY France
(31) Priority Document No	:0313977	(72) Name of Inventor :
(32) Priority Date	:28/11/2003	1)ROCHER, Gilles
(33) Name of priority country	:France	2)ROEDERER, Francois
(86) International Application No	:PCT/FR04/050495	3)LIONETTI, Livio
Filing Date	:07/10/2004	4)METRA, Claire
(87) International Publication No	:WO/2005/054559	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 21

(57) Abstract :

The invention relates to a method of preparing a needled glass mat. The inventive method comprises the following steps consisting in: a) depositing or projecting fibres onto a conveyor in order to form a blanket of said fibres, which is driven by the conveyor; b) and needling using barbed needles which pass through the blanket and move in the direction of said blanket at essentially the same speed of same while passing therethrough, with a punch density varying between 1 and 25/cm². The invention is quick and effective and the mat produced can be easily deformed by hand in order to be placed in a resin-injected composite production mould (RTM). The inventive mat can also be incorporated in a sheet moulding compound (SMC) and pressure moulded.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1420/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : WIRE CONNECTOR

(51) International classification	:H02G15/10
(31) Priority Document No	:10/274,980
(32) Priority Date	:02/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/024887
Filing Date	:02/08/2004
(87) International Publication No	:WO/2005/060391
(61) Patent of Addition 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)LLOYD, King, Herbert, Jr.

2)BELGERI, Michael

3)CAIN, John

4)HINER, William,

5)KEEVEN, James

No of Pages : 29

No of Claims : 12

(57) Abstract :

An open-face electrical wire connector for forming an electrical connection to a wire connector lug wherein the wire connector lug, which is free of any sealant, is located in a portion of a housing that can be brought into engagement with another portion of a housing, which carries a sealant, to cause the sealant to flow around the wire connector lug and the electrical connection therein for on-the-go formation of a sealant covered electrical connection.

(54) Title of the invention : RELEASABLE LINKAGE AND COMPOSITIONS CONTAINING SAME

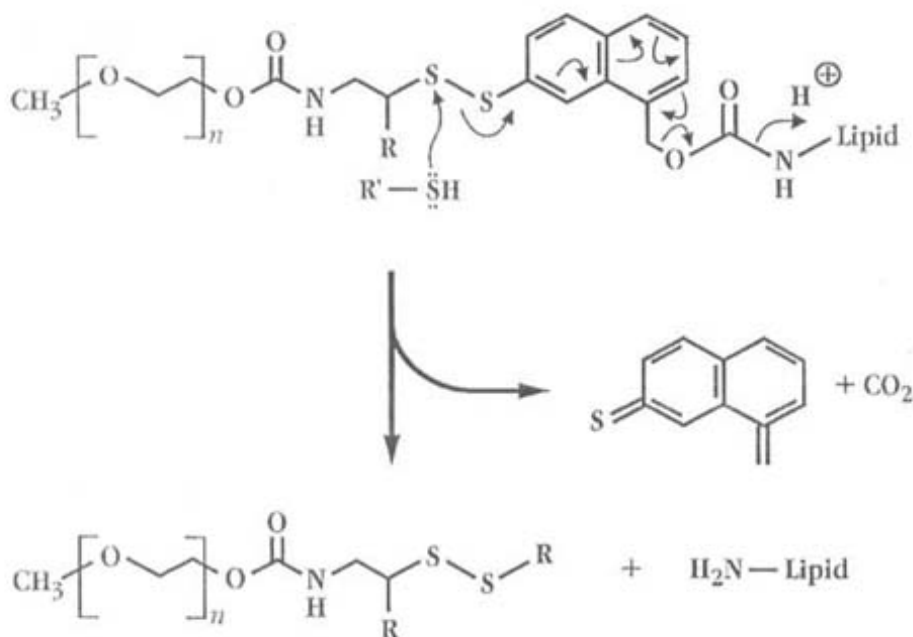
(51) International classification	:A61K 47/48	(71)Name of Applicant :
(31) Priority Document No	:10/723,473	1)ALZA CORPORATION
(32) Priority Date	:26/11/2003	Address of Applicant :1900 Charleston Road Mountain View CA
(33) Name of priority country	:U.S.A.	94039 U.S.A.
(86) International Application No	:PCT/US04/041348	(72)Name of Inventor :
Filing Date	:24/11/2004	1)SAMUEL ZALIPSKY
(87) International Publication No	:WO/2005/053749	2)RADWAN KIWAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66

No of Claims : 58

(57) Abstract :

A conjugate comprised of a hydrophilic polymer covalently yet reversibly linked to an amine-, hydroxy- or carboxyl-containing ligand is described. The resulting conjugate is capable of releasing the parent amine, hydroxy, or carboxyl-containing compound via thiol-mediated cleavage. The system allows for delivery of various amino-, hydroxy-, or carboxy-containing drugs in the form of their thiolytically cleavable macromolecular conjugates.



(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING CODED DATA BY ENCODER HAVING UNEQUAL ERROR PROBABILITY IN MOBILE COMMUNICATION SYSTEM

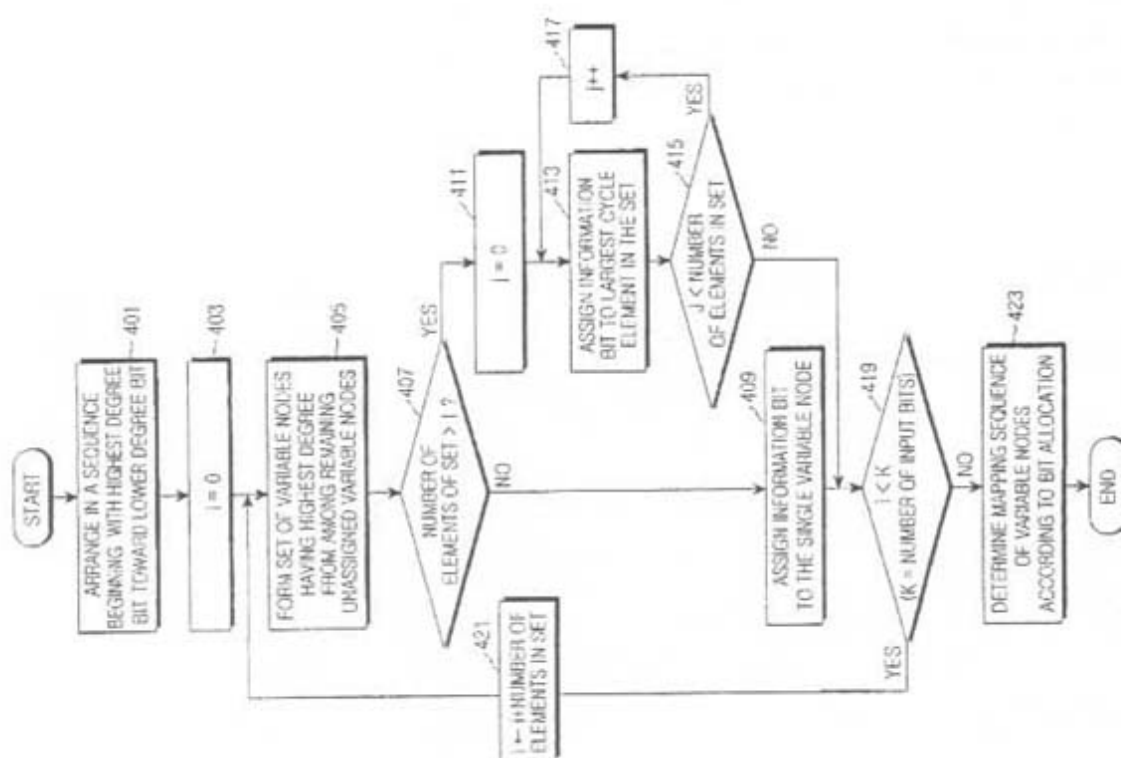
(51) International classification	:H03M13/11; H03M13/35	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0093944	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:19/12/2003	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2004/003357	1)HONG-SIL JEONG
Filing Date	:20/12/2004	2)GYU-BUM KYUNG
(87) International Publication No	:WO 2005/060141	3)JAE-YOEL KIM
(61) Patent of Addition to Application Number	:NA	4)SUNG-EUN PARK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 59

(57) Abstract :

Disclosed is an apparatus for transmitting information bits after coding the information bits with Low Density Parity Check (LDPC) codes having unequal error probability values in a wireless communication system which channel-codes and transmits the information bits. The apparatus includes a LDPC encoder for mapping high information bits to low variable nodes and low information bits to high variable nodes, the high information bits having high importance priorities and the low information bits having low importance priorities from among the information bits, wherein the low variable nodes are variable nodes having low error probability values and the high variable nodes are variable nodes having high error probability values in a factor graph of the LDPC codes.



(54) Title of the invention : METHOD AND APPARATUS FOR ADAPTIVE OPEN-LOOP POWER CONTROL IN MOBILE COMMUNICATION SYSTEM USING TDD

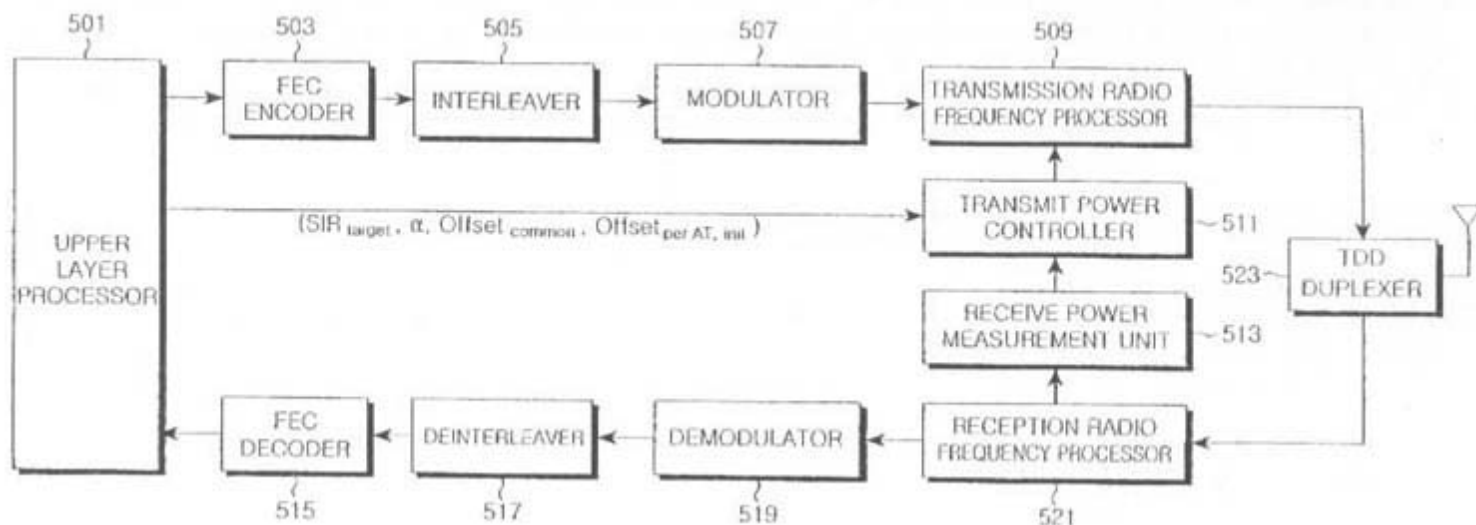
(51) International classification	:H04B7/005; H04B7/005	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0099100	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:29/12/2003	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2004/003493	1)JAE-WEON CHO
Filing Date	:29/12/2004	2)JIN-WEON CHANG
(87) International Publication No	:WO 2005/064821	3)SIE-JOON CHO
(61) Patent of Addition to Application Number	:NA	4)SOON-YOUNG YOON
Filing Date	:NA	5)HOON HUH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 70

(57) Abstract :

Disclosed is an apparatus for determining transmit power of an uplink frame transmitted from a subscriber station to a base station and transmitting data in a mobile communication system in which a downlink frame, transmitted from the base station to the subscriber station, and the uplink frame are time division-duplexed (TDD). The apparatus includes a receive power measurement unit for measuring receive power of signals received from the base station; a transmit power controller for determining the transmit power of the uplink frame from the receive power measured by the receive power measurement unit and information related to receptions of an uplink frame, which is received from the base station; and a transmission radio frequency processor for performing radio processing so that the uplink frame is transmitted according to the transmit power determined by the transmit power controller.



(54) Title of the invention : ACTUATED PROSTHESIS FOR AMPUTEES

(51) International classification :A61F2/64; A61F2/68
 (31) Priority Document No :10/721,764
 (32) Priority Date :25/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/002035
 Filing Date :25/11/2004
 (87) International Publication No :WO 2005/051248
 (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)VICTHOM HUMAN BIONICS INC.Address of Applicant :4780, RUE SAINT-FELIX, BUREAU 105,
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(72)Name of Inventor :

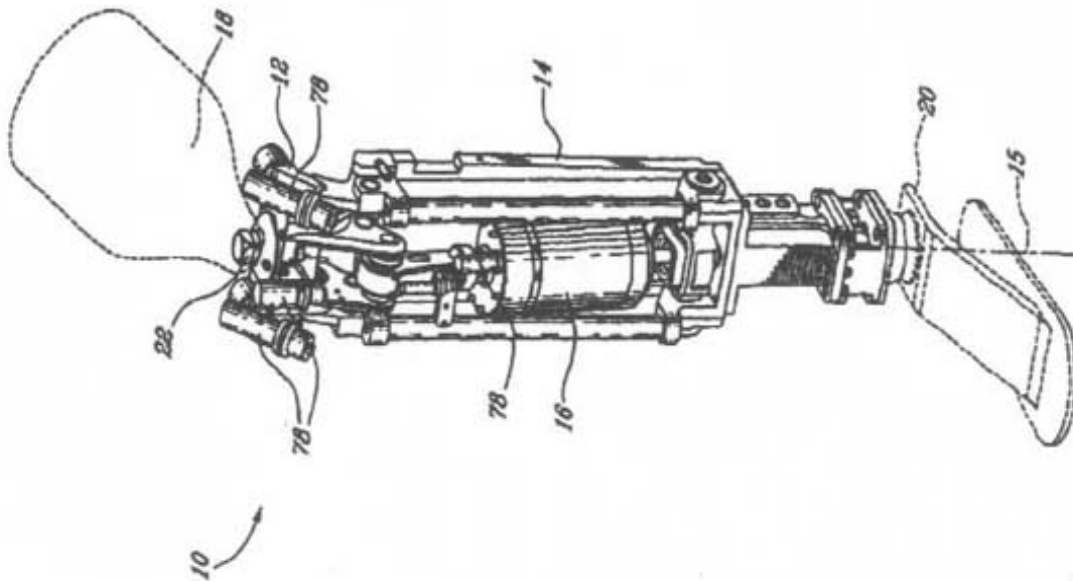
1)BEDARD, STEPHANE**2)ROY, PIERRE-OLIVER**

No of Pages : 42

No of Claims : 34

(57) Abstract :

The actuated leg prosthesis comprises a knee member, a socket connector provided over the knee member, an elongated trans-tibial member having a bottom end under which is connected an artificial foot, and a linear actuator. A first pivot assembly allows to operatively connect the trans-tibial member to the knee member. A second pivot assembly allows to operatively connect an upper end of the actuator to the knee member. A third pivot assembly allows to operatively connect a bottom end of the actuator to the bottom end of the trans-tibial member. The prosthesis can be provided as either a front actuator configuration or a rear actuator configuration.



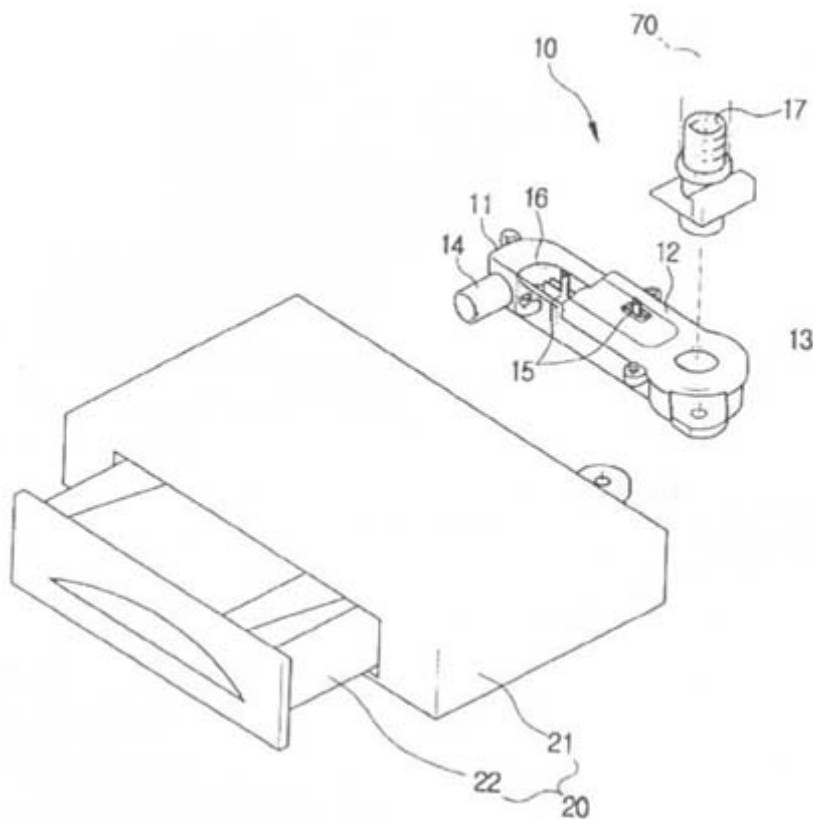
(51) International classification	:D06F35/00; D06F39/00	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD.
(31) Priority Document No	:10-2003-0089130	Address of Applicant :416, MAETAN-DONG YEONGTONG-GU
(32) Priority Date	:09/12/2003	SUWON-SI GYEONGGI-DO 442-742 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2004/000875	1)LEE YOUNG SU
Filing Date	:16/04/2004	
(87) International Publication No	:WO/2005/056908	
(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 : 8

(57) Abstract :

A washing machine comprising a tub, a water supply unit for supplying water to the tub and a silver solution supply device for supplying a silver solution to the tub, wherein the silver solution supply device includes a housing provided with an inlet and an outlet, a water feed unit for connecting the inlet of the housing and the water supply unit of the washing machine, two silver members installed in the housing and ionized by the electrolysis, and a current speed reduction member positioned between an end of the silver member located at the outlet and the outlet of the housing. The current speed reduction member reduces the current speed of the wash water supplied to the silver solution supply device and changes the current of the wash water, thereby allowing the silver members to be sufficiently ionized and providing sufficient antibiotic and bactericidal effects.



(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CLOTHES WASHING MACHINE

(51) International classification	:D06F 39/08
(31) Priority Document No	:2003-89133
(32) Priority Date	:09/12/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/000816
Filing Date	:08/04/2004
(87) International Publication No	:WO 2005/056906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

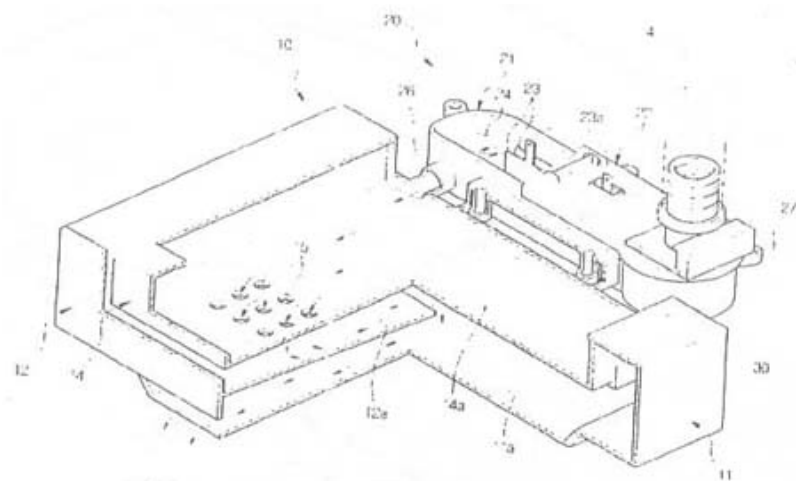
(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
 Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU,
 SUWON-SI, GYEONGGI-DO, Republic of Korea
 (72)Name of Inventor :
1)LEE YOUNG SU

No of Pages : 17

No of Claims : 11

(57) Abstract :

A washing machine includes a colloidal silver maker and a detergent feeder which are integrated with each other, thus enhancing assembly and reliability of the washing machine. The colloidal silver maker includes a silver ion casing, a lid, and a pair of silver plates. An outlet pipe and a connecting part are provided on predetermined portions of the silver ion casing. The outlet pipe is integrated with an inlet of the detergent feeder, and the connecting part integrally connects the colloidal silver maker to the detergent feeder. Thus, the colloidal silver maker is integrated with the detergent feeder while the silver ion casing of the colloidal silver maker communicating with the detergent feeder. The silver plates are placed in the silver ion casing while being supported by the lid. Further, at least one spacing projection is upwardly projected from a bottom of the silver ion casing to be provided between the silver plates.



(54) Title of the invention : ADAPTIVE DIVERSITY ANTENNA SYSTEM

(51) International classification :H04B 1/06,H04Q 7/20
 (31) Priority Document No :60/531,943
 (32) Priority Date :23/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040808
 Filing Date :07/12/2004
 (87) International Publication No :WO 2005/065122
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

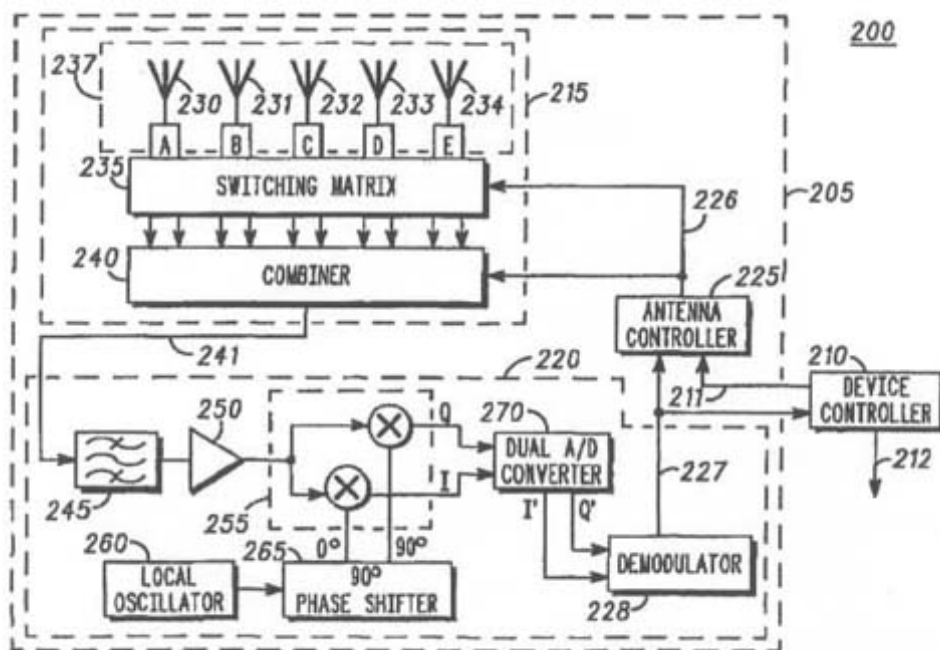
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, IL 60196 U.S.A.
 (72)Name of Inventor :
1)STRATIS GLAFKOS
2)EMRICK RUDY M
3)CORRAL CELESTINO A
4)EMAMI SHAHRIAR
5)SIBECAS SALVADOR

No of Pages : 21

No of Claims : 11

(57) Abstract :

An antenna system (205) includes an antenna structure (215), a receiver (220), and an antenna system controller (225). The antenna structure includes an arrangement of antennas (237), a signal combiner (240), and a switching matrix (235). The arrangement of antennas is designed to have a set of antenna element separations that are optimized to provide lowest correlation coefficients of intercepted radio signals for a corresponding set of electromagnetic environment types that vary from a very low density scattering environment to a maximum density scattering environment. The antennas (230), (231), (232), (233), (234) in the antenna arrangement each include at least one element that has a common polarization. There is at least one antenna that is a dual polarized antenna. The antenna system selects an antenna element pair that corresponds to the environment type which it is operating and thereby receives a best combined signal.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1428/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMPOSITION HAVING LIVER FUNCTION PROTECTIVE EFFECT

(51) International classification	:A23K 1/16 ;A23L 1/30	(71) Name of Applicant : 1)KANEKA CORPORATION Address of Applicant :2-4, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 5308288 Japan
(31) Priority Document No	:2003-398485	(72) Name of Inventor :
(32) Priority Date	:28/11/2003	1)KUBO, HIROSHI
(33) Name of priority country	:Japan	2)FUJII, KENJI
(86) International Application No	:PCT/JP2004/016485	3)HOSOE, KAZUNORI
Filing Date	:29/10/2004	
(87) International Publication No	:WO 2005/051370	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 22

(57) Abstract :

It is intended to provide a composition having effects of protecting liver functions and preventing disorders against liver function disorders caused by various factors and being excellent in safety. It is found out that oxidized coenzyme Q has a liver function protective effect without containing selenium and that reduced coenzyme Q has a stronger liver function protective effect. Namely, liver functions can be protected by using a composition which contains, as the main component, oxidized coenzyme Q containing less than 0.01% by weight of selenium or reduced coenzyme Q. Thus, a composition having a high safety and exhibiting an excellent effect contributing health maintenance can be provided.

(54) Title of the invention : AN IMPROVED CONTINUOUSLY VARIABLE TRANSMISSION DEVICE

(51) International classification :F16H15/50;F16H15/52
 (31) Priority Document No :0326596.4
 (32) Priority Date :14/11/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/004764
 Filing Date :11/11/2004
 (87) International Publication No :WO 2005/052409
 (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)ORBITAL TRACTION LTD.

Address of Applicant :100D, LECIESTER ROAD, HINKLEY, LEICESTERSHIRE, LE10 1LU U.K.

(72)Name of Inventor :

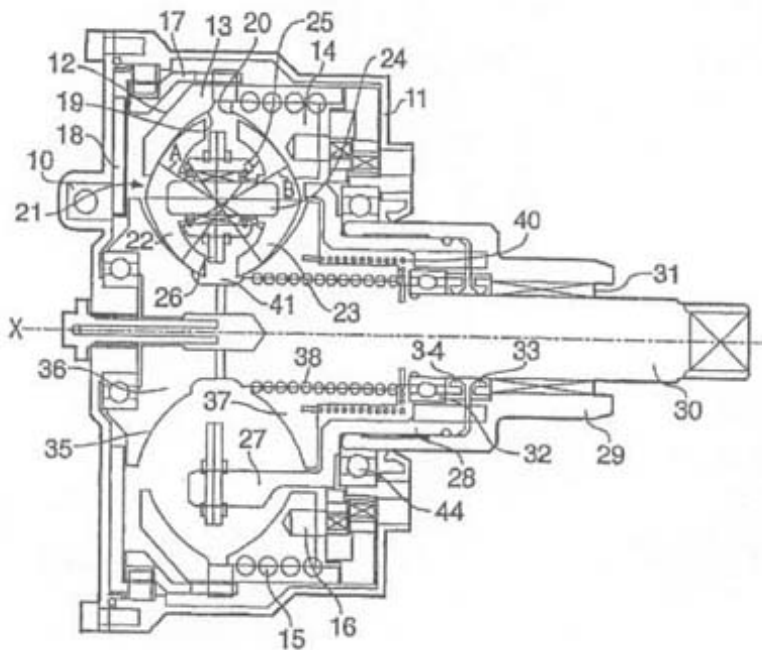
1)MILNER, PETER, JAMES

No of Pages : 20

No of Claims : 10

(57) Abstract :

A continuously variable transmission device has planetary members (23) in rolling contact with radially inner and outer races (12, 14; 36, 37) each comprising axially spaced relatively axially movable parts, and control means (18) for determining the axial separation of the parts (12, 14) of one of the two races, in which the planetary members (23) are connected for drive transmission to an input or output member (30) of the transmission device by connection means which allows the radial position of the planets to vary in response to variation in the axial separation of the parts (12, 14) of the said one of the two races (37), and in which the generatrix of the curved surface (70, 71) of at least one of the races (37) and/or planetary members (23) is non-circular.



(54) Title of the invention : RFID SEAL TAG

(51) International classification	:G06K19/02
	:G06K19/04
(31) Priority Document No	:200307774-0
(32) Priority Date	:24/12/2003
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2004/000389
Filing Date	:01/12/2004
(87) International Publication No	:WO/2005/062247
(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)SINGAPORE TECHNOLOGIES LOGISTICS PTE LTD.Address of Applicant :5 CLEMENTI LOOP, SINGAPORE 129816
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(72)Name of Inventor :

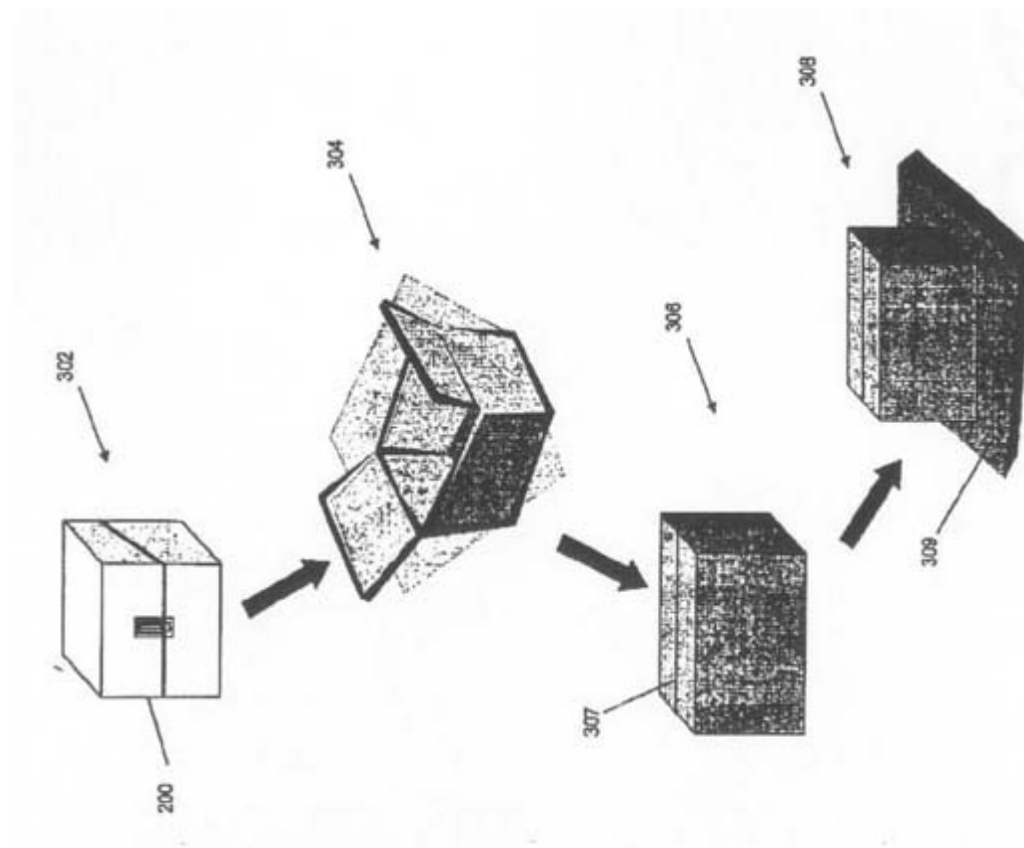
1)KOH, SOO, KEONG

No of Pages : 21

No of Claims : 17

(57) Abstract :

An RFID tag (400) adapted for use as a tamper-evident seal. The tag includes an RFID transponder having an integrated circuit chip (402) and an antenna (404) connected to the integrated circuit chip. When intact, the RFID transponder is able to communicate with an RFID interrogator device. The tag further includes a line of weakness (412, 414, 416, 418), such as a line of perforations, extending across at least a portion of the antenna or between the antenna and the integrated circuit chip. When the tag is broken along the line of weakness the RFID transponder is rendered unable to communicate with the RFID interrogator device.



(54) Title of the invention : MESO-MICROELECTROMECHANICAL SYSTEM HAVING A GLASS BEAM AND METHOD FOR ITS FABRICATION

(51) International classification :G02B 26/08;H02N 1/00
 (31) Priority Document No :60/531,961
 (32) Priority Date :23/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/043415
 Filing Date :22/12/2004
 (87) International Publication No :WO/2005/062950
 (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)MOTOROLA,INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.

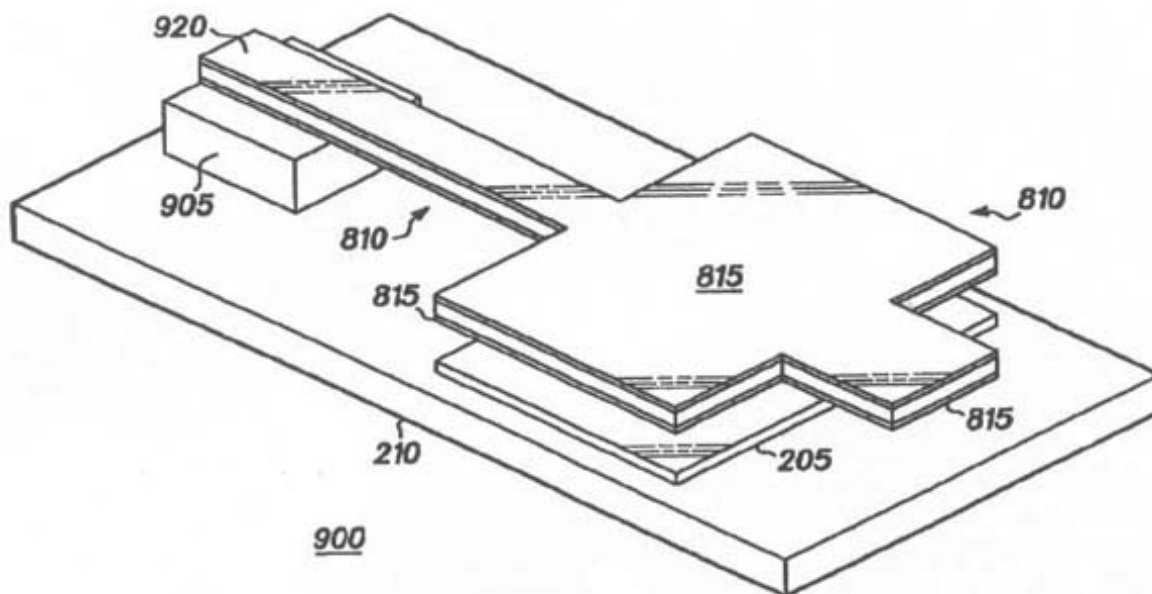
(72)Name of Inventor :
1)SAVIC JOVICA
2)ELIACIN MANES
3)LIU JUNHUA
4)TUNGARE AROON V

No of Pages : 23

No of Claims : 10

(57) Abstract :

A meso-electromechanical system (900, 1100) includes a substrate (215), a standoff (405, 1160) disposed on a surface of the substrate, a first electrostatic pattern (205, 1105, 1110, 1115, 1120) disposed on the surface of the substrate, and a glass beam (810). The glass beam (810) has a fixed region (820) attached to the standoff and has a second electrostatic pattern (815, 1205, 1210, 1215, 1220) on a cantilevered location of the glass beam. The second electrostatic pattern is substantially co-extensive with and parallel to the first electrostatic pattern. The second electrostatic pattern has a relaxed separation (925) from the first electrostatic pattern when the first and second electrostatic patterns are in a non-energized state. In some embodiments, a mirror is formed by the electrostatic materials that form the second electrostatic pattern. The glass beam may be patterned using sandblasting (140).



(54) Title of the invention : INSTRUMENTED PROSTHETIC FOOT

(51) International classification :A61F2/66; A61F2/68
 (31) Priority Document No :PCT/CA2003/001802
 (32) Priority Date :18/11/2003
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2003/011802
 Filing Date :18/11/2003
 (87) International Publication No :WO/2005/048887
 (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)VICTHOM HUMAN BIONICS INC.Address of Applicant :4780, RUE SAINT-FELIX, BUREAU 105,
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(72)Name of Inventor :

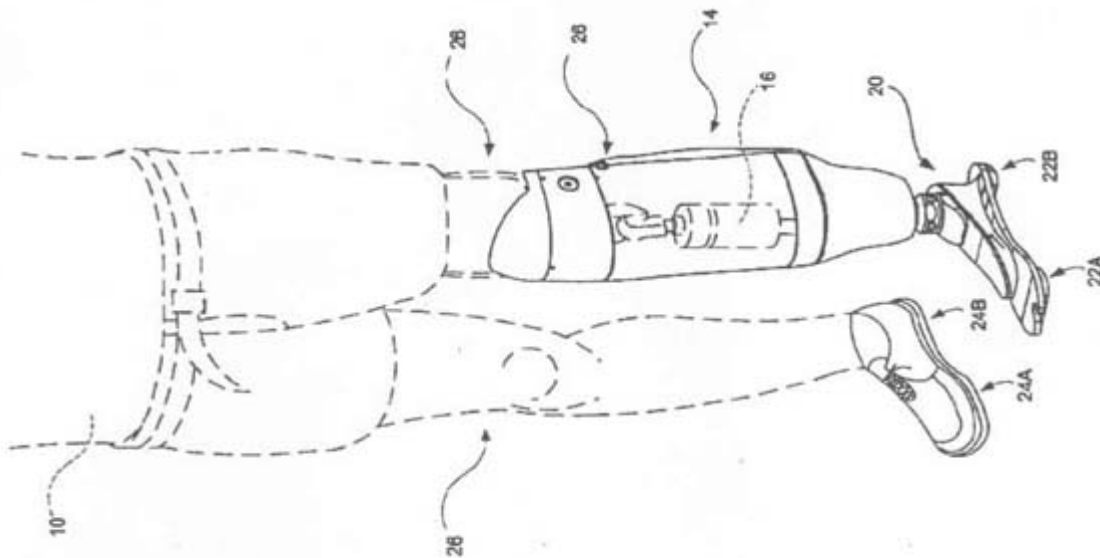
1)BEDARD, STEPHANE**2)ROY, PIERRE-OLIVER**

No of Pages : 31

No of Claims : 18

(57) Abstract :

The present application discloses an instrumented prosthetic foot (20) for use with an actuated leg prosthesis (14) controlled by a controller, the instrumented prosthetic foot (20) comprising a connector to connect the instrumented prosthetic foot (20) to the leg prosthesis (14), an ankle structure connected to the connector, a ground engaging member connected to the ankle, at least one sensor (22a, 22b, 24a, 24b, 26) for detecting changes in weight distribution along the foot, and an interface for transmitting signals from the sensor to the controller.



(54) Title of the invention : COLLOIDAL SILVER MAKER AND WASHING MACHINE HAVING THE SAME

(51) International classification :D06F 39/08
 (31) Priority Document No :2003-89132
 (32) Priority Date :09/12/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/000817
 Filing Date :08/04/2004
 (87) International Publication No :WO 2005/056907
 (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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Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea

(72)Name of Inventor :

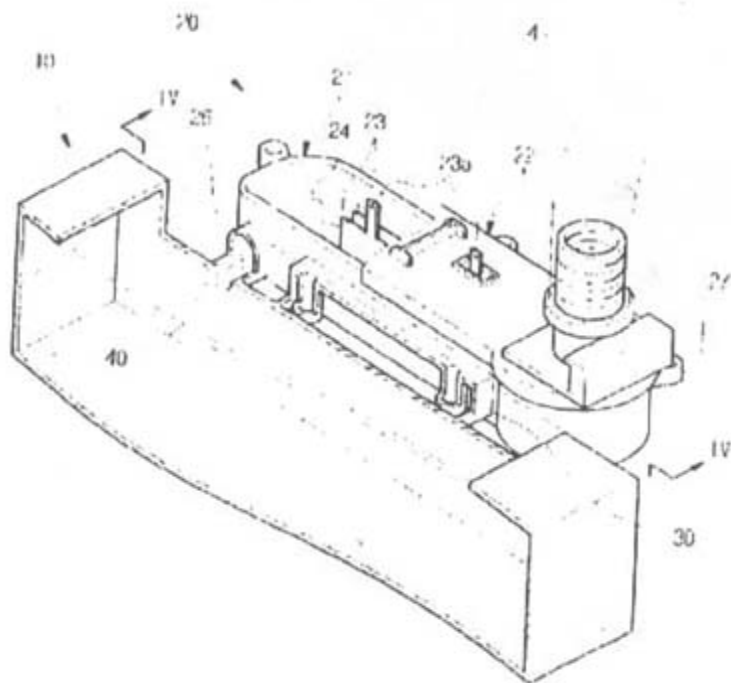
1)LEE YOUNG SU

No of Pages : 15

No of Claims : 12

(57) Abstract :

A washing machine with a colloidal silver maker is constructed so that there is no water in a silver ion casing when a water supply operation is stopped, thus preventing silver plates from corroding, and preventing impurities from being adhered to the silver plates. The colloidal silver maker includes a silver ion casing, a lid, and a pair of silver plates. An outlet hole is provided on a surface of the silver ion casing to extend from a lower end toward an upper end of the silver ion casing. In this case, the outlet hole has a shape of an ellipse, and is provided so that a height thereof is greater than a width thereof. Further, a height of the silver ion casing and the height of the outlet hole are in a ratio of about 3:2. Such an outlet hole prevents wash water from remaining in the silver ion casing after the water supply operation is stopped, and allows silver ions of a proper concentration to be added to the wash water.



(54) Title of the invention : DUAL MODE DISPLAY

(51) International classification :G02B27/44
 :G02B7/02
 (31) Priority Document No :60/531,720
 (32) Priority Date :22/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042532
 Filing Date :17/12/2004
 (87) International Publication No :WO/2005/064383
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

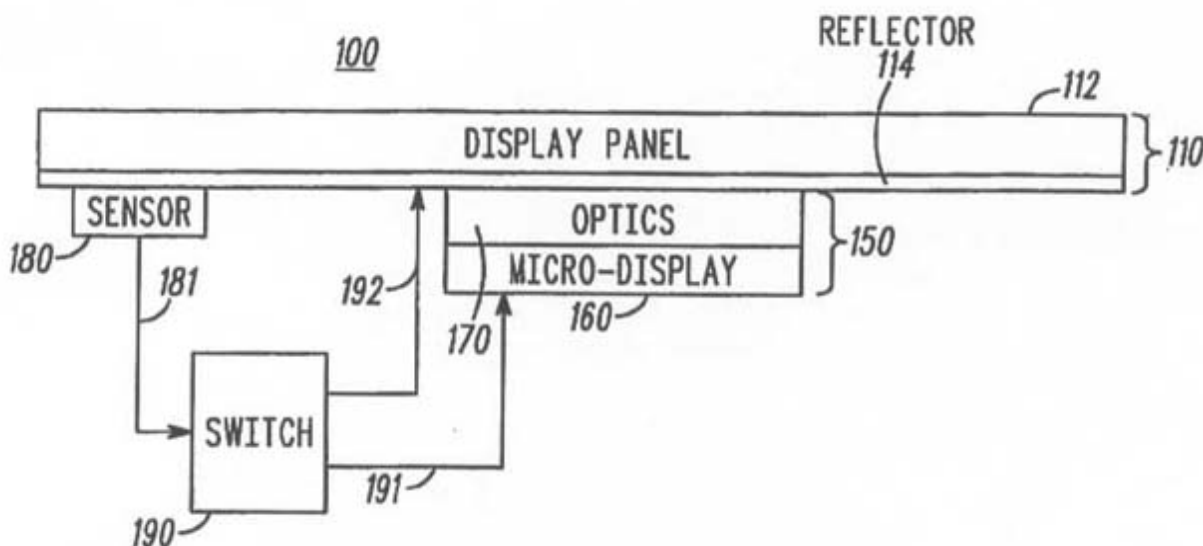
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)VALLIATH GEORGE T
2)LI ZILI

No of Pages : 13

No of Claims : 9

(57) Abstract :

A dual mode display (100) includes a monochrome reflective direct view display (110) and a full color virtual display (150) located behind the monochrome reflective direct view display. The monochrome reflective direct view display includes a display panel (112) having a first pixel arrangement and a narrowband reflector (114) located behind the display panel. The virtual display has a second pixel arrangement, wherein each pixel emits light in one of three primary color bands through the monochrome reflective direct view display, and wherein the light emitted by each pixel, in combination with light emitted by other pixels of the virtual display, generates a full color virtual image from the dual mode display. In one embodiment the virtual display is a virtual high information content display and the three primary color bands (205, 210, 215) do not overlap a first color band of the narrowband reflector (220).



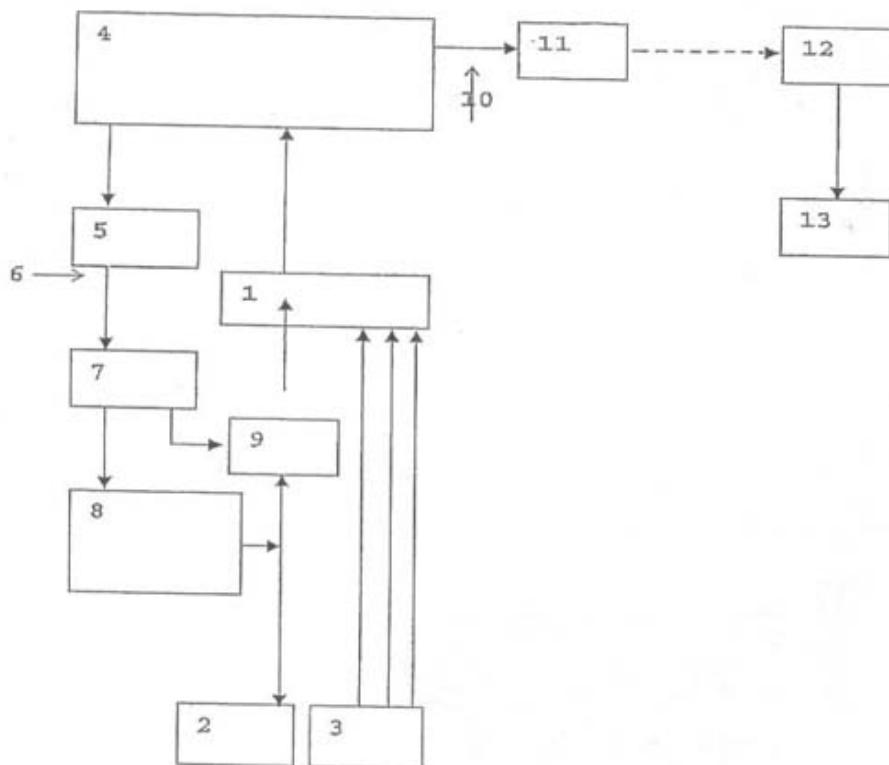
(51) International classification	:A61N 1/05 ;A61N 1/06	(71)Name of Applicant :
(31) Priority Document No	:103 55 652.4	1)FORSCHUNGSZENTRUM JULICH GMBH
(32) Priority Date	:28/11/2003	Address of Applicant :WILHELM-JOHNEN-STRASSE, 52425
(33) Name of priority country	:Germany	JULICH Germany
(86) International Application No	:PCT/DE2004/002336	(72)Name of Inventor :
Filing Date	:20/10/2004	1)TASS, PETER
(87) International Publication No	:WO/2005/053787	2)POPOVYCH, OLEKSANDR
(61) Patent of Addition to Application Number	:NA	3)HAUPTMANN, CHRISTIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 78

No of Claims : 75

(57) Abstract :

The invention relates to a device for desynchronising neuronal, morbidly synchronous cerebral activity. According to the invention, the activity in at least two sub-sections of a cerebral area or at least two functionally allied cerebral areas is stimulated with the aid of at least two electrodes, which surprisingly causes a desynchronisation in the affected neurone population of an afflicted person, thus suppressing the symptoms. The stimulation feedback signal, i.e. the measured, time-delayed and processed neuronal activity is used as the individual stimulus. The invention thus permits a self-regulating demand control of the amplitude of the stimulation signal, whereby the intensity of the stimulation pulses are automatically minimised after successful desynchronisation. To operate successfully, the device requires neither complex calibration nor regulation of the stimulation parameters, the latter however can be advantageously adapted and optimised by the additional controller. Said device comprises at least two stimulating electrodes (2) and at least one sensor (3), which are controlled by a controller in such a way that they cause localised desynchronisation.



(21) Application No.1436/KOLNP/2006 A

(43) Publication Date : 04/05/2007

(22) Date of filing of Application :29/05/2006

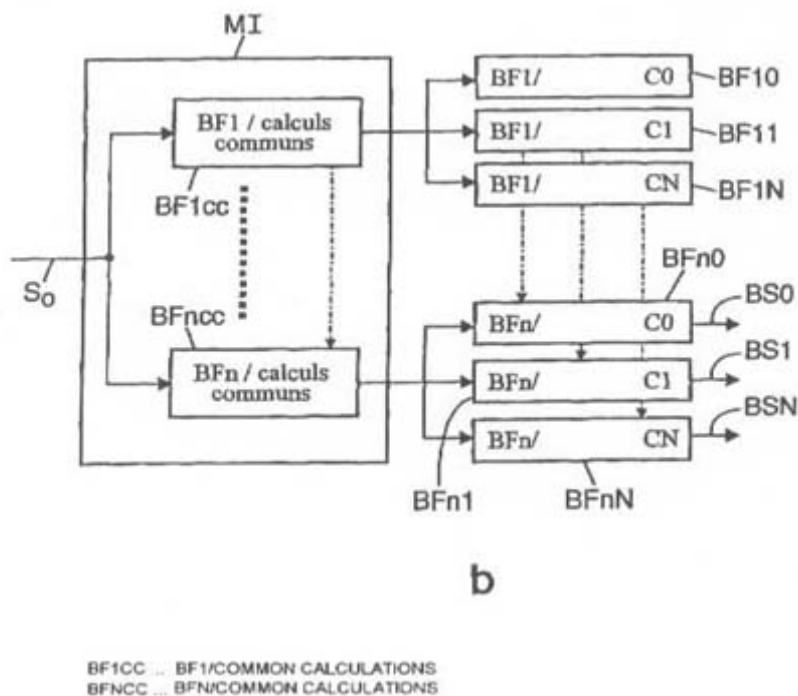
(54) Title of the invention : OPTIMIZED MULTIPLE CODING METHOD

(71)Name of Applicant :
1)FRANCE TELECOM
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(72)Name of Inventor :
1)VIRETTE DAVID
2)LAMBLIN CLAUDE
3)BENJELLOUN TOUMI ABDELLATIF

No of Claims : 26

The invention relates to the compression coding of digital signals such as multimedia signals (audio or video), and more particularly a method for multiple coding, wherein several encoders each comprising a series of functional blocks receive an input signal in parallel. According to the invention, a) the functional blocks (BF10, , BF_NN) forming each encoder are identified, along with one or several functions carried out of each block, b) functions which are common to various encoders are itemized and c) said common functions are carried out definitively for a part of at least all of the encoders within at least one same calculation module. (BF1CC, , BF_NCC).



(54) Title of the invention : TRANSCODING BETWEEN THE INDICES OF MULTIPULSE DICTIONARIES USED FOR CODING IN DIGITAL SIGNAL COMPRESSION

(51) International classification :G10L19/12;G10L19/14
 (31) Priority Document No :0314489
 (32) Priority Date :10/12/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/003008
 Filing Date :24/11/2004
 (87) International Publication No :WO 2005/066936
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

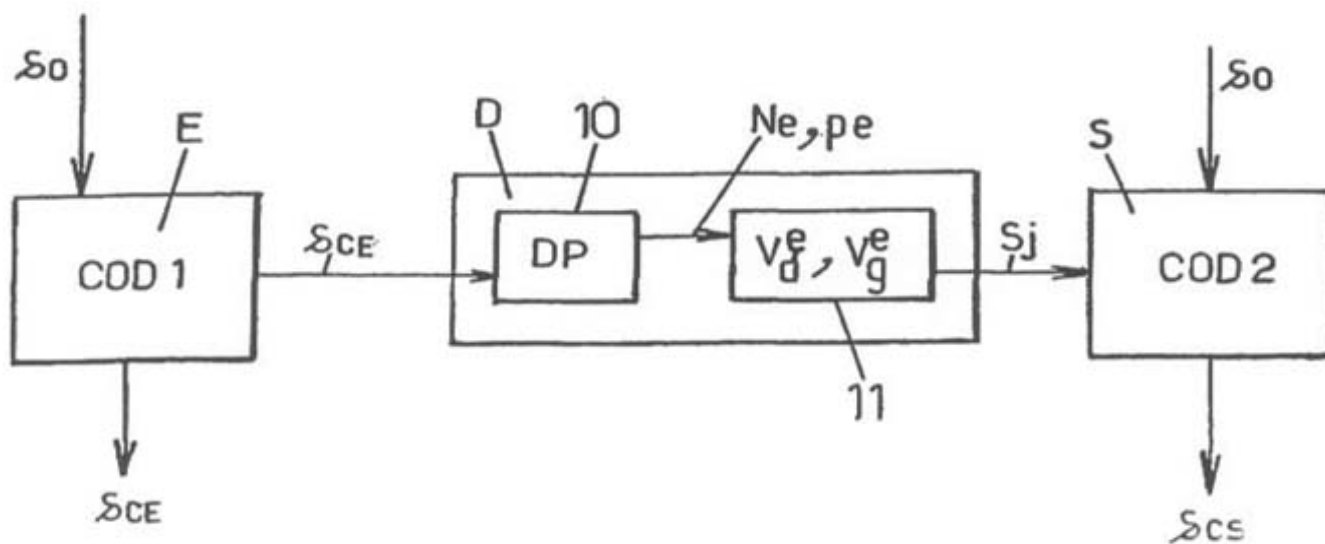
(71)Name of Applicant :
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 (72)Name of Inventor :
1)LAMBLIN CLAUDE
2)GHENANIA MOHAMED

No of Pages : 53

No of Claims : 23

(57) Abstract :

The invention relates to compression transcoding between pulse encoders using multipulse dictionaries wherein each pulse has a position which is localized by an index. For each current pulse position provided by the first encoder, a neighborhood (Vg, Vd) is formed around said position. positions of pulses in a set consisting of a union of neighborhoods are selected according to the positions of pulses admitted by the second encoder. The second encoder finally receives said selection (sj), involving a reduced number of pulse positions in relation to the total number of pulses of the dictionary of the second encoder.



(54) Title of the invention : HIGH IMPACT STRENGTH, ELASTIC, COMPOSITE, FIBRE, METAL LAMINATE

(51) International classification :B32B 15/08;F41H 5/04
 (31) Priority Document No :2004900201
 (32) Priority Date :19/01/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001004
 Filing Date :29/07/2004
 (87) International Publication No :WO/2005/068176
 (61) Patent of Addition 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 :CREEDA BUSINESS CENTRE 2 LANSELL CRT. WANNIASSA, ACT 2903 Australia

(72)Name of Inventor :

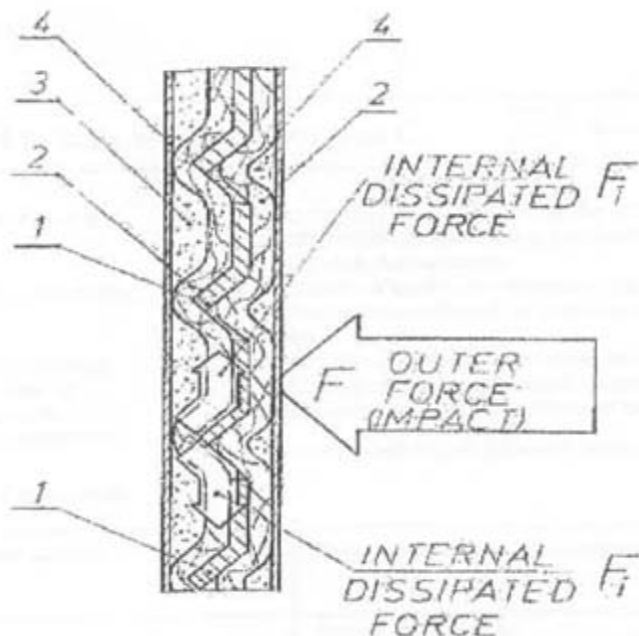
1)MUSAFFENDIC, Jasko

No of Pages : 18

No of Claims : 30

(57) Abstract :

A damage resistant, high impact strength, elastic, composite, fibre, metal laminate structure, having (4) first and (4) second outer face layers (2) first and (2) second plies being located between the first and second outer layers, (1) a dissipating element located between the first and second plies, wherein the dissipating element is adapted to dissipate and redirect, randomly directed local active loading applied to at least one of the two outer surface, to loading directed in the longitudinal axis (tensile) of the first and second ply; and a polymer matrix between (2) and (4).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1439/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MODIFICATION OF PROTEIN GLYCOSYLATION IN METHYLOTROPHIC YEAST

(51) International classification	:C12N15/81; C12N15/81	(71) Name of Applicant : 1)RESEARCH CORPORATION TECHNOLOGIES, INC. Address of Applicant :101 North Wilmot Road Suite 600 Tucson, Arizona 85711-3335 U.S.A.
(31) Priority Document No	:10/713,370	(72) Name of Inventor :
(32) Priority Date	:14/11/2003	1)ROLAND CONTRERAS
(33) Name of priority country	:U.S.A.	2)NICO L.M. CALLEWAERT
(86) International Application No	:PCT/US04/037936	3)WOUTER VERVECKEN
Filing Date	:12/11/2004	4)VLADIMIR KAIGORODOV
(87) International Publication No	:WO/2005/049807	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 42

(57) Abstract :

The present invention relates to methods and genetically engineered methylotrophic yeast strains for producing glycoproteins with mammalian-like glycosylation. The present invention also relates to vectors useful for generating methylotrophic yeast strains capable of producing glycoproteins with mammalian-like glycosylation. Glycoproteins produced from the genetically engineered methylotrophic yeast strains are also provided

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1440/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING UNSATURATED COMPOUNDS

(51) International classification	:C11B 3/10
(31) Priority Document No	:MI 2003A 002247
(32) Priority Date	:19/11/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP04/013115
Filing Date	:18/11/2004
(87) International Publication No	:WO/2005/049772
(61) Patent of Addition 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)BRUZESE, Tlberlo

No of Pages : 20

No of Claims : 38

(57) Abstract :

The present invention relates to a process for the preparation of a composition comprising unsaturated compounds, in particular polyunsaturated compounds, which comprises concentrating and purifying the compounds by contact with silicon and/or aluminum derivatives. The process of the invention represents an advantageous substitute of the usual distillation processes, coupled or not to chromatographic processes, and allows to isolate and remove polar byproducts.

(54) Title of the invention : SWITCHING DEVICE

(51) International classification :H01H71/02;
H01H71/02
(31) Priority Document No :10356271.0
(32) Priority Date :28/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/012387
Filing Date :02/11/2004
(87) International Publication No :WO/2005/062333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

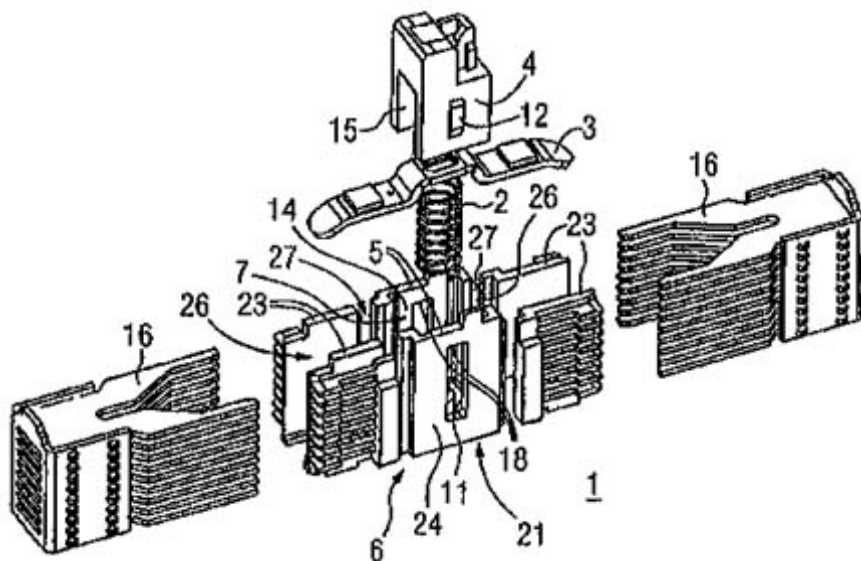
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN Germany
(72)Name of Inventor :
1)Rudolf Kinzler
2)Ludwig Niebler
3)Anton Scharf

No of Pages : 16

No of Claims : 15

(57) Abstract :

The invention relates to a switching device comprising a switching structure (1) that consists of a cage assembly (24) with two opposing first lateral walls (5) and a base wall (6) that connects said walls, forming one piece. The cage assembly (24) is configured at least partially as a cage (21), in which a slide (4) is displaceably mounted. According to the invention, a displaceable contact bridge (3), which is allocated to fixed contacts, is retained in an opening (15) of the slide (4) by the action of a contact compression spring (2). Clearance (26) is provided between the two first lateral walls (5) to permit the displacement of the contact bridge (3) and the device is equipped with a stop (18) for retaining the slide (4). Switching chambers (7), configured from insulating second lateral walls (23), form part of the switching structure (1). The second lateral walls (23) delimit a volume, which contains the circuit breaking electric arcs and said second lateral walls (23) are located on opposite sides of the cage assembly (24) that surrounds the cage (21) and are separated from said cage by a respective gap (27).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : HIGH THROUGHPUT FUNCTIONAL ASSAY FOR G-PROTEIN COUPLED RECEPTORS USING A RAP-RAS CHIMERIC PROTEIN

(51) International classification	:C07K14/47; C07K14/82	(71)Name of Applicant : 1)ACADIA PHARMACEUTICALS INC. Address of Applicant :3911 Sorrento Valley Road, San Diego, CA 92121 U.S.A.
(31) Priority Document No	:60/517,143	(72)Name of Inventor :
(32) Priority Date	:03/11/2003	1)BURSTEIN, ETHAN S.
(33) Name of priority country	:U.S.A.	2)PIU, FABRICE
(86) International Application No	:PCT/US04/036595	3)MA, JIAN-NONG
Filing Date	:02/11/2004	4)WEISSMAN, JACQUES, THOMAS
(87) International Publication No	:WO/2005/042574	5)WEINER, DAVID, M.
(61) Patent of Addition to Application Number	:NA	6)SCULLY, AUDRA, L.
Filing Date	:NA	7)NASH, NORMAN
(62) Divisional to Application Number	:NA	8)SPALDING, TRACY
Filing Date	:NA	9)CURRIER, EPIKA

No of Pages : 31

No of Claims : 30

(57) Abstract :

Disclosed herein are methods for enabling or improving functional assays of G-protein coupled receptors through the use of co-expression of helper genes. In some cases, chimeras linking the regulatory domain of the rap1B protein to the effector region of the ras oncogene are used in conjunction with existing functional assays for cellular proliferation. Furthermore, overexpression of other genes can further augment the enabling properties of ras/rap chimeras.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1443/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : QUINOLINES USEFUL IN TREATING CARDIOVASCULAR DISEASE

(51) International classification :C07D 215/14
(31) Priority Document No :60/529,009
(32) Priority Date :12/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/041399
Filing Date :10/12/2004
(87) International Publication No :WO/2005/058834
(61) Patent of Addition 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)SINGHAUS, ROBERT, R. JR.

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4)JETTER, JAMES, W

5)MORRIS ROBERT, L.

6)KAUFMAN, DAVID, H.

7)MILLER, CHRISTOPHER, P.

8)ULLRICH, JOHN W.

9)UNWALLA, RAYOMAND J.

10)WROBEL, JAY, E.

11)QUINET, ELAINE

12)NAMBI, PONNAL

13)BERNOTAS, RONALD, C.

14)ELLOSO, MERLE

No of Pages : 402

No of Claims : 31

(57) Abstract :

This invention provides compounds of formula (I) that are useful in the treatment or inhibition of LXR mediated diseases.

(54) Title of the invention : COMPOSITIONS, METHODS AND DETECTION TECHNOLOGIES FOR REITERATIVE OLIGONUCLEOTIDE SYNTHESIS

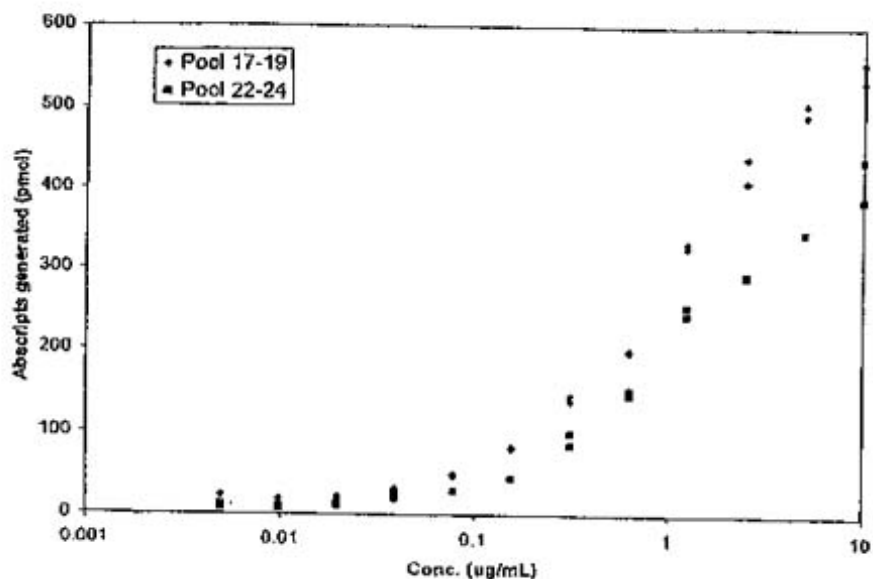
(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:60/514,908	1)RIBOMED BIOTECHNOLOGIES, INC.
(32) Priority Date	:29/10/2003	Address of Applicant :714 EAST VAN BUREN, SUITE 100,
(33) Name of priority country	:U.S.A.	PHOENIX, AZ 85006 (AN ARIZONA CORPORATION) U.S.A.
(86) International Application No	:PCT/US2004/035740	(72)Name of Inventor :
Filing Date	:29/10/2004	1)HANNA, MICHELLE, M
(87) International Publication No	:WO 2005/042709	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 136

No of Claims : 44

(57) Abstract :

The present invention provides methods for detecting the presence of a molecule of interest by generating multiple detectable oligonucleotides through reiterative enzymatic oligonucleotide synthesis events on a polynucleotide sequence and detecting said products. The invention also provides for methods of multiplex abortive transcription. In a further aspect, the invention provides for the use of dendrimers containing abortive promoter cassettes. In one aspect, the invention provides for abortive promoter cassettes suitable for use in the present invention. In one aspect the products of abortive transcription are detected with the use of mass spectrometry. In another aspect, the invention provides a method for detecting a target protein, DNA or RNA by generating multiple detectable RNA oligoribonucleotides by abortive transcription that are detected, including by mass spectrometry.



(54) Title of the invention : MOBILE EXTENSION TO SUPPORT PRIVATE HOME AGENTS

(51) International classification :G06F13/00;
G06F15/16
(31) Priority Document No :10/746,119
(32) Priority Date :24/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US200/043417
Filing Date :22/12/2004
(87) International Publication No :WO/2005/066811
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

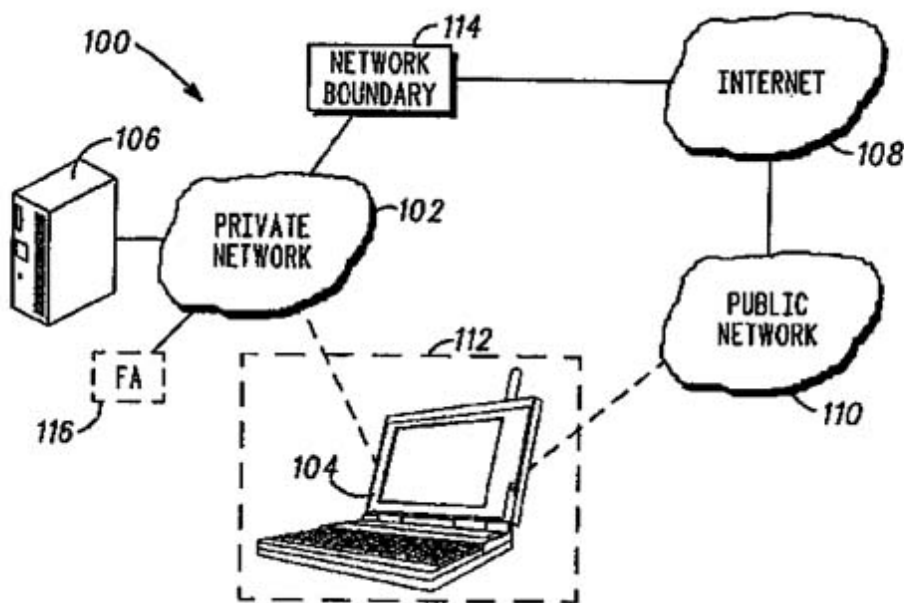
(71)Name of Applicant :
1)MOTOROLA, INC.
Address of Applicant :1303 EAST ALGONQUIN ROAD,
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(72)Name of Inventor :
1)ANANTHA, SWAMINATHAN
2)PAZHYANNUR, RAJESH S.

No of Pages : 38

No of Claims : 10

(57) Abstract :

A method and apparatus for a mobile device (104) to register with a private home agent (106), the method comprising the steps: generating (304) and sending (306) a registration request (700) addressed in the public network (110) to a public address of the private home agent, the request (700) adapted to initiate registration of the mobile device with the private home agent. The mobile device is located within a public network, but belongs to a private network (102) and has a private address. The private home agent is located in the private network and has both a private address and a public address. The request also indicates that the mobile device is in the public network. In preferred form, the request includes an extension (704) that provides this indication. The home agent receives and processes the request, then forwards an appropriate reply (800) back to the mobile device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1446/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : N-SUBSTITUTED BENZENE SULFONAMIDES

(51) International classification	:C07C 311/15
(31) Priority Document No	:60/515,612
(32) Priority Date	:29/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/035951
Filing Date	:29/10/2004
(87) International Publication No	:WO/2005/042489
(61) Patent of Addition 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)DAPPEN MICHAEL S.

3)MARUGG JENNIFER

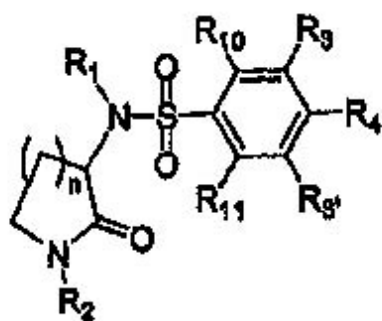
No of Pages : 201

No of Claims : 25

(57) Abstract :

Disclosed are N-substituted benzenesulfonamides for use in treating in treating or preventing cognitive disorders, such as Alzheimer"s Disease.

Formula (I) In formula (I), R₁, R₂, R₃, R₄, R₃", R₁₀ and R₁₁ are described herein. The invention also encompasses pharmaceutical compositions comprising compounds of Formula(I) as well as methods of treating cognitive using compounds of Formula (I).



(I)

(54) Title of the invention : METHOD FOR DYNAMIC GROUP CALL

(51) International classification :H04Q 7/38
 (31) Priority Document No :10/788,759
 (32) Priority Date :27/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002856
 Filing Date :02/02/2005
 (87) International Publication No :WO 2005/094095
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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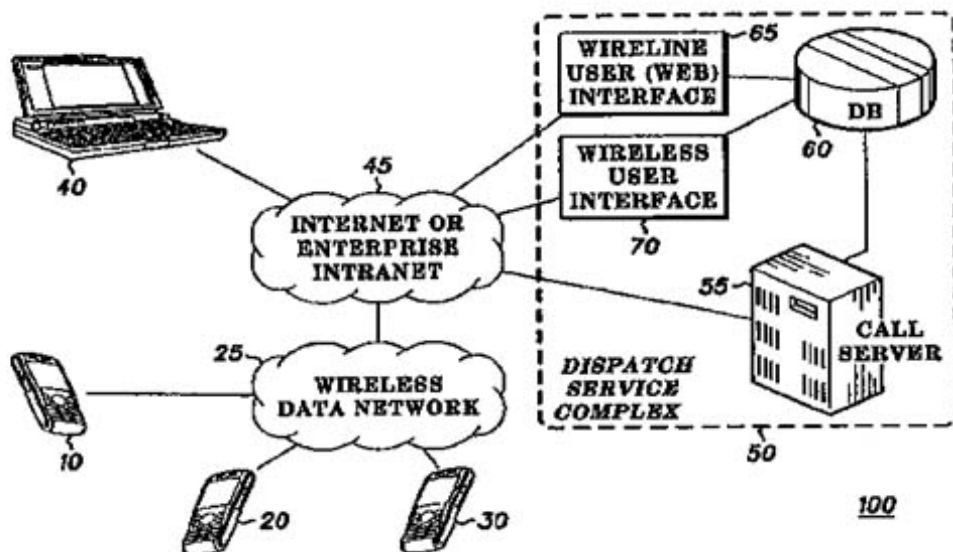
1)OXLEY, DEREK, A.**2)ALBAL, NANDAKISHORE, A.****3)LEAL-ISLA, GUSTAVO, A.****4)SCHAEFER, BRADLEY, A.****5)SHAUGHNESSY, MARK, L.**

No of Pages : 30

No of Claims : 20

(57) Abstract :

A method for providing dynamic group call among a group of users both wireless (10-30) and wireline (40) places the selectability of the call in the hands of an originating user (10). An originating user (10) may make a fixed number of entries (80). The originating user (10) can create a dynamic group call, add a group call list for later execution, add a member to the group call list, or create a dynamic group call list and immediately execute a group call (92). The method for dynamic group call also provides for selecting a time to live for each group call entry (81) in database (60). This parameter time to live is directly selectable by the originating user (167) or the server. In addition, any member to a previous or existing group call may rejoin or reestablish the dynamic group call (220).



(54) Title of the invention : ANTI-PANIC DOOR OPENING DEVICE

(51) International classification :E05B65/10
 :E05B63/00
 (31) Priority Document No :102004012323.3
 (32) Priority Date :11/03/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/002404
 Filing Date :08/03/2005
 (87) International Publication No :WO 2005/088043
 (61) Patent of Addition 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 :

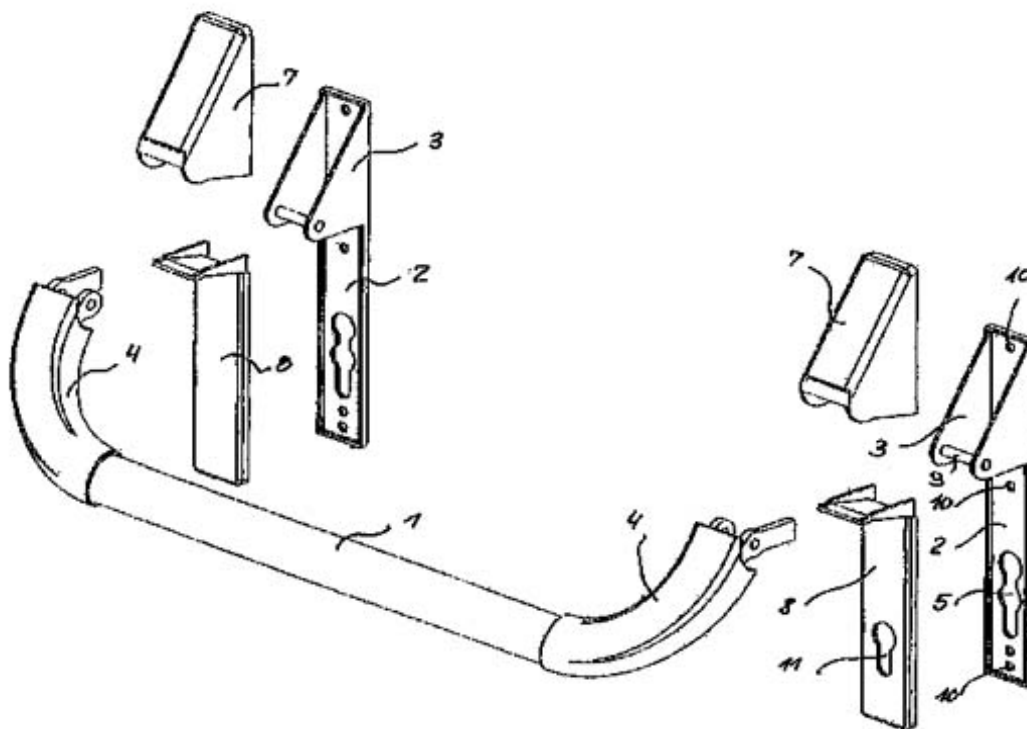
1)BECKER EGBERT HERRN

No of Pages : 13

No of Claims : 10

(57) Abstract :

The invention relates to a an anti-panic door opening device comprising a handle (1), which is pivotally mounted on a door. The upper area of a plate of a door lock is used for mounting, and a universal support (2) is provided on which a bracket (3) for mounting a coupling area (4) of the handle (1) is formed, and which is designed so that it fits differently dimensioned door locks that are to be used, and can be combined with at least one cover (7, 8).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : AN ARTIFICIAL INTELLEGEANCE AND DEVICE FOR DIAGNOSIS, SCREENING, PREVENTION AND TREATMENT OF MATERNO-FETAL CONDITIONS

(51) International classification	:A61B;
(31) Priority Document No	:60/526,313
(32) Priority Date	:02/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040423
Filing Date	:02/12/2004
(87) International Publication No	:WO 2005/055805
(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)ROTTEM, SHRAGA

No of Pages : 35

No of Claims : 30

(57) Abstract :

The present invention relates to a time-oriented artificial intelligence system to handle any diagnostic screening or treatment of complications or risks throughout pregnancy. A user can insert a problem or query relating to clinical case management during a pregnancy and receive case oriented output guiding the management of the case via at least one algorithm.

(54) Title of the invention : METHOD FOR EFFICIENT BEARER TRAFFIC ROUTING IN A COMMUNICATION SYSTEM

(51) International classification :H04L 1/00
 (31) Priority Document No :10/779,893
 (32) Priority Date :17/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002855
 Filing Date :02/02/2005
 (87) International Publication No :WO/2005/081772
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

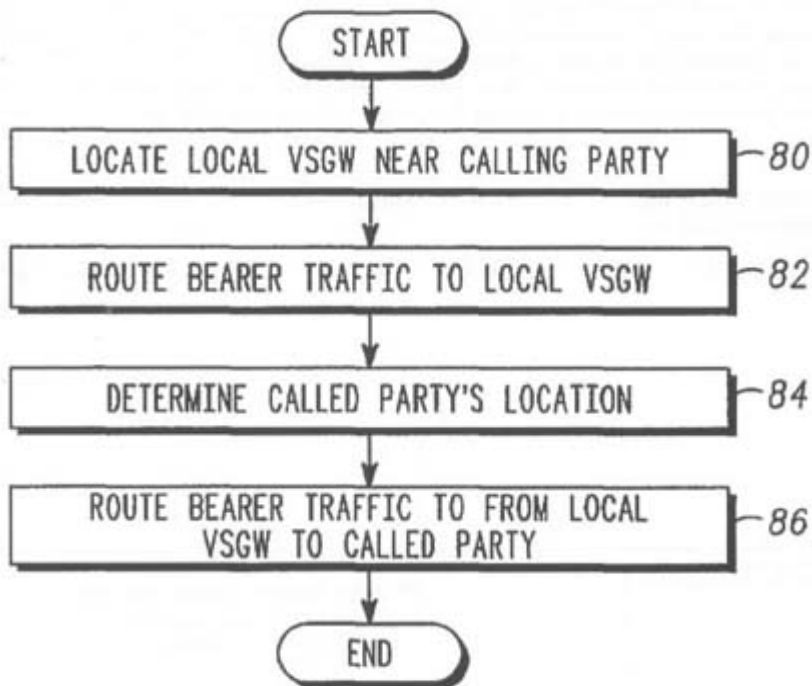
(71)**Name of Applicant :**
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG ILLINOIS 60196 U.S.A.
 (72)**Name of Inventor :**
1)XENAKIS, GEORGE
2)ALBAL, NANDKISHORE A.
3)ARMBRUSTER, PETER J.

No of Pages : 18

No of Claims : 20

(57) Abstract :

A method for routing bearer traffic (70) between 3G networks (32, 42) and 2G networks (12, 22) and vice versa uses voice signaling gateways (VSGW)(14, 24, 34, 44). The method determines a VSGW nearest the calling party (11). The nearest VSGW directly routes (86) the bearer traffic through the inter-network (50) to the called party (31) and avoids the "tromboning" effect of always sending bearer traffic to the called party's home location.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1451/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MACHINE FOR THE CONTINUOUS PRODUCTION FO WELDED WIRE MESH

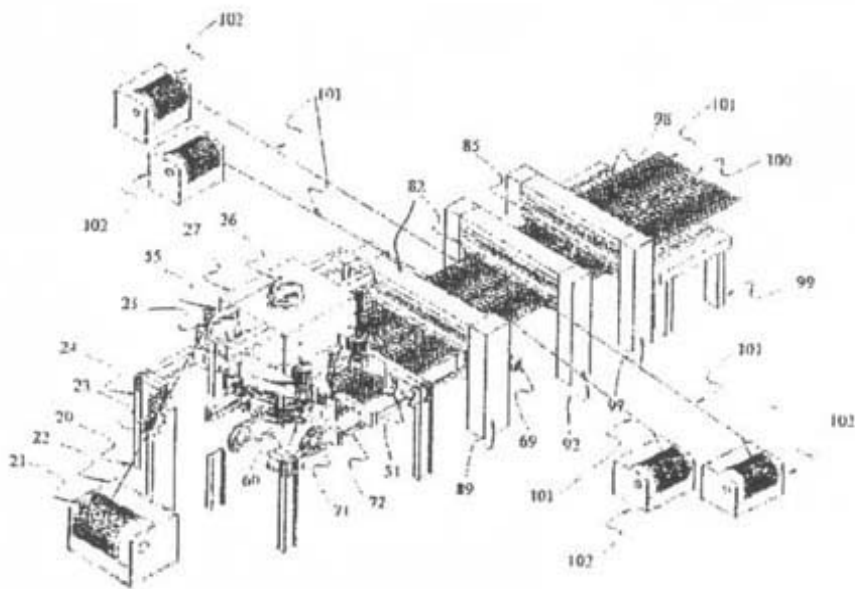
(51) International classification	:B21F 1/00;B21F 27/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/FR2003/003667	1)ISSA ISSAM
(32) Priority Date	:10/12/2003	Address of Applicant :10, RUE DES CORROYEURS, F-67200 STRASBOURG France
(33) Name of priority country	:France	2)KOUSSAIFI GHATTAS YOUSSEF
(86) International Application No	:PCT/FR2003/003667	(72)Name of Inventor :
Filing Date	:10/12/2003	1)KOUSSAIFI GHATTAS YOUSSEF
(87) International Publication No	:WO/2005/065863	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 82

No of Claims : 57

(57) Abstract :

The invention relates to a machine for the production of a continuous strip of wire mesh (100) using a single flexible metal wire (20) which is fed to the machine continuously. According to the invention, the mesh (100) is formed by repeating the same pattern with the metal wire in one plane, each pattern being stacked on the preceding pattern with a constant pitch offset in the axial direction of production. The inventive machine comprises: a metal wire storage stage; a stage for continuously supplying metal wire to the machine; a forming stage for shaping the wire into a succession of identical patterns; a transfer stage for successively moving said metal wire patterns to the mesh-forming plane; a stage for maintaining each pattern in one plane and for offsetting same by a constant pitch with the arrival of the following pattern; and a stage for fixing the patterns to one another. The invention also relates to the strip of mesh (100) thus formed and to the production method thereof.



(54) Title of the invention : MICROWAVE TRANSCEIVER UNIT FOR DETECTING THE LEVEL OF WASTE IN A FURNACE

(51) International classification :F23G 5/24 ;F23G 5/50
 (31) Priority Document No :159634
 (32) Priority Date :29/12/2003
 (33) Name of priority country :Israel
 (86) International Application No :PCT/IL2004/001106
 Filing Date :06/12/2004
 (87) International Publication No :WO 2005/064290
 (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 :

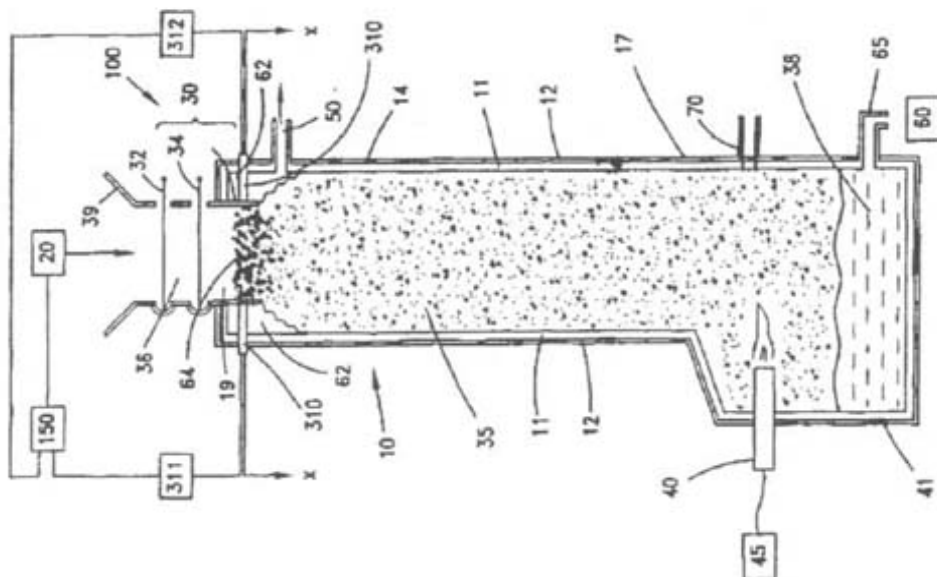
1)GNEDENKO, VALERI, G.**2)GORYACHEV, IGOR, V.****3)DMITRIEV, SERGIE, V****4)PEGAZ, DAVID**

No of Pages : 50

No of Claims : 27

(57) Abstract :

A microwave transceiver unit is for use in a shaft furnace is described. Two or more of the transceiver units are installed in the furnace and are used to determine the level of the waste in the shaft. Methods of using the transceiver units to determine the level of waste in the shaft of the furnace are also described.



(54) Title of the invention : GEOGRAPHY GAME SHOW

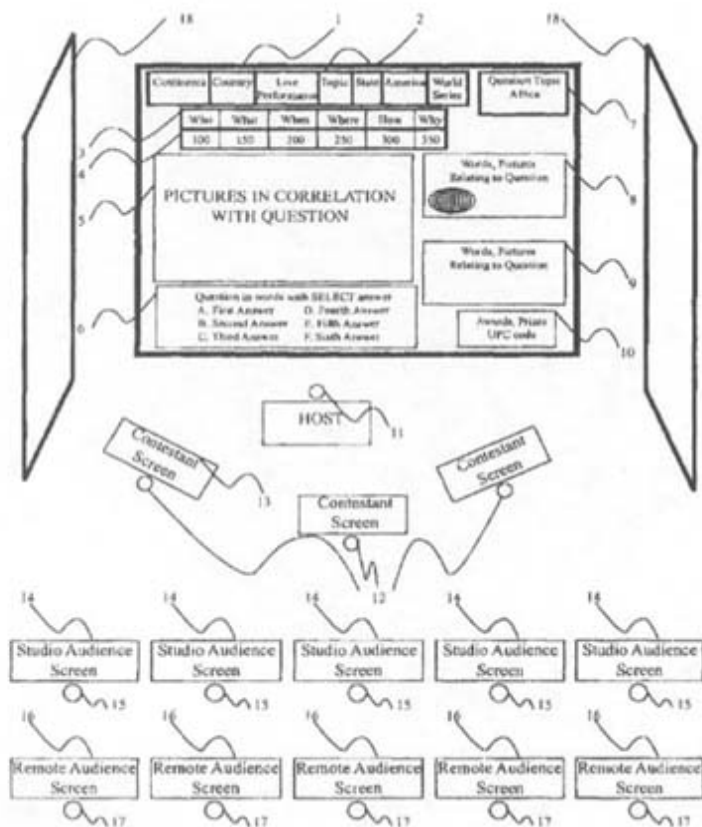
(51) International classification	:G06F 19/00	(71)Name of Applicant :
(31) Priority Document No	:10/719,274	1)MACHUGH, Garnet
(32) Priority Date	:21/11/2003	Address of Applicant :5 Spencer Court, Morris Plains, NJ 07950
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/035596	(72)Name of Inventor :
Filing Date	:26/10/2004	1)MCHUGH, Garnet
(87) International Publication No	:WO/2005/052729	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 15

(57) Abstract :

A multi-media geography game show allows real time participation of contestants, live show audience participants and remote TV viewers having Internet connections. Answers to questions related to geography provided within an allotted time period qualify participants for monetary or material rewards, together with learning credits. The learning credits may be converted to college credits by taking appropriate validation tests from accredited educational institutions that have made arrangements with the geography game show. The responses of contestants, live show audience participants and remote TV viewers, as well as the rewards and the learning credits, are electronically processed and appropriate credits are issued using print outs or magnetic media. FIGURE 1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1455/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : POLYMER PURIFICATION

(51) International classification	:C08J 3/03
(31) Priority Document No	:60/529,560
(32) Priority Date	:16/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/039577
Filing Date	:24/11/2004
(87) International Publication No	:WO/2005/061590
(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)SHEEHAN, Michael T.
2)SOUNIK, JAMES, R.

No of Pages : 24

No of Claims : 26

(57) Abstract :

Polymers derived from various monomers are purified by fractionalization of the crude polymers in a solvent/non solvent system via reverse precipitation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1456/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE TREATMENT OF NERVOUS SYSTEM DISORDERS

(51) International classification	:A61K31/55; A61K31/045; A61K31/135; A61K3	(71) Name of Applicant : 1)CNS RESPONSE Address of Applicant :2510 NORTH GRAND AVENUE, SUITE 206, SANTA ANNA CA 92705 U.S.A.
(31) Priority Document No	:10/697,497	(72) Name of Inventor :
(32) Priority Date	:30/10/2003	1)SUFFIN, STEPHAN
(33) Name of priority country	:U.S.A.	2)EMORY W. HAMIN
(86) International Application No	:PCT/US04/035559	3)BRANDT, LEONARD
Filing Date	:27/10/2004	
(87) International Publication No	:WO/2005/044190	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 139

No of Claims : 4

(57) Abstract :

The present invention contemplates compositions and methods to treat patients having a nervous system disorder with a formulation comprising an anticonvulsant and a neuroactive modulator. Also described is a method to predict the probability of a significant recovery when a treating an individual patient having a nervous system disorder with a formulation comprising an anticonvulsant and a neuroactive modulator. Specifically, methods for predicting patient prognosis include, but are not limited to, quantitative electroencephalography, psychometric test batteries, biological indicators, brain metabolic indicators, genotype profiles, neuroimaging, objective test measurements and multi-modalities. The present invention also discloses a device providing an organized dispensation of the above formulations such that the patient or medical personnel may easily and accurately decrease the daily dosage of a third drug and increase the daily dosage of a formulation comprising an anticonvulsant and a neuroactive modulator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1457/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTI-SARS VIRUS ANTIBODY, HYBRIDOMA PRODUCING THE ANTIBODY AND IMMUNOASSAY REAGENT USING THE ANTIBODY

(51) International classification	:C07K16/10; C12N15/40; G01N33/569	(71)Name of Applicant : 1)FUJIREBIO INC. Address of Applicant :62-5, NIHONBASHI-HAMACHO 2-CHOME, CHUO-KU, TOKYO 103-0007 Japan
(31) Priority Document No	:2003-373779	(72)Name of Inventor :
(32) Priority Date	:31/10/2003	1)UCHIDA YOSHIAKI
(33) Name of priority country	:Japan	2)FUJII NOBUYUKI
(86) International Application No	:PCT/JP04/016099	3)KURANO YOSHIHIRO
Filing Date	:29.10.2004	4)OKADA MASAHISA
(87) International Publication No	:WO/2005/042579	5)KOGAKI HIROYUKI
(61) Patent of Addition to Application Number	:NA	6)KIDO YASUJI
Filing Date	:NA	7)MIYAKE KAZUSHIGE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 11

(57) Abstract :

It is intended to provide a monoclonal antibody which specifically recognizes SARS virus; and an immunoassay method, an immunoassay reagent and an immunoassay instrument for detecting SARS virus by using this monoclonal antibody. The above monoclonal antibody is a monoclonal antibody against the nuclear protein of a corona virus causative of severe acute respiratory syndrome (SARS).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1458/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CATALYST COMPOSITION FOR POLYMERIZING MONOMERS

(51) International classification	:B01J27/053
(31) Priority Document No	:09/080,619
(32) Priority Date	:18/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/06373
Filing Date	:24/03/1999
(87) International Publication No	:WO/99/60033
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2000/00485
Filing Date	:7.11.2000

(71)Name of Applicant :

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5)SMITH, JAMES L.

6)HAWLEY, GIL R.

7)WITTNER, CHRISTOPHER E.

8)JENSEN, MICHAEL D.

9)JOHNSON, MARVIN M.

No of Pages : 59

No of Claims : 26

(57) Abstract :

This invention provides compositions that are useful for polymerizing at least one monomer comprising: 1) a treated solid oxide compound produced by contacting at least one solid oxide with at least one electron-withdrawing anion source, 2) a metallocene compound of group IVA, 3) an organoaluminium compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1459/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONTROLLED RELEASE ANALGESIC SUSPENSIONS

(51) International classification :A61K 9/10
(31) Priority Document No :10/897,840
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/034708
Filing Date :21/10/2004
(87) International Publication No :WO/2005/044246
(61) Patent of Addition 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)NICK PARIKH

No of Pages : 22

No of Claims : 10

(57) Abstract :

A method of administering non-steroidal-anti-inflammatory drugs, in particular propionic acid derivatives such as ibuprofen, or acetaminophen via a liquid suspension is provided. This method provides improved therapeutic effect, in particular pain relief, over extended time periods.

(54) Title of the invention : N-SUBSTITUTED-N-SULFONYLAMINOCYCLOPROPANE COMPOUNDS AND PHARMACEUTICAL USE THEREOF

(51) International classification :C07C 311/20
 (31) Priority Document No :60/529,117
 (32) Priority Date :15/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041851
 Filing Date :14/12/2004
 (87) International Publication No :WO/2005/058808
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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7)LAIRD ELLEN R

8)YOKOTA MASAHIRO

9)HAAS JULIA

10)IMAI HIROTO

11)MAEDA KATSUYA

12)SHINOZAKI YUICHI

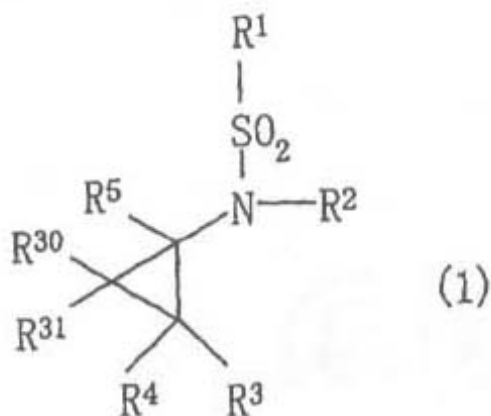
13)HORI YOSHIKAZU

No of Pages : 191

No of Claims : 31

(57) Abstract :

The present invention provides a compound having aggrecanase inhibitory activity and MMP-13 inhibitory activity, and useful as a therapeutic agent for osteoarthritis, rheumatoid arthritis and the like, more specifically, a N-substituted-N-sulfonylaminocyclopropane compound of formula (1) : wherein R is -W-A-W1-A, W is (CH₂)_m-X-(CH₂)_n-, wherein W1 is -(CH₂)_{m1}-X1-(CH₂)_{n1}-, m, m1, n and n1 are the same or different and each is 0 to 6, X and X1 are the same or different and each is a single bond, etc., A1 is an optionally substituted C3-14 hydrocarbon ring group, etc. and A is a substituted C3-14 hydrocarbon ring group etc.; R is -(CH₂)_r-CO-R, etc., wherein r is 0 to 6 and R is a C1-6 alkoxy group, etc.; R and R are the same or different and each is a hydrogen atom, a C1-6 alkyl group, etc.; and R is -CO₂R, etc.; R and R are the same or different and each is a hydrogen atom, etc.; or a prodrug thereof or a pharmaceutically acceptable salt thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ELECTRONIC LIGHTING BALLAST

(51) International classification :H02H 9/00
(31) Priority Document No :60/516,036
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036217
Filing Date :29/10/2004
(87) International Publication No :WO/2005/043955
(61) Patent of Addition 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)VORPERIAN, VATCHE
3)FLORES, RONALD

No of Pages : 41

No of Claims : 30

(57) Abstract :

An electronics enclosure has a mains input and a lamp output. A power factor correction circuit is installed in the enclosure, to provide a DC output voltage. An inverter is also installed in the enclosure. Control electronics is also installed in the enclosure to control the inverter, and to receive a selection of lamp load type made manually by a user via a user interface on an outside face of the enclosure. The same lamp output can thus alternatively drive, for example, a high pressure sodium lamp and metal halide lamp, as indicated by the selection. Other embodiments are also described and claimed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1462/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD OF MAKING KAOLIN CONTAINING SILICONE RUBBER COMPOSITIONS

(51) International classification	:C08K 3/34;C08K 9/00	(71) Name of Applicant : 1)DOW CORNING CORPORATION Address of Applicant :MIDLAND, MI 48611, U.S.A.
(31) Priority Document No	:0328236.5	(72) Name of Inventor :
(32) Priority Date	:05/12/2003	1)PROCTOR MICHAEL GAVIN
(33) Name of priority country	:U.K.	2)STAYLOR ROSEMARY MARGARET
(86) International Application No	:PCT/EP2004/014512	
Filing Date	:02/12/2004	
(87) International Publication No	:WO 2005/054352	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 10

(57) Abstract :

A treated kaolin containing silicone rubber composition consisting essentially of an organopolysiloxane, treated kaolin, a curing agent; and optional additives selected from the group of one or more rheology modifiers, pigments, colouring agents, anti-adhesive agents, plasticizers, adhesion promoters, blowing agents, fire retardants and dessicants which composition is substantially free of reinforcing fillers. These finished kaolin containing silicone rubber compositions are useful in applications such as silicone profile extrusions, wire and cable coatings, glazing, and for construction gaskets.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1463/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 30/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: PROPHYLACTIC DEVICE

(51) International classification	:A61F 6/06
(31) Priority Document No	:10/724,864
(32) Priority Date	:02/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/002196
Filing Date	:30/06/2004
(87) International Publication No	:WO 2005/053584
(61) Patent of Addition 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:

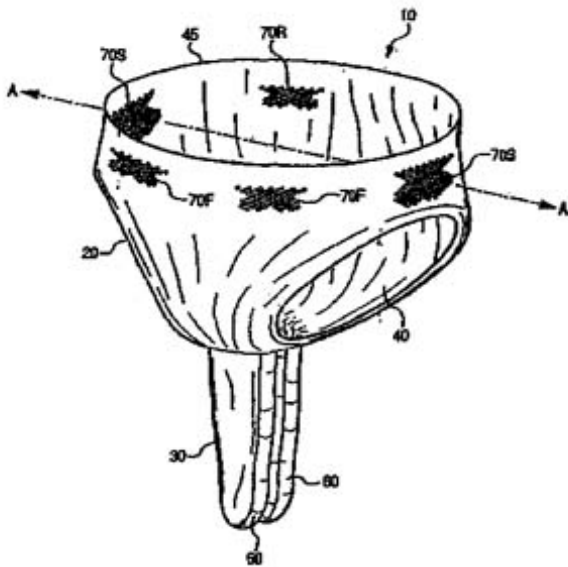
1) MARTIN, KATHLEEN, K.

No of Pages: 27

No of Claims: 48

(57) Abstract:

A prophylactic device (10) comprises a panty (20) having a crotch portion (50) and an elongated pouch (30) disposed on the crotch portion. The pouch is made of an elastic material, and the panty and the pouch are integrally formed. The pouch can have longitudinal pleats (60), and an interior of the panty can have a plurality of raised protrusions (70S,F,R) positioned to facilitate positioning of the panty on a user. The rear portion of the panty can have a sculpted portion (80) that is configured to curve inward to conform to the shape of a user's lower back when the panty is in an in-use configuration. The prophylactic device can be produced by a dipping process that results in a device with a thicker pouch than panty.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1464/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 30/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: USE OF A HYDROXIMIC ACID HALIDE DERIVATIVE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES

(51) International classification :A61K 31/4545

(31) Priority Document No :P0303584

(32) Priority Date :30/10/2003

(33) Name of priority country :Hungary

(86) International Application No :PCT/HU2004/000098

Filing Date :25/10/2004

(87) International Publication No :WO/2005/041965

(61) Patent of Addition 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: SUITE 650, 11726 SAN VICENTE BLVD., LOS ANGELES, CALIFORNIA 90049 U.S.A.

(72) Name of Inventor:

1)GREENSMITH, LINDA

2)BURNSTOCK, GEOFFREY

3)URBANICS, RUDOLF

No of Pages: 17

No of Claims : 10

(57) Abstract:

The invention relates to the use of a chemical substance selected from the group consisting of N-"2-hydroxy-3- (1 -piperidinyl)-propoxyl !-pyridine-1-oxide-3-carboximidoyl chloride, the optically active enantiomers and the mixtures of enantiomers thereof and pharmaceutically acceptable salts of the racemic and optically active compounds in the preparation of a pharmaceutical composition for the treatment or prevention of neurodegenerative diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 30/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: PARTICULATE WATER RETAINING MATERIAL FOR CULTIVATING PLANT HAVING WATER ABSORBENT RESIN AS MAIN COMPONENT

(51) International classification	:A01G 31/00;A01G 9/10	(71) Name of Applicant: 1)NIPPON SHOKUBAI CO., LTD.
(31) Priority Document No	:2003-406784	Address of Applicant :1-1, KORAIHASHI 4-CHOME, CHUO-KU,
(32) Priority Date	:05/12/2003	OSAKA-SHI, OSAKA 5410043 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2004/018521	1)FUJIMARU, HIROTAMA
Filing Date	:06/12/2004	2)DAIROKU, YORIMICHI
(87) International Publication No	:WO 2005/053381	3)ISHIJAKI, KUNHIKO
(61) Patent of Addition to Application Number	:NA	4)ADACHI, YOSHIFUMI
Filing Date	:NA	5)HARADA, NOBUYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 81

No of Claims : 22

(57) Abstract :

A particulate water retaining material for cultivating plant comprising (A) a carboxyl group-containing water-insoluble water absorbent resin and (B) a polyvalent metal compound, by having the compound (B) deposited on the resin (A), it is made possible to possess an outstanding water absorbing property without impairing the growth of a plant.

(54) Title of the invention: SYSTEM AND METHOD FOR FACILITATING COMMUNICATIONS IN A NETWORK

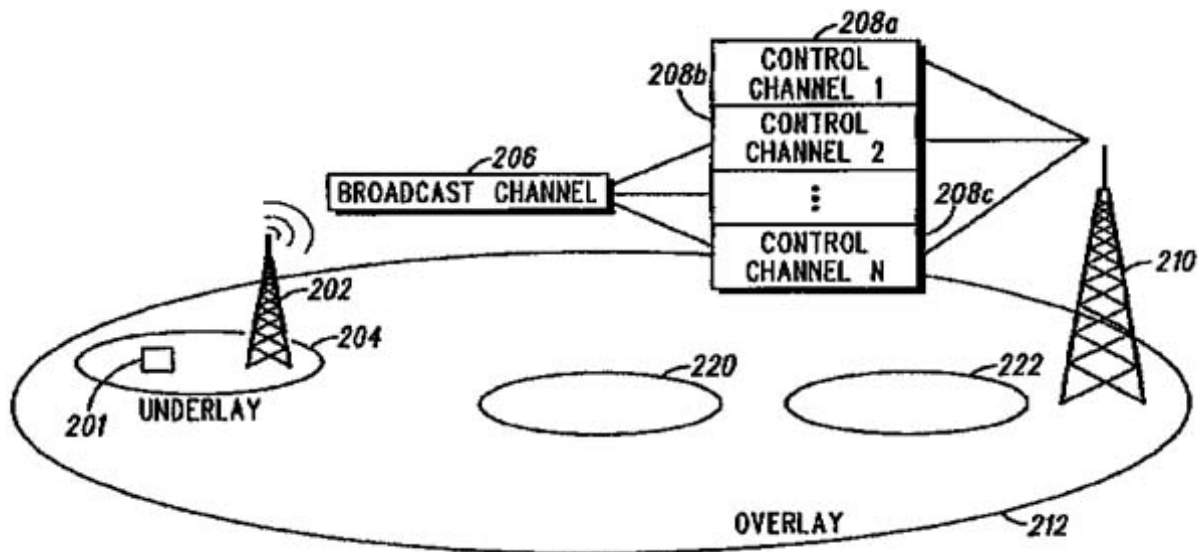
(51) International classification	:H04M 3/42;H04Q 7/20	(71) Name of Applicant: 1) MOTOROLA, INC.
(31) Priority Document No	:10/747,964	Address of Applicant: 1303 EAST ALGONQUIN ROAD, SCHAUMBURG ILLINOIS 60196 U.S.A.
(32) Priority Date	:30/12/2003	(72) Name of Inventor:
(33) Name of priority country	:U.S.A.	1)WILSON, TIMOTHY J.
(86) International Application No	:PCT/US2004/043507	2)DUA, SANJAY
Filing Date	:22/12/2004	3)ERICKSON, PAUL, M.
(87) International Publication No	:WO/2005/067276	
(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: 15

(57) Abstract:

A system and method for facilitating communications amongst a plurality of mobile units in a network establishes a plurality of underlay communication cells (201, 220, 222). At least two of the plurality of mobile units are positioned in at least one of the underlay communication cells, the units being capable of communications via the underlay communication cells (201, 220, 222). An overlay communication cell (212) is established and covers the same area as at least the underlay cells (201, 220, 222) that include the at least two of the plurality of mobile units. An association between underlay cells (201, 220, 222) is established that include the at least two mobile units and the overlay communication cell (212). A group communication call is established between the at least two mobile units using the overlay cell.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1467/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 30/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: A SOLID ORAL TOOTH WHITENING COMPOSITION

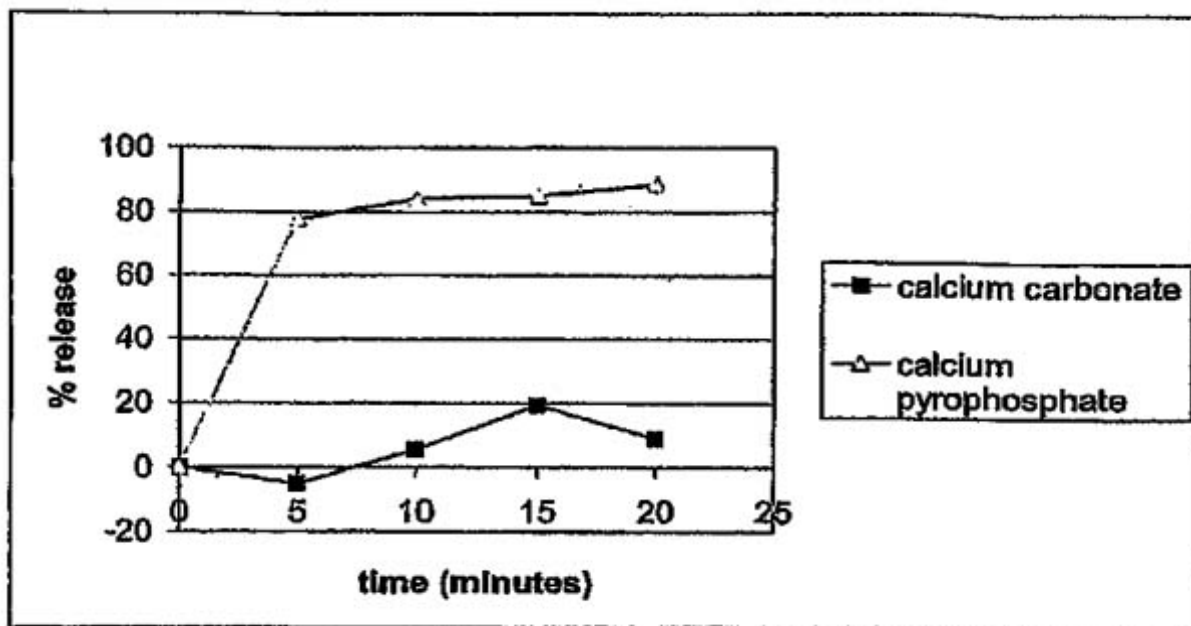
(51) International classification	:A23G 3/34 ;A61K 8/24	(71) Name of Applicant: 1) CADBURY SCHWEPPES PLC
(31) Priority Document No	:PCT/EP2003/013873	Address of Applicant: 25 BERKLEY SQUARE, LONDON W1J 6HB U.K.
(32) Priority Date	:08/12/2003	(72)Name of Inventor :
(33) Name of priority country	:U.K.	1)SORENSEN EDITH TROST
(86) International Application No	:PCT/EP2003/013873	
Filing Date	:08/12/2003	
(87) International Publication No	:WO 2005/058263	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 28

No of Claims : 22

(57) Abstract:

The present invention provides a solid, oral tooth whitening composition comprising a tooth whitening agent comprising calcium pyrophosphate present in an amount between 0.5% and 9% by weight of the composition, excluding any coating. In one embodiment, the composition of the invention comprises an additional tooth whitening agent



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1468/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 30/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: TRAVELATOR, MOVING RAMP OR ESCALATOR

(51) International classification	:B66B 23/00
(31) Priority Document No	:20040091
(32) Priority Date	:22/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2004/000814
Filing Date	:31/12/2004
(87) International Publication No	:WO 2005/070809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

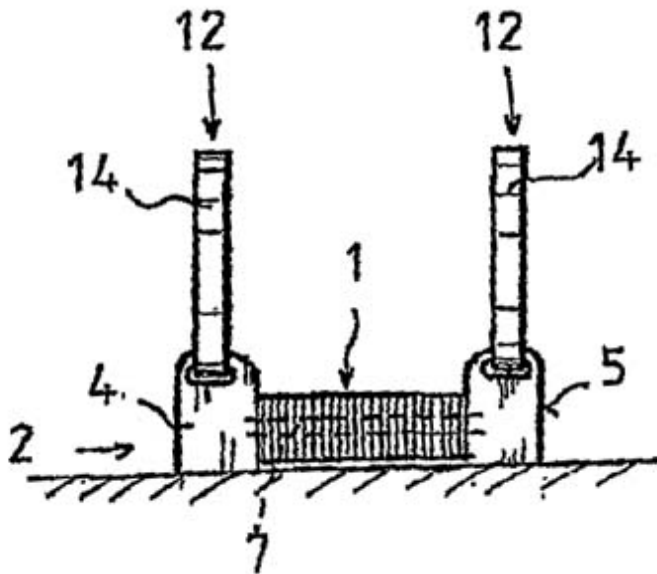
(71)**Name of Applicant :**
1)KONE CORPORATION
Address of Applicant :KARTANONTIE 1, FIN-00330 HELSINKI
Finland
(72)**Name of Inventor :**
1)AULANKO, ESKO
2)MUSTALAHTI, JORMA
3)OSSENDORF, MARC

No of Pages : 21

No of Claims: 12

(57) Abstract:

A travelator, moving ramp or escalator for transporting passengers, comprising a conveyor (1) and a frame (2) supported on a fixed structure, on which frame the conveyor is mounted. The frame (2) comprises a number of mutually identical profiled metallic bodies (3) joined together end to end one after the other and containing coupling, supporting and/or guide elements integrated in the said one profiled metallic body of solid material.



(54) Title of the invention: TRAVELATOR, MOVING RAMP OR ESCALATOR

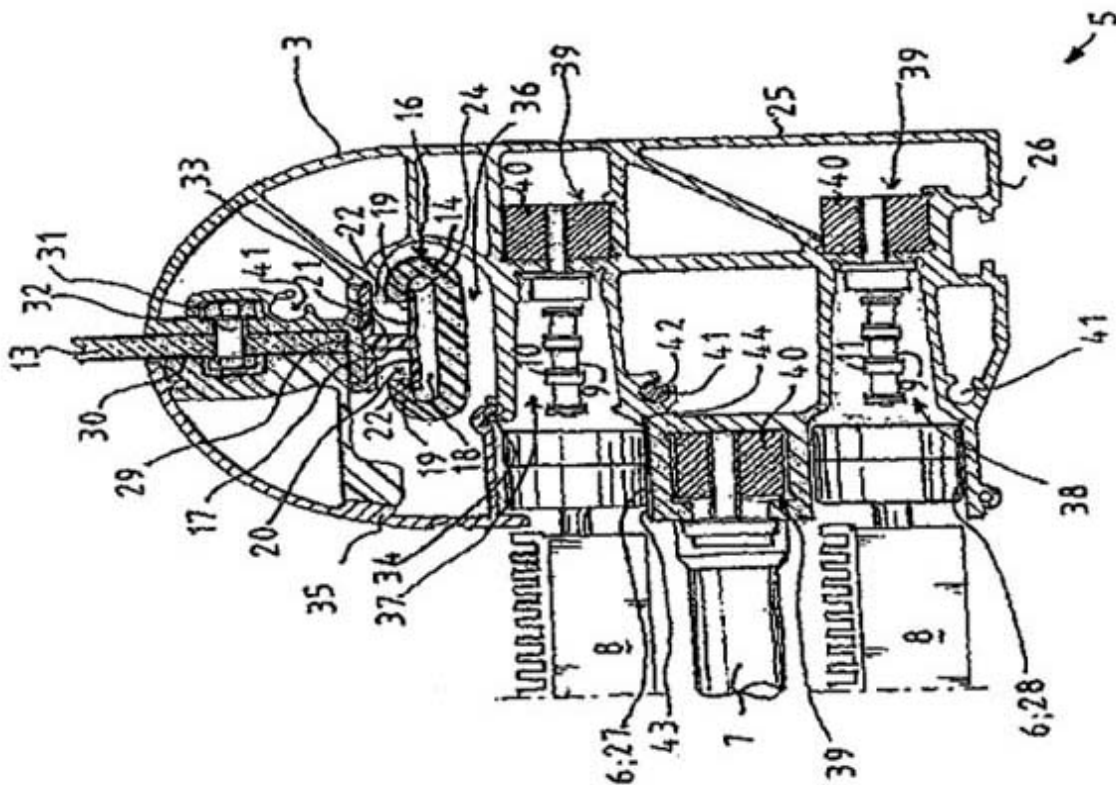
(51) International classification	:B66B23/00;B66B23/14	(71)Name of Applicant :	1)KONE CORPORATION
(31) Priority Document No	:20040090		Address of Applicant :KARTANONTIE 1, FIN-00330 HELSINKI, Finland
(32) Priority Date	:22/01/2004	(72)Name of Inventor :	1)AULANKO, ESKO
(33) Name of priority country	:Finland		2)MUSTALAHTI, JORMA
(86) International Application No	:PCT/FI2005/000013		3)OSSENDORF, MARC
Filing Date	:12/01/2005		
(87) International Publication No	:WO/2005/070810		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages: 21

No of Claims: 10

(57) Abstract:

A travelator, moving ramp or escalator for transporting passengers, comprising a conveyor (1); a frame (2; 4, 5) supported on a fixed structure, on which frame the conveyor is mounted; and a handrail (12), which comprises a handrail frame (13) and an endless handrail belt (14) mounted on the handrail frame and arranged as a loop having an upper handhold portion (15) that the passenger can grip with a hand for support and a lower return portion (16) disposed inside the frame (2; 4, 5) . The travelator, moving ramp or escalator comprises a number of suspenders (17) fastened to the frame (2) at a distance from each other to support the return portion (16) of the handrail belt (14).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1470/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 11/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: METHOD OF TARGETING SPECIFIC CELL POPULATIONS USING CELL-BINDING AGENT MAYTANSINOID CONJUGATES LINKED VIA A NON-CLEAVABLE LINKER, SAID CONJUGATES, AND METHODS OF MAKING SAID CONJUGATES

(51) International classification :A61K39/395;C07K16/46	(71)Name of Applicant:
(31) Priority Document No :60/509,901	1) IMMUNOGEN, INC.
(32) Priority Date :10/10/2003	Address of Applicant: 128 SIDNEY STREET, CAMBRIDGE, MA
(33) Name of priority country :U.S.A.	02139-4239 U.S.A.
(86) International Application No : PCT/US2004/030917	(72)Name of Inventor :
Filing Date :12/10/2004	1)STEEVES, Rita
(87) International Publication No :WO2005037992	2)LUTZ, Robert
(61) Patent of Addition to Application Number :NA	3)CHARI, Ravi
Filing Date :NA	4)XIE, Hongsheng
(62) Divisional to Application Number :NA	5)KOVTON, Yelena
Filing Date :NA	

No of Pages: 113

No of Claims: 282

(57) Abstract:

Method of Targeting Specific Cell Populations Using Cell-Binding Agent Maytansinoid Conjugates Linked via a Non-Cleavable Linker, Said Conjugates,, and Methods of Making Said Conjugates The present invention discloses a method for targeting maytansinoids to a selected cell population, the method comprising contacting a cell population or tissue suspected of containing the selected cell population with a cell-binding agent maytansinoid conjugate, wherein one or more maytansinoids is covalently linked to the cell-binding agent via a non-cleavable linker and the cell-binding agent binds to cells of the selected cell population.

(54) Title of the invention: ROLLER TOOL AND POSITIONAL PRESSURE METHOD OF USE FOR THE FORMING AND JOINING OF SHEET MATERIAL

(51) International classification :B21D 39/02
 (31) Priority Document No :60/523,961
 (32) Priority Date :21/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :
 Filing Date PCT/US2004/038993
 :19/11/2004
 (87) International Publication No :WO 2005/060493
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

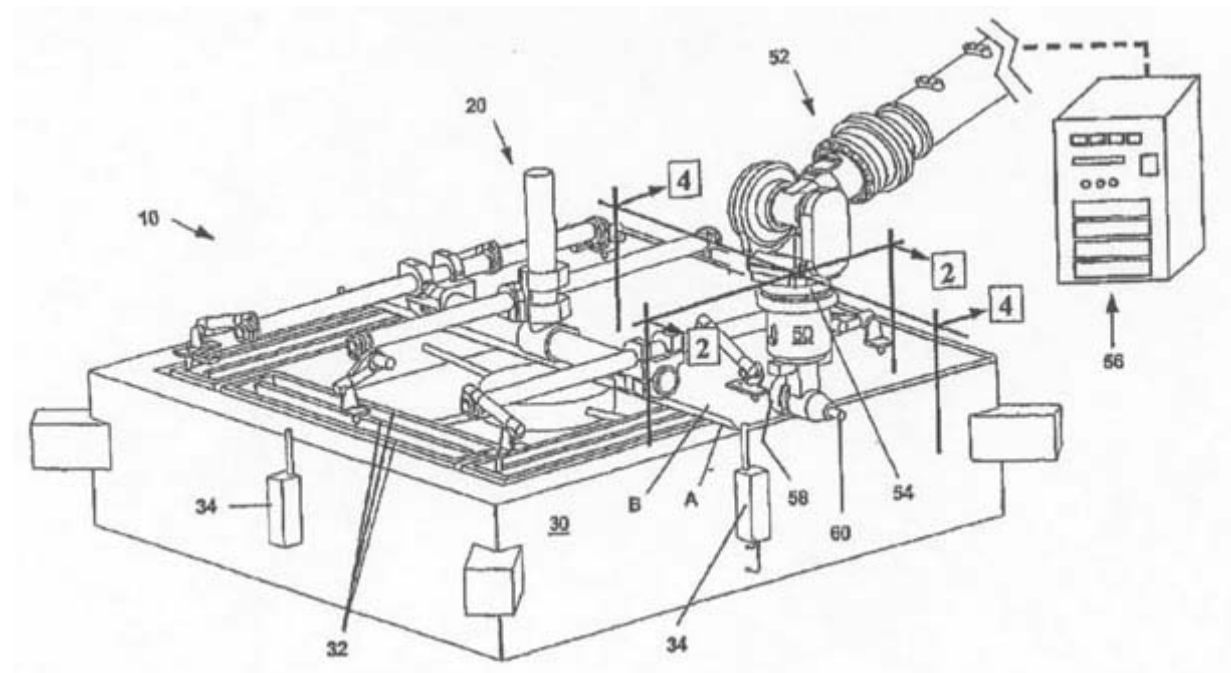
(71)Name of Applicant :
1)JONATHAN REO CAMPIAN
 Address of Applicant :4413 HYCLIFFE DRIVE, TROY, MICHIGAN
 48098. U.S.A.
 (72)Name of Inventor :
1)JONATHAN REO CAMPIAN

No of Pages : 22

No of Claims : 23

(57) Abstract:

An apparatus and method for forming and joining a first sheet material (A) located in a nest (30) to a second sheet material (B) positioned on top of the first sheet material. The apparatus includes a positional pressure roller tool or positional pressure variance unit (50) for performing the forming and joining operations. The PPVU (50) may include both a main roller (58) and a touch-up roller (60). The PPVU (50) is operatively associated with a programmable positioning apparatus in the form of a robotic arm (52) and a machine cell (10) whereby the position of the robotic arm (52) relative to the nest (30) dictates the applied pressure at the interface between the roller (72) and the nest (30).



(54) Title of the invention: SHORT-FLANGED SHEET MATERIAL FORMING AND JOINING

(51) International classification : B23P11/00
 (31) Priority Document No :60/526,559
 (32) Priority Date :03/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040319
 Filing Date :02/12/2004
 (87) International Publication No :WO 2005/056444
 (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)JONATHAN REO CAMPIANAddress of Applicant :4413 HYCLIFFE DRIVE TROY, MICHIGAN
48098 U.S.A.

(72)Name of Inventor :

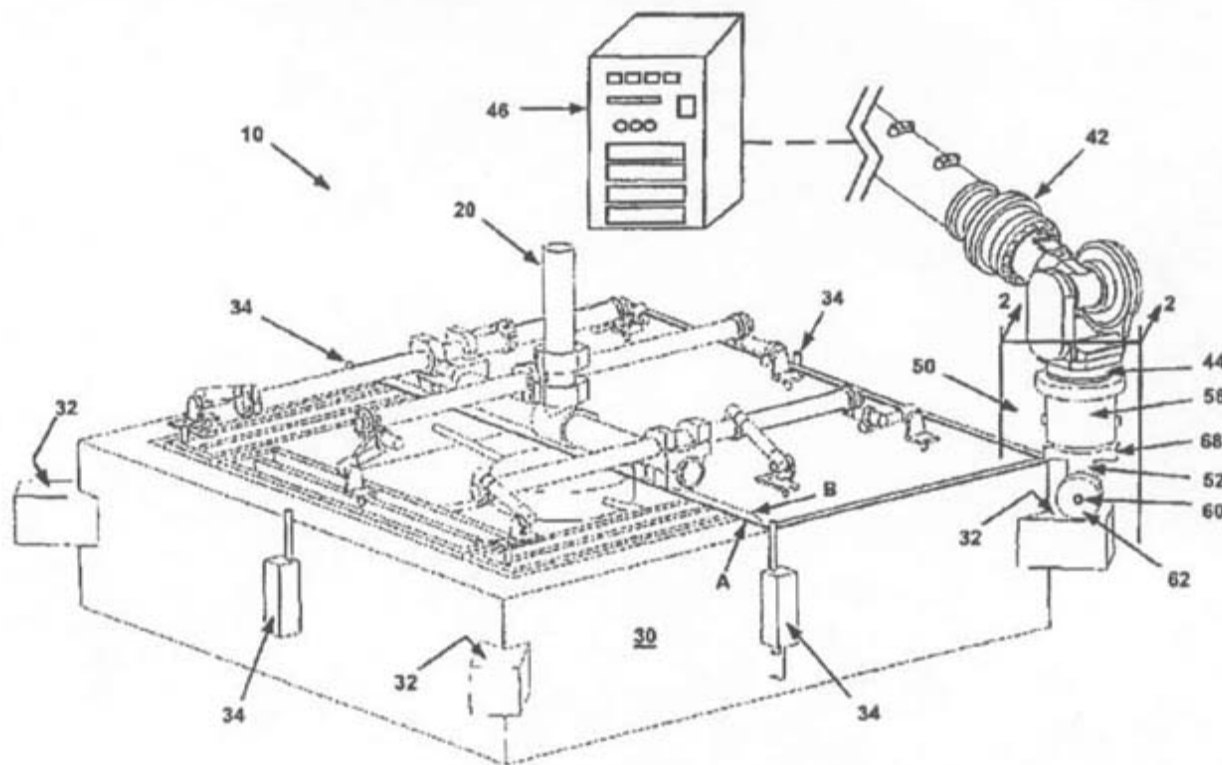
1)JONATHAN REO CAMPIAN

No of Pages: 20

No of Claims: 35

(57) Abstract:

An apparatus and method is described to form and join a short flange a periphery of a sheet material supported in a nest (30). The apparatus includes a positional pressure forming steel (PPFS) assembly (50) located on the end of a robotic arm (42). The PPFS assembly (50) includes a hub (52) slidably supported in a cylinder (56). At least one tool steel (70, 70', 70'') is located on an extension (68, 68') from the hub (52). A biasing element (58) interposed between the cylinder (56) and the hub (52) enables precise control of the forming pressure by defining a tool path control program which maintains a relative relationship between the PPFS assembly (50) and the nest (30).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: NOVEL NITROPHENYL MUSTARD AND NITROPHENYLAZIRIDINE ALCOHOLS AND THEIR CORRESPONDING PHOSPHATES AND THEIR USE AS TARGETED CYTOTOXIC AGENT

(51) International classification :C07C237/32

(31) Priority Document No :529249

(32) Priority Date :31/10/2003

(33) Name of priority country :New Zealand

(86) International Application No :PCT/NZ2004/000275

Filing Date :29/10/2004

(87) International Publication No :WO/2005/042471

(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) AUCKLAND UNISERVICES LIMITED

Address of Applicant: Level 10, 70 Symonds Street, Auckland New Zealand

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1)DENNY, William Alexander

2)ATWELL, Graham John

3)YANG, Graham John

4)YANG, Shangjin

5)YANG, Shangjin

6)WILSON, William Robert

7)HELSBY, Nuala Ann

8)PATTERSON, Adam, Vorn

No of Pages: 90

No of Claims: 37

(57) Abstract:

The present invention relates to novel nitrophenyl mustard and nitrophenylaziridine alcohols, to their corresponding phosphates, to their use as targeted cytotoxic agents; as bioreductive drugs in hypoxic tumours, and to their use in cell ablation, including gene-directed enzyme-prodrug therapy (GDEPT) and antibody-directed enzyme prodrug therapy (ADEPT), in conjunction with nitroreductase enzymes.

(54) Title of the invention: PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER

(51) International classification	:C08J 11/04
(31) Priority Document No	:10/714,782
(32) Priority Date	:17/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/038332
Filing Date	:16/11/2004
(87) International Publication No	:WO/2005/049656
(61) Patent of Addition 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: 1000 FRANKLIN AVENUE, GARDEN CITY, NY
11530 U.S.A.

(72)Name of Inventor :

1)ANTHONY M. CIALONE,

2)PETER.J. WAZNYS

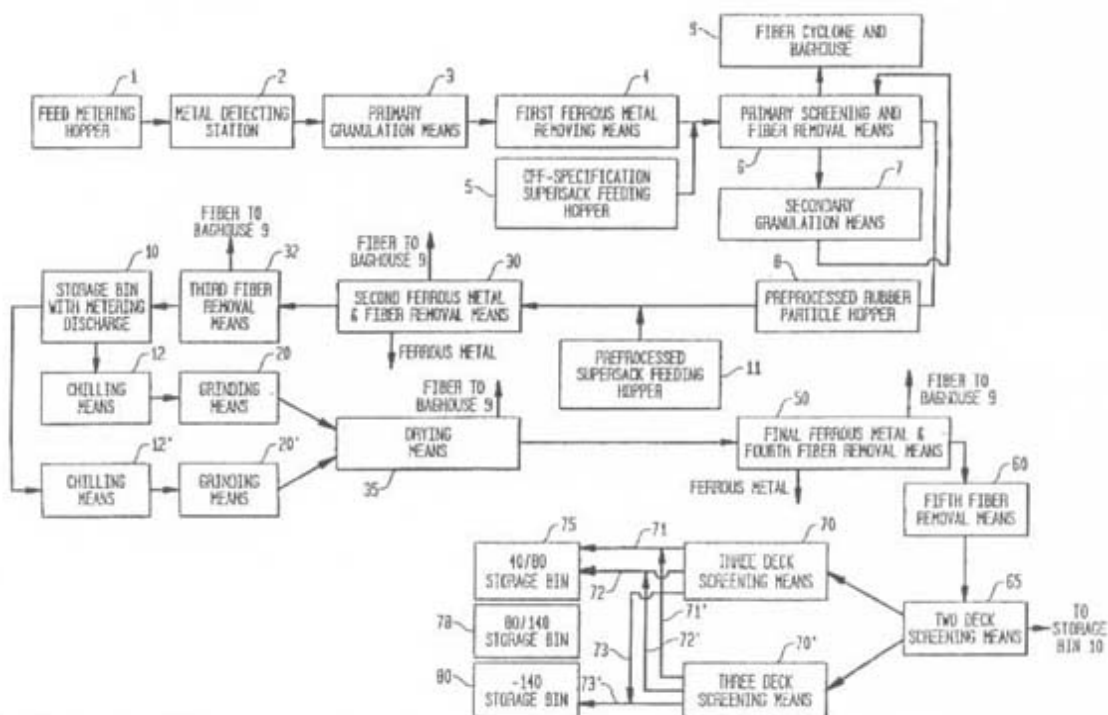
3)GEORGE W. MECKERT

No of Pages : 23

No of Claims : 42

(57) Abstract :

A process and apparatus for manufacturing crumb and powder rubber. The process and apparatus include a cooling step, effectuated by cooling means, wherein the temperature or cryogenically cooled preprocessed rubber particles is controlled. The process and apparatus also include a grinding step, effectuated by grinding means, in which the degree of grinding, and thus the product particle size range, is controlled.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1475/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: GLYCOPEGYLATED ERYTHROPOIETIN

(51) International classification	:A61K38/18; C07K14/505	(71) Name of Applicant : 1)NEOSE TECHNOLOGIES INC. Address of Applicant :102 WITMER ROAD, HORSHAM, PA 19044 U.S.A.
(31) Priority Document No	:60/524,989	(72) Name of Inventor :
(32) Priority Date	:24/11/2003	1)SHAWN DEFREES
(33) Name of priority country	:U.S.A.	2)ROBERT J. BAYER
(86) International Application No	:PCT/US04/039712	3)DAVID A. ZOPF
Filing Date	:24/11/2004	
(87) International Publication No	:WO/2005/051327	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 117

No of Claims: 31

(57) Abstract:

The present invention provides conjugates between erythropoietin and PEG moieties. The conjugates are linked via an intact glycosyl linking group interposed between and covalently attached to the peptide and the modifying group. The conjugates are formed from glycosylated peptides by the action of a glycosyltransferase. The glycosyltransferase ligates a modified sugar moiety onto a glycosyl residue on the peptide. Also provided are methods for preparing the conjugates, methods for treating various disease conditions with the conjugates, and pharmaceutical formulations including the conjugates.

(54) Title of the invention: IMPROVED AZA-BRIDGED BICYCLIC AMINO ACID DERIVATIVES AS A4 INTEGRIN ANTAGONISTS

(51) International classification :C07D 453/02

(31) Priority Document No :60/516,574

(32) Priority Date :31/10/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US04/036011

Filing Date :28/10/2004

(87) International Publication No :WO/2005/042529

(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)JANSSEN PHARMACEUTICA N.V.

Address of Applicant :TURNHOUTSEWEG 30, B-2340, Beerse, Belgium

(72)Name of Inventor :

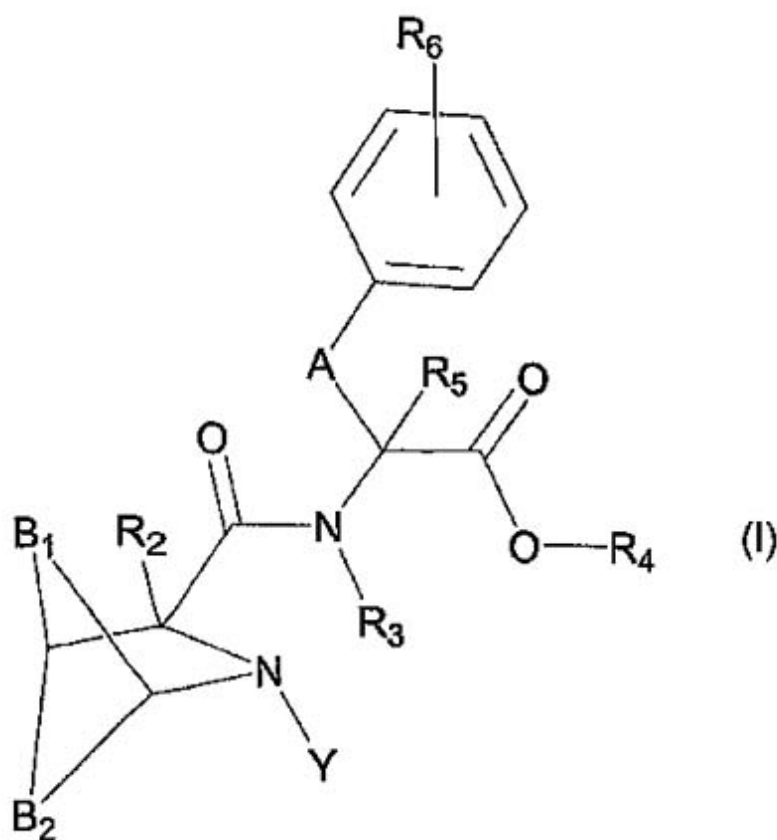
1)Alexey B. Dyatkin**2)Yong Gong****3)He Wei****4)Tamara A. Miskowski****5)Yong Gong**

No of Pages : 78

No of Claims : 44

(57) Abstract :

The invention is directed to aza-bridged-bicyclic compounds having Formula (I): and pharmaceutically acceptable salts thereof. The compounds are useful α_4 integrin receptor antagonists and, in particular, $\alpha_4\beta_1$ and $\alpha_4\beta_7$ integrin receptor antagonists. The invention is further directed to methods for use of the instant compounds for treating integrin mediated disorders including, but not limited to, inflammatory disorders, autoimmune disorders and cell-proliferative disorders, methods for preparing the compounds and methods for preparing the intermediates, derivatives and pharmaceutical compositions thereof.



(54) Title of the invention: METHODS OF PREPARING HIGH DENSITY POWDER METALLURGY PARTS BY IRON BASED INFILTRATION

(51) International classification :C22C 33/02
 (31) Priority Document No :60/526,816
 (32) Priority Date :03/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040644
 Filing Date :03/12/2004
 (87) International Publication No :WO 2005/056855
 (61) Patent of Addition 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 :

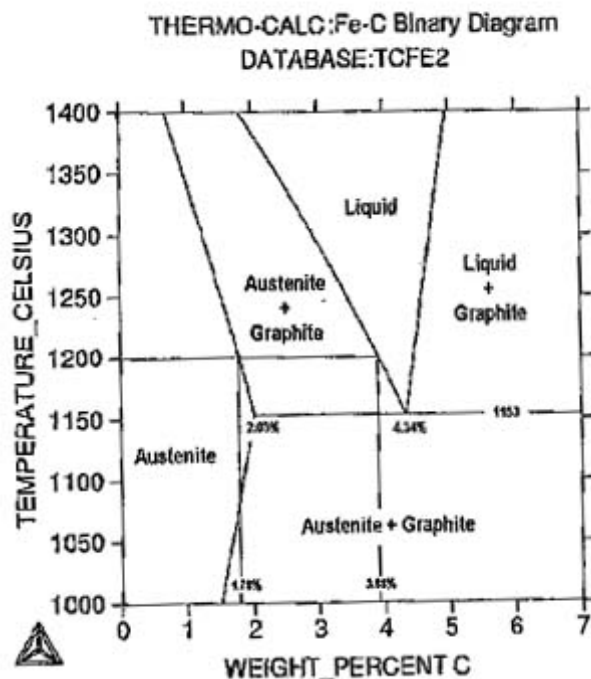
1)SEMEL, FREDERICK, J.

No of Pages: 74

No of Claims: 45

(57) Abstract:

The present invention provides iron-based infiltration methods for manufacturing powder metallurgy components, compositions prepared from those methods, and methods of designing those infiltration methods. Iron-based infiltration methods include the steps of providing an iron-based infiltrant composed of a near eutectic liquidus composition of a first iron based alloy system and an iron-based base compact composed of a near eutectic solidus powder composition of a second iron based alloy system. The base compact is placed in contact with the infiltrant and heated to a process temperature above the melting point of the infiltrant to form a liquid component of the infiltrant. Lastly, the base compact is infiltrated with the liquid component of the infiltrant. During infiltration, the liquid component of the infiltrant flows into the pores of the base compact.

*Equilibrium Phase Relations In The Fe-C System*

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1478/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: PARTICULATE WATER ABSORBING AGENT WITH IRREGULARLY PULVERIZED SHARE

(51) International classification	:C08J 3/12	(71) Name of Applicant:
(31) Priority Document No	:2004-096083	1) NIPPON SHOKUBAI CO., LTD.
(32) Priority Date	:29/03/2004	Address of Applicant :1-1, KORAIBASHI 4-CHOME, CHUO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 5410043 Japan
(86) International Application No	:PCT/JP2005/006551	(72) Name of Inventor :
Filing Date	:29/03/2005	1)ISHIZAKI KUNIIHIKO
(87) International Publication No	:WO/2005/092955	2)KITANO TAKAHIRO
(61) Patent of Addition to Application Number	:NA	3)ADACHI YOSHIFUMI
Filing Date	:NA	4)UEDA HIROKO
(62) Divisional to Application Number	:NA	5)WADA KATSUYUKI
Filing Date	:NA	

No of Pages: 93

No of Claims: 21

(57) Abstract:

The present invention provides a particulate water absorbing agent for a thin type absorbing substrate suitable for actual use. A particulate water absorbing agent having irregularly pulverized shape, characterized by comprising, a surface crosslinked water-absorbing resin obtained by crosslinking polymerization of an unsaturated monomer with an acid group and/or salts thereof, which absorbing agent contains agglomerated particles therein and further satisfies (i) centrifuge retention capacity (CRC) in a physiological saline solution of not lower than 32 g/g, (ii) mass median particle size (D50) of 200 to 400 m, and (iii) particles smaller than 600 m and not smaller than 150 m of 95 to 100% by weight. By using the particulate water-absorbing agent, such absorbing articles can be obtained as have few rugged surface after water absorption, excellent liquid permeation property.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1479/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: BREAST CAP PART AND BREAST CAP FOR USING THE BREAST CAP PART

(51) International classification	:A61M 1/06	(71) Name of Applicant :
(31) Priority Document No	:109/04	1)MEDELA HOLDING AG
(32) Priority Date	:27/01/2004	Address of Applicant :LATTICHSTRASSE 4B, CH-6340 BAAR,
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:PCT/CH2005/000024	(72) Name of Inventor :
Filing Date	:18/01/2005	1)ROLLIN RICHARD
(87) International Publication No	:WO/2005/070476	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 16

No of Claims: 12

(57) Abstract:

The invention relates to a breast cap part for a breast pump, which is disposed on an areola of a female breast when used. Said breast cap comprises a truncated base body (1) having a large rear opening (13) and a small front opening (14), said base body being embodied in order to receive a breast cap (6) in a funnel. The truncated base body (1) is at least partially made of a heat accumulating and/or heat conducting material and is heated when required. Said heating does not exclusively occur when the body temperature of the female breast is transmitted. Other means for heating the breast cap part are used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1480/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: CCI-779 FOR TREATING MANTLE CELL LYMPHOMA

(51) International classification	:A61K31/4353; A61P35/00; A61K31/4353; A61	(71) Name of Applicant : 1)MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH Address of Applicant :200 FIRST STREET SW, ROCHESTER, MN 55905 U.S.A.
(31) Priority Document No	:60/517,329	(72) Name of Inventor :
(32) Priority Date	:04/11/2003	1)WITZING, THOMAS, E.
(33) Name of priority country	:U.S.A.	2)KAUFMANN, SCOTT, H
(86) International Application No	:PCT/US2004/035900	
Filing Date	:28/10/2004	
(87) International Publication No	:WO 2005/046681	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 19

No of Claims : 12

(57) Abstract:

This invention provides the use of rapamycin 42-ester with 3-hydroxy-2- (hydroxymethyl) -2-methylpropionic acids (CCI-779) in the treatment or inhibition of mantle cell lymphoma.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1481/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: STABILIZED SUSCEPTIBILITY TESTS OF AEROBIC PATHOGENS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:C12Q 1/04 :60/528,618 :11/12/2003 :U.S.A. :PCT/US2004/041231 :09/12/2004 :WO/2005/059164 :NA :NA :NA :NA	(71) Name of Applicant : 1)WYETH HOLDINGS CORPORATION Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A. (72) Name of Inventor : 1)BRADFORD, PATRICIA, ANN 2)PETERSEN, PETER, JAMES

No of Pages : 47

No of Claims : 44

(57) Abstract :

A medium composition for the determination of susceptibility testing for ATCC quality control organisms wherein said medium composition comprises a nutrient medium, an antibiotic and an adjuvant in a sufficient amount to stabilize and enhance susceptibility testing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1482/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: MONOPARAIMMUNITY INDUCERS BASED ON ATTENUATED RABBIT MYXOMA VIRUSES

(51) International classification	:A61K39/275; A61K35/76; C12N7/06	(71) Name of Applicant: 1) BAVARIAN NORDIC A/S Address of Applicant: BOGESKOVVEJ 9, DK-3490 KVISTGAARD Denmark
(31) Priority Document No	:10 2004 003 572.5	(72) Name of Inventor :
(32) Priority Date	:23/10/2004	1)MAYR, ANTON
(33) Name of priority country	:Germany	2)MAYR, BARBARA
(86) International Application No	:PCT/EP2005/000582	
Filing Date	:21/01/2005	
(87) International Publication No	:WO/2005/070453	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 43

No of Claims : 48

(57) Abstract:

The invention relates to monoparaimmunity inducers that are based on paraimmunizing viruses or viral components of a myxoma virus strain of diseased rabbits that show the general symptoms of the disease. The invention also relates to a method for producing the inventive inducers and to their use as drugs for the regulatory optimization of the paraimmunizing activities for use in the prophylaxis and therapy of various human and animal dysfunctions.

(54) Title of the invention: INSTANTANEOUS AIR-HEATING UNIT

(51) International classification	:B60H 1/00
(31) Priority Document No	:PCT/ES2004/000108
(32) Priority Date	:10/03/2004
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2004/000108
Filing Date	:10/03/2004
(87) International Publication No	:WO/2005/090105
(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)LLOVERAS, CALVO, JUAN

Address of Applicant :C/INDUSTRIA, NAU 4 POL.IND.PLA DE LA COSTA, 08182 SANT FELIU DE CODINES (BARCELONA) Spain

(72)Name of Inventor :

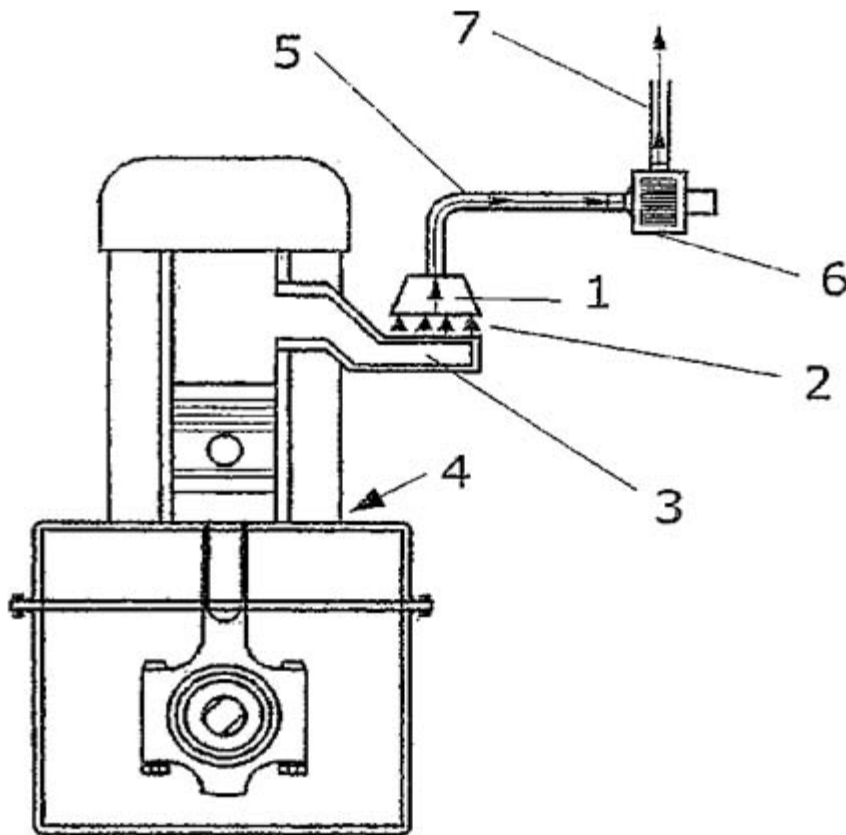
1)LLOVERAS, CALVO, JUAN

No of Pages: 8

No of Claims: 3

(57) Abstract:

The invention relates to an instantaneous air-heating unit. The invention comprises a hot air (2) intake hood (1), which is disposed partially against the exhaust gas collectors (3) of the engine (4) of the vehicle, preferably when the vehicle is being started. According to the invention, an air duct (5) connects the aforementioned hood to a small turbine (6) or an extractor which drives the air to the enclosure (8), the front and rear windows (9) or the outside rear-view mirrors (10) through one or more suitable ducts (7). Moreover, a thermostat (11) is used to shut down the instantaneous heating and start up the standard heating using a manual or electric butterfly valve (12), thereby stopping the turbine (6).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1484/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: OXAZOLE DERIVATIVES OF TETRACYCLINES

(51) International classification :C07D 263/52
(31) Priority Document No :60/527,928
(32) Priority Date :08/12/2003
(33) Name of priority country :U.S.A.
:
(86) International Application No PCT/US2004/040850
Filing Date :07/12/2004
(87) International Publication No :WO/2005/056538
(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
07940-0874 U.S.A.

(72)Name of Inventor :

1)SUM, PHAIK-ENG

2)HOW, DAVID, BRIAN

3)HOPPER, DARRIN, WILLIAM

4)VERA, MATTHEW, DOUGLAS

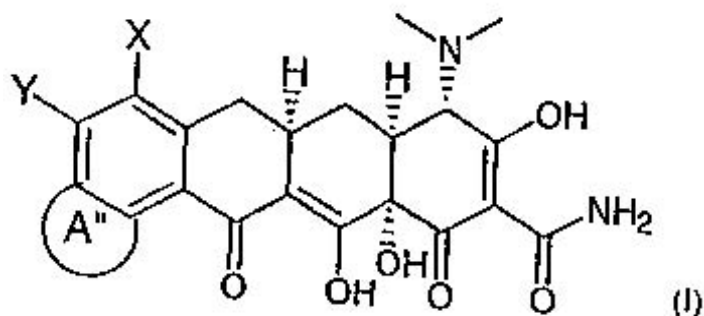
5)SABATINI, JOSHUA, JAMES

No of Pages: 99

No of Claims : 40

(57) Abstract:

This invention provides compounds of the formula: wherein A", X and Y are defined in the specification. These compounds are useful as antibacterial agents.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1485/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: JASMONATE DERIVATIVE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS AND METHODS OF USING THEREOF

(51) International classification	:C07C69/716; A61K31/215; A61P35/02; C07C6	(71) Name of Applicant: 1) RAMOT AT TEL-AVIV UNIVERSITY LTD. Address of Applicant: P.O.BOX. 39296, 32 HAIM LEVANON ST. 61392, TEL AVIV, ISRAEL. Israel
(31) Priority Document No	:60/526,081	(72)Name of Inventor :
(32) Priority Date	:02/12/2003	1)FLESCHER, ELIZER
(33) Name of priority country	:U.S.A.	2)KASHMAN, YOEL
(86) International Application No	:PCT/IL2004/001098	3)RIESCHER, DORIT
Filing Date	:01/12/2004	4)SHIMONY, SHIRI
(87) International Publication No	:WO 2005/054172	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 52

No of Claims : 31

(57) Abstract:

The present invention provides novel jasmonate derivative compounds, methods for their preparation, pharmaceutical compositions including such compounds, and methods of using these compounds and compositions, especially as chemotherapeutic agents for treatment of cancers, especially mammalian cancers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1486/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: PARTICULATE WATER ABSORBING AGENT WITH WATER-ABSORBING RESIN AS MAIN COMPONENT

(51) International classification	:C08J 3/12	(71) Name of Applicant:
(31) Priority Document No	:2004-096083	1)NIPPON SHOKUBAI CO., LTD.
(32) Priority Date	:29/03/2004	Address of Applicant :1-1, KORAIBASHI 4-CHOME, CHUO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 5410043 Japan
(86) International Application No	:PCT/JP2005/006570	(72) Name of Inventor :
Filing Date	:29/03/2005	1)WADA KATSUYUKI
(87) International Publication No	:WO 2005/092956	2)KIMURA KAZUKI
(61) Patent of Addition to Application Number	:NA	3)UEDA HIROKO
Filing Date	:NA	4)KANTO TERUYUKI
(62) Divisional to Application Number	:NA	5)FUJIMARU HIROTAMA
Filing Date	:NA	

No of Pages : 101

No of Claims : 22

(57) Abstract :

The present invention provides a water absorbing agent which maintains excellent water absorbing properties for a long time, even when urine composition of human urine varies depending. A particulate water absorbing agent comprising a water-absorbing resin obtained by crosslinking polymerization of an unsaturated monomer, which exhibits Centrifuge retention capacity in a physiological saline solution of not lower than 32 g/g, mass median particle size (D50) of 200 to 400 m, ratio of particles with diameter of smaller than 150 m of 0 to 2% by weight, and increased extractables by deterioration of 0 to 15% by weight.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1487/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 31/05/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: BIARYL SULFONAMIDES AS MMP INHIBITORS

(51) International classification :A61K 31/41
(31) Priority Document No :60/526,840
(32) Priority Date :04/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/040835
Filing Date :22/12/2003
(87) International Publication No :WO/2005/061477
(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
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(72)Name of Inventor :

1)LEVIN, JEREMY, IAN

2)RUSH, THOMAS, SALTMARSH, III

3)LOVERING, FRANK

4)HU, YONGHAN

5)LI, JIANCHANG

6)LI, WEI

7)WU, JUN, JUN,

8)HOTCHANDANI RAJEEV

9)XIANG, JASON, SHAOYUN

10)DU, XUEMEI

11)COLE, DEREK, CECIL

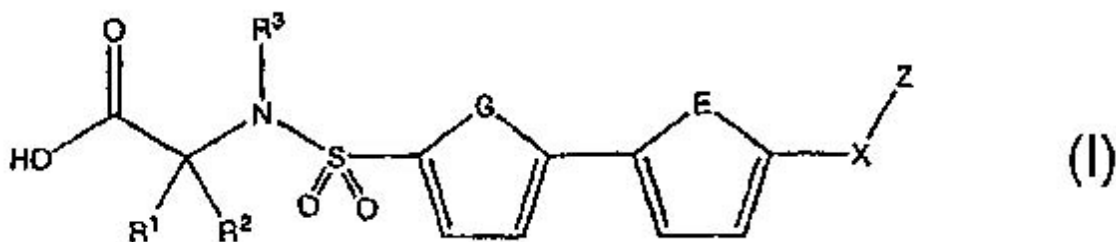
12)TAM, STEVE YIKKAI

No of Pages: 251

No of Claims : 69

(57) Abstract :

The present invention relates to biaryl sulfonamides and their use as, for example, metalloproteinase inhibitors: Formula (I).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1488/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 07/01/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: DISPENSER WITH CONTROLLED ATMOSPHERE

(51) International classification :G07F17/16;

(31) Priority Document No :03/07429

(32) Priority Date :19/06/2003

(33) Name of priority country :France

(86) International Application No :PCT/FR2004/001456

Filing Date :10/06/2004

(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:**

1) VERNOS GOULVEN

Address of Applicant: 8, SENTIER DES LAMINARIES, 56610

ARRADON Maharashtra India

(72)**Name of Inventor :**

1)VERNOIS GOULVEN

No of Pages: 6

No of Claims: 8

(57) Abstract:

A tight enclosure 1 receives by an airlock 2 virgin optical discs 3 sensitive to oxygen and packed in a tight packing 4. These discs are came out of their packing 4 by a means 7, introduced into a means of writing 6, and again introduced into a tight packing 4a by a means of tight packing 11. Then they are got out of enclosure 1 through an airlock 5.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1489/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date: 04/05/2007

(54) Title of the invention: PROCESS FOR MANUFACTURE OF PENTAERYTHRITOL DIPHOSPHITES

(51) International classification :C07F9/6574

(31) Priority Document No :10/707,402

(32) Priority Date :11/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/039200

Filing Date :23/11/2004

(87) International Publication No :WO2005060500

(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)DOVER CHEMICAL CORPORATION

Address of Applicant :3676, DAVIS ROAD, NW DOVER, OH 44622
U.S.A.

(72)Name of Inventor :

1)LARKE, CARROLL

No of Pages: 25

No of Claims: 30

(57) Abstract:

A method is disclosed for the production of pentaerythritol diphosphites of high spiro isomer content. The pentaery-thritol diphosphites are produced via sequential transesterification of pentaerythritol with a monophosphite followed by a substituted phenol or other alcohol, wherein the transesterification reactions are carried out under controlled conditions of temperature and pressure. The unique reaction conditions result in intermediate and final pentaerythritol diphosphites of high spiro isomer content and high total yield of the diphosphites.

(54) Title of the invention: AIR MATTRESS WITH PRESSURE CONTROL SYSTEM

(51) International classification :A47C27/08
 (31) Priority Document No :03425813.7
 (32) Priority Date :19/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/IT2004/000691
 Filing Date :13/12/2004
 (87) International Publication No :WO/2005/058100
 (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) BERETTA, GIOVANNI

Address of Applicant: VIA ITALLA 13, I-20050 LESMO, MI Italy

(72) Name of Inventor :

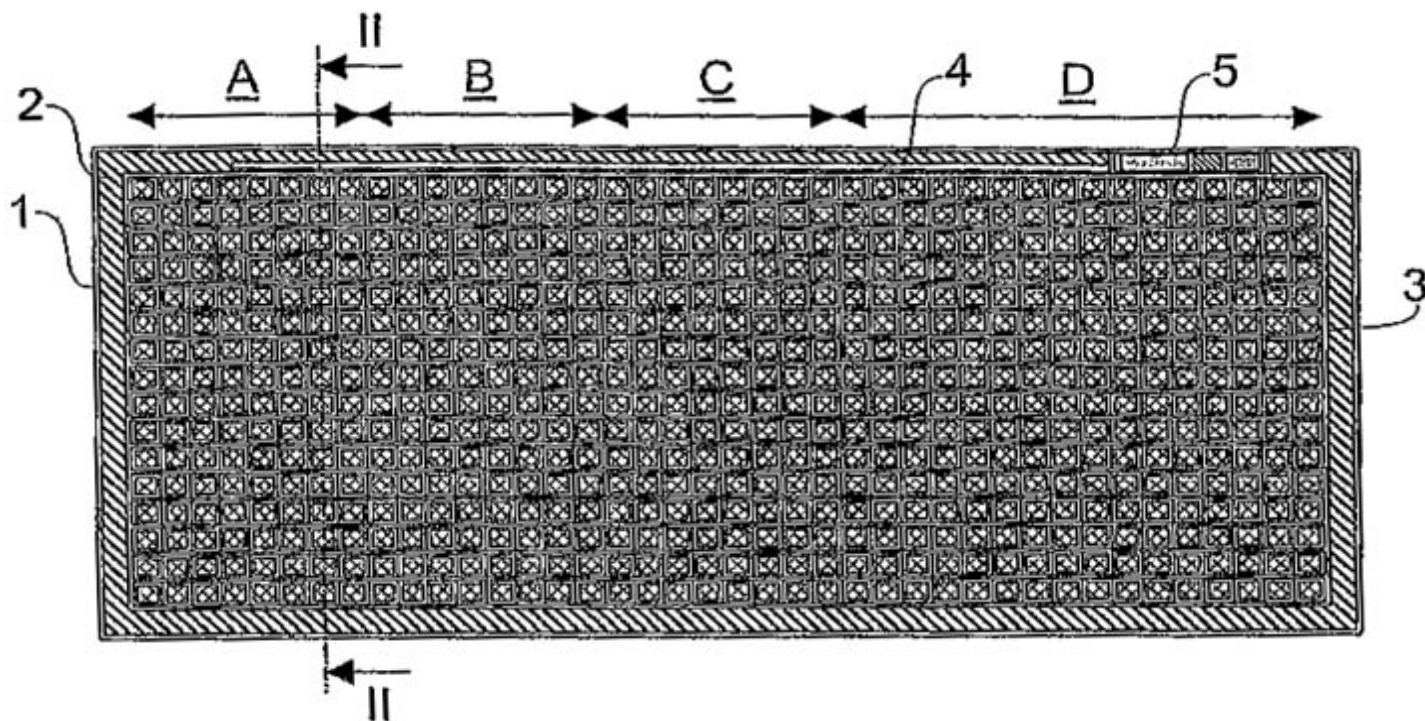
1)BERETTA, GIOVANNI

No of Pages: 11

No of Claims: 15

(57) Abstract:

Mattress comprising an external cover (1) in which a padding (2) including one or more air chambers (3), which can be inflated for supporting the body of at least one user and are connected by means of air inlets (4) to an electric compressor (12) for sucking air from the outside and pump it into one or more groups (A, B, C, D) of air chambers (3), is arranged, said inlets (4) being provided with electric valves (14) connected to a control unit (15) which is in turn connected to an automatic switch (18) arranged along an electric line between the compressor (12) and an electric power source (19), wherein the control unit (15) opens or closes the electric valves (14) and/or the automatic switch (18) according to the control signals coming from one or more pressure sensors (20) which measure the pressure in the air chambers (3).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1491/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: METHODS FOR PRODUCING OLFACTORY GPCRS

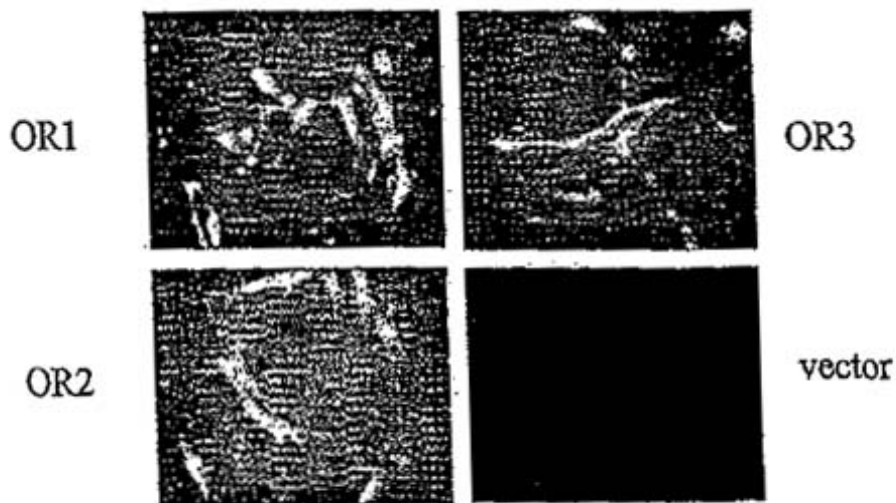
(51) International classification	:C07K14/705	(71) Name of Applicant:
(31) Priority Document No	:60/253,940	1) ARENA PHARMACEUTICALS INC.
(32) Priority Date	:21/11/2003	Address of Applicant: 6166 NANCY RIDGE DRIVE, SAN DIEGO, CA
(33) Name of priority country	:U.S.A.	92121-3223 U.S.A.
(86) International Application No	:PCT/US2004/038339	(72) Name of Inventor :
Filing Date	:15/11/2004	1)HUNG GENE
(87) International Publication No	:WO/2005/051984	2)ORTUNO DANIEL
(61) Patent of Addition to Application Number	:NA	3)UNETT DAVID
Filing Date	:NA	4)GATLIN JOEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 28

(57) Abstract:

The subject invention provides a method for producing an olfactory GPCR in a cell. In general, the methods involve introducing an expression cassette containing a promoter operably linked to a nucleic acid encoding an olfactory PCR into a macroglial cell, e.g., a Schwann or oligodendritic cell, and maintaining the cell under conditions suitable for production of the olfactory GPCR. Also provided is a macroglial cell containing a recombinant nucleic acid encoding an olfactory GPCR, methods of screening for modulators of olfactory GPCR activity, and a kit for producing an olfactory GPCR in a macroglial cell. The invention finds most use in research on flavors and fragrances, and, consequently, has a variety of research and industrial applications.



Expression Analysis of Transiently Transfected
Olfactory GPCRs in Rat Schwann Cells by HA Staining

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1492/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: VIRTUAL ORDERED WRITES FOR MULTIPLE STORAGE DEVICES

(51) International classification	:G06F 17/30
(31) Priority Document No	:10/724,669
(32) Priority Date	:01/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034330
Filing Date	:19/10/2004
(87) International Publication No	:WO/2005/057337
(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)EMC CORPORATION

Address of Applicant :176, SOUTH STREET HOPKINTON, MA
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(72)Name of Inventor :

1)LECRONE, DOUGLAS, E.

2)HEASLEY, KEVIN C.

3)LONGINOV, VADIM

4)HALSTEAD, MARK J.

5)MEIRI, DAVID

6)YODER, BENJAMIN, W.

7)THIBODEAU, WILLIAM P.

No of Pages: 77

No of Claims: 10

(57) Abstract:

Ordering data writes includes at least some of a group of primary storage devices receiving a first plurality of data writes, causing a cycle switch for the group of primary storage devices where the first plurality of data writes are associated with a particular cycle on each primary storage device in the group, and at least some of the group of primary storage devices receiving a second plurality of writes after initiating the cycle switch where all of the second plurality of writes are associated with a cycle different from the particular cycle on each primary storage device. Writes to the group begun after initiating the cycle switch may not complete until after the cycle switch has completed. Recovering data provided in chunks to a plurality of secondary storage devices includes, for each of the secondary storage devices, discarding data corresponding chunks for which all data thereof has not been received, and, for each of the secondary storage devices, restoring a chunk of data thereto where all of the chunks of data restored to the plurality of secondary storage devices correspond to a particular transmission cycle of primary storage devices that provide data to the plurality of secondary storage devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1493/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: SCINTILLATION SUBSTANCES (VARIANTS)

(51) International classification :C30B 29/34

(31) Priority Document No :2003132127

(32) Priority Date :04/11/2003

(33) Name of priority country :Russia

(86) International Application No :PCT/RU2004/000094

Filing Date :12/03/2004

(87) International Publication No :WO/2005/042812

(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)ZECOTEK MEDICAL SYSTEM INC.

Address of Applicant :SUITE 408, 6190 AGRONOMY ROAD,
VANCOUVER, B.C. V6T 1Z3 Canada

(72)Name of Inventor :

1)ZAGUMENNYI, ALEXANDER, IOSIFOVICH

2)ZAVARTSEV, YURI, DMITRIEVICH

3)KUTOVOI, SERGEI, ALEXANDROVICH

No of Pages : 38

No of Claims : 21

(57) Abstract:

The inventions relate to the scintillation substances and they may be utilized in nuclear physics, medicine and oil industry for recording and measurements of X-ray, gamma -ray and alpha- ray, nondestructive testing of solid states structure, three-dimensional positron-emission tomography and X-ray computer tomography and fluorography. The scintillating substances based on a silicate comprising a lutetium (Lu) and cerium (Ce) characterised in that the compositions of substances are represented by the chemical formulae $CexLu_{2+2y-x}Si_{1-y}O_{5+y}CexLi_{q+p}Lu_{9-33-x-p-z}A_zSi_6O_{26-p}$ where A is at least one element selected from the group consisting of Gd, Sc, Y, La, Eu, Tb, x is a value between 1×10^{-4} f. units and 0.02 f. units., y is a value between 0.024 f. units and 0.09 f. units, z is a value does not exceeding 0.05 f. units, q is a value does not exceeding 0.2 f. units, p is a value does not exceeding 0.05 f. units, $CexLi_{1+q+p}Lu_{9-x-p-z}A_zSi_6O_{26-p}$ z is a value does not exceeding 8.9 f. units. The achievable technical result is the scintillating substance having a high density, a high light yield, a low afterglow, and a low percentage loss during fabrication of scintillating elements for three-dimensional tomograph (PET).

(54) Title of the invention: CURED IN PLACE LINER WITH INTEGRAL INNER IMPERMEABLE LAYER AND CONTINUOUS METHOD OF MANUFACTURE

(51) International classification :F16L 55/165
 (31) Priority Document No :10/703,814
 (32) Priority Date :07/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036625
 Filing Date :03/11/2004
 (87) International Publication No :WO/2005/047756
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

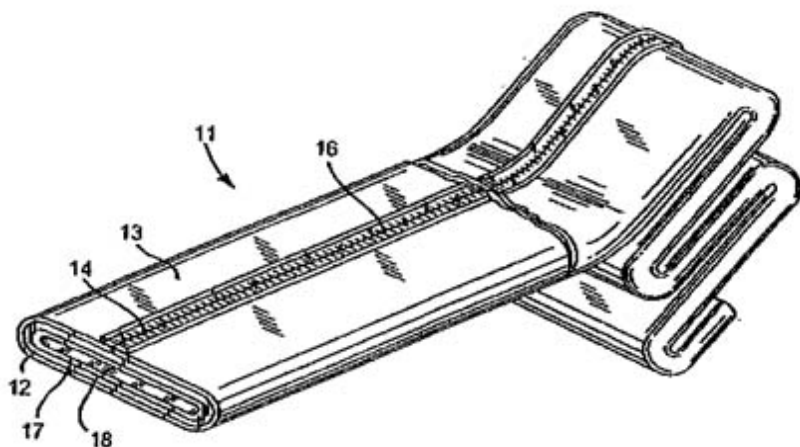
(71)**Name of Applicant :**
1)INA ACQUISITION CORP.
 Address of Applicant :SUITE 1410, NEMOURS BUILDING, 1007
 ORANGE STREET, WILMINGTON, DE 19801 U.S.A.
 (72)**Name of Inventor :**
1)DRIVER FRANKLIN THOMAS

No of Pages : 23

No of Claims : 28

(57) Abstract :

A resin impregnated cured in place liner with an integral inner impermeable layer, (22) a method for its manufacture and an apparatus to do this are provided. The liner is formed from a resin impregnable material having an impermeable layer bonded to one surface. The material is formed into tubular shape with the impermeable layer on the outside of the tube about a tubular forming member and continuously everted into the tubular forming device to place the impermeable layer on the inside. An outer impermeable film (31) is placed about the inner tubular layer (28) and may be impregnated with vacuum in the usual manner. Alternatively, the tubular resin impregnable material may be passed through a resin tank (53) and impregnated with a curable resin prior to being wrapped with an outer impermeable layer. The impregnated liner is then suitable for pull-in-and-inflate which can be by steam in view of the integral inner impermeable layer of the liner.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1495/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: CURED IN PLACE LINER WITH EVERTED OUTER IMPERMEABLE LAYER AND METHOD OF MANUFACTURE

(51) International classification :F16L 55/165
(31) Priority Document No :10/704,501
(32) Priority Date :07/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036633
Filing Date :03/11/2004
(87) International Publication No :WO/2005/047755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

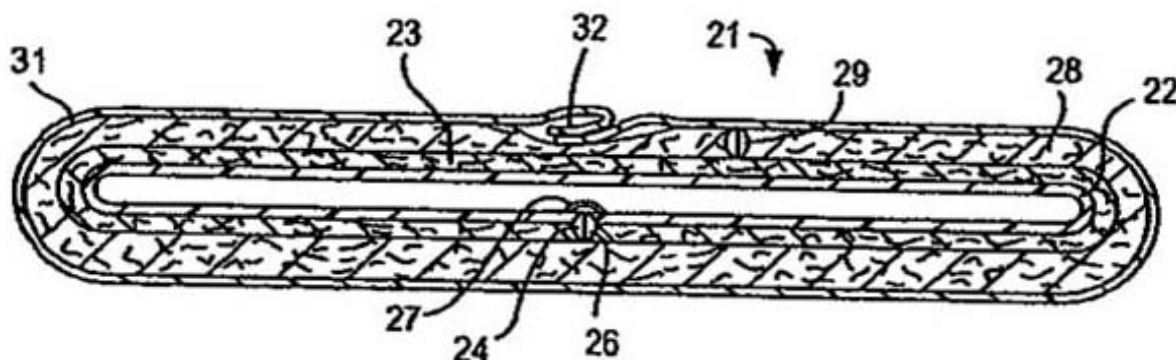
(71)**Name of Applicant :**
1)INA ACQUISITION CORP.
Address of Applicant :SUITE 1410, NEMOURS BUILDING, 1007
ORANGE STREET, WILMINGTON, DE 19801 U.S.A.
(72)**Name of Inventor :**
1)DRIVER FRANKLIN THOMAS
2)WANG WEIPING

No of Pages: 24

No of Claims : 21

(57) Abstract:

A resin impregnated cured in place liner having an everted outer impermeable coating is provided. A roll of a continuous length of resin impregnable material is formed into a tube. An impermeable film or wrapping is formed into a tube about a tubular former, sealed and continuously everted about the inner tubular member travelling in an opposite direction so that the everted wrapping envelopes the inner tubular member. Alternatively, the inner tubular member may be passed into a stuffer tube having an impermeable tube thereon that is everted onto the moving tubular member to encapsulate the inner tubular member. The inner tubular member may be passed through an open resin impregnation tank to impregnate the impregnable material prior to everting the outer layer thereon. The inner tubular member may have an inner layer of impermeable material bonded thereto. It may be formed into a tube with the impermeable layer on the outside and continuously everted to place the impermeable layer on the inside of the tube.



(54) Title of the invention: METHOD OF TREATMENT FOR UNDESIRE EFFECT FOLLOWING TRANSDERMAL OR TOPICAL DRUG DELIVERY

(51) International classification :A61F 13/00;A61K 9/70
 (31) Priority Document No :2003906842
 (32) Priority Date :10/12/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001738
 Filing Date :09/12/2004
 (87) International Publication No :WO 2005/056103
 (61) Patent of Addition 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)HUMBERSTONE, ANDREW, JONATHAN

2)WILKINS, NINA, FRANCES

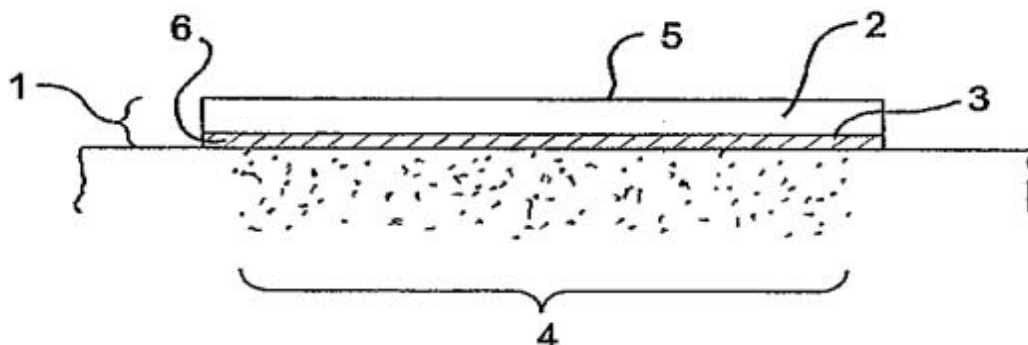
3)GONDA, IGOR

No of Pages : 31

No of Claims : 17

(57) Abstract :

This invention relates to a method for inhibiting the percutaneous absorption of a physiologically active agent topically applied to a transdermal administration site of a subject, the method including the step of applying to skin of the subject at the transdermal administration site, a device (1, 7) comprising a membrane (8) for contacting the skin of the subject coated on the skin contacting side thereof (11) with a layer of an adhesive (10).



(54) Title of the invention: AZEPINOINDOLE DERIVATIVES AS PHARMACEUTICAL AGENTS

(51) International classification :C07D 487/04
 (31) Priority Document No :10/895,431
 (32) Priority Date :02/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :
 Filing Date PCT/US2004/040352
 (87) International Publication No :WO 2005/056554
 (61) Patent of Addition 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 :170 HARBOUR WAY, P.O.BOX 511, SOUTH SAN FRANCISCO, CALIFORNIA 94083-0511 U.S.A.

(72)Name of Inventor :

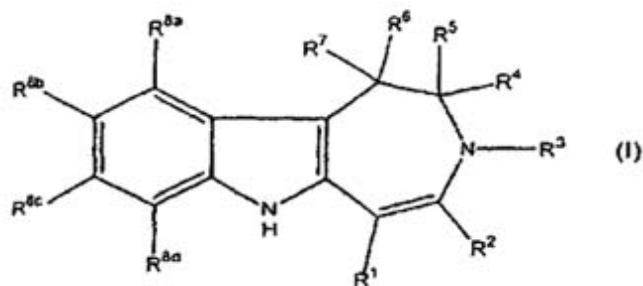
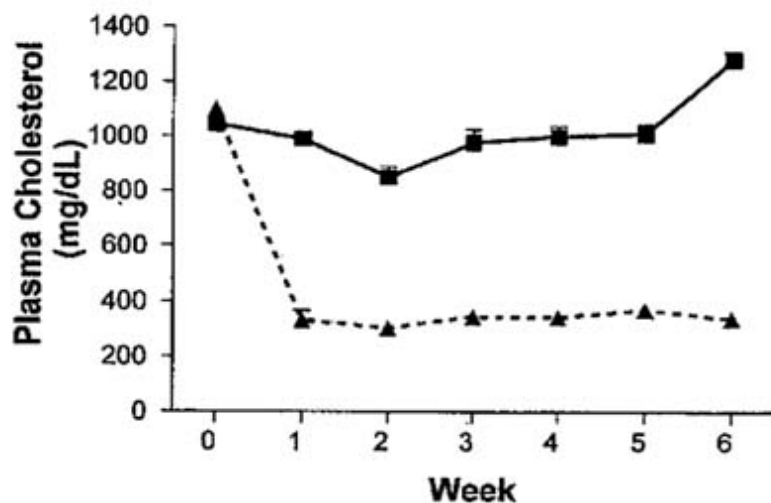
1)BUSCH, BRETT**2)FLATT, BRENTON, T****3)GU, XIAO-HUI****4)MARTIN, RICHARD****5)MOHAN, RAJU****6)WANG, TIE-LIN****7)WU, JASON, H.**

No of Pages: 235

No of Claims : 67

(57) Abstract:

Compounds for use in pharmaceutical compositions and methods for modulating the activity of nuclear receptors are provided. In particular, compounds for use in compositions and methods for modulating the farnesoid X receptors, and/or orphan nuclear receptors, are provided: formula (I) or a pharmaceutically acceptable derivative thereof; wherein: R is -C(J)or, -C(J)sr and -C(J)N(R)R, J is O, S or NR, R is hydrogen, halo or optionally substituted alkyl; R is -C(O)R, R, R, and R and R and R are as described in the claims.



(54) Title of the invention: ANTENNA ARRANGEMENT AND GLAZING FURNISHED WITH SUCH AN ANTENNA ARRANGEMENT

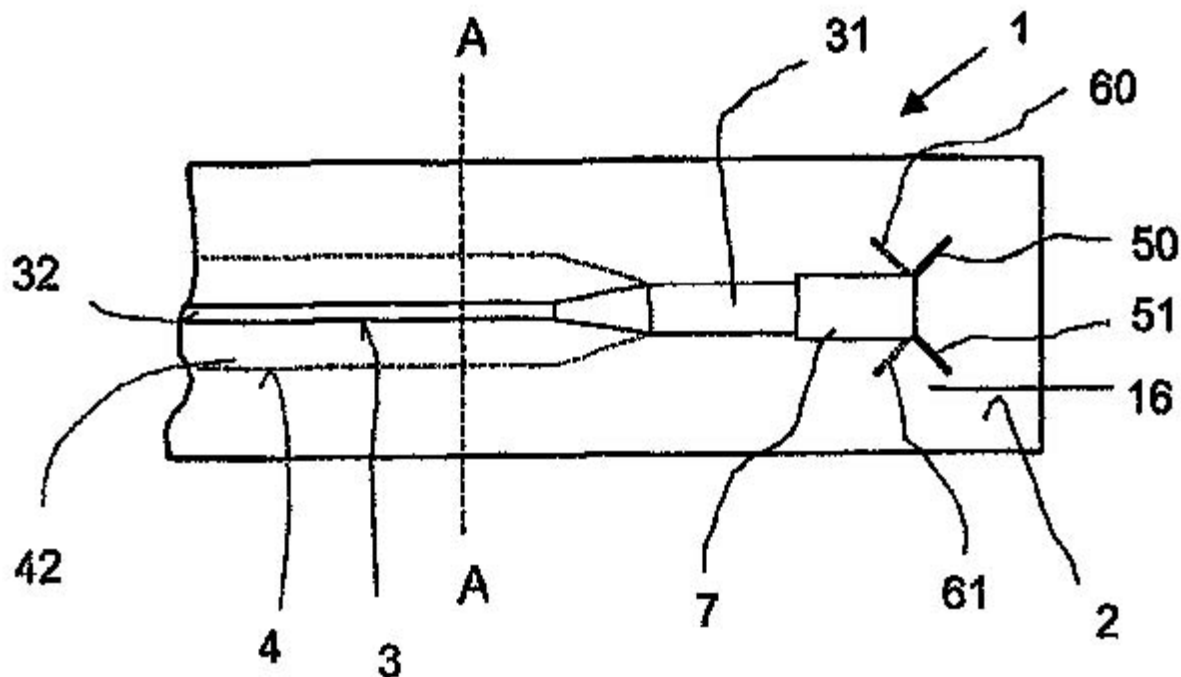
(51) International classification	:H01Q1/12; H01Q9/06	(71)Name of Applicant :
(31) Priority Document No	:10351488.0	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:04/11/2003	Address of Applicant :LES MIROIRS, 18 AVENUE D'ALSACE F-
(33) Name of priority country	:Germany	92400 COURBEVOIE France
(86) International Application No	:PCT/FR04/050563	(72)Name of Inventor :
Filing Date	:04/11/2004	1)URBAN, THOMAS
(87) International Publication No	:WO/2005/045987	2)MAUSER, HELMUT
(61) Patent of Addition to Application Number	:NA	3)VORTMEIER, GUNTHER
Filing Date	:NA	4)DURKOP, DETLEV,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 22

No of Claims: 25

(57) Abstract:

The invention relates to an antenna arrangement (1) for emitting and receiving electromagnetic signals. The antenna arrangement (1) comprises: a flat supporting substrate (2) made of a dielectric material; a first conductor track (32) applied to a surface of the supporting substrate (2), said first conductor track (32) having, at one end, a contact point for collecting or injecting the signals and having a first dipole (50, 51) at the opposite end; a second conductor track (42) applied to the other surface of the supporting substrate (2), the second conductor track (42) having, at one end, a contact point for collecting or injecting the signals and having a second dipole (60, 61) at the opposite end. The first and second dipoles (50, 51, 60, 61) form a crossed dipole.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1499/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: PESTICIDAL COMPOSITION

(51) International classification :A01N65/00

(31) Priority Document No :0327864.5

(32) Priority Date :02/12/2003

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2004/005063

Filing Date :02/12/2004

(87) International Publication No :WO 2005/053395

(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)PLANT IMPACT PLC.

Address of Applicant :ST. JAME'S COURT, BROWN STREET,
MANCHESTER LANCASHIRE M2 2JF U.K.

(72)Name of Inventor :

1)MARKS, DAVID

No of Pages: 31

No of Claims : 18

(57) Abstract:

A pesticidal composition comprising (i) one or more essential oils selected from tagetes oil or a thymol containing oil such as thyme oil, or a mixture thereof, or components thereof which have insect repellent or deterrent properties, which have insect repellent or deterrent properties, wherein the total amount of such oil present does not exceed 10%w/w; (ii) an agriculturally acceptable carrier oil and (iii) an emulsifier. In particular, the composition further comprises a compound, which remediates symptoms of viral infection, such as wintergreen oil. Use Of Compositions of this type in agriculture controls pests whilst reducing the amount of essential oil required. Furthermore, a combined effect of controlling insects, preventing reinfestation and viral symptom remediation is obtainable.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: COMBINATION OF FLUPIRTINE AND TRAMADOL

(51) International classification :A61P 25/04

(31) Priority Document No :60/529,761

(32) Priority Date :17/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP04/014025

Filing Date :09/12/2004

(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:**

1)VIATRIS GMBH & CO KG.,

Address of Applicant :WEISMULLERSTR. 45, D-60314
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(72)**Name of Inventor :**

1)MAUS, JOACHIM,

2)CNOTA, PETER JURGEN,

3)SZELENYI , ISTVAN,

No of Pages : 15

No of Claims : 12

(57) Abstract :

The subject of the present invention is to provide a combination of two centrally acting analgesics, flupirtine and tramadol, or their respective pharmaceutically acceptable salts for the treatment of pain.

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: IMPLANT

(51) International classification	:A61C 8/00
(31) Priority Document No	:0303324.8
(32) Priority Date	:11/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001804
Filing Date	:06/12/2004
(87) International Publication No	:WO 2005/055858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

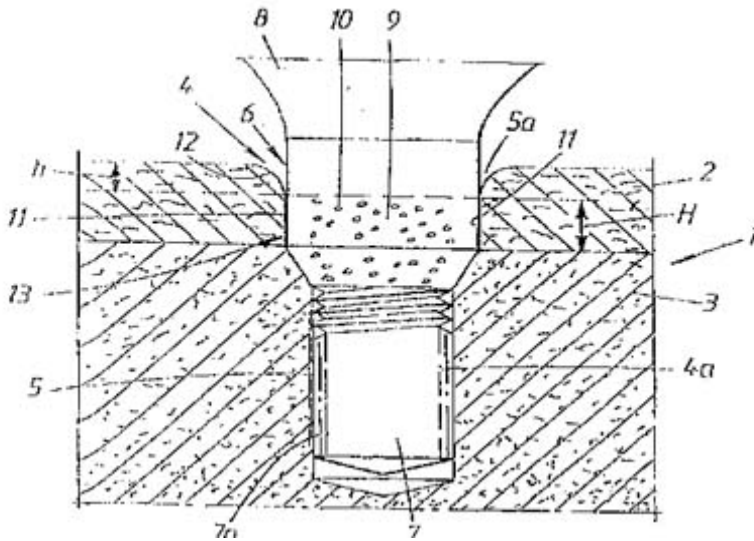
(71) **Name of Applicant:**
1) NOBEL BIOCARE AB (PUBL)
 Address of Applicant: BOX 5190, S-402 26 GOTEBOG Sweden
 (72) **Name of Inventor :**
1) HALL, JAN

No of Pages : 13

No of Claims : 10

(57) Abstract:

An implant (4) is intended to be fitted in a hole (5 formed in a jawbone (1). The implant comprises an outer surface (9) which can interact with the soft tissue or connective tissue (2) of the jaw bone and which can be placed at the mouth (6) of the hole. The surface (9) is provided with one or more porous outer layers (10) intended to promote integration between the surface and the soft tissue (2) and to counteract penetration of organisms or bacteria that cause inflammation. By means of this arrangement, continued and substantial integration is maintained between the surface and the tissue. Previous production methods for the implant can be retained with only minor modifications.



(54) Title of the invention: IMPLANT

(51) International classification :A61C8/00;
A61C8/00
(31) Priority Document No :0303322.2
(32) Priority Date :11/12/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2004/001805
Filing Date :06/12/2004
(87) International Publication No :WO 2005/055859
(61) Patent of Addition 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 :BOX 5190 S-402 26 GOTEBOG Sweden

(72)Name of Inventor :

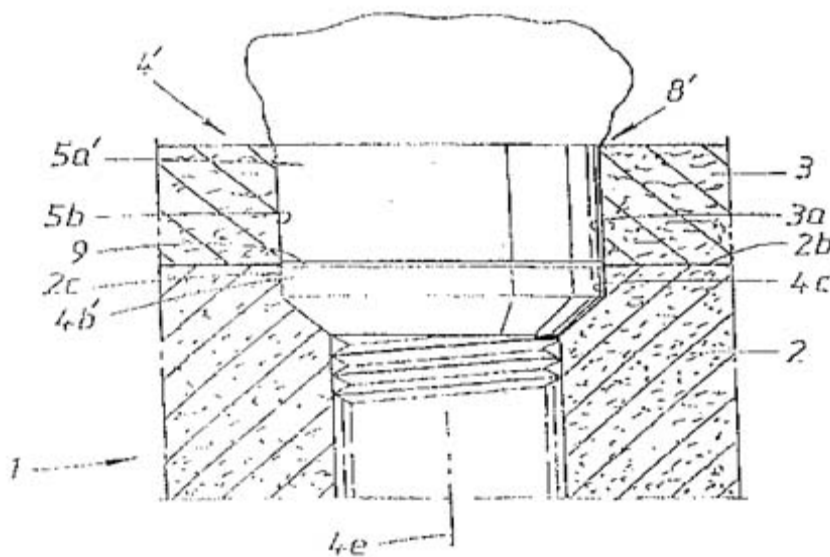
1)HALL, JAN

No of Pages : 11

No of Claims : 10

(57) Abstract :

An implant (1) is designed to be fitted in a hole (2a) formed in jaw bone (2) and soft tissue (3). The implant comprises a portion (4b') to be placed against the upper edge of the jaw bone. Along most of its peripheral extent, the portion (4b') is provided with grooves (9,9') or recesses designed to stimulate bone movement and ingrowth (10) of bone. The bone ingrowth (10) forms a barrier against substantial or visible subsidence, around the portion, of the bone (2) with overlying soft tissue (3). The invention permits a good esthetic result and prevents bacteria from penetrating into the internal parts of the implant and of the hole.



(54) Title of the invention: "A MAN-MACHINE INTERFACE METHOD AND DEVICE"

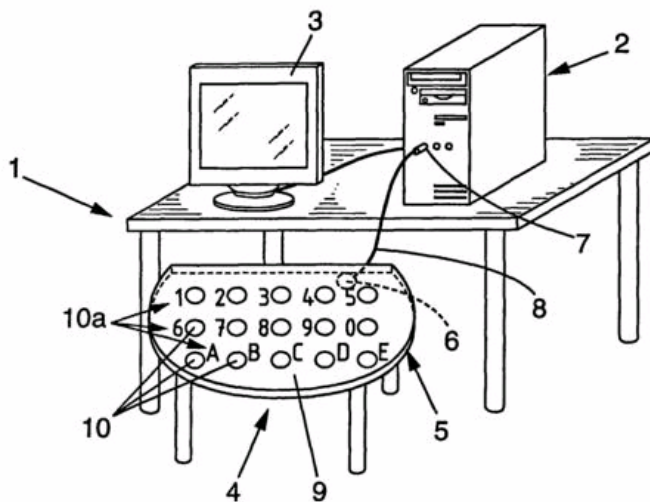
(51) International classification	:G06F3/033; G06F3/033	(71) Name of Applicant: 1) SENSITIVE OBJECT
(31) Priority Document No	:03 14165	Address of Applicant: 8 RUE DANJOU, 92100, BOULOGNE-
(32) Priority Date	:02/12/2003	BILLANCOURT, France
(33) Name of priority country	:France	(72) Name of Inventor:
(86) International Application No	:PCT/FR04/03047	1) ING ROS KIRI
Filing Date	:26/11/2004	
(87) International Publication No	:WO 2005/057393	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract:

A man-machine interface method comprising generating physical interactions with active zones (10) belonging to an interface object (5), the active zones being associated with predetermined items of information, detecting the active zones where interactions occur by measuring at least one physical magnitude, and associating each detected interaction with the corresponding predetermined item of information. The active zones are defined for a predetermined finite length of time and they are then deactivated at the end of said predetermined finite length of time and they are then deactivated at the end of said predetermined length of time, and when interactions with the interface object are detected while the active zones are deactivated, the active zones are automatically redefined as a function of the first detected interactions.



(54) Title of the invention: CONCRETE RECLAMATION APPARATUS

(51) International classification :B28C5/00
 (31) Priority Document No :10/756,215
 (32) Priority Date :12/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000659
 Filing Date :10/01/2005
 (87) International Publication No :WO 2005/067671
 (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) CONNARD III, LESLIE, R.

Address of Applicant: C/O CONCRETE SLURRY SOLUTIONS, 1156 STEFFEN STREET, GLENDORA, CA 91741 U.S.A.

(72)Name of Inventor :

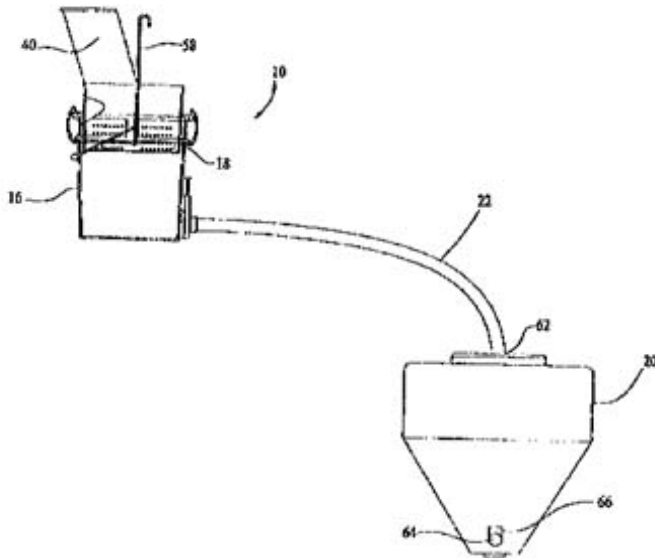
1)CONNARD III, LESLIE, R.

No of Pages : 20

No of Claims : 6

(57) Abstract:

An apparatus (10) which is useful in the separation of solids from a diluted, wet, concrete mixture has (a) a free-standing first container (16) with a drain port (24) and a top opening (26), (b) a strainer (18) disposed within the first container (16), (c) a drain port shut-off valve (56), (d) a second container (20) capable of providing a reservoir for recovered liquid, and (e) a transfer conduit (22) for allowing effluent from the drain port (24) of the first container (16) to gravitate into the second container (20).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1506/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: A STAINLESS STEEL STRIP COATED WITH A METALLIC LAYER

(51) International classification	:C23C 14/56
(31) Priority Document No	:0302902-2
(32) Priority Date	:04/11/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001603
Filing Date	:03/11/2004
(87) International Publication No	:WO 2005/042797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

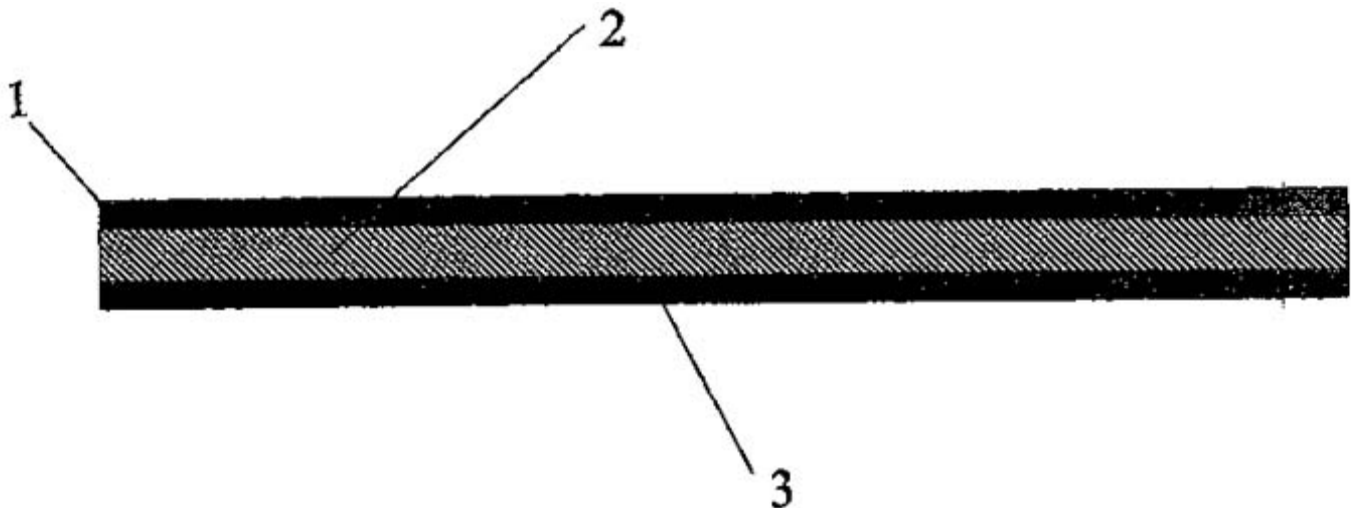
(71)**Name of Applicant :**
1)SANDVIK INTELLECTUAL PROPERTY AB
Address of Applicant :S-811 81 SANDVIKEN Sweden
(72)**Name of Inventor :**
1)HOLMBERG, HÅ...KAN

No of Pages: 18

No of Claims : 12

(57) Abstract:

The invention provides a coated high strength stainless steel strip product with a dense and evenly distributed metallic layer on one side or both sides of said strip. Said layer consists of essentially pure gold, copper, nickel, cobalt, molybdenum, silver, tin or tungsten or alloys of at least 2 of these metals, the thickness of said layer is preferably maximally 15 Åµm, the tolerance of said layer is maximally +/- 30 % of the layer thickness, the Cr content of the steel strip substrate is at least 10%, and that the layer has such a good adhesion so that the coated steel strip can be uniaxially stretched to fracture by tensile testing without showing any tendency to peeling, flaking or the like. The metal-coated strip product is suitable for use in applications that are load carrying and must be able to transfer electrical currents to a contracting surface without an electrical conductivity drop at the interface between the surfaces.



(54) Title of the invention: ELECTRONIC APPARATUS AND ENCLOSURE EMPLOYING SUBSTANTIALLY CO-PLANAR PORTIONS WITH MATING CRENELLATIONS

(51) International classification :H05K9/00;
H05K9/00
(31) Priority Document No :10/727,921
(32) Priority Date :04/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/003963
Filing Date :02/12/2004
(87) International Publication No :WO 2005/055686
(61) Patent of Addition 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 :1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO. U.S.A.

(72)Name of Inventor :

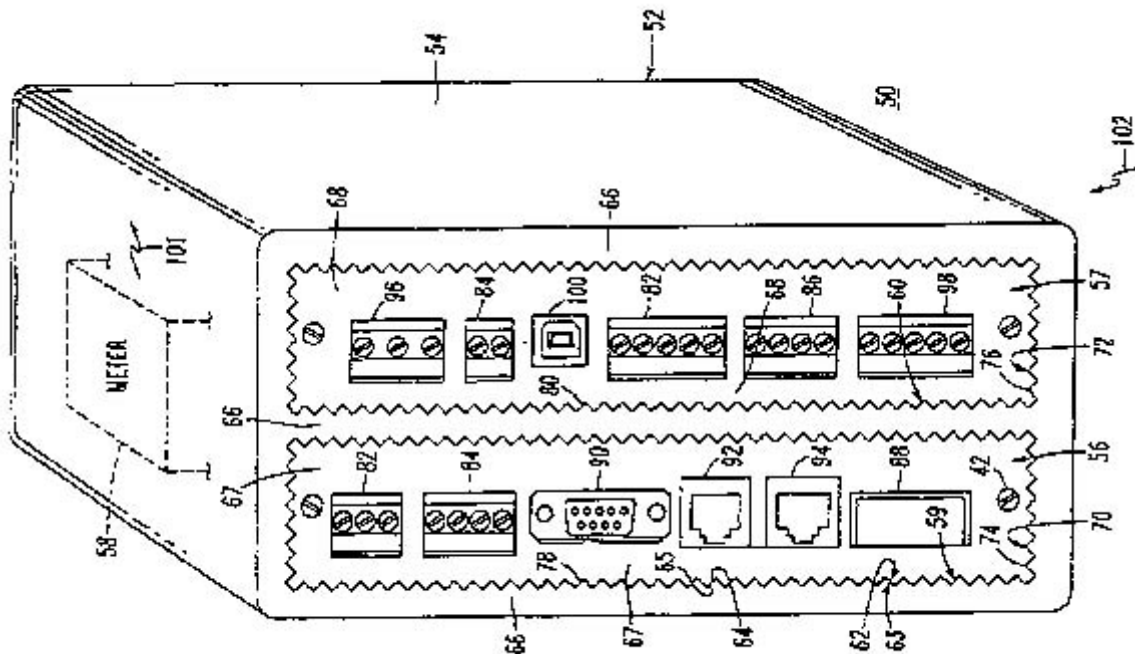
1)COX, ROGER W.

No of Pages : 15

No of Claims : 16

(57) Abstract:

An electronic apparatus, such as a meter, includes an enclosure having a first housing portion with an opening and a second front plate portion. Meter circuitry is mounted within the enclosure. The second front plate portion mates with the first housing portion within the opening and forms an interface joint. The housing and front plate portions are at least substantially co-planar proximate the interface joint and include a plurality of mating crenellations. These mating crenellations, such as serrations, reduce electromagnetic interference radiation to or from the enclosure when the housing and front plate portions are mated together.



(54) Title of the invention: DOCKING BUFFER

(51) International classification :B65G69/00
 (31) Priority Document No :103 58 041.7
 (32) Priority Date :05/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2004/002489
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/056442
 (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)DEUTSCHE POST AG

Address of Applicant :HEINRICH- VON-STEPHAN-STR.1 D-53175 BONN Germany

(72)Name of Inventor :

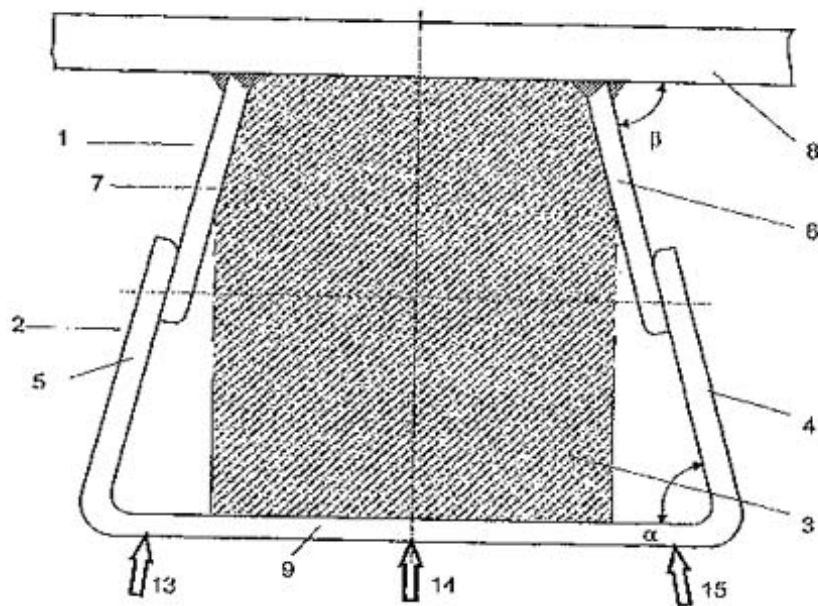
1)OTT, RAINER**2)SCHMATZ, HANS**

No of Pages: 10

No of Claims : 5

(57) Abstract:

Docking buffer to be attached to ramps, especially loading ramps and loading bridges, with elastic damping element 3 between two U-shaped parts 1;2 made of hard, shock-resistant material the limbs of which 4;5 and 6;7 are located next to one another and can be displaced in relation to one another, the limbs 4;5 of the U-shaped part 2 are convergent around an angle α deviating from 90° to a base plate 9 and the limb 6;7 of the U-shaped part 1 are convergent around an angle β deviating from 90° to a base plate 8, whereby the opening widths between the ends of the limbs 4;5 and 6;7 and the sizes of the angles α ; β are selected so that the limbs 4;5 enclose limbs 6;7. The invention has the advantage that it is a simple design and therefore an inexpensively produced docking buffer which assures protection from an indirect impact. By means of greater width of the moveable part compared to the immoveable part there is a larger impact surface for the docking vehicle.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1509/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: METHOD OF STORING AND REPRODUCING CONTENTS

(51) International classification	:H04M 1/725	(71) Name of Applicant :
(31) Priority Document No	:10-2003-0097574	1)SAMSUNG ELECTRONICS CO.,LTD.
(32) Priority Date	:26/12/2003	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU,
(33) Name of priority country	:Republic of Korea	SUWON-SI, GYEONGGI-DO Republic of Korea
(86) International Application No	:PCT/KR04/003438	(72) Name of Inventor :
Filing Date	:24/12/2004	1)HYUN-WOOK CHO
(87) International Publication No	:WO 2005/064959	2)DAE-GYUE PARK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 16

No of Claims: 19

(57) Abstract:

A method of storing and reproducing contents in a terminal capable of storing and outputting contents such as pictures or music is provided. When the terminal connects to a contents server and downloads contents from the contents server, it stores the downloaded contents along with its terminal identification information. When reproducing stored contents, the terminal compares terminal identification information attached to the contents with its terminal identification. If they are identical, the terminal reproduces the contents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1510/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: MULTICOMPONENT FIBER WITH POLYARYLENE SULFIDE COMPONENT

(51) International classification	:D01F 8/06	(71) Name of Applicant :
(31) Priority Document No	:10/728,071	1)TICONA LLC,
(32) Priority Date	:04/12/2003	Address of Applicant :90 MORRIS AVE. SUMMIT, NJ 07901 U.S.A.
(33) Name of priority country	:U.S.A.	2)FIBER INNOVATION TECHNOLOGY, INC.
(86) International Application No	:PCT/US04/040602	(72) Name of Inventor :
Filing Date	:06/12/2004	1)HODGE, MICHAEL, A.
(87) International Publication No	:WO 2005/056895	2)SRINIVASAN, RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 19

No of Claims : 16

(57) Abstract:

Multicomponent fibers having an outer exposed surface include a polyarylene sulfide polymer component and at least one additional component formed of a different polymer. The polyarylene sulfide polymer component forms the entire exposed surface of the fiber and imparts good thermal and chemical resistance to the fiber.

(54) Title of the invention: OPTICAL BRIGHTENER AND METHOD OF PREPARING IT

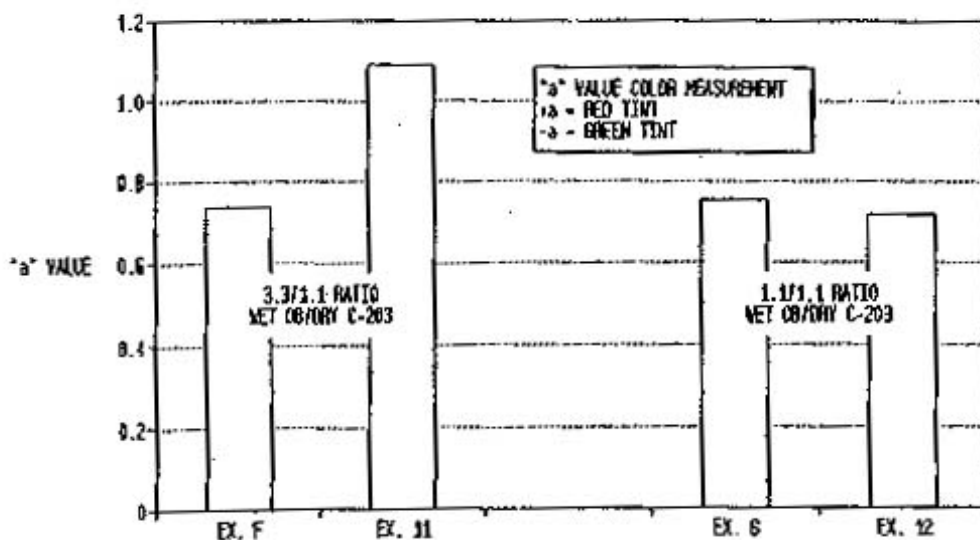
(51) International classification	:C08K5/00; C08L29/00	(71)Name of Applicant :
(31) Priority Document No	:10/731,495	1)CELANESE INTERNATIONAL CORPORATION,
(32) Priority Date	:09/12/2003	Address of Applicant :1601 WEST LBJ FREEWAY, DALLAS, TX
(33) Name of priority country	:U.S.A.	75234, U.S.A.
(86) International Application No	:PCT/US2004/040963	(72)Name of Inventor :
Filing Date	:08/12/2004	1)MILLER, GERALD D.
(87) International Publication No	:WO 2005/056658	2)MITCHELL, CRAIG E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 32

(57) Abstract:

The present invention relates generally to an improved method of preparing aqueous coating compositions including an optical brightener and a polyvinyl alcohol resin, the improvement being directed to cooking a slurry to dissolve the polyvinyl alcohol resin subsequent to the addition of optical brightener and polyvinyl alcohol resin to the slurry at a temperature above about 160Å° F for at least about 5 minutes. The invention enables preparation with lower water content without compromising brightness and color. Particularly preferred is the addition of dry resin and/or dry brightener to provide high solids mixtures. Another aspect of the invention is a dry, particulate blend of brightener and PVOH resin. Disclosed is a method of preparing an optical brightener/PVOH aqueous concentrate comprising the sequential steps of: (a) providing an aqueous brightener composition including water and optical brightener active ingredient, wherein the optical brightener active ingredient is typically present in the aqueous brightener composition in an amount of from about 10% to about 25%; (b) admixing a polyvinyl alcohol resin with said aqueous optical brightener composition in an amount of about 1 part of dry polyvinyl alcohol resin per 0.5 to 10 wet parts of aqueous brightener composition to provide a nascent aqueous concentrate of polyvinyl alcohol resin and optical brightener; and (c) cooking the aqueous concentrate to dissolve the solids typically at a temperature of from about 175Å° F to about 210 Å° F for a time of from about 10 minutes to about 120 minutes to provide a conked brightener/polyvinyl alcohol concentrate.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1512/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention: SECURE, STANDARDS-BASED COMMUNICATIONS ACROSS A WIDE-AREA NETWORK

(51) International classification		:G06F 9/00;G06F 15/16	(71) Name of Applicant: 1) NEXTHOP TECHNOLOGIES, INC. Address of Applicant: 825 VICTORS WAY, SUITE 100, ANN ARBOR, MI 48108, U.S.A.
(31) Priority Document No		:60/516,997	(72) Name of Inventor:
(32) Priority Date		:04/11/2003	1)BHANDARU, NEHRU
(33) Name of priority country		:U.S.A.	2)CARRAFIELLO, MICHAEL
(86) International Application No		:PCT/US2004/036948	3)COOK, MICHAEL
Filing Date		:04/11/2004	4)GAIDOS, WEBSTER
(87) International Publication No		:WO 2005/045642	5)HASSAN, OWAIS
(61) Patent of Addition to Application Number		:NA	6)HARES, SUSAN
Filing Date		:NA	7)LEW, ALBERT
(62) Divisional to Application Number		:NA	8)MORRIS, DAVID
Filing Date		:NA	9)MUELLER, MARTIN
			10)VAKULENKO, MICHAEL

No of Pages : 92

No of Claims : 11

(57) Abstract:

The invention includes systems and methods to extend security from enterprise networks to wide-area networks by allowing secure connectivity to the enterprise layer 2 network across a wide-area layer 3 network, such as the Internet.

(54) Title of the invention: OPTIMIZED PUSH-TO-TALK CALL SETUP

(51) International classification :H04Q 7/28;H04Q 7/38
 (31) Priority Document No :10/730,520
 (32) Priority Date :08/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040643
 Filing Date :03/12/2004
 (87) International Publication No :WO 2005/057967
 (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)KYOCERA WIRELESS CORP.

Address of Applicant :10300, CAMPUS POINT DRIVE, SAN DIEGO, CA 92121 U.S.A.

(72)Name of Inventor :

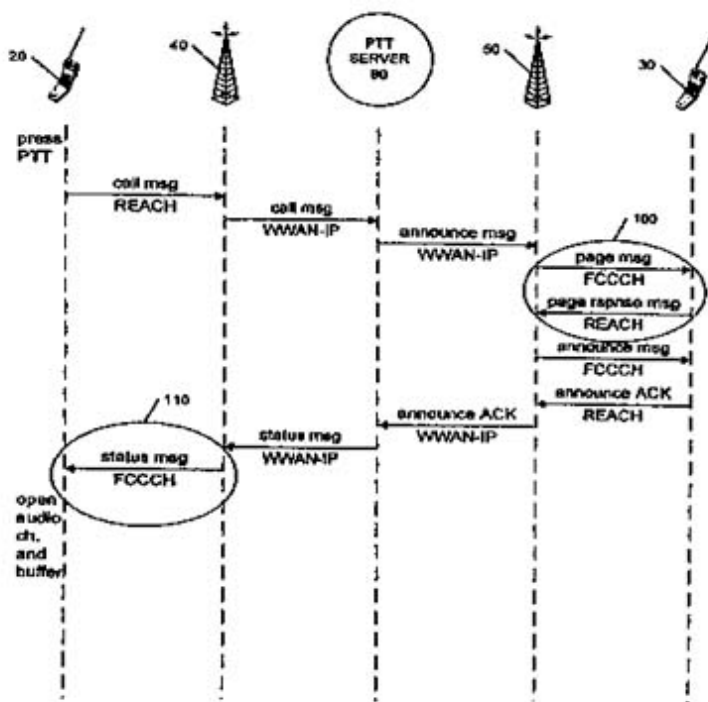
1)HASSAN, TARIQ, A.**2)SADAGOPAN, VIJAYKRISHNA**

No of Pages : 26

No of Claims: 11

(57) Abstract:

A requesting handset in a wireless communication network sends a call message requesting a push-to-talk connection with a target handset. In response, a push-to-talk server sends a connection status message to the requesting handset. The connection status message is sent to the requesting handset in a control channel such as the forward common control channel. The requesting handset indicates to the caller that the connection has been made with the target handset, turns on the audio channel, and buffers any audio received from the caller until the traffic channel has been established. Once the traffic channel is established, any buffered audio is sent over the traffic channel and the push-to-talk call ensues.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1514/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43)Publication Date : 04/05/2007

(54) Title of the invention: "VIRTUAL PRIVATE NETWORK WITH PSEUDO SERVER".

(51) International classification	:G06F 1/14;G06F 11/30	(71) Name of Applicant : 1)CITRIX GATEWAYS, INC. Address of Applicant :180, BAYTECH DR., SAN JOSE, CA 95134, U.S.A.
(31) Priority Document No	:60/518,305	(72) Name of Inventor :
(32) Priority Date	:11/11/2003	1)RAO, GOUTHMAN, P.
(33) Name of priority country	:U.S.A.	2)RODRIGUEZ, ROBERT
(86) International Application No	:PCT/US2004/037918	3)BRUEGGEMANN, ERIC
Filing Date	:12/11/2004	
(87) International Publication No	:WO 2005/048106	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 26

No of Claims : 23

(57) Abstract :

A system, apparatus and a method for implementing a secured communications link at a layer other than that at which packets are filtered are disclosed. In one embodiment, a computer system is configured to form a virtual private network ("VPN") and comprises an address inspection driver to identify initial target packet traffic addressed to a target server. Also, the computer system includes a pseudo server module to receive rerouted initial target packet traffic from the address inspection driver. The pseudo server module is configured to convey packet regeneration instructions to a VPN gateway. The address inspection driver functions to identify additional target packet traffic addressed to the target server and routes the additional target packet traffic to the pseudo server. In one embodiment, the pseudo server is configured to strip header information from the additional target packet traffic to form a payload, and thereafter, to route the payload to the target server.

(54) Title of the invention: "METHODS AND SYSTEMS FOR IMPROVING A SEARCH RANKING USING ARTICLE INFORMATION"

(51) International classification :G06F 17/30
 (31) Priority Document No :10/749,434
 (32) Priority Date :31/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038562
 Filing Date :17/11/2004
 (87) International Publication No :WO 2005/066841
 (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)GOOGLE INC.Address of Applicant :1600 AMPHITHEATRE PARKWAY,
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(72)Name of Inventor :

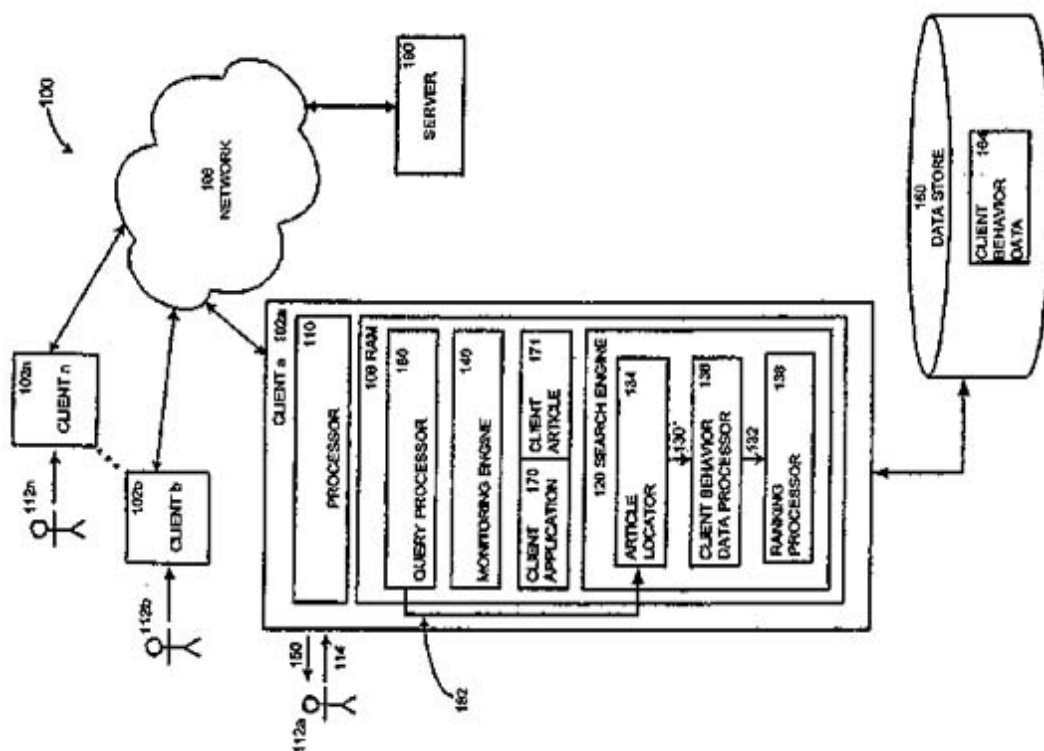
1)LAWRENCE STEPHEN**2)KAHN OMAR****3)BHATLA NIKHIL**

No of Pages : 40

No of Claims : 61

(57) Abstract:

Systems and methods that improve client-side searching are described. In one aspect, a system and method for receiving a search query, determining a relevant article associated with the search query, and determining a ranking score for the relevant article based at least in part on client-side behavior data associated with the relevant article is described.



(54) Title of the invention: "METHODS AND SYSTEMS FOR PERSONALIZED NETWORK SEARCHING".

(51) International classification :G06F 17/30
 (31) Priority Document No :10/726,410
 (32) Priority Date :03/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039176
 Filing Date :22/11/2004
 (87) International Publication No :WO 2005/062210
 (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) GOOGLE INC.Address of Applicant: 1600, AMPHITHEATRE PARKWAY,
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(72)Name of Inventor :

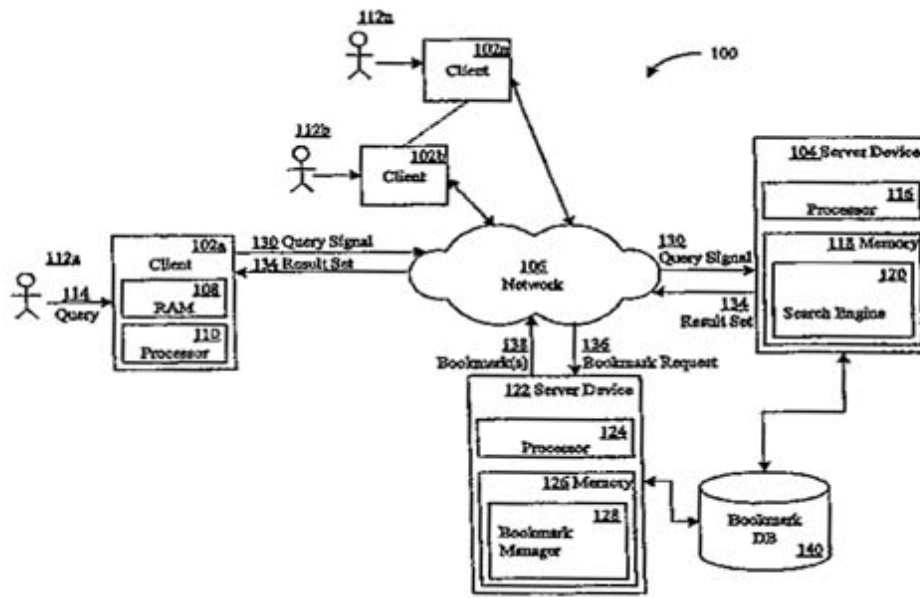
1)BADROS, GREGORY, J.**2)LAWRENCE, STEPHEN, R.**

No of Pages: 29

No of Claims : 48

(57) Abstract:

Systems and methods for personalized network searching are described. A search engine implements a method comprising receiving a search query, determining a personalized result by searching a personalized search object using the search query, determining a general result by searching a general search object using the search query, and providing a search result for the search query based at least in part on the personalized result and the general result. The search engine may utilize ratings or annotations associated with the previously identified uniform resource locator to locate and sort results.



(54) Title of the invention: DIRECTED FLOOD OF PUSH-TO-TALK ANNOUNCE MESSAGE

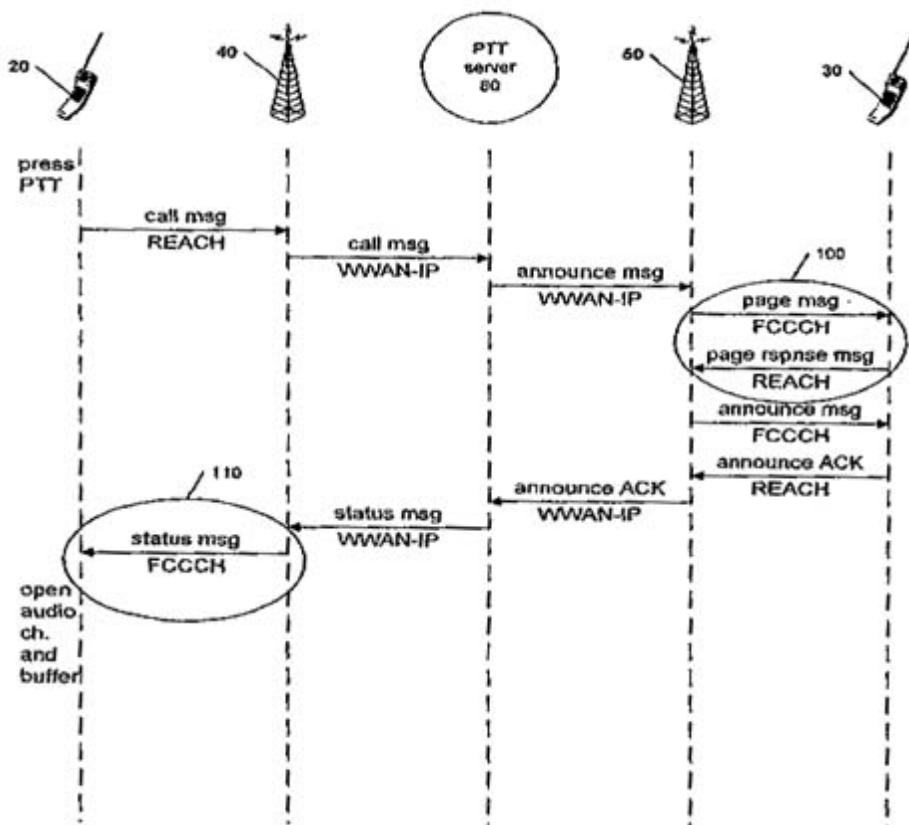
(51) International classification	:H04L 12/56;H04Q 7/28	(71)Name of Applicant :
(31) Priority Document No	:10/730,519	1)KYOCERA WIRELESS CORP.
(32) Priority Date	:08/12/2003	Address of Applicant :10300, CAMPUS POINT DRIVE, SAN
(33) Name of priority country	:U.S.A.	DIEGO, CA 92121 U.S.A.
(86) International Application No	:PCT/US2004/040596	(72)Name of Inventor :
Filing Date	:03/12/2004	1)HASSAN, TARIQ, A.
(87) International Publication No	:WO 2005/057868	2)SADAGOPAN, VIJAYKRISHNA
(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 : 14

(57) Abstract :

A target handset in a wireless communication network receives a PTT call announce message that is broadcast over a plurality of base stations without first sending a page message to precisely locate the target handset. The plurality of base stations cover a geographic region in which the target handset is expected to be located. Accordingly, the call setup delay introduced by first broadcasting a page message to precisely locate the target handset is eliminated. The additional burden on the network to broadcast the larger announce message is negligible because the bandwidth available in the forward common control channel ("FCCCH") is sufficient to handle the larger message with no degradation to the network. Additionally, the announce message can be streamlined to reduce its data size and thereby minimize any additional burden on the network.



(54) Title of the invention: "LONGITUDINALLY REINFORCED CURED IN PLACE LINER"

(51) International classification :B29C63/00;B29C63/06
 (31) Priority Document No :10/704,487
 (32) Priority Date :07/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036621
 Filing Date :03/11/2004
 (87) International Publication No :WO 2005/046973
 (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)INA ACQUISITION CORP.

Address of Applicant :SUITE 1410, NEMOURS BUILDING, 1007 ORANGE STREET, WILMINGTON, DE 19801, U.S.A.

(72)Name of Inventor :

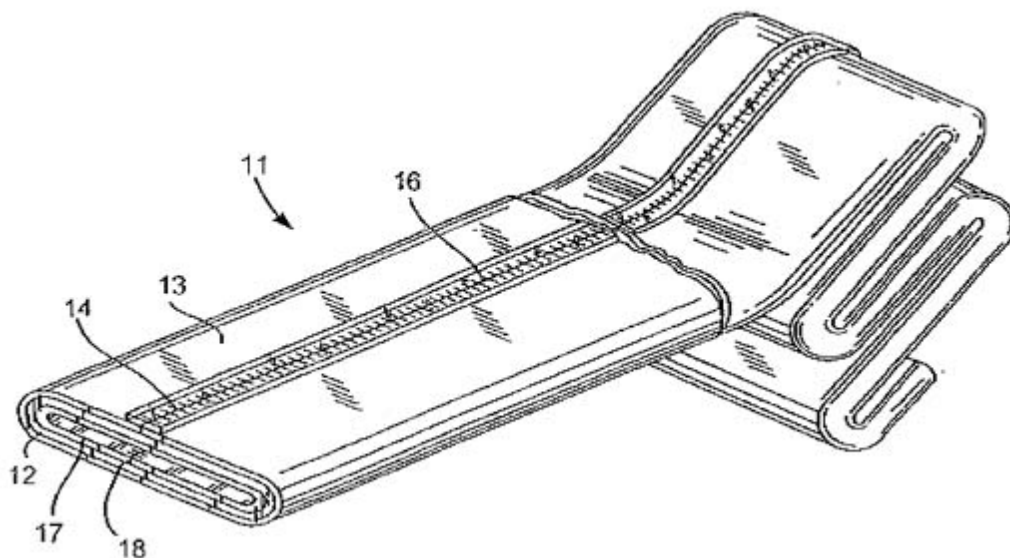
1)DRIVER FRANKLIN THOMAS**2)WANG WEIPING**

No of Pages: 23

No of Claims: 13

(57) Abstract:

A longitudinally reinforced resin impregnated cured in place liner (21) with a reinforcing scrim (33) to limit longitudinal stretch is provided. A continuous length of resin impregnated tube is provided in lay flat condition and impregnated and a scrim (33) having greater strength in the warp direction than in the weft direction is placed on a portion of the bottom of the tube that is then feed into a tubular former where an impermeable film (31) is formed into a tube sealed and continuously everted about the inner tubular member and scrim travelling in an opposite direction so that the everted wrapping envelopes the tubular member. The reinforced tube may have an integral inner impermeable layer that is installed in an existing pipeline by the pull-in-and inflate method.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1519/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR CUSTOMIZING TRAVEL DIRECTIONS".

(51) International classification :G01C 21/00

(31) Priority Document No :60/528,109

(32) Priority Date :08/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/041679

Filing Date :08/12/2004

(87) International Publication No :WO 2005/057380

(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)GOOGLE INC.

Address of Applicant :1600,AMPHITHEATRE
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(72)Name of Inventor :

1)RASMUSSEN, LARS, EILSTRUP

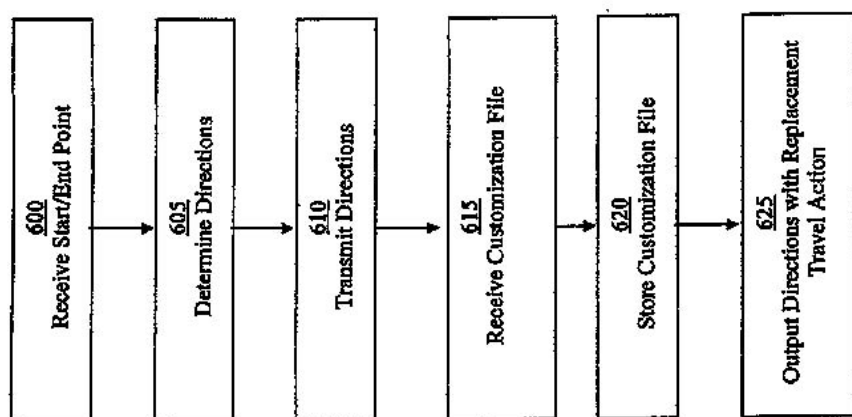
2)RASMUSSEN, JENS, EILSTRUP

No of Pages : 58

No of Claims : 37

(57)Abstract:

Various methods, systems, and apparatuses for customizing travel actions in travel directions are disclosed. One method and apparatus includes providing a first set of travel directions to a user, the travel directions including at least one travel action, receiving at least one selected travel action and a replacement travel action from the user associated with the first set of travel directions, and outputting a second set of travel directions associated with the at least one selected travel action and the replacement travel action. Another method and apparatus includes obtaining travel directions based on a start point and an end point, comparing travel actions from the travel directions with a customization file, the customization file including at least one selected travel action and a replacement travel action, determining that at least one travel action in the travel directions is the same as the at least one selected travel action, and integrating the replacement travel action into the travel directions.



(54) Title of the invention : "RESIN IMPREGNATION TOWER FOR CURED IN PLACE LINER"

(51) International classification :B29C63/00
 :B29C63/06
 (31) Priority Document No :10/704,461
 (32) Priority Date :07/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036629
 Filing Date :03/11/2004
 (87) International Publication No :WO 2005/047758
 (61) Patent of Addition 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 :SUITE 1410, NEMOURS BUILDING, 1007 ORANGE STREET, WILMINGTON, DE 19801 U.S.A.

(72)Name of Inventor :

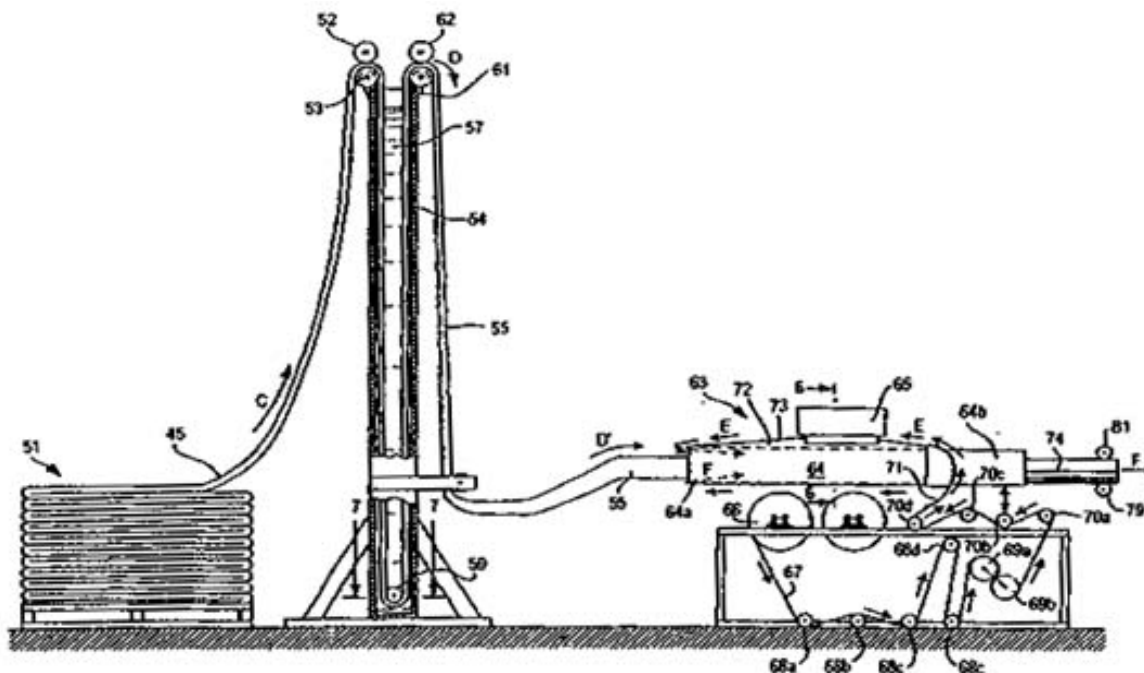
1)DRIVER FRANKLIN THOMAS**2)WANG WEIPING**

No of Pages : 22

No of Claims : 13

(57)Abstract:

A non-pressurized resin impregnation tower (54) for continuously impregnating the resin impregnable layer of a tubular cured in place liner (55) is provided. The tower (54) is at a height to provide sufficient resin pressure head to impregnate the resin impregnable layer fully. The resin impregnated tube (55) is fed into the top of the tower (54), drawn down about a roller at the bottom, removed from the top of the tower (54) and then wrapped with an outer impermeable coating. The impregnated liner (55) is suitable for pull-in-and-inflate method of installation or may be inverted. For liners formed with an inner impermeable layer, the Liner is suitable for curing with steam.



(54) Title of the invention : "INSTALLATION OF CURED IN PLACE LINER WITH INNER IMPERMEABLE LAYER AND APPARATUS"

(51) International classification	:F16L 55/165
(31) Priority Document No	:10/704,274
(32) Priority Date	:07/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036628
Filing Date	:03/11/2004
(87) International Publication No	:WO 2005/047757
(61) Patent of Addition 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 :SUITE 1410, NEMOURS BUILDING, 1007 ORANGE STREET, WILMINGTON, DE 19801 U.S.A.

(72)Name of Inventor :

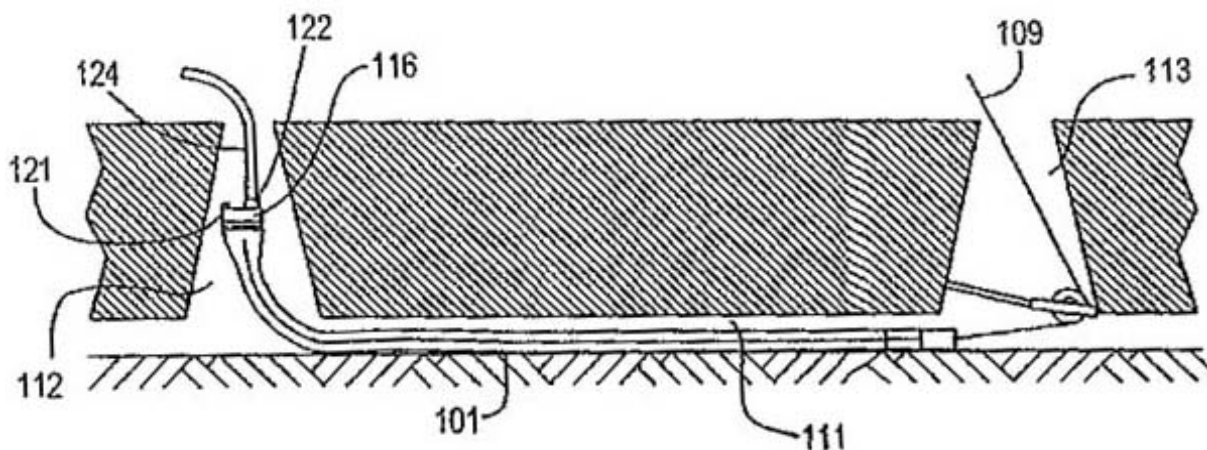
1)DRIVER FRANKLIN THOMAS

No of Pages : 25

No of Claims : 7

(57)Abstract:

A method for installation of a resin impregnated cured in place liner with an inner impermeable layer (13) is provided. The liner is formed from a resin impregnable material having an impregnable layer bonded thereto. The material is formed into tubular shape with the impermeable layer on the outside of the tube about a tubular forming member and continuously everted into the tubular forming device to place the impermeable layer on the inside. An outer impermeable wrapping can be applied after wetting out the inner tubular member. A pull-in fitting with a steam connection is inserted into the leading end of the liner (101) and the liner is pulled to an installation access (113). Prior to reaching the installation access a receiving canister (115) with steam connection (122) is attached to the end of the liner and pull-in completed. This permits inflation of the pulled in liner with an air curing of the resin with steam. All steaming is done below grade with minimal entry to underground access points.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1522/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "COMPOSITION AND DELIVERY SYSTEM"

(51) International classification :A61K9/127

:A61K9/50

(31) Priority Document No :0327814.0

(32) Priority Date :29/11/2003

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2004/005010

Filing Date :29/11/2004

(87) International Publication No :WO 2005/053638

(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)PASSION FOR LIFE HEALTHCARE LIMITED

Address of Applicant :55 HIGH STREET, EPSOM KT19 8DH U.K.

(72)Name of Inventor :

1)DUGGAN, ALEX

2)BARATOUX, JEAN-LOIC

No of Pages : 31

No of Claims : 24

(57)Abstract:

A composition for nasal or buccal application comprising a distribution of multilayer microparticles in an inactive base, at least one ingredient having activity on the mucosa of the nose/ throat, being adsorbed within the layers of the microparticles so as to be progressively released over time in use; a method for the preparation of the composition for the controlled delivery of an active ingredient over time in situ at the mucous membranes of the nose or throat of a human, non-human mammal or other animal comprises the steps of: microencapsulating at least one ingredient having activity on the mucosa of the nose/ throat within or on the layer surfaces of a multilayer microparticle; distributing the ingredient within a suitable base material serving as a means to deliver the microspheres to the active site for example suspending in a liquid base or distributing in a soluble solid base; a method of delivering an active ingredient to the nose or throat of a human, non-human mammal or other animal subject for controlled release over time in situ at the mucous membranes of the subject comprises the steps of administering the composition to the subject in such manner that the microparticles are directed towards a desired site on the mucus membrane of the subject; the use of the composition or active microparticle in progressive delivery of an active ingredient; or a novel active microparticle.

(54) Title of the invention : FABRICATION OF MULTI-PART SUB-ASSEMBLIES

(51) International classification :B29C 70/70
 (31) Priority Document No :2003907010
 (32) Priority Date :17/12/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001559
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/058583
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

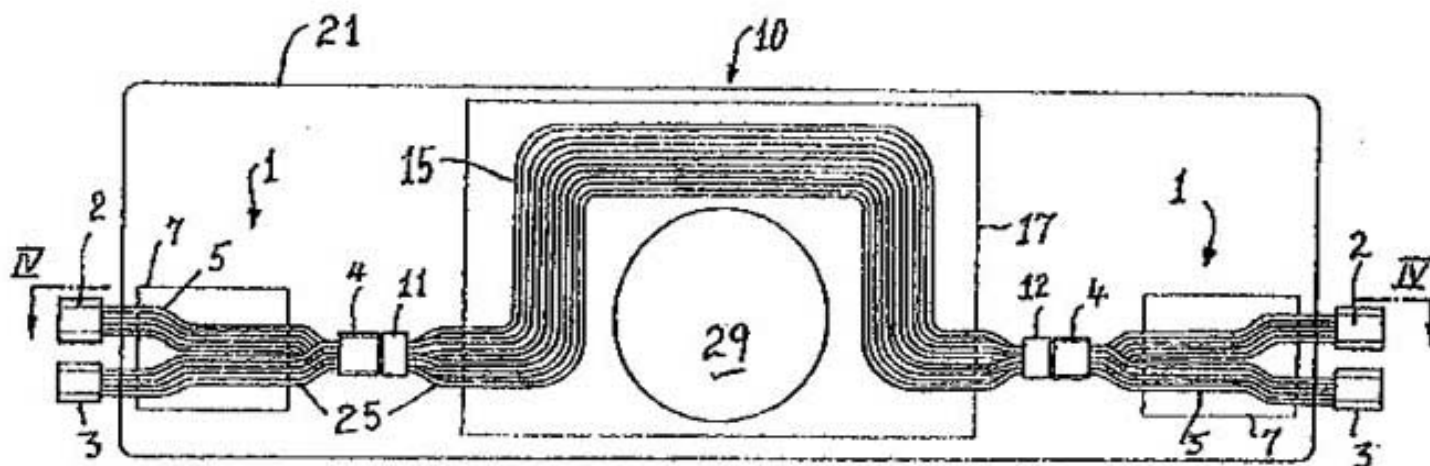
(71)Name of Applicant :
1)ARMACEL PTY LIMITED
 Address of Applicant :6/22 NARABANG WAY, BELROSE, NSW
 2085 Australia
 (72)Name of Inventor :
1)MATICH, FRANK

No of Pages : 14

No of Claims : 14

(57)Abstract:

A process for encapsulating assemblies (21,41) from a plurality of sub-assemblies (1, 10; 32) is disclosed. Each sub-assembly is in turn formed by at least partial encapsulation thereby avoiding the need to glue, mail or otherwise secure the individual components (2-4, 11-12, 15; 31) of the sub-assemblies in place. The sub-assemblies can be easily stored and/or manipulated prior to the subsequent encapsulation step. The fabrication of a cable tray (21) including a number of wiring harness (1, 10) and a multi-tiered pallet (41) is specifically disclosed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1524/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : "PROCESS FOR SETTING ANCHORS AND ANCHOR WHICH CAN BE USED IN THIS PROCESS"

(51) International classification	:E02D 5/76	(71)Name of Applicant :
(31) Priority Document No	:A 2164/2004	1)ATLAS COPCO MAI GMBH,
(32) Priority Date	:23/12/2004	Address of Applicant :WERKSTRASSE 17, A-9710 FEISTRITZ AN
(33) Name of priority country	:Austria	DE DRAU Austria
(86) International Application No	:PCT/AT2005/000475	(72)Name of Inventor :
Filing Date	:24/11/2005	1)BERNTHALER MARK
(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	

No of Pages : 24

No of Claims : 23

(57)

Abstract

:

An anchor with a longitudinally folded pipe 1 and an end piece 13 which can be opened under pressure and which is provided on the end of the anchor lying inside in the drilled hole is introduced into the drilled hole, and by applying internal pressure is expanded as the pipe 1 unfolds until the pipe 1 with frictional locking and/or positive locking adjoins the drilled hole, whereupon the pressure in the anchor is raised so that the forward tip 15 of the end piece 13 is separated. Then the hardening mass is pressed through the anchor into the drilled hole in order to fill cavities in the area of the anchor end located at the bottom of the drilled hole and the substratum (soil, rock) in which the anchor is fixed, and cavities or cracks located in the bordering substratum. A hydraulically binding, cement-based mass can be used especially as the hardening mass.

(54) Title of the invention : OPTICAL FIBER TWISTING DEVICE, METHOD OF MANUFACTURING OPTICAL FIBER, AND OPTICAL FIBER

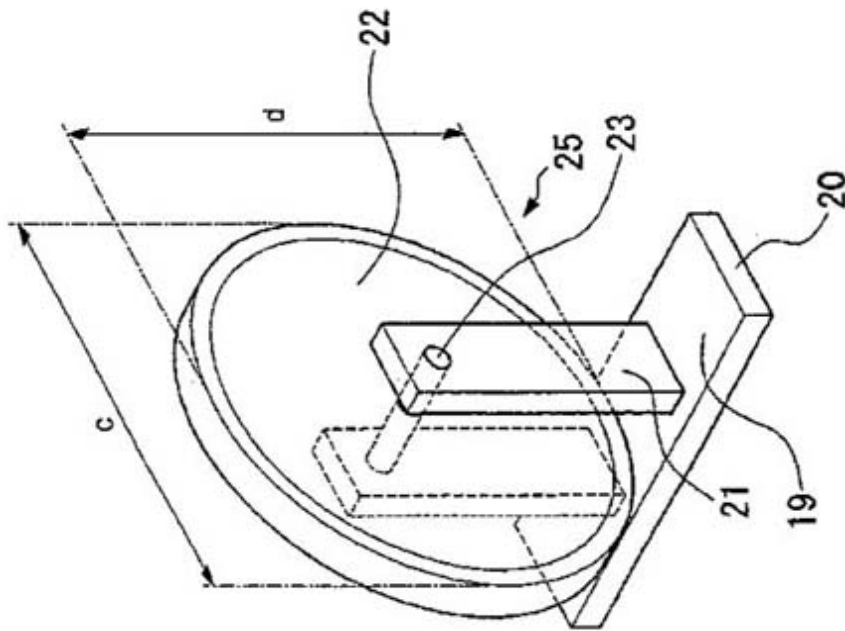
(51) International classification	:C03B37/027;C03B37/03	(71)Name of Applicant :
(31) Priority Document No	:2003-432264	1)FUJIKURA LTD.
(32) Priority Date	:26/12/2003	Address of Applicant :5-1, KIBA 1-CHOME, KOHTOH-KU, TOKYO
(33) Name of priority country	:Japan	1358512 Japan
(86) International Application No	:PCT/JP2004/018879	(72)Name of Inventor :
Filing Date	:17/12/2004	1)OKADA KENJI
(87) International Publication No	:WO 2005/063640	2)HARADA KOICHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 3

(57)Abstract:

An optical fiber twisting device capable of stably covering a bare optical fiber by preventing the optical fiber from being swung during drawing. The optical fiber twisting device comprises a twisting roller (22) twisting the molten portion of an optical fiber base metal positioned on the upstream side of the optical fiber by adding twist to the optical fiber and a support part (21) pivotally supporting the twisting roller (22). The accuracy of the outer peripheral part of the twisting roller (22) in the state of forming a twisting roller device (25) is 15 Åµm or less.



(54) Title of the invention : "COMPACT POWER SUPPLY"

(51) International classification	:H02J 7/34
(31) Priority Document No	:60/520,640
(32) Priority Date	:18/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2003/002013
Filing Date	:22/12/2003
(87) International Publication No	:WO 2005/050812
(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)VICTHOM HUMAN BIONICS INC.

Address of Applicant :4780, RUE SAINT-FÃ%LIX, BUREAU 105,
SAINT-AUGUSTIN-DE-DESMAURES, QUÃ%BEC G3A 2J9 Canada

(72)Name of Inventor :

1)BÃ%oDARD STÃ%oPHANE

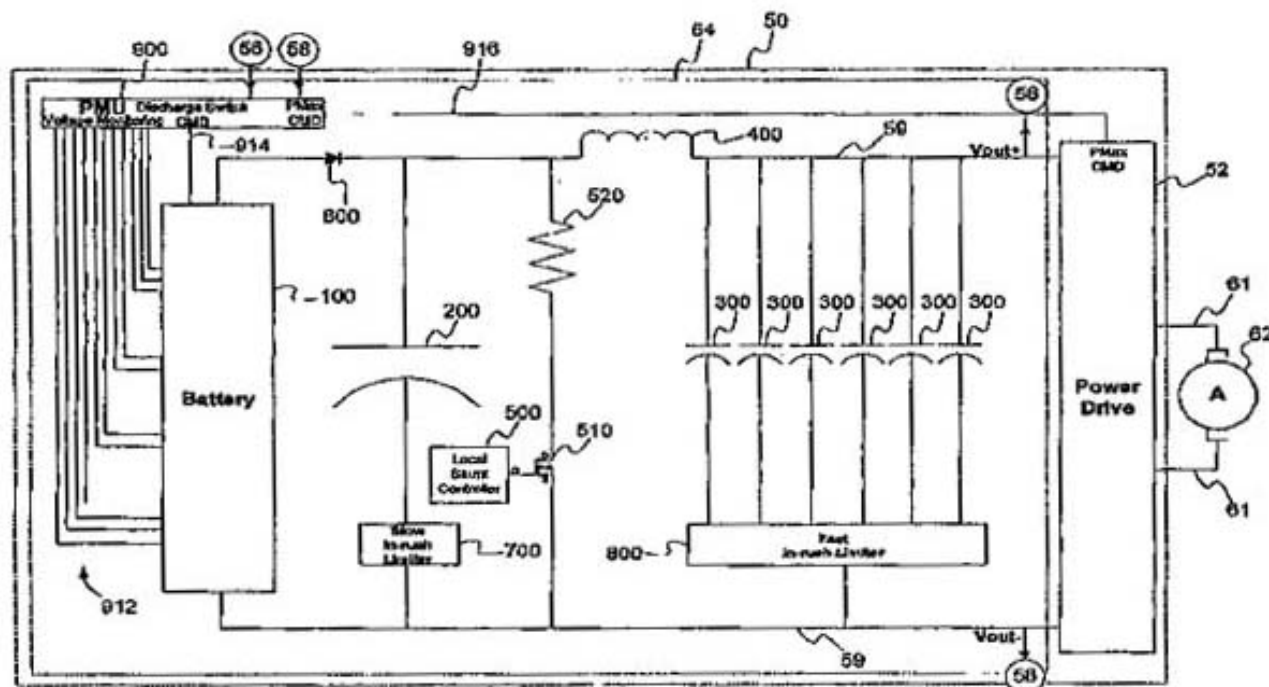
2)GAGNE SYLVAIN

No of Pages : 27

No of Claims : 18

(57)Abstract:

The present invention discloses an electrical power supply for providing electrical power to a load, the power supply comprising a plurality of energy storage elements each having a different operating characteristic and connected in an electrical circuit to the load, and a circuit element interposed between at least one of the storage elements and the load and operable to segregate the energy storage elements therefrom, the circuit element being selected to match supply of energy to the load to the characteristics of the storage elements.



(54) Title of the invention : METHOD FOR PRODUCTION OF HIGH PRESSURE STEAM FROM PRODUCED WATER

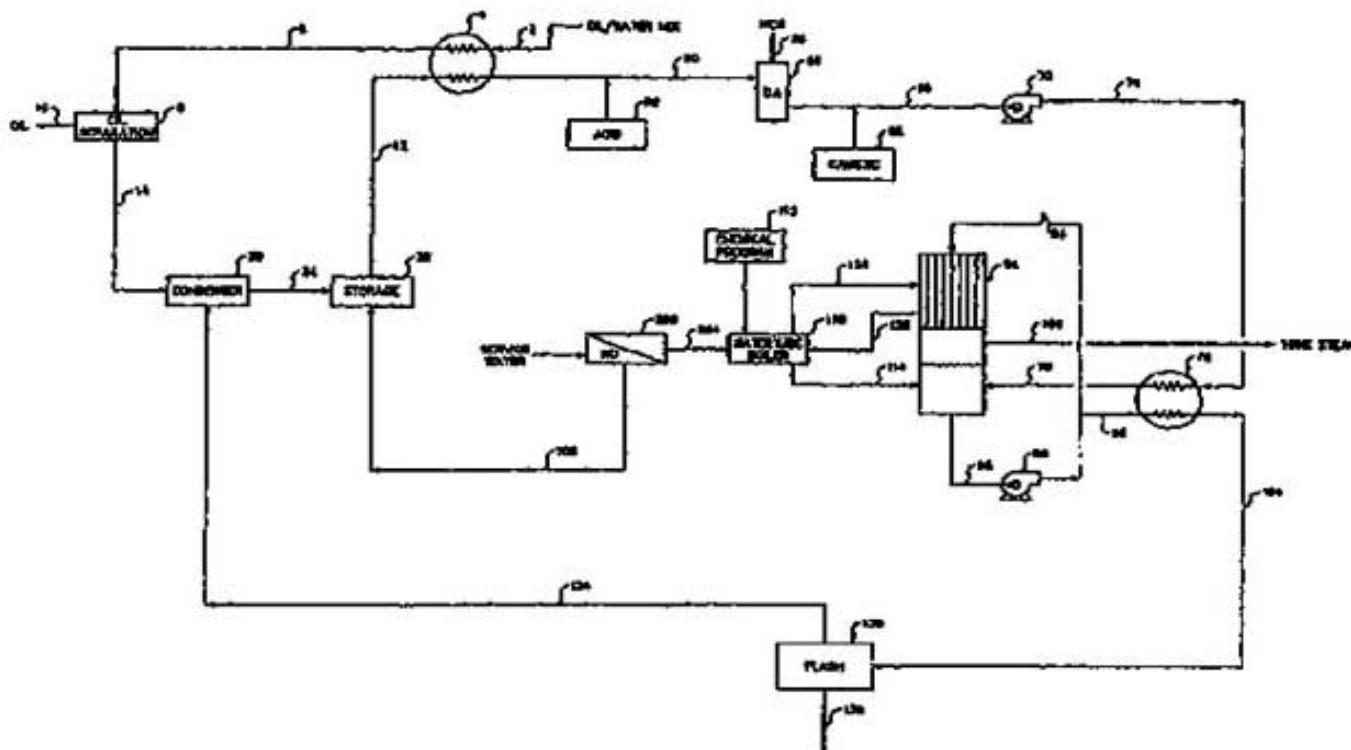
(51) International classification	:F22B 1/08	(71) Name of Applicant :
(31) Priority Document No	:60/525,578	1)AQUATECH INTERNATIONAL CORPORATION
(32) Priority Date	:26/11/2003	Address of Applicant :ONE FOUR COINS DRIVE, CANONSBURG,
(33) Name of priority country	:U.S.A.	PA 15317, U.S.A.
(86) International Application No	:PCT/US2004/039515	(72) Name of Inventor :
Filing Date	:24/11/2004	1)MINICH KEITH R
(87) International Publication No	:WO 2005/054746	2)NICHOLSON MARC C
(61) Patent of Addition to Application Number	:NA	3)KARLAPUDI RAMKUMAR
Filing Date	:NA	4)SCHOEN RICHARD M
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 45

No of Claims : 34

(57)Abstract:

An evaporation based method for generation of high pressure steam from produced water in the heavy oil production industry. De-oiled produced water is processed through a high pH/high pressure evaporator driven by a commercial water tube boiler. The vapor produced by the evaporator is suitable for the steam assisted gravity drainage (SAGD) method being utilized by heavy oil recovery installations, without the use of once through steam generators that require extensive chemical treatment, and without requiring atmospheric distillation, which requires high power consuming compressors. Evaporator blow down may be further treated in a crystallizing evaporator to provide a zero liquid discharge (ZLD) system and, with most produced waters, at least 98% of the incoming produced water stream can be recovered in the form of high pressure steam.



(54) Title of the invention : POINT-TO-MULTIPOINT SERVICE MEDIUM ACCESS CONTROL ENTITY STRUCTURE

(51) International classification :H04B 7/26
 (31) Priority Document No :10-2004-0043755
 (32) Priority Date :14/06/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001783
 Filing Date :13/06/2005
 (87) International Publication No :WO 2005/122440
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

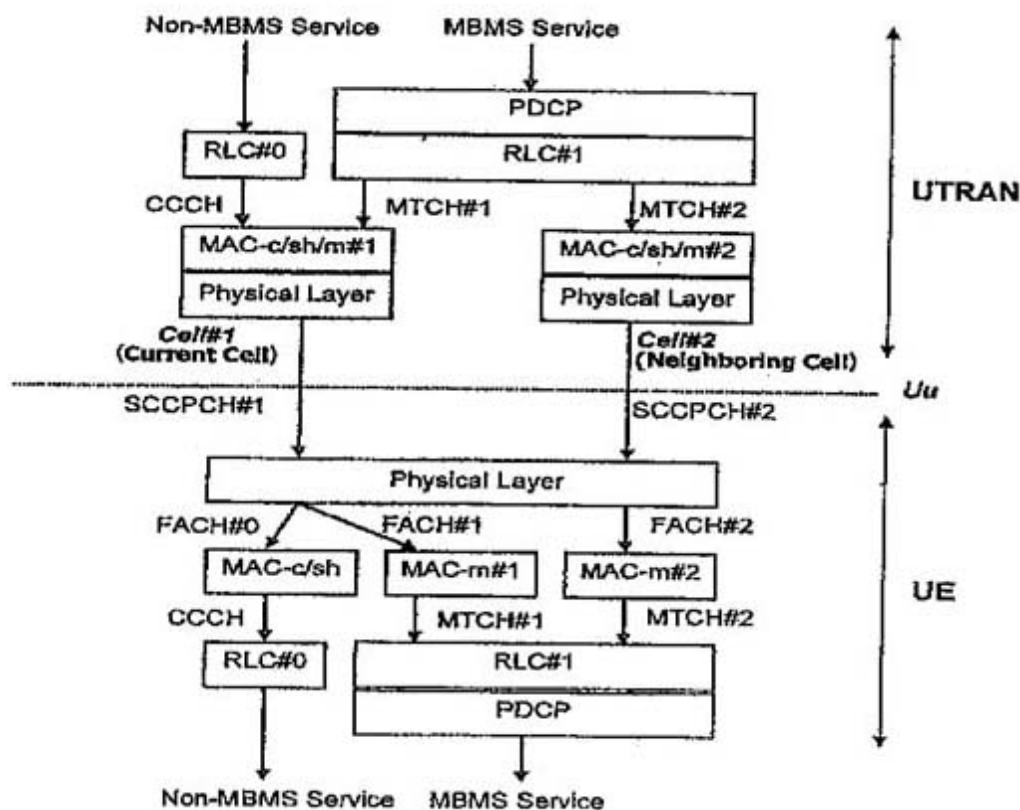
(71)Name of Applicant :
1)LG ELECTRONICS, INC.
 Address of Applicant :20, YODIO-DONG, YONDDUNGPO-GU,
 SEOUL 150-010 Republic of Korea
 (72)Name of Inventor :
1)YI, SEUNG-JUNE
2)LEE, YOUNG-DAE
3)CHUN, SUNG-DUCK

No of Pages : 40

No of Claims : 45

(57)Abstract:

The present invention relates to combining point-to-multipoint service data in a mobile terminal of a wireless communication system. A mobile terminal receiving MBMS service data of a current cell in a MAC entity while concurrently receiving the same MBMS service data from a neighboring cell in a MAC entity discards any received data not related to MBMS. Accordingly, any unnecessary operation of the terminal in simultaneously receiving the MBMS service from different cells is minimized. Thus, the mobile terminal effectively receives the MBMS service.



(54) Title of the invention : TRANSMITTING AND RECEIVING NOTIFICATION OF CONTROL INFORMATION FOR POINT TO MULTIPOINT SERVICE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/26;H04Q 7/20
 (31) Priority Document No :10-2004-0031897
 (32) Priority Date :06/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001324
 Filing Date :06/05/2005
 (87) International Publication No :WO 2005/109691
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

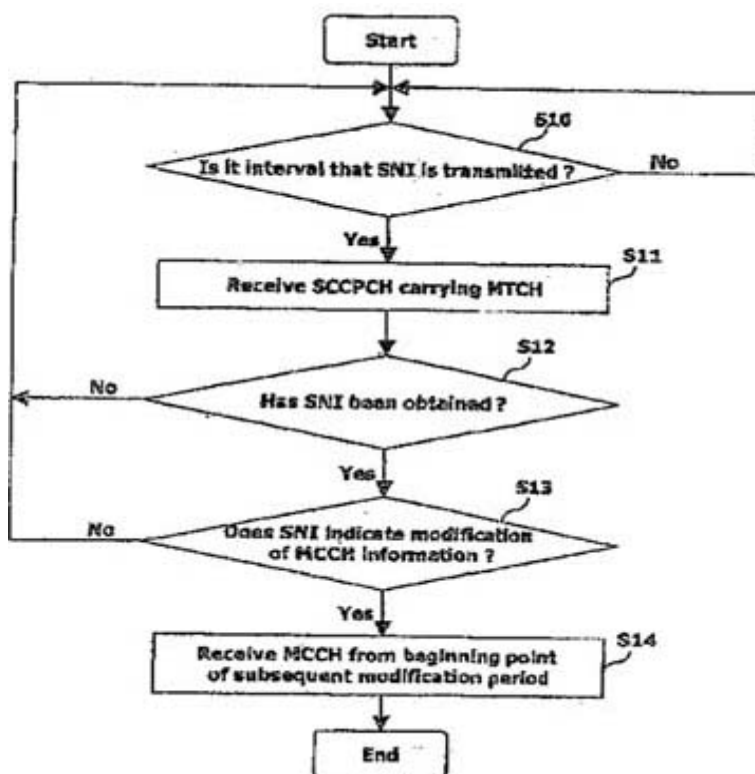
(71)Name of Applicant :
1)LG ELECTRONICS, INC.
 Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
 SEOUL 150-010 Republic of Korea
 (72)Name of Inventor :
1)LEE, YOUNG-DAE
2)YI, SEUNG-JUNE
3)CHUN, SUNG-DUCK

No of Pages : 23

No of Claims : 35

(57)Abstract:

The present invention relates to transmitting and receiving a notification of control information for a point-to-multipoint service. Preferably, a mobile terminal receives notification information from a network during a first period. The mobile terminal then determines to receive a control channel during a second period for receiving a control information message according to the notification information. After, the mobile terminal receives the control information message for the point-to-multipoint service during the second period if the mobile terminal determines to receive the control information message during the second period.



(54) Title of the invention : A METHOD AND APPARATUS FOR MOLDING AN UPPER AND LOWER MOLD HAVING NO FLASK, AND A METHOD FOR REPLACING A MATCH PLATE USED THEREFOR

(51) International classification :B22C 11/00
 (31) Priority Document No :2003-420266
 (32) Priority Date :18/12/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/018887
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/058528
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

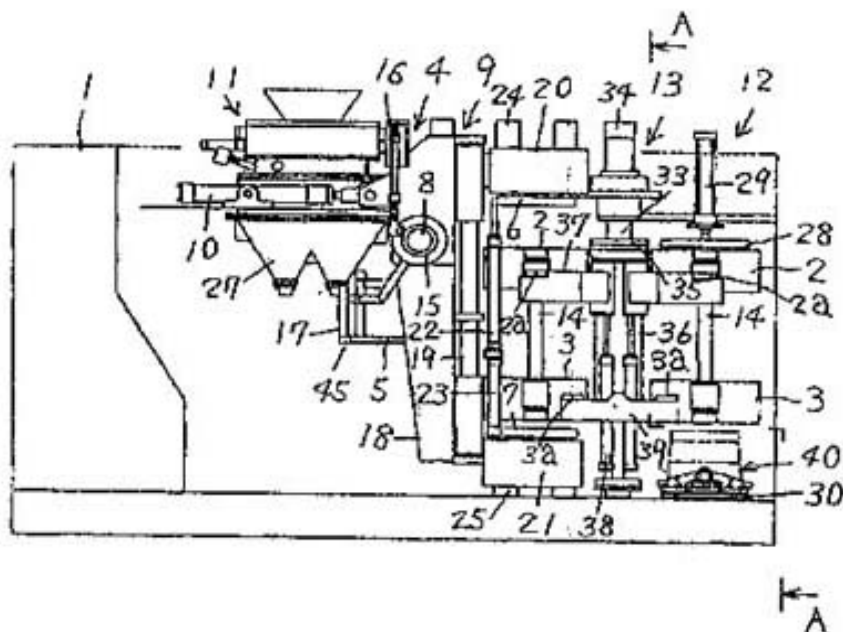
(71)Name of Applicant :
1)SINTOKOGIO, LTD.
 Address of Applicant :28-12, MEIEKI 3-CHOME, NAKAMURA-KU,
 NAGOYA-SHI, AICHI-KEN, Japan
 (72)Name of Inventor :
1)HIRATA, MINORU
2)KOMIYAMA, TAKAYUKI

No of Pages : 53

No of Claims : 18

(57)Abstract:

A method and device capable of efficiently forming a high-quality flaskless cope and drag. A matchplate is held by a cope and drag as a set, the cope and drag being in a horizontal state and each having a sand blowing nozzle in the side wall. Upper and lower squeeze means are respectively inserted in matchplate-less openings in the cope and drag to define two upper and lower cavities. The cope and drag and the matchplate are set in a vertical state, and at the same time the sand blowing nozzles are moved upward. Molding sand is blown from the sand blowing nozzles into the two upper and lower forming cavities to fill the cavities. While the cope and drag and the matchplate being returned to a horizontal state, the upper and lower squeeze means are further advanced, and the molding sand in the two upper and lower forming cavities are individually squeezed. The cope and drag containing the mold are separated from the matchplate, and then the matchplate is removed from between the cope and drag. A core is set, when required, in the mold previously formed during the steps above, and then the mold is removed from the cope and drag containing the mold.



(54) Title of the invention : OIL CONTAMINATED SUBSTRATE TREATMENT METHOD AND APPARATUS

(51) International classification :B01D 3/38
 (31) Priority Document No :60/481,611
 (32) Priority Date :07/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036049
 Filing Date :29/10/2004
 (87) International Publication No :WO 2005/046894
 (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)RACIONAL ENERGY & ENVIRONMENT COMPANY

Address of Applicant :6100 NELL ROAD, SUITE 500, RENO, NV 89511 U.S.A.

(72)Name of Inventor :

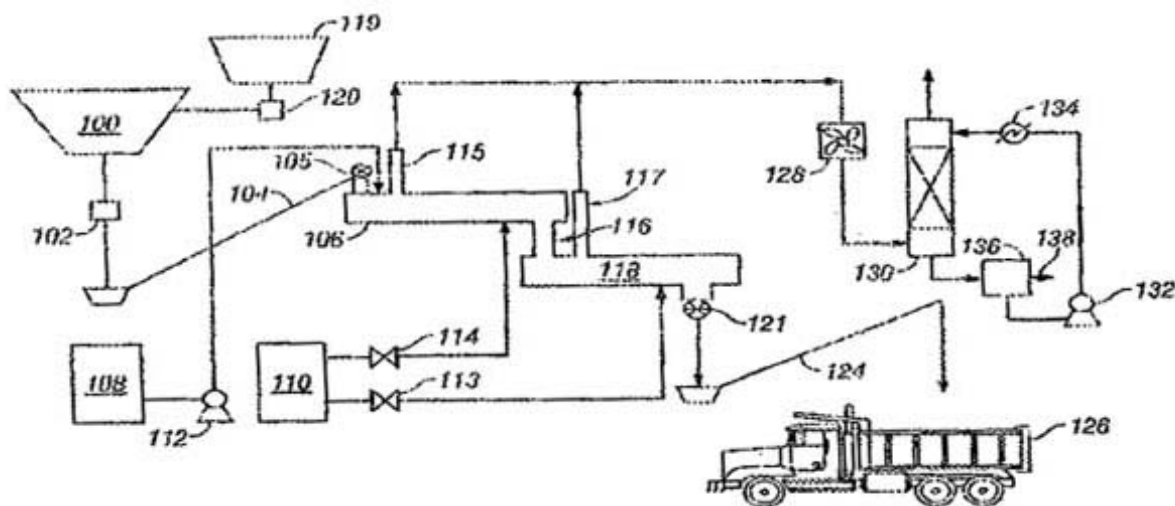
1)CORDOVA RAMON PEREZ

No of Pages : 38

No of Claims : 38

(57)Abstract:

A method and apparatus for treating for disposal oil contaminated substrates, such as drill cuttings from drilling with an oil-based mud, by steam distillation. If necessary, the contaminated substrate (10) can be pretreated with an emulsion breaker (14). The contaminated substrate (10) can be treated with steam (16) in a first mixing still (12). The substrate can be optionally treated with a second steam source (20) in a second mixing still (18). The steam provides heat to vaporize the oil, moisture to treat the substrate and water to the reaction mixture. Recoverable constituents in the vapor can be condensed in a vapor collection system (24). The treated substrate (22) is essentially free of oil and can have controlled water content. The process exhibits low energy consumption, rapid treatment, compact equipment and a high degree of process control.



(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : INSOLE ASSEMBLY FOR INCREASING WEIGHT OF FOOTWEAR AND HEAVY FOOTWEAR HAVING WEIGHT-INCREASING MIDSOLE/OUTSOLE

(51) International classification	:A43B13/04 ;A43B13/12
(31) Priority Document No	:10-2003-0094999
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/000325
Filing Date	:18/02/2004
(87) International Publication No	:WO 2005/060779
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

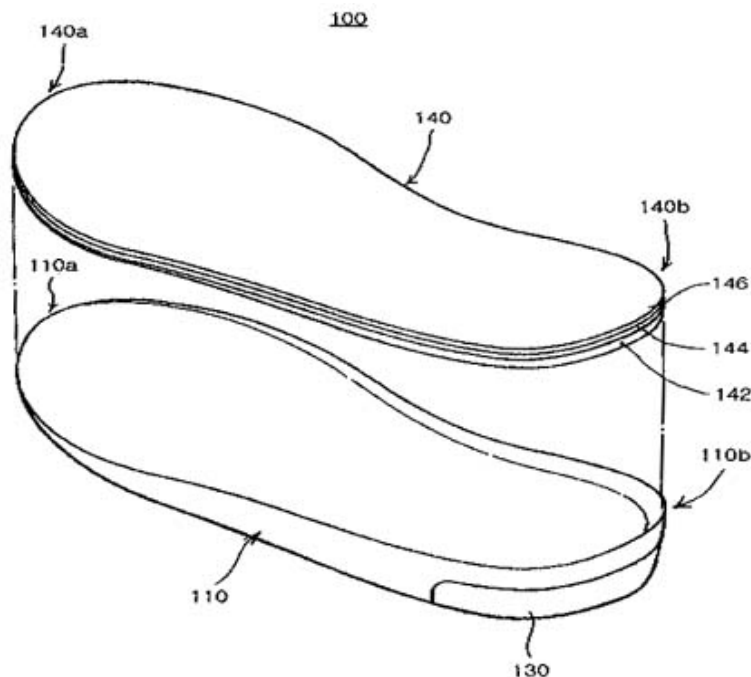
(71)**Name of Applicant :**
1)AISON CO., LTD.
 Address of Applicant :163-7 GAMJEON-DONG, SASANG-GU,
 PUSAN 617-050 Republic of Korea
 (72)**Name of Inventor :**
1)KIM, HEE-SUK

No of Pages : 39

No of Claims : 21

(57) Abstract :

Disclosed are an insole assembly for increasing the weight of a footwear and a heavy footwear having an outsole and/or a midsole made of a high specific gravity compressed resin to enhance exercise effect. The insole assembly (100, 200) includes a lower insole (110, 210) made of a compressed resin having a high specific gravity; an upper insole (120, 220) laid on the lower insole (110, 210) and a shock absorbing member (130, 230) attached to a heel of the lower insole (110, 210). The insole assembly is made of a compressed resin to increase the weight of footwear to which the insole assembly is applied.



(54) Title of the invention : METHODS AND APPARATUS FOR IMPLEMENTING CUSTOMIZED RINGBACK

(51) International classification :H04M
 (31) Priority Document No :60/518,818
 (32) Priority Date :10/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037128
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/048571
 (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)NMS COMMUNICATIONS

Address of Applicant :100 CROSSING BLVD., FRAMINGHAM, MASSACHUSETTS 01702 U.S.A.

(72)Name of Inventor :

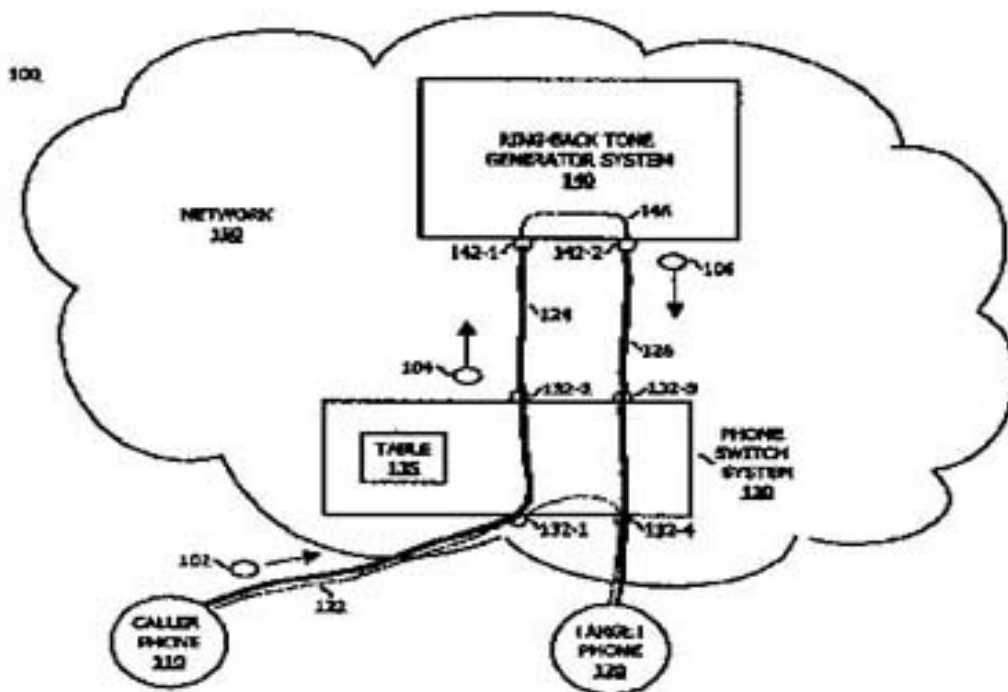
1)DEMENT, JEFFERY, M**2)GERARD, CHRISTOPHE**

No of Pages : 70

No of Claims : 73

(57)Abstract:

A ring-back tone generator system receives an inbound call connection request forwarded from a phone switch (such as an MSC) that receives the inbound call connection request from a caller phone attempting to connect to a target phone (e.g., a subscriber). The ring-back tone generator system initiates generation of a first call connection on which to provide the customized ring-back tone (and/or custom video image data) to the caller phone. The ring-back tone generator system also transmits, based on receiving the inbound call connection request, an outbound call connection request to the phone switch (such as the MSC) to establish a second call connection through the phone switch to the target phone. Consequently, an MSC that normally handles such call processing now relies on the ring-back tone generator system to handle call processing and provide a custom ring-back tone service.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1534/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : REDUCING OVERHEADS OF A PROTOCOL DATA UNIT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L 29/06	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0043757	1)LG ELECTRONICS, INC.
(32) Priority Date	:14/06/2004	Address of Applicant :20, YODIO-DONG, YONGDUNGPO-GU,
(33) Name of priority country	:Republic of Korea	SEOUL 150-010 Republic of Korea
(86) International Application No	:PCT/KR2005/001784	(72) Name of Inventor :
Filing Date	:13/06/2005	1)YI, SEUNG-JUNE
(87) International Publication No	:WO 2005/122528	2)LEE, YOUNG-DAE
(61) Patent of Addition to Application Number	:NA	3)CHUN, SUNG-DUCK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 38

(57) Abstract :

The present invention relates to transmitting data units of a radio protocol layer, wherein one logical channel identifier is added to one or more data units belonging to one logical channel. Because only one logical channel identifier is added to the data units belonging to one logical channel in constructing a MAC-e PDU, overheads of the MAC-e PDU are reduced. Such reduction of the PDU overheads increases data throughput, which is advantageous for a high not speed data communication system, such as the HSUPA.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : A DIRECTION LOCATOR FOR CELLULAR TELEPHONE

(51) International classification	:H04Q 7/20
(31) Priority Document No	:159252
(32) Priority Date	:08/12/2003
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2004/001111
Filing Date	:07/12/2004
(87) International Publication No	:WO 2005/054888
(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)MAMO, JOSEF

Address of Applicant :P.O.BOX 11590, 91114, JERUSALEM Israel

(72)Name of Inventor :

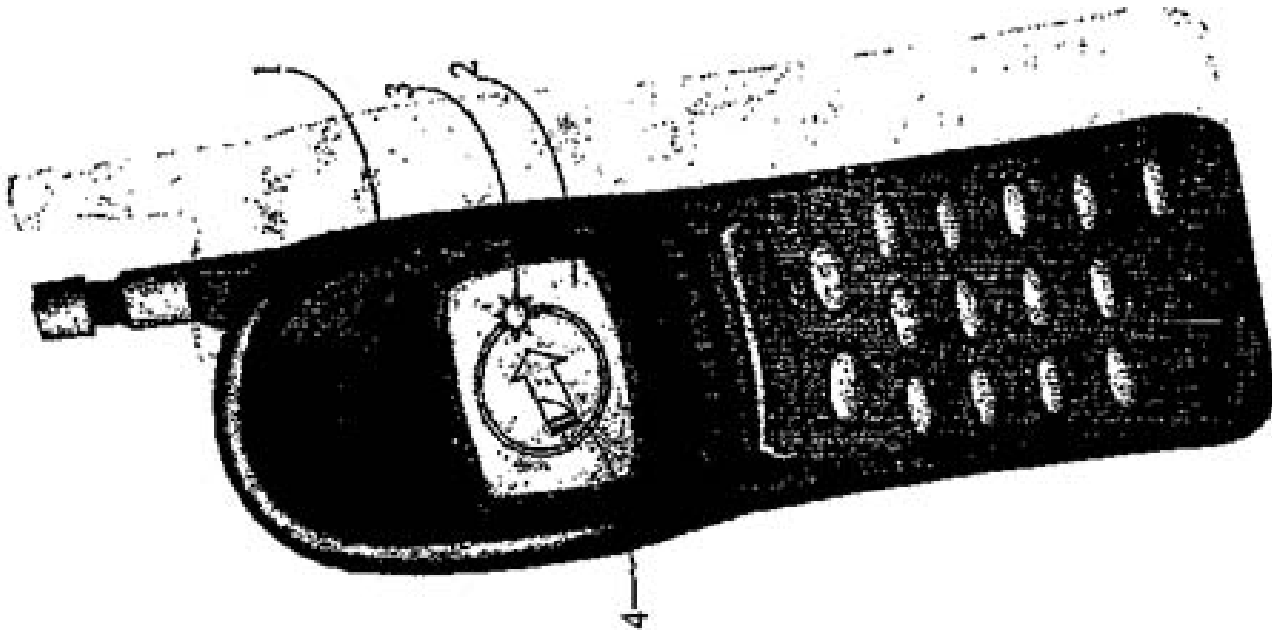
1)MAMO, JOSEF

No of Pages : 43

No of Claims : 44

(57)Abstract:

The present invention discloses a direction locator for cellular telephone and to a method for using it. More specifically, the present invention relates to a compass free and GPS free cellular telephone, having means to direct its user the direction of predetermined sites on the globes. The present invention also relates to a method for indicating said direction, to means for such cellular guidance and to a method of doing business from said locator.



(54) Title of the invention : MANUFACUTRE OF CONTINUOUS STRAND MATS

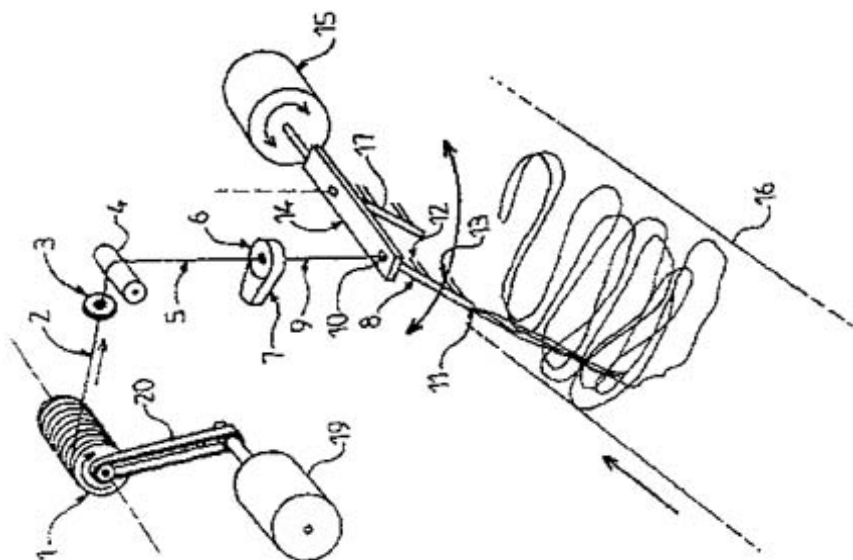
(51) International classification	:B65H59/38; C03B37/03	(71)Name of Applicant :
(31) Priority Document No	:0314832	1)SAINT-GOBAIN VETROTEX FRANCE S.A.
(32) Priority Date	:17/12/2003	Address of Applicant :130 AVENUE DES FOLLAZ F-73000
(33) Name of priority country	:France	CHAMBERY France
(86) International Application No	:PCT/FR04/050714	(72)Name of Inventor :
Filing Date	:16/12/2004	1)ROEDERER, FRANCOIS
(87) International Publication No	:WO/2005/059223	2)AUGIER, Eric
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 11

(57)Abstract:

The invention relates to an installation and method for the preparation of a mat of continuous filaments from at least one roving by projecting same onto a conveyor belt. The invention comprises the following steps consisting in: unwinding from the exterior at least one roving bobbin which is supported on a shaft, the unwinding speed being imposed by a motor that actuates the bobbin directly such that the linear speed of the unwound roving is constant; passing the roving through a nozzle, whereby the roving is passed through an inlet and, subsequently, an outlet of the nozzle, said nozzle also being equipped with a transverse inlet for at least one fluid which is directed mainly towards the outlet of the nozzle, thereby producing a tension towards the bottom of the roving and causing said roving to divide; and projecting the roving-forming filaments onto the conveyor belt using an oscillatory movement. The invention can be used to produce continuous filament mats at great speed with little or no roving breakage, owing to the fact that the roving is only subjected to a low tension which is produced at the nozzle by the divider fluid.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1537/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : USE OF ANTAGONIST ANTI-CD40 ANTIBODIES FOR TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASES AND ORGAN TRANSPLANT REJECTION

(51) International classification	:A61K39/395; A61K38/20; A61P29/00	(71)Name of Applicant : 1)CHIRON CORPORATION Address of Applicant :5460 HORTON STREET, EMERYVILLE CA64608-2916 U.S.A.
(31) Priority Document No	:60/517337	(72)Name of Inventor :
(32) Priority Date	:04/11/2003	1)LONG, LI
(33) Name of priority country	:U.S.A.	2)LONG, LI
(86) International Application No	:PCT/US04/036957	3)YABANNAVAR, ASHA
Filing Date	:04/11/2004	4)ZAROR, ISABEL
(87) International Publication No	:WO/2005/044306	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 94

No of Claims : 19

(57)Abstract:

Methods of therapy for treating a subject for an autoimmune disease and/or inflammatory disease are provided. The methods comprise administering a therapeutically effective amount of an antagonist anti-CD40 antibody or antigen-binding fragment thereof to a patient in need thereof. The antagonist anti-CD40 antibody or antigen-binding fragment thereof is free of significant agonist activity, but exhibits antagonist activity when the antibody binds a CD40 antigen on a human CD40-expressing cell. Antagonist activity of the anti-CD40 antibody or antigen-binding fragment thereof beneficially inhibits CD40L-mediated stimulation of CD40-expressing cells, and thus inhibits survival and signaling pathways of human CD40-expressing cells that are mediated by CD40L.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1538/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : USE OF ANTAGONIST ANTI-CD40 MONOCLONAL ANTIBODIES FOR TREATMENT OF MULTIPLE MYELOMA

(51) International classification	:A61K39/395; C07K16/28	(71) Name of Applicant : 1)CHIRON CORPORATION Address of Applicant :4560 HORTON STREET, EMERVILLE, CA 94608-2916 U.S.A.
(31) Priority Document No	:60/517,337	(72) Name of Inventor :
(32) Priority Date	:04/11/2003	1)LONG, LI
(33) Name of priority country	:U.S.A.	2)LUQMAN, MOHAMMAD
(86) International Application No	:PCT/US04/037281	3)YABANNAVAR, ASHA
Filing Date	:04/11/2004	4)ZAROR, ISABEL
(87) International Publication No	:WO/2005/044855	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 64

No of Claims : 20

(57)Abstract:

Methods of therapy for treating a subject for multiple myeloma are provided. The methods comprise administering a therapeutically effective amount of an antagonist anti-CD40 antibody or antigen-binding fragment thereof to a patient in need thereof. The antagonist anti-CD40 antibody or antigen-binding fragment thereof is free of significant agonist activity, but exhibits antagonist activity when the antibody binds a CD40 antigen on a human CD40-expressing cell. Antagonist activity of the anti-CD40 antibody or antigen-binding fragment thereof beneficially inhibits proliferation and/or differentiation of human CD40-expressing multiple myeloma cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1539/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTAGONIST ANTI-CD40 MONOCLONAL ANTIBODIES FOR TREATMENT OF CHRONIC LYMPHOCYTIC LEUKEMIA

(51) International classification	:A61K39/395; A61K38/20; C07K16/28	(71)Name of Applicant : 1)CHIRON CORPORATION Address of Applicant :4560 HORTON STREET, EMERVILLE, CA 94608-2916 U.S.A.
(31) Priority Document No	:60/517,337	(72)Name of Inventor :
(32) Priority Date	:04/11/2003	1)LONG, LI
(33) Name of priority country	:U.S.A.	2)LUQMAN, MOHAMMED
(86) International Application No	:PCT/US2004/036954	3)YABANNAVAR, ASHA
Filing Date	:04/11/2004	4)ZAROR, ISABEL
(87) International Publication No	:WO 2005/044304	5)AUKERMANN, LEA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 98

No of Claims : 22

(57)Abstract:

Methods of therapy for treating a subject for chronic lymphocytic leukemia are provided. The methods comprise administering a therapeutically effective amount of an antagonist anti-CD40 antibody or antigen-binding fragment thereof to a patient in need thereof. The antagonist anti-CD40 antibody or antigen-binding fragment thereof is free of significant agonist activity, but exhibits antagonist activity when the antibody binds a CD40 antigen on a human CD40-expressing cell. Antagonist activity of the anti-CD40 antibody or antigen-binding fragment thereof beneficially inhibits proliferation and/or differentiation of human CD40-expressing chronic lymphocytic leukemia cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1540/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTAGONIST ANTI-CD40 MONOCLONAL ANTIBODIES AND METHODS FOR THEIR USE

(51) International classification	:A61P35/02; A61K39/395; A61P35/00	(71) Name of Applicant : 1)CHIRON CORPORATION Address of Applicant :4560 HORTON STREET, EMERVILLE, CA 94608-2916 U.S.A.
(31) Priority Document No	:60/517,337	(72) Name of Inventor :
(32) Priority Date	:04/11/2003	1)LONG, LI
(33) Name of priority country	:U.S.A.	2)LUQMAN, MOHAMMED
(86) International Application No	:PCT/US2004/037152	3)YABANNAVAR, ASHA
Filing Date	:04/11/2004	4)ZAROR, ISABEL
(87) International Publication No	:WO 2005/044854	5)CHEN, BAO-LU
(61) Patent of Addition to Application Number	:NA	6)LU, XIAOFENG
Filing Date	:NA	7)LEE, SANG, HOON
(62) Divisional to Application Number	:NA	8)HURST, DEBORAH
Filing Date	:NA	

No of Pages : 149

No of Claims : 54

(57)Abstract:

Methods of therapy for treating diseases mediated by stimulation of CD40 signaling on CD40-expressing cells are provided. The methods comprise administering a therapeutically effective amount of an antagonist anti-CD40 antibody or antigen-binding fragment thereof to a patient in need thereof. The antagonist anti-CD40 antibody or antigen-binding fragment thereof is free of significant agonist activity, but exhibits antagonist activity when the antibody binds a CD40 antigen on a human CD40-expressing cell. Antagonist activity of the anti-CD40 antibody or antigen-binding fragment thereof beneficially inhibits proliferation and/or differentiation of human CD40expressing cells, such as B cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1541/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : GLYCOPEGYLATED FACTOR IX

(51) International classification	:A61K31/00; C07K1/00
(31) Priority Document No	:60/527,089
(32) Priority Date	:03/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/041070
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/055950
(61) Patent of Addition 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 :102 WITMER ROAD, HORSHAM PA 19044
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(72)Name of Inventor :

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2)ROBERT J. BAYER

3)CARYN BOWE

4)KRISHNASAMY PANNEERSELVAM

No of Pages : 115

No of Claims : 31

(57)Abstract:

The present invention provides conjugates between Factor IX and PEG moieties. The conjugates are linked via an intact glycosyl linking group interposed between and covalently attached to the peptide and the modifying group. The conjugates are formed from glycosylated peptides by the action of a glycosyltransferase. The glycosyltransferase ligates a modified sugar moiety onto a glycosyl residue on the peptide. Also provided are methods for preparing the conjugates, methods for treating various disease conditions with the conjugates, and pharmaceutical formulations including the conjugates.

(54) Title of the invention : SURGE SUPPRESSOR

(51) International classification	:H01T1/22; H01T4/12
(31) Priority Document No	:103 57 945.1
(32) Priority Date	:09/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/013897
Filing Date	:07/12/2004
(87) International Publication No	:WO/2005/060059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

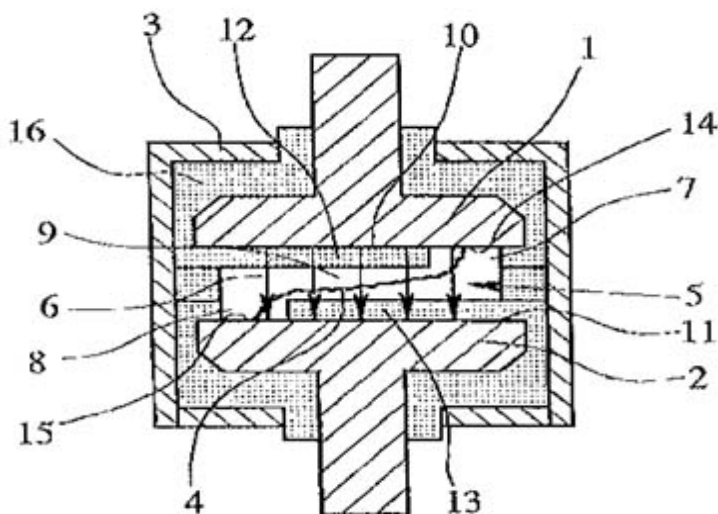
(71)**Name of Applicant :**
1)PHOENIX CONTACT GMBH & CO. KG
 Address of Applicant :FLACHSMARKSTRASSE 8-28 32825
 BLOMBERG Germany
 (72)**Name of Inventor :**
1)DURTH, RAINER
2)WETTER, MARTIN

No of Pages : 15

No of Claims : 12

(57)Abstract:

The invention relates to a surge suppressor comprising a first electrode (1), a second electrode (2), a discharge spark gap that is configured between the two electrodes (1, 2) and a housing (3) that accommodates the electrodes (1, 2). When the discharge spark gap between the two electrodes (1, 2) is ignited, an electric arc (4) is generated in a discharge chamber (5) that connects the two electrodes (1, 2). According to the invention, the surge suppressor has a particularly high capacity for extinguishing the network follow current, but nevertheless has a simple construction. This is achieved by the configuration of the discharge chamber (5), which runs at least partially in a transversal and/or opposite direction to that of the electric field of an adjacent system voltage, in such a way that the gap between the two electrodes (1, 2) that is to be bridged by the electric arc (4) has a transversal component E in relation to the electric field.



(54) Title of the invention : HYDRAULIC AZIMUTH DRIVE FOR A WIND POWER PLANT, FEATURING PLAY COMPENSATION

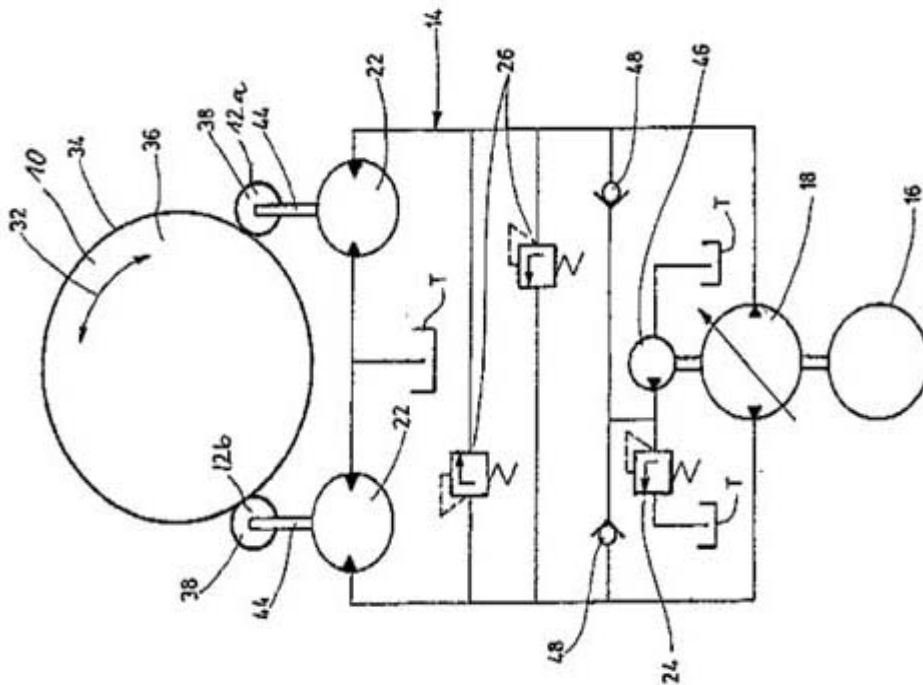
(51) International classification	:F03D7/02; F15B7/00	(71)Name of Applicant :
(31) Priority Document No	:103 58 486.2	1)HYDAC SYSTEM GMBH
(32) Priority Date	:09/12/2003	Address of Applicant :INDUSTRIEGEBIET 66280
(33) Name of priority country	:Germany	SULZBACH/SAAR Germany
(86) International Application No	:PCT/EP04/012642	(72)Name of Inventor :
Filing Date	:09/11/2004	1)HAHMANN, Wolfgang
(87) International Publication No	:WO/2005/061888	
(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 : 11

(57)Abstract:

The invention relates to a device for driving movable mechanical components (10; 12a, b), at least two (10; 12a, b) of which are effectively interconnected in such a way that one component (10) can be driven by means of the other component (12a, b), play being provided between said two components (10; 12a, b). Said play between the components (10; 12a, b) can be eliminated by moving or bracing at least said two components (10; 12a, b) towards or against each other with the aid of a hydraulic mechanism (14).



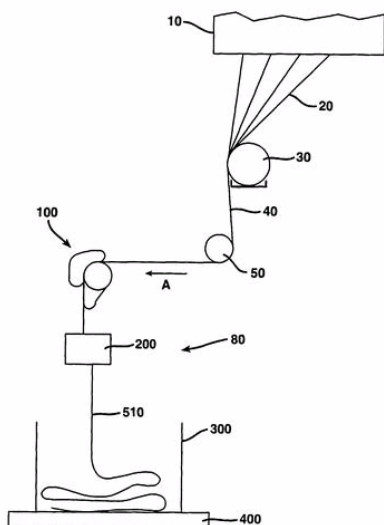
(51) International classification	:B65D75/00; B65H54/76	(71)Name of Applicant : 1)OWENS CORNING
(31) Priority Document No	:60/186,354	Address of Applicant :ONE OWENS CORNING PARKWAY, TOLEDO, OH 43659 U.S.A.
(32) Priority Date	:02/03/2000	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)LUENEBURGER, CHRISTOPH
(86) International Application No	:PCT/US01/06303	2)FAZIO, MICHAEL, B.
Filing Date	:28/02/2001	3)STRAIT, MICHAEL A.
(87) International Publication No	:WO/01/64569	4)FORBES, CLARK, T.
(61) Patent of Addition to Application Number	IN/PCT/2002/01030	5)GREEN, RICHARD A.
Filing Date		6)GRUBE, FRED C.
(62) Divisional to Application Number	09/08/2002	7)RAMEY, ERIC H.
Filing Date		

No of Pages : 70

No of Claims : 30

(57)Abstract:

A self-supporting package of strand is disclosed. The disclosed method of manufacturing a package of strand (40) is directed to the bulk collection of the strand. The disclosed strand collection system includes an attenuator (100) that attenuates filaments (20) from a bushing. The attenuator includes a pair of belts (112, 132) between which the strand is pinched to pull the filaments from the bushing. The attenuator directs the strand to a deflector assembly (200) that slows down and imparts a degree of movement to the strand. The deflector assembly includes primary and secondary deflector surfaces (222, 214) which the strand engages. After the strand deflects off the secondary deflector surface, it is directed into a container assembly (300). The attenuator and deflector assembly traverse above the container assembly to deposit the strand. The container assembly is periodically vibrated by a vibrating mechanism (400) as it collects strand. The vibrations settle and shift the strand in the container assembly for better strand distribution. The container assembly includes an outer container (310) with perforations (336) through which air and water can flow to remove moisture from the package. The container assembly also includes an inner container (370) that provides support during the shipping of the package after the outer container is removed. After the strand has filled the container assembly, the container assembly and strand is dielectrically dried. The package (500) may include intra-package splices (698) of the strand if the strand breaks during the collection process. The strand collection system couples filaments or strands together to reduce or eliminate slippage of the strands when they are pulled from the package. The links are referred to as authentic links. When the strands have been coupled, the strands are easily and accurately run out of the package.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1545/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR INPUTTING CHARACTER AND NUMERALS TO DISPLAY OF A MOBILE COMMUNICATION TERMINAL

(51) International classification	:H04M 1/23	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0088814	1)JO, Won-Hyung
(32) Priority Date	:09/12/2003	Address of Applicant :NA-103, YANGJIYEONLIB, 366-28
(33) Name of priority country	:Republic of Korea	KONGLEUNG 3-DONG, NOWON-GU, SEOUL Republic of Korea
(86) International Application No	:PCT/KR2004/003220	(72)Name of Inventor :
Filing Date	:09/12/2004	1)JO, Won-Hyung
(87) 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 : 34

No of Claims : 19

(57)Abstract:

Disclosed is an apparatus and method for inputting character and numerals to display of a mobile communication terminal. According to the present invention, consonant letters of a language are marked on each key of the keypad, and vowel letters are arranged in at least four directions (upper, lower, left, right, and diagonal) along the sliding directions of the keypad. In the case of a keypad with Korean alphabets, a user inputs a consonant by pressing a key on the keypad, and slides the keypad in 4 directions at least to input a desired vowel. In the case of a keypad with Roman alphabets, a user inputs two kinds of consonants by pressing keys on the keypad, and slides the keypad in 4 directions at least to input a desired vowel. Likewise, in the case of a keypad with Japanese alphabets, a user inputs (I) on each row by pressing a key on the keypad, and slides the keypad in 4 directions at least to input (II), and other special characters and functional keys. Figs. 1 and 3 of the drawings illustrate the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1546/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : TRANSPARENT SUBSTRATE THAT CAN BE USED, ALTERNATIVELY OR CUMULATIVELY, FOR THERMAL CONTROL, FOR ELECTROMAGNETIC SHIELDING AN FOR HEATED WINDOWS

(51) International classification	:H05K 9/00
(31) Priority Document No	:0313966
(32) Priority Date	:28/11/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR04/050614
Filing Date	:24/11/2004
(87) International Publication No	:WO/2005/051858
(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)SAINT-GOBAIN GLASS FRANCE
Address of Applicant :18 Avenue d'Alsace F-92400 Courbevoie France
(72)**Name of Inventor :**
1)FLEURY, Carinne
2)BELLIOT, Sylvain
3)NADAUD, Nicolas

No of Pages : 24

No of Claims : 33

(57)Abstract:

The invention relates to a transparent substrate which is made, for example, from glass and which is equipped with a stack of thin layers comprising a plurality of functional layers. The invention is characterised in that: (i) the aforementioned stack of thin layers comprises at least three silver-based functional layers, (ii) the stack has a per-square resistance of $R_c < 1.5 \text{ OMEGA}$, and (iii) the substrate can be subjected to at least one processing operation involving a heat treatment at a temperature of at least 500 DEG C, such as to enable the substrate to be used alternatively or cumulatively to provide thermal control and/or electromagnetic armour and/or heated glazing.

(54) Title of the invention : SYNTHESIS FURNACE

(51) International classification :B01J8/06;
C01B3/38
(31) Priority Document No :103 57 064.0
(32) Priority Date :04/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/011442
Filing Date :13/10/2004
(87) International Publication No :WO/2005/053834
(61) Patent of Addition 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 :FRIEDRICH-UHDE-STRASSE 15 44141
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(72)Name of Inventor :

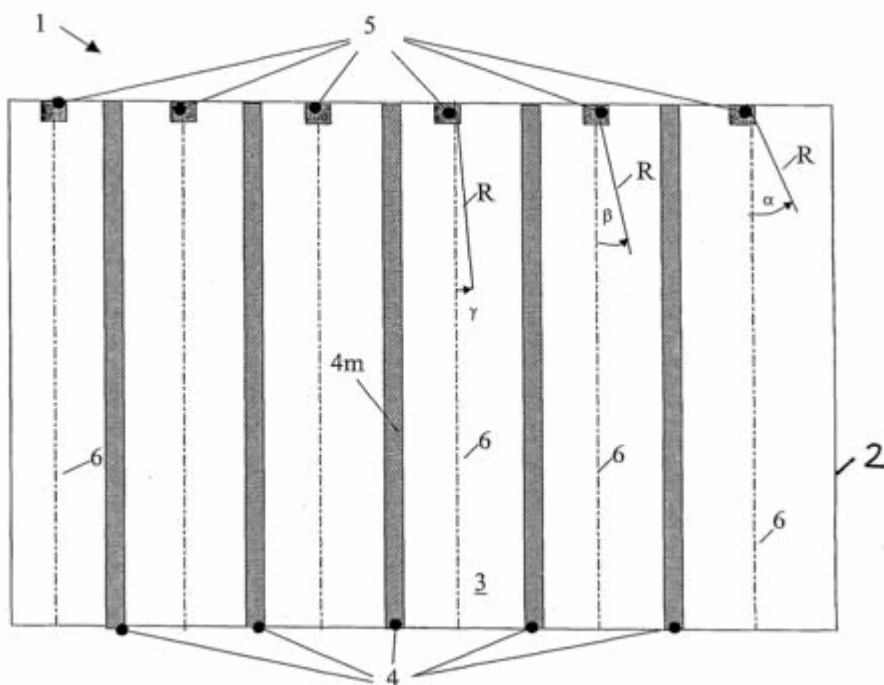
1)GORVAL, EVGENL

No of Pages : 10

No of Claims : 7

(57)Abstract:

The invention relates to a synthesis furnace comprising a furnace chamber that is surrounded by a continuous furnace wall. Said furnace chamber is equipped with a plurality of burners, the exit direction of which points downwards and which are located essentially on one plane, and a plurality of parallel reaction tubes that are arranged in an essentially vertical manner in relation to one another. The reaction tubes are heated externally by the ignited burners. The aim of the invention is to improve the thermal distribution and the global thermal transfer by means of the simplest possible construction and control technology. To achieve this, at least the outer burners (5) that are located in the vicinity of the furnace wall (2) have a burner exit direction (R), which runs at an incline away from the centre of the furnace in relation to the vertical.



(54) Title of the invention : SPOOL HAVING REVERSISNG SPIRAL GUIDE

(51) International classification :B65H75/14;
B65H75/22
(31) Priority Document No :10/731,754
(32) Priority Date :08/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/040048
Filing Date :30/11/2004
(87) International Publication No :WO/2005/056454
(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)SONOCO DEVELOPMENT, INC.Address of Applicant :NORTH SECOND STREET, HARTSVILLE,
SC 29550 U.S.A.

(72)Name of Inventor :

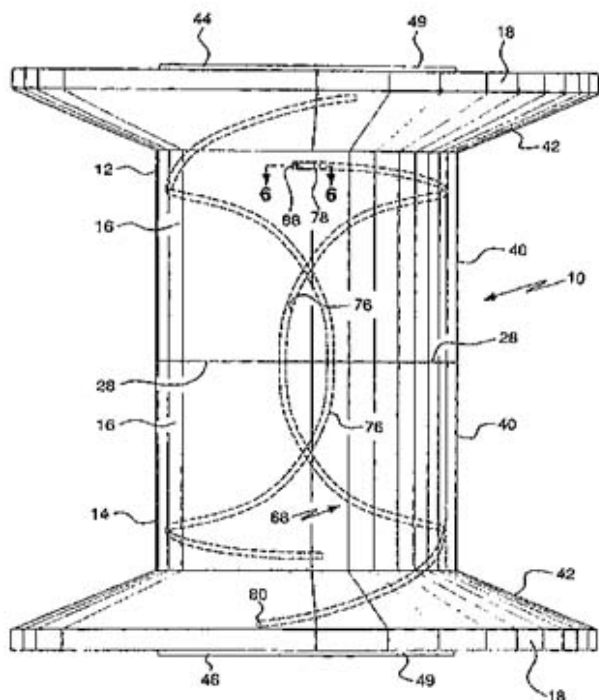
1)COUCHEY, BRIAN P.**2)DESROSIERS, VICTOR J.**

No of Pages : 19

No of Claims : 18

(57) Abstract :

A winding device includes a barrel defining a primary winding area and an auxiliary winding area. A flange wall separates the primary and auxiliary winding areas. A guide pathway directs a flexible material between the primary and auxiliary winding areas and includes opposite end segments curving in a circumferential direction. The pathway also includes a transition segment between the end segments in which the circumferential direction of curvature is reversed to provide for simultaneous winding of material in the primary and auxiliary winding areas. The device may include inserts received within the barrel having channels formed in an outer surface to define the pathway between the inserts and the barrel. Alternatively, the device may include a flange body defining an interior and a cover enclosing the interior. Structure having correspondingly formed first and second parts respectively carried by flange body and cover define the pathway within the interior.



(54) Title of the invention : ELECTRICAL STEEL SHEETS WITH SPACING STRIPS, AND A CORRESPONDING PRODUCTION METHOD

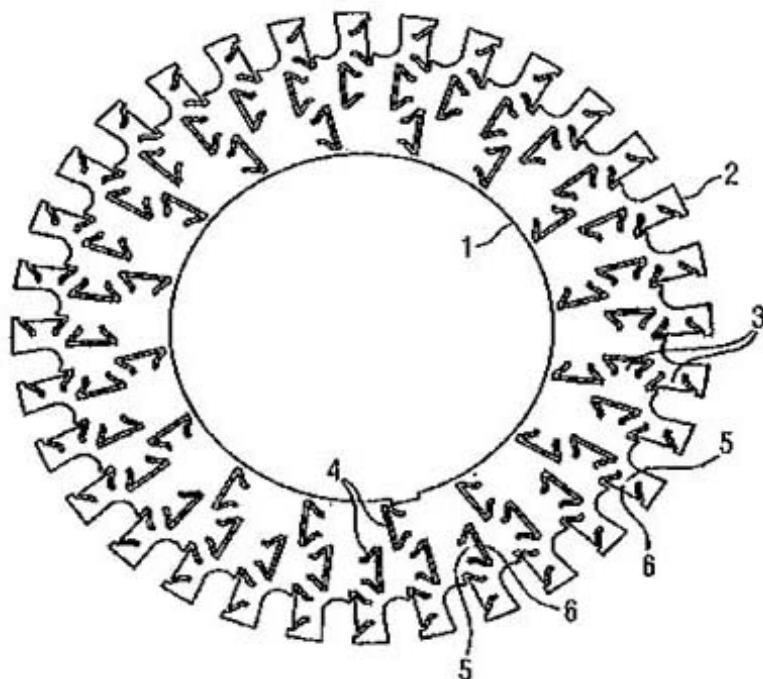
(51) International classification	:C21D 8/12	(71)Name of Applicant :
(31) Priority Document No	:PCT/DE04/002405	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:28/10/2004	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:Germany	MUNCHEN Germany
(86) International Application No	:PCT/DE04/002405	(72)Name of Inventor :
Filing Date	:28/10/2004	1)JESKE Rainer
(87) International Publication No	:WO/2006/045260	
(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 : 6

(57)Abstract:

The present invention describes a production method for an electrical steel sheet having at least one spacing strip (3) by cutting out sheet-metal pieces from a metal sheet in order to define an inner boundary (1) and an outer boundary (2) of the electrical steel sheet, and by production of at least one cut line (4) in the metal sheet which defines a contour of the at least one spacing strip (3), and bending a contour of the at least one spacing strip (3), and bending the spacing strip (3) out of the main plane of the electrical steel sheet. Furthermore, an electrical steel sheet is proposed having at least one spacing strip (3), wherein at least one cut line (4), which defines the contour of the at least one spacing strip (3), is formed in the electrical steel sheet, and the at least one spacing strip (3) is bent out of the main plane of the electrical steel sheet. FIGURE 1.



(54) Title of the invention : HIGH EFFICIENCY FULLERENE-BASED RADICAL SCAVENGERS

(51) International classification :C01B 31/00

(31) Priority Document No :60/529,988

(32) Priority Date :15/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/042327

Filing Date :15/12/2004

(87) International Publication No :WO/2005/058002

(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)NANO-C, INC.Address of Applicant :33 SOUTHWEST PARK, WESTWOOD, MA
02090 U.S.A.

(72)Name of Inventor :

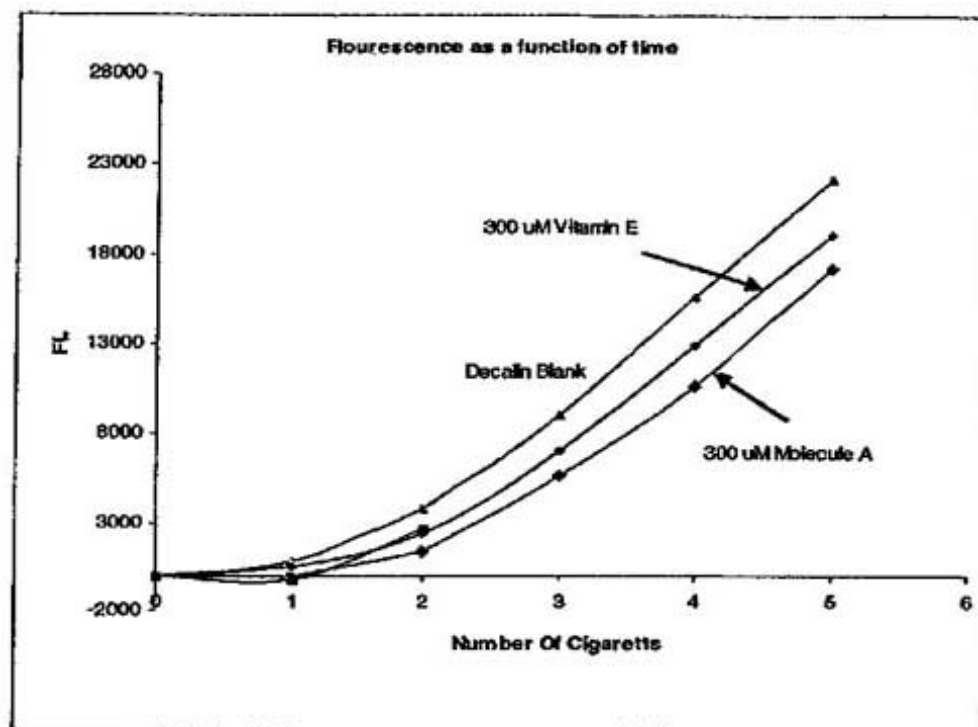
1)KRONHOLM DAVID L**2)HUMMELEN JAN C****3)SIEVAL ALEXANDER B**

No of Pages : 46

No of Claims : 66

(57)Abstract:

Chemically functionalized fullerenes are useful in various applications as radical scavengers. These chemically functionalized fullerenes offer the advantages of preservation of the high innate radical scavenging efficiency of the fullerene cage and ease of synthesis of fullerene derivatives of desirably altered chemical and physical properties and single isomers. Further, they are based on a common intermediate chemistry and intermediates can be easily functionalized and tailored to various requirements.



(54) Title of the invention : REDUCED DEGRADATION OF ION-EXCHANGE MEMBRANES IN ELECTROCHEMICAL FUEL CELLS

(51) International classification :H01M 8/10

(31) Priority Document No :10/738,962

(32) Priority Date :17/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/042700

Filing Date :16/12/2004

(87) International Publication No :WO/2005/060039

(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)BALLARD POWER SYSTEMS INC.Address of Applicant :4343 NORTH FRASER WAY, BURNABY,
BRITISH COLUMBIA V5J 5J9 Canada

(72)Name of Inventor :

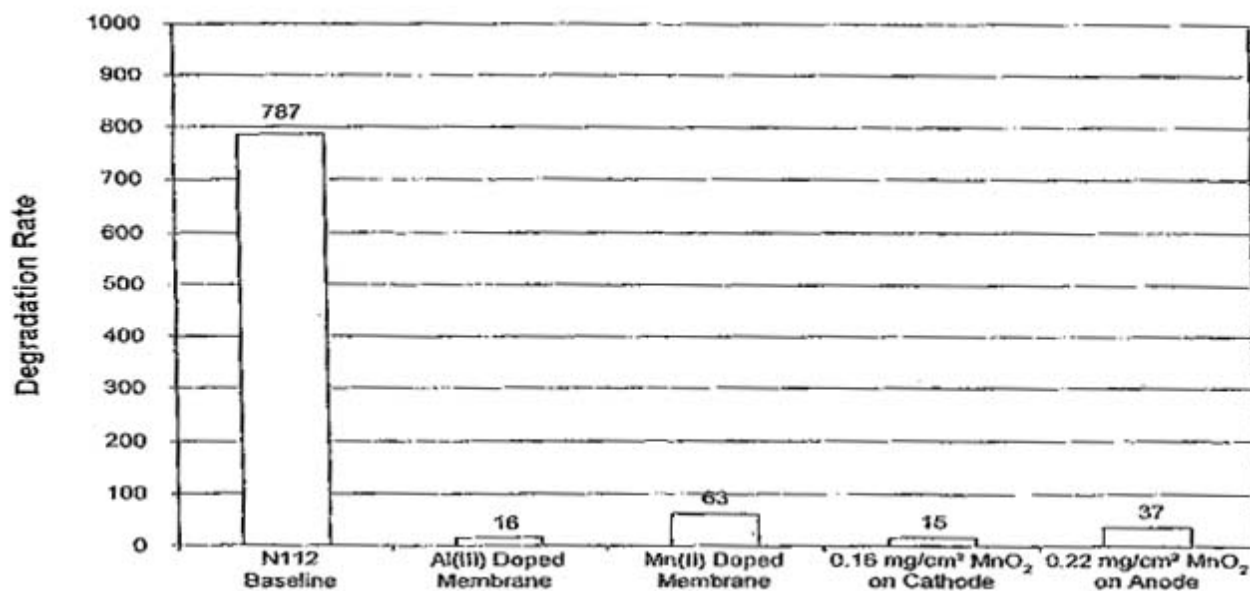
1)ANDREWS, NEIL R.**2)KNIGHTS, SHANNA, D.****3)MURRAY, KENNETH, A****4)MCDERMID, SCOTT, J.****5)MACKINNION, SEAN M.****6)YE, SIYU**

No of Pages : 14

No of Claims : 66

(57)Abstract:

A significant problem in PEM fuel cell durability is in premature failure of the ion-exchange membrane and in particular by the degradation of the ion-exchange membrane by reactive hydrogen peroxide species. Such degradation can be reduced or eliminated by the presence of an additive in the anode, cathode or ion-exchange membrane. The additive may be a radical scavenger, a membrane cross-linker, a hydrogen peroxide decomposition catalyst and/or a hydrogen peroxide stabilizer. The presence of the additive in the membrane electrode assembly (MEA) may however result in reduced performance of the PEM fuel cell. Accordingly, it may be desirable to restrict the location of the additive to locations of increased susceptibility to membrane degradation such as the inlet and/or outlet regions of the MEA.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1552/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CRYOGRANULATION AND STORAGE METHOD FOR ACTIVE PHARMACEUTICAL AGENTS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:A61J 1/00 :PA2003 01896 :19/12/2003 :Denmark :PCT/DK2004/000878 :17/12/2004 :WO/2005/058474 :NA :NA :NA :NA	(71) Name of Applicant : 1)ALK-ABELLO A/S Address of Applicant :BOGE ALLE 6-8, DK-2970 HORSHOLM Denmark (72) Name of Inventor : 1)RICHTER-FRILS, MARTIN 2)ANDERSEN, SIGNE, KOLMOS

No of Pages : 22

No of Claims : 29

(57)Abstract:

The present invention relates to processes for the preparation of a batch of an active pharmaceutical ingredient, e.g. an allergen product. The invention also relates to a container comprising cryogranules of a liquid composition of an allergen product, and to a cryogranule of an allergen product. The processes feature formation of cryogranules using a container having therein a cryogenic medium (e.g. liquid nitrogen) and storage of the cryogranules in the same container. The cryogranules obtained can be stored and handled without prior freeze-drying.

(54) Title of the invention : EPITHELIUM TREATMENT METHODS AND DEVICES FOR TREATING THE EPITHELIUM

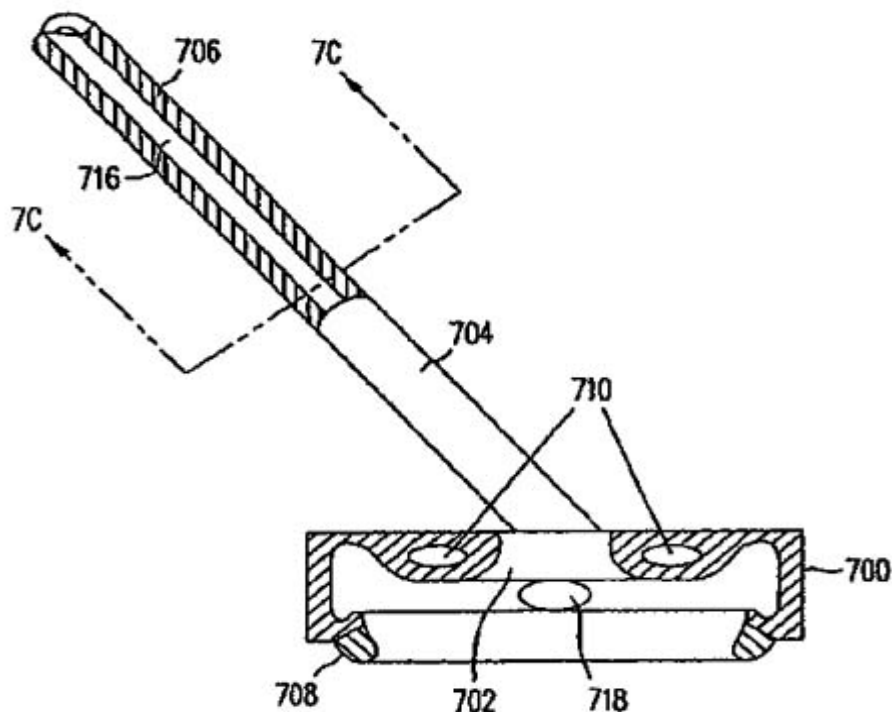
(51) International classification	:A61F 9/00 A61F 9/007 A61F 9/013	(71)Name of Applicant :
(31) Priority Document No	:60/519,903	1)TISSUE ENGINEERING REFRACTION, INC.
(32) Priority Date	:14/11/2003	Address of Applicant :P.O.BOX 61168 PALO ALTO, CALIFORNIA 94306, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/038186	1)PEREZ, EDWARD
Filing Date	:15/11/2004	
(87) International Publication No	:WO 2005/049071	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 58

(57)Abstract:

Described here are methods and devices for treating an eye, where an epithelial flap has been raised from the eye by epithelial delamination. Some of the treatment methods comprise administering an effective treatment agent to a cornea, epithelium, or eye, before, during, or after the delamination. A number of treatment agents are described. Exemplary treatment agents include adhesion molecules, lubricants, nourishing agents, growth factors, and the like. Other described treatment methods and the devices for such treatment involve cooling the eye, epithelium, or cornea, before, during, or after the delamination. In some variations, the step of cooling comprises cooling a delaminating device to an effective temperature during the delamination. In other variations, the step of cooling comprises introducing a cool fluid to the eye, epithelium, or cornea, before, during, or after the delamination. Other described methods involve the modification of a bandage contact lens, and the introduction of intact epithelial cells to the epithelial flap.



(54) Title of the invention : CROSSLINKED FOAM WHICH HAS INNER-CAVITY STRUCTURE, AND PROCESS OF FORMING THEREOF

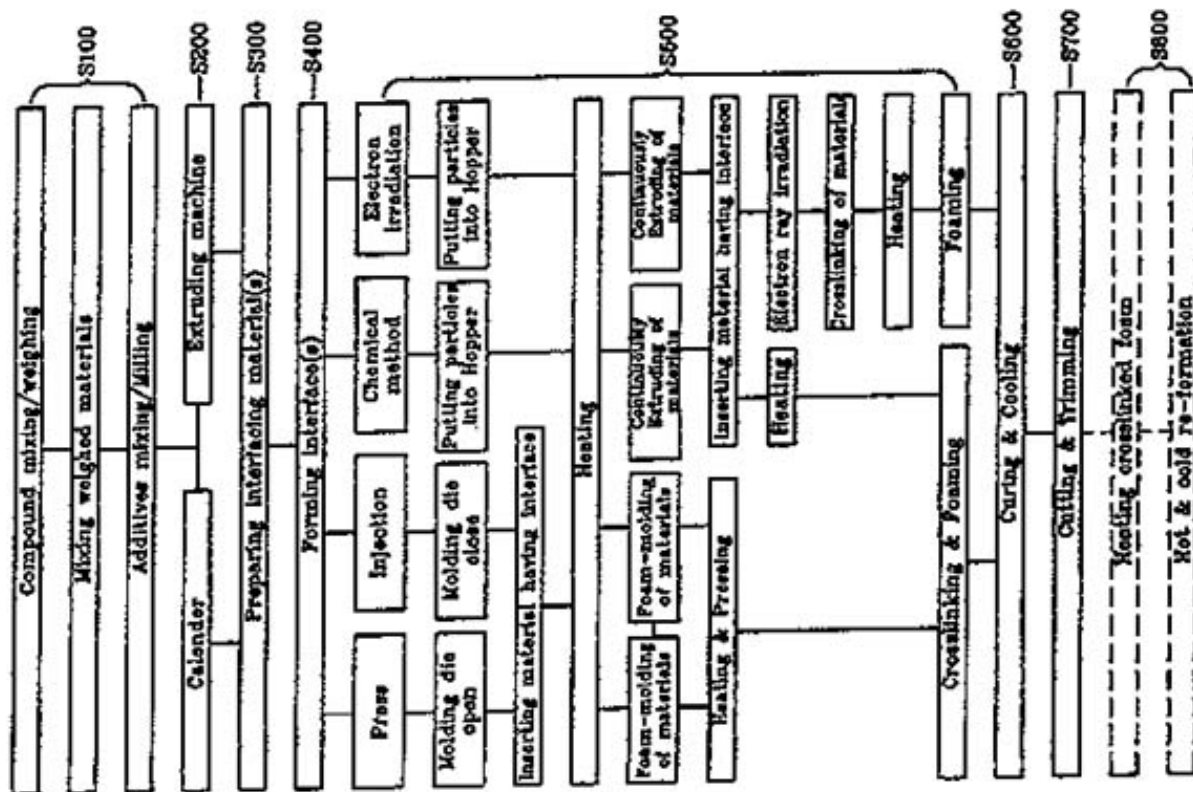
(51) International classification	:B29C 44/00	(71) Name of Applicant :
(31) Priority Document No	:10-2003-0094161	1)PARK JANG WON
(32) Priority Date	:19/12/2003	Address of Applicant :BAEKSAE HAEUNDAE VILLA B-202, 1504-
(33) Name of priority country	:Republic of Korea	11 JUNG-DONG, HAEUNDAE-GU, BUSAN 612-849 Republic of Korea
(86) International Application No	:PCT/KR2004/001809	(72) Name of Inventor :
Filing Date	:20/07/2004	1)PARK JANG WON
(87) International Publication No	:WO 2005/063864	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 127

No of Claims : 27

(57) Abstract :

A method of forming a cross-linked foam is provided in the present invention. The method includes the steps of preparing at least one foaming material for cross-linked foaming, the foaming material processed to have a plane or three-dimensional shape with the cross-linked foaming suppressed; forming at least one interfacing pattern on a surface of at least one interfacing pattern on a surface of at least one of the foaming material using at least one interfacing material that prevents chemical and physical interaction between the foaming materials; and forming a cross-linked foam by foaming the foaming material having the interfacing pattern thereon, the cross-linked foam having a foam body and an internally-formed surface.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1555/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PREPARATION OF METAL/METAL OXIDE SUPPORTED CATALYSTS BY PRECURSOR CHEMICAL NANOMETALLURGY IN DEFINED REACTION CHAMBERS OF POROUS SUPPORTS USING ORGANOMETALLIC AND/OR INORGANIC PRECURSORS AND REDUCTANTS CONTAINING METAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B01J 35/10 :10 2004 011 335.1 :09/03/2004 :Germany :PCT/EP2005/002429 :08/03/2005 :WO/2005/087374 :NA :NA :NA :NA	(71)Name of Applicant : 1)SUD-CHEMIE AG Address of Applicant :LENBACHPLATZ 6, 80333 MUNCHEN Germany (72)Name of Inventor : 1)FISCHER RICHARD 2)FISCHER ROLAND 3)BECKER RALF 4)HINRICHSSEN KAI-OLAF 5)MUHLER MARTIN

No of Pages : 44

No of Claims : 14

(57)Abstract:

The invention relates to a catalyst containing a porous support, which has cavities that open onto at least one face. Said openings have a diameter of approximately 0.7 to 20 nm, at least in one extension direction. The support has a specific surface area of at least 500 m/g and is also charged with a content of at least one catalytically active metal component amounting to at least 2.5 m per gram of catalyst. The invention also relates to a method for producing a catalyst of this type and to the use of the latter in methanol synthesis or as a reformer in fuel-cell technology.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1556/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : QUINOXALINES USEFUL AS INHIBITORS OF PROTEIN KINASES

(51) International classification	:C07D 403/12	(71) Name of Applicant :
(31) Priority Document No	:60/526,843	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:04/12/2003	Address of Applicant :130 WAVERLY STREET, CAMBRIDGE, MA
(33) Name of priority country	:U.S.A.	02139 U.S.A.
(86) International Application No	:PCT/US2004/040777	(72) Name of Inventor :
Filing Date	:03/12/2004	1)BEMIS, GUY, W.
(87) International Publication No	:WO 2005/056547	2)DUFFY, JOHN, P
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 74

No of Claims : 47

(57)Abstract:

The present invention relates to compounds useful as inhibitors of protein kinases. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1557/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING OLEFIN POLYMERS

(51) International classification	:C08F 4/44
(31) Priority Document No	:03396115.2
(32) Priority Date	:19/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FI2004/000778
Filing Date	:17/12/2004
(87) International Publication No	:WO/2005/058984
(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)BOREALS TECHNOLOGY OY
Address of Applicant :P.O.BOX 330, FI-06101 PORVOO Finland
(72)**Name of Inventor :**
1)VESTBERG, TORVALD

No of Pages : 30

No of Claims : 35

(57) Abstract :

A process for producing at least two different propylene polymer grades, in which process the isotacticity of the polymer is changed while keeping the melt flow rate of the polymer at a predetermined level during a transition of production from a first polymer grade to a second. The process is carried out in a polymerization arrangement comprising at least one polymerization reactor, where propylene is polymerized, optionally with comonomers, under polymerization conditions in the presence of hydrogen as a molecular weight controlling agent and a Ziegler-Natta catalyst system. The catalyst system comprises a catalyst component and an external donor. During a transition of production from the first polymer grade to the second, the external donor is changed, but the hydrogen feed is kept at a predetermined level.

(54) Title of the invention : SYSTEM FOR PROCESSING DATA UNIT OF RADIO PROTOCOL LAYER

(51) International classification :H04L 12/56
 (31) Priority Document No :10-2004-0044712
 (32) Priority Date :16/06/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001812
 Filing Date :14/06/2005
 (87) International Publication No :WO/2005/125125
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

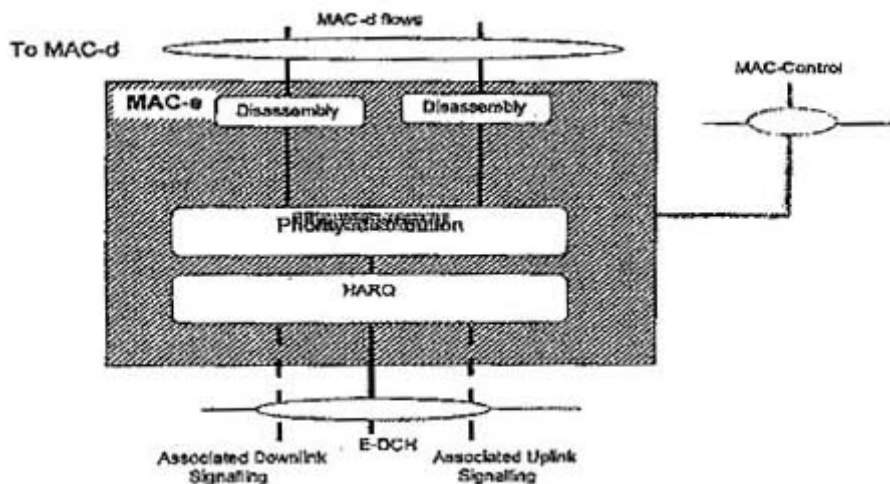
(71)**Name of Applicant :**
1)LG ELECTRONICS, INC.
 Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
 SEOUL 150-010 Republic of Korea
 (72)**Name of Inventor :**
1)YI, SEUNG-JUNE
2)CHUN, SUNG-DUCK
3)LEE, YOUNG-DAE

No of Pages : 54

No of Claims : 24

(57) Abstract :

The present invention relates to a system for processing data units of a radio protocol layer. A reordering buffer for reordering data blocks is provided for each logical channel. Unnecessary data transmission delay is prevented and transmission efficiency at a radio interface is enhanced because the present invention is directed to reordering data units of a MAC-d SDU or MAC-d PDU, compared to the conventional art in which the reordering operation is performed according to the units of a MAC-e PDU.



(54) Title of the invention : MATERIAL DISCHARGE APPARATUS AND METHOD

(51) International classification :B65D 90/62
 (31) Priority Document No :53088
 (32) Priority Date :23/12/2003
 (33) Name of priority country :New Zealand
 (86) International Application No :PCT/NZ2004/000337
 Filing Date :23/12/2004
 (87) International Publication No :WO/2005/061347
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

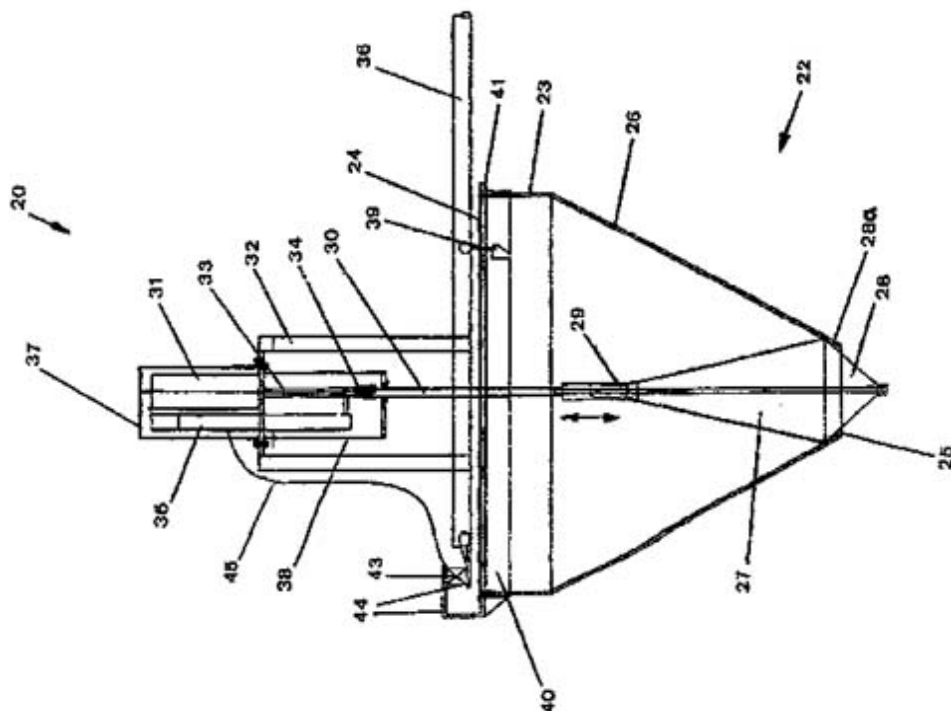
(71)Name of Applicant :
1)DSH SYSTEMS LIMITED
 Address of Applicant :3 NILGIRI ROAD, NAPIER New Zealand
 (72)Name of Inventor :
1)SCHWASS, Trevor, Douglas, Anthony

No of Pages : 26

No of Claims : 19

(57) Abstract :

This invention relates to a material discharge apparatus (1), method and computer program for controlling the flow rate of flowable material being conveyed through a hopper (2), the apparatus (1) including a hopper (2) having an inlet opening (4) at the top and a discharge outlet (5) at the base of the hopper (2), and a valve means (7) configured and arranged in the hopper, the valve means (7) having a lower end portion adjacent the discharge outlet (5) forming a gap between the hopper and the valve means for material to flow there through, the valve means and/or the hopper being adapted to move relative to the other, in use, for controlling the rate of discharge of material through the gap.



(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF HELICOBACTER PYLORI-ASSOCIATED DISEASES USING ENDOPEROXIDE BRIDGE-CONTAINING COMPOUNDS

(51) International classification :A61K 31/335
 (31) Priority Document No :60/523,114
 (32) Priority Date :19/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2004/003759
 Filing Date :17/11/2004
 (87) International Publication No :WO 2005048912
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

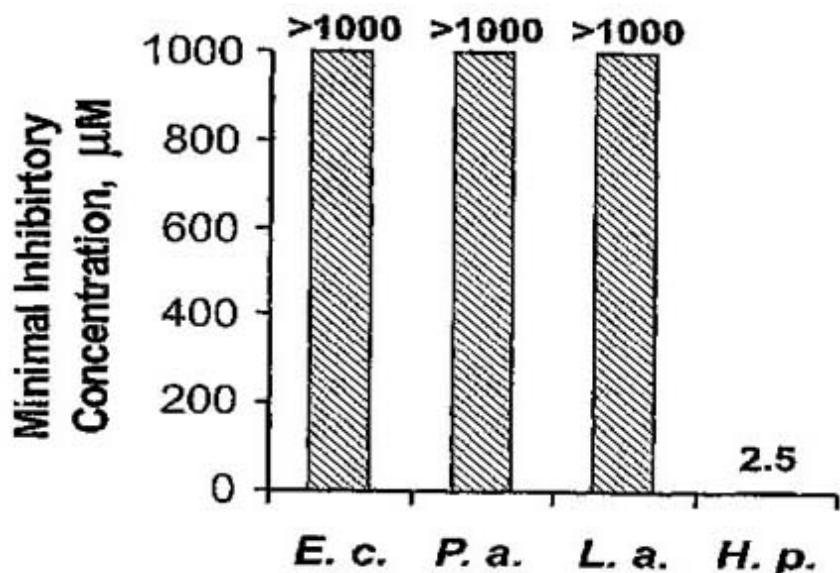
(71)Name of Applicant :
1)VECTA LTD.
 Address of Applicant :12, HAMADA STREET, BEIT TAMAR, 76703
 REHOVOT (IL) Israel
 (72)Name of Inventor :
1)MARASH, MICHAEL
2)KLUEV, ELENA

No of Pages : 27

No of Claims : 13

(57) Abstract :

The present invention relates to methods and compositions for treating pathological conditions associated with ferrous-dependent bacteria, such as, *Helicobacter pylori* in which high intracellular ferrous iron concentration is required for their survival and pathogenesis. The compositions of the invention comprise endoperoxide bridge-containing compounds that specifically inhibit the growth of the ferrous-dependent bacteria and preferably promote the eradication of the bacteria. The compositions, typically also include at least one active agents for treating *Helicobacter* sp -related gastrointestinal disorders, such as a proton pump inhibitor, an H2 blocker or a bismuth-containing compound.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/05/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CONJUGATION OF PEPTIDES

(51) International classification	:A61K38/27;C07C237/20	(71) Name of Applicant : 1)NOVO NORDISK A/S Address of Applicant :NOVO ALLE, DK-2880, BAGSVAERD, Denmark
(31) Priority Document No	:PA200301496; 60/510,892	(72) Name of Inventor : 1)ZUNDEL MAGALI
(32) Priority Date	:10/10/2003;14/10/2003	2)PESCHKE BERND
(33) Name of priority country	:Denmark	3)DORWALD FLORENCIO ZARAGOZA
(86) International Application No	:PCT/DK2004/000685	4)FILL NIELS PETER
Filing Date	:08/10/2004	5)JOHANSEN NILS LANGLAND
(87) International Publication No	:WO 2005/035553	6)STENNICKE HENNING RALF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 151

No of Claims : 33

(57) Abstract :

Methods for the selective conjugation of peptides which comprises an enzymatic incorporation of a functional group at the C-terminal end of a peptide followed by reaction with a second compound comprising the moiety to be conjugated to the peptide, wherein said second compound comprises a functional group which selectively reacts with the incorporated functional group.

(54) Title of the invention : ARRANGEMENT WITH AN IMPLANT AND/OR A UNIT BELONGING TO SAID IMPLANT, AND METHOD FOR PRODUCTION OF THE IMPLANT AND/OR UNIT

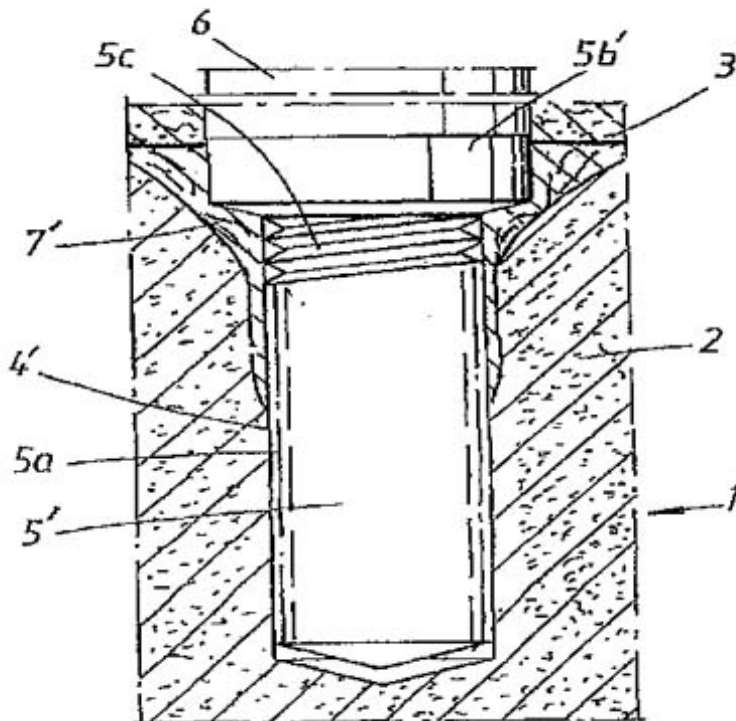
(51) International classification	:A61C 8/00	(71)Name of Applicant :
(31) Priority Document No	:0303323-0	1)NOBEL BIOCARE AB(PUBL)
(32) Priority Date	:11/12/2003	Address of Applicant :BOX 5190 SE-402 26 GOTEBOG Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE04/001806	1)HALL, JAN,
Filing Date	:06/12/2004	
(87) International Publication No	:WO/2005/055860	
(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 : 13

(57) Abstract :

An implant (5, 13) and/or a unit (9), e.g. spacer sleeve, belonging to said implant is/are intended to extend through a hole (4") formed in a jaw bone (2) and through soft tissue (3) belonging to the jaw bone and to comprise one or more outer layers of principally titanium dioxide. Each layer consists of crystalline titanium dioxide which largely or completely assumes the anatase phase. The invention also relates to a method for production of such a dental implant (5, 13) and/or of a unit (9) belonging to it, which has one or more outer layers of titanium dioxide. The method is an anodic oxidation method in which the part or parts bearing the outer layer(s) is/are applied to electrolyte under voltage, e.g. comprising sulfuric acid and phosphoric acid, and the voltage (U) and the dwell time of the part or parts in the electrolyte are chosen such that titanium dioxide, largely or completely assuming the crystalline anatase phase, is formed. Excellent bone guidance and soft tissue integration can be achieved in this way.



(54) Title of the invention : IMPLANT

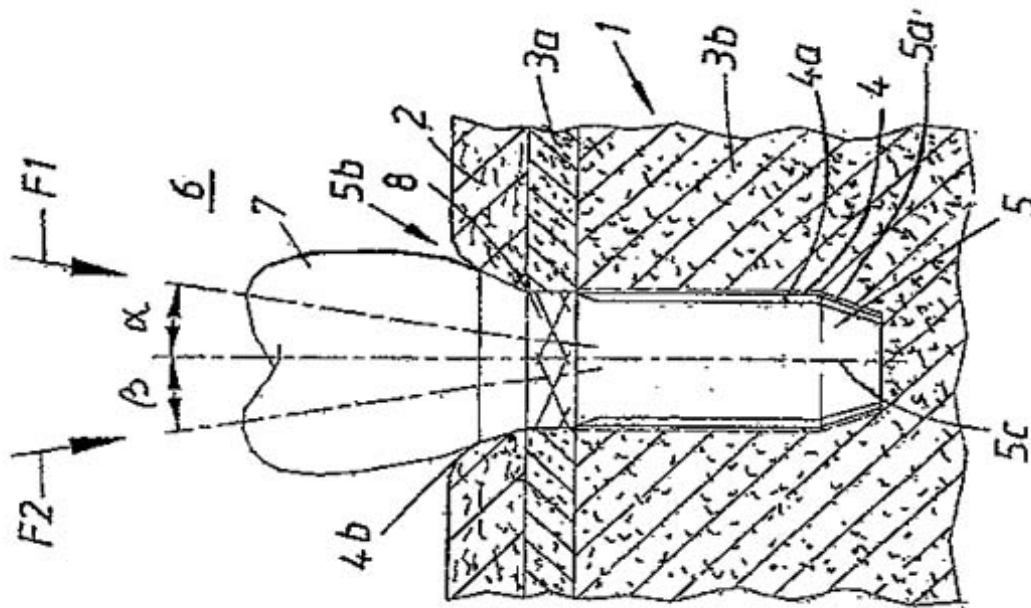
(51) International classification	:A61C8/00; A61C8/00	(71)Name of Applicant :
(31) Priority Document No	:0303460-0	1)NOBEL BIOCARE AB(PUBL)
(32) Priority Date	:22/12/2003	Address of Applicant :BOX 5190 SE-402 26 GOTEBOG Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE04/001917	1)JORNEUS, LARS
Filing Date	:20/12/2004	2)DURIC, SANEL
(87) International Publication No	:WO/2005/060863	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 16

(57) Abstract :

An implant (5) can be fitted in an implantation site in a hole (4) formed in a jaw bone (1) where it is exposed to an impinging force or impinging forces (F1, F2). The implant can comprise one or more peripherally extending surfaces (5d) which are arranged at its upper/outer portion (5b) and which can be placed against a jaw bone part (3) at the outlet opening (4b) of the hole. Each surface (5d) is provided with a pattern (8) of grooves and/or recesses. Some of these are designed so that, in the implantation site, they extend substantially at right angles to, and if appropriate parallel to, said forces (F1, F2) when these assume principal directions differing from the longitudinal direction (5c) of the implant. By virtue of this arrangement, it is possible to achieve effective load-bearing in different implantation situations.



(54) Title of the invention : A DIAGNOSTIC DEVICE FOR TUBULAR ANATOMICAL STRUCTURES

(51) International classification :A61B 1/31 A61B 1/32
 (31) Priority Document No :MI2003A002278
 (32) Priority Date :21/11/2003
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IT04/000629
 Filing Date :16/11/2004
 (87) International Publication No :WO/2005/048828
 (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)ETHICON ENDO-SURGERY, INC.

Address of Applicant :4545 Creek Road, Cincinnati, OH 45242 Ohio Corporation U.S.A.

(72)Name of Inventor :

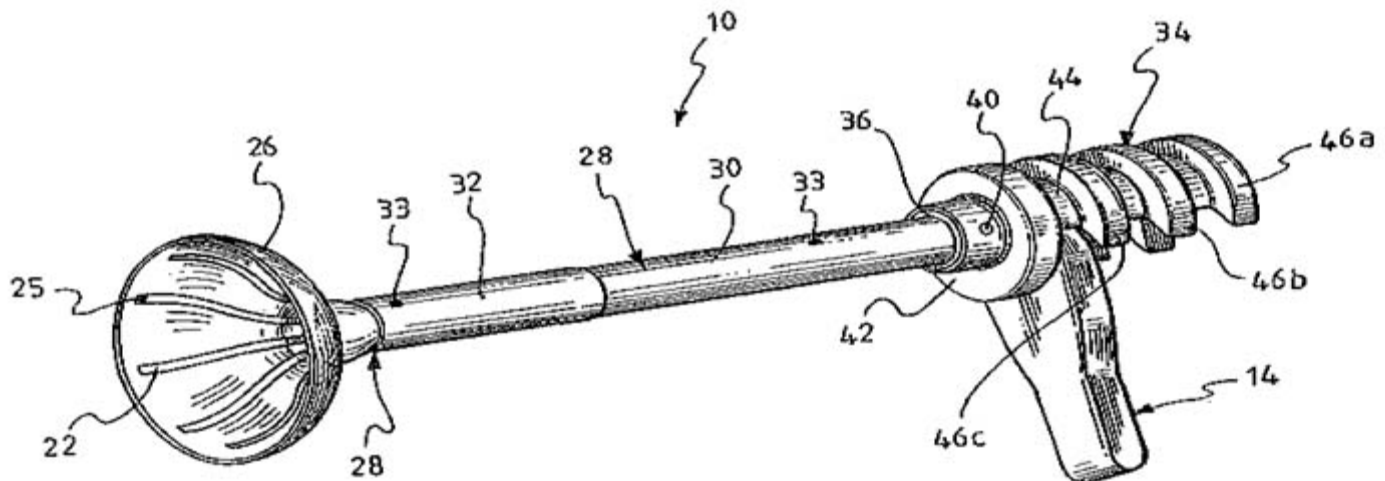
1)KUHNS JESSE J.**2)D'ARCANGELO, MICHELE****3)BILOTTI, FEDERICO****4)LONGO, ANTONIO**

No of Pages : 60

No of Claims : 58

(57) Abstract :

A diagnostic device (10) for pathologies of tubular anatomical structures comprises a tubular elongated structure (12, 28) developing between a proximal end and a distal end and is adapted to be inserted in the tubular anatomical structure, means (22) for locally dilating the walls of the tubular anatomical structure being associated with the distal end of said elongated structure, said means for locally dilating being movable between a closed position for introducing the device and at least one open position for viewing and evaluating the pathology, and control means being associated with the proximal end of the elongated structure, said control means being operatively connected to said means for locally dilating, in order to move them between the closed position and the open position, and vice versa.



(54) Title of the invention : METHOD AND ARRANGEMENT FOR ORIENTING A BRIDGE IN POSITION RELATIVE TO A DENTAL IMPLANT

(51) International classification :A61C8/00; A61C
 (31) Priority Document No :0303461.8
 (32) Priority Date :22/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE04/001553
 Filing Date :22/11/2004
 (87) International Publication No :WO/2005/060862
 (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)NOBEL BIO CARE AB (PUBL)

Address of Applicant :BOX 5190 S-402 26 GOTEBOG Sweden

(72)Name of Inventor :

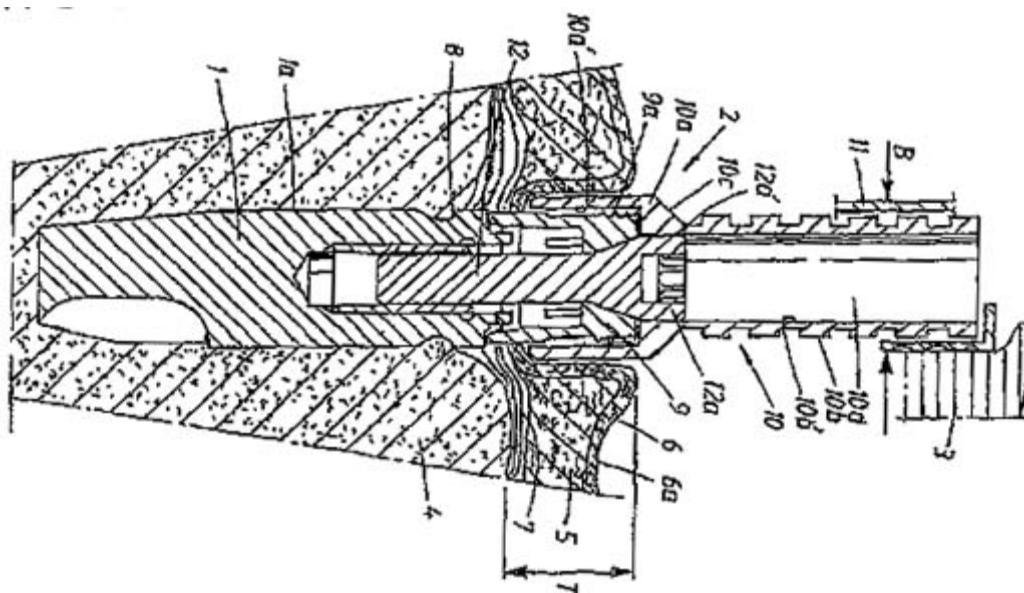
1)BRAJNOVIC, IZIDOR

No of Pages : 12

No of Claims : 10

(57) Abstract :

In a method for orienting a bridge (3) in position relative to a dental implant (1) with the aid of spacer members, these are brought into cooperation with, on the one hand, the respective implant and, on the other hand, with fastening members (11) arranged in the bridge. A first sleeve-shaped part (9) included in the spacer member is brought into cooperation with the implant (1). A second sleeve-shaped part (10) included in the spacer member is brought into cooperation with, on the one hand, the first sleeve-shaped part and, on the other hand, with a fastening member in the bridge. Said sleeve-shaped parts (9, 10) are made to assume assembled positions when the bridge is anchored to the implants. Upon detachment of the bridge from the implant, the first and second sleeve-shaped parts are separated so that the first sleeve-shaped part can maintain its position on the implant. The second sleeve-shaped part can follow along with the bridge or can constitute a free part. The invention also relates to an arrangement for obtaining said position orientation. By means of the invention, it is possible to reduce the number of components in connection with bridge installations. A good esthetical appearance can be maintained, and it is possible to minimize damage which can cause bone absorption.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1566/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR MANUFACTURING HIGH TENSILE STRENGTH STEEL PLATE

(51) International classification	:C21D 8/02	(71)Name of Applicant :
(31) Priority Document No	:2004-200514	1)JFE STEEL CORPORATION
(32) Priority Date	:07/07/2004	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 100-0011 Japan
(86) International Application No	:PCT/JP05/012884	(72)Name of Inventor :
Filing Date	:06/07/2005	1)AKIHIDE NAGAO
(87) International Publication No	:WO/2006/004228	2)KENJI OI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 6

(57) Abstract :

A method for producing a high tensile steel sheet, which comprises casting a steel having a chemical composition, in mass %, that C: 0.02 to 0.18%, Si: 0.05 to 0.5 %, Mn: 0.5 to 2.0 %, Al: 0.005 to 0.1 %, N: 0.0005 to 0.008 %, P: 0.03 % or less, S: 0.03 % or less, P: 0.03 % or less, and the balance: Fe and inevitable impurities, subjecting the resultant steel to hot rolling so as for the sheet to have a prescribed sheet thickness, without cooling it to its Ar₃ transformation point or lower or after re-heating it to its Ac₃ transformation point or higher, subsequently subjecting the rolled sheet to the direct quenching or accelerated cooling from its Ar₃ transformation point or higher, to cool it to 400 DEG C or lower, and then tempering the cooled sheet to such a degree that a portion of the sheet being central in the thickness direction has a highest temperature of 520 DEG C or higher, with an average rate of the temperature rise in the above portion of the sheet of 1 DEG C/s or higher for the range from 460 DEG C to a prescribed tempering temperature being its Ac₁ transformation point or lower, by the use of a heating apparatus provided being directly connected to the same production line as that for a roller and an apparatus for direct quenching or accelerated cooling. The above method allows the production of a high tensile strength sheet which is superior to a conventional sheet in the balance between tensile strength and toughness before PWHT and after PWHT and has a tensile strength of 570 MPa (N/mm²) or more, by adopting, in the tempering treatment for a quenched and tempered steel sheet, a specific value as the rate of temperature rise in a portion of the steel sheet being central in the thickness direction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1567/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SYSTEM AND ARRANGEMENT FOR PRODUCTION AND INSERTION OF A DENTAL BRIDGE STRUCTURE

(51) International classification	:A61C8/00; A61C13/00
(31) Priority Document No	:0303309-9
(32) Priority Date	:10/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE04/001527
Filing Date	:22/10/2004
(87) International Publication No	:WO/2005/055856
(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)NOBEL BIOCARE AB (PUBL)

Address of Applicant :BOX 5190 S-402 26 GOTEBOG Sweden

(72)Name of Inventor :

1)ANDERSSON, MATTS

2)BRAJNOVIC, IZIDOR

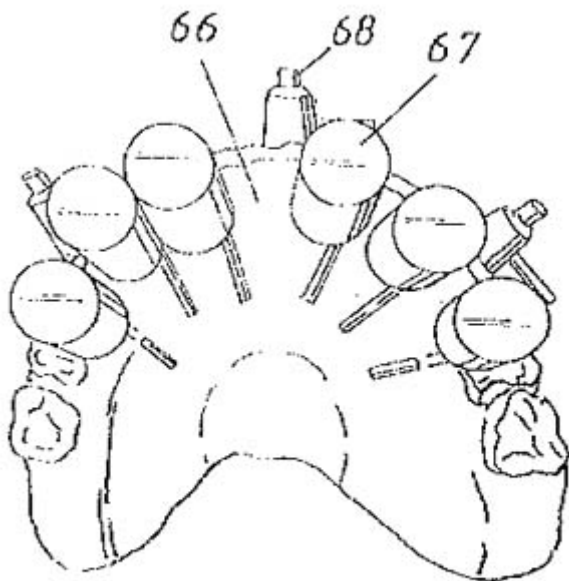
3)PETTERSSON, ANDREAS

No of Pages : 18

No of Claims : 17

(57) Abstract :

A system comprises a computer appliance (7) designed to receive, and to present on screen, first information (12) transmitted from identification equipment (6) and based on detection of a jaw bone structure. Modification information which can be introduced into the computer appliance shows a visual dental bridge structure applied on the jaw bone structure with associated teeth and dentine. Orientations for implants are also shown. The computer appliance produces a CAD file which is based on the first information and the modification information. The file is received in a stereolithography machine which issues second information which can be processed in the equipment (9) for production of the physical template with associated through-bores for sleeves which determine recessed positions and directions for the implants. A working model (16) is produced with the aid of the physical template which is also used for hole formation in the jaw bone structure. The invention also relates to an arrangement of a template produced by stereolithography and by means of information from the computer appliance. By means of the invention, the installation of the dental bridge on the patient can be increased at lower cost, with shorter times and a sustained degree of accuracy.



(54) Title of the invention : BOLT THAT CAN BE PRESSED INTO A METAL SHEEL IN A TORSION-PROOF AND EJECTION-PROOF MANNER

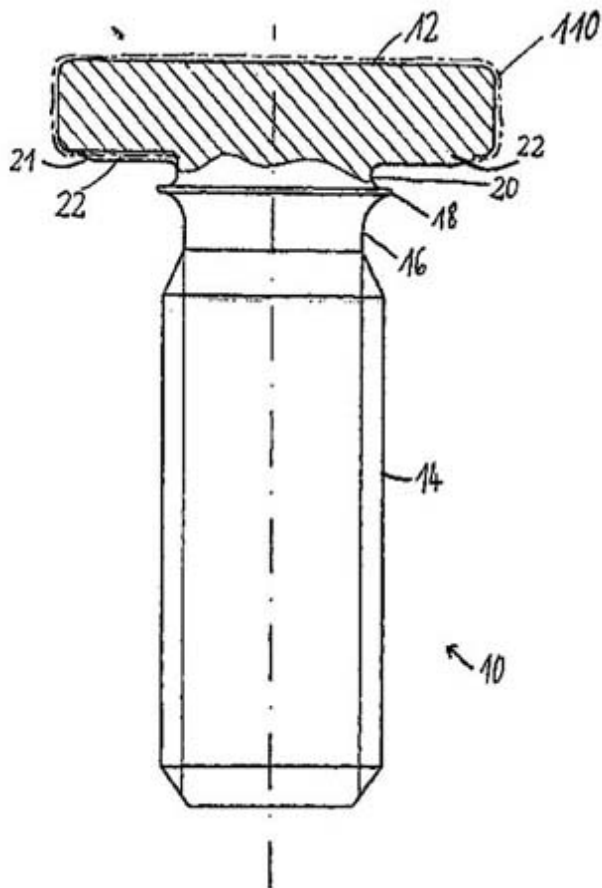
(51) International classification	:F16B 33/00;F16B35/04	(71)Name of Applicant :
(31) Priority Document No	:20-2004-000-463.1	1)TEXTRON VERBINDUNGSTECHNIK GMBH & CO. KG.
(32) Priority Date	:13/01/2004	Address of Applicant :AUGUSTENTHALERSTRASSE 87, 56567,
(33) Name of priority country	:Germany	NEUWIED Germany
(86) International Application No	:PCT/DE2005/000032	(72)Name of Inventor :
Filing Date	:12/01/2005	1)SCHRAER, THORSTEN
(87) International Publication No	:WO/2005/068855	
(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 : 9

(57) Abstract :

Disclosed is a bolt (10) that can be pressed into a metal sheet in a torsion-proof and ejection-proof manner and comprises a head (12). The side of the head (12) facing the metal sheet after being inserted is provided with radially arranged webs (22) which are pressed in when being inserted into the metal sheet. A cylindrical winding support (14) is disposed in the centre of the head (12). Said winding support (14) extends through the metal sheet and protrudes on the other side thereof while being provided with a circumferential annular groove (20) near the side of the head (12) that faces the metal sheet in the set state. The sheet metal material that is displaced during the setting process can be pressed into said annular groove (20). All or part of the side of the head (12) facing the metal sheet is provided with a rubber-elastic sealing material (110).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1569/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF SUBSTITUTED AMINO ALCHOHOLS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:C07C 213/00 :60/527,930 :08/12/2003 :U.S.A. :PCT/US2004/040855 :07/12/2004 :WO 2005/056514 :NA :NA :NA :NA	(71) Name of Applicant : 1)WYETH Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A. (72) Name of Inventor : 1)WU, YANZHONG 2)RUBEZHOV, ARKADIY 3)SCHMID, JEAN 4)AFRAGOLA, JAY, THOMAS

No of Pages : 16

No of Claims : 26

(57) Abstract :

There is provided a process for the preparation of substituted amino alcohols HO-(CH₂)_n-NRR from halo alcohols HO-(CH₂)_n-X, where X is Cl, Br or I, bz reaction with an amine HNRR, in water as solvent at a temperature range of about 20 DEG C to about 90 DEG C optionally in the presence of a catalytic amount of an iodide source³ metal iodides. The halo alcohols are useful in the preparation of 6-[(substituted)phenyl]-triazolopyrimidine compounds which are useful in the treatment of cancer.

(54) Title of the invention : CHAIN-LIKE END PART FASTENER OF ORNAMENT

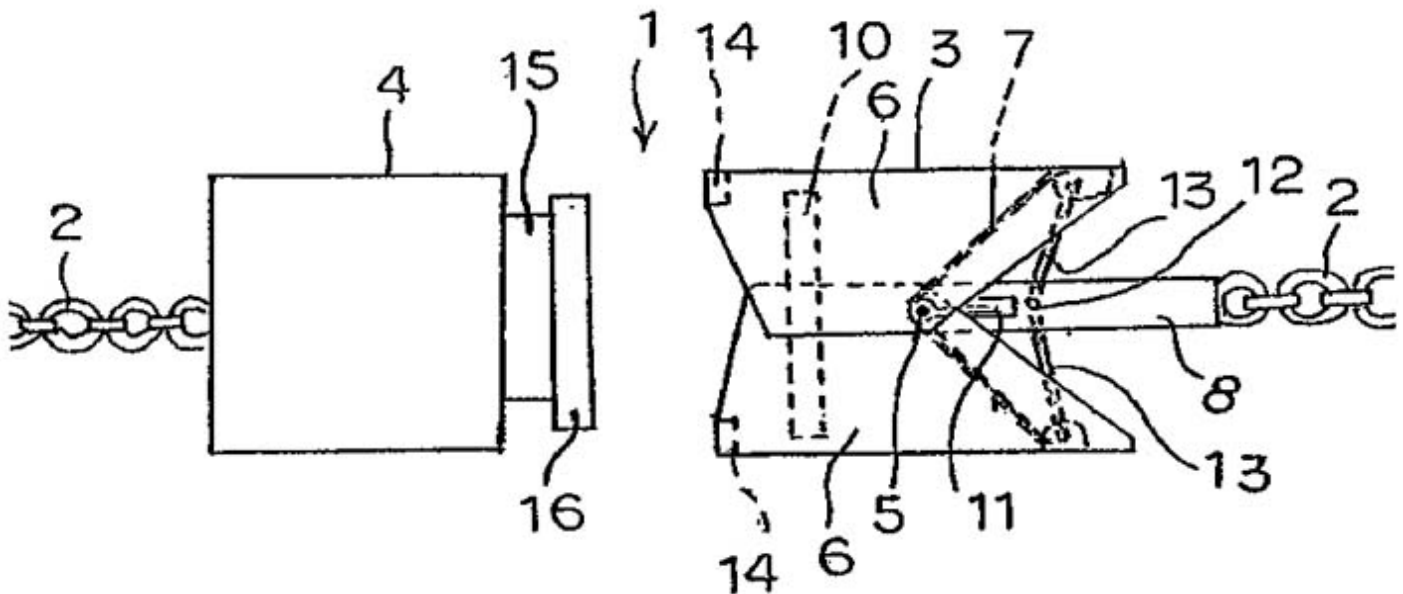
(51) International classification	:A44C 11/02	(71)Name of Applicant :
(31) Priority Document No	:2004-206769	1)YUGEN KAISHA HOUSEKI-NO-ANGEL
(32) Priority Date	:14/07/2004	Address of Applicant :HAPPINESS FUJIGAOKA 101, 1,
(33) Name of priority country	:Japan	FUJIMIGAOKA, MEITO-KU, NAGOYA-SHI, AICHI-KEN, 465-0048
(86) International Application No	:PCT/JP2005/012535	Japan
Filing Date	:30/06/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/006476	1)HASHIMOTO HISAJIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 6

(57) Abstract :

A fastener of such a system that lockingly engages a holder fitted to the end part of one chain-like part of an ornament with a holder receiver fitted to the end part of the other chain-like part of the ornament. Magnets attracted to each other or a magnet and a metal material attracted to the magnet are installed, as attracting materials, on the holder and in the holder receiver at portions allowing the holder and the holder receiver to be guided to correct engagement positions. Thus, the pair of locking members can be guided and positioned at correct locking positions relative to each other without relying on visual adjustment.



(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING PUSH-TO-TALK SERVICES IN A CELLULAR COMMUNICATION SYSTEM

(51) International classification :H04Q 7/20
 (31) Priority Document No :60/533,842
 (32) Priority Date :31/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/043510
 Filing Date :22/12/2004
 (87) International Publication No :WO 2005/065287
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

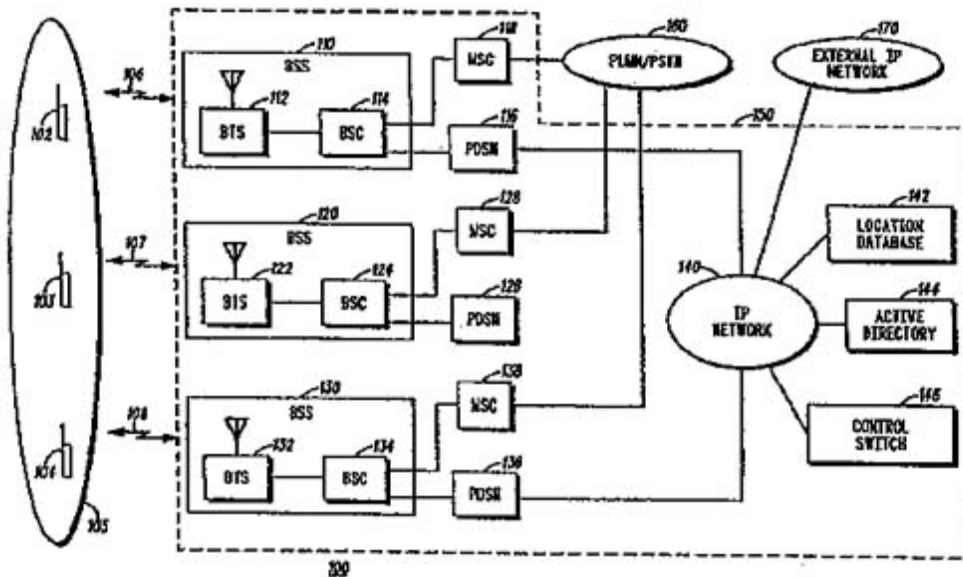
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)IYER, PRAKASH, R.
2)ARAVAMUDAN, MURALI
3)RAJASEKHARAN, AJIT

No of Pages : 36

No of Claims : 23

(57) Abstract :

To reduce a delay between a time that a user of an originating mobile station (MS) (102) requests to set up a Push-To-Talk (PTT) call and a time that the user may begin to speak, a communication system (100) provides a 'wake up list' of other mobile stations (MSs) (103, 104) that may be awakened prior to the originating MS requesting to set up a PTT call. To further reduce the delay, the user may begin speaking prior to completion of the call set-up. The speech is stored and is conveyed to a called MS when the call is set-up. If the call does not get set-up or a user of the called MS is not present, the stored speech may be conveyed to the called MS as a voice message. The stored speech, or new speech, may also be used as an announcement of a call.



(54) Title of the invention : INTEGRATED MOBILE RESOURCES SYSTEM

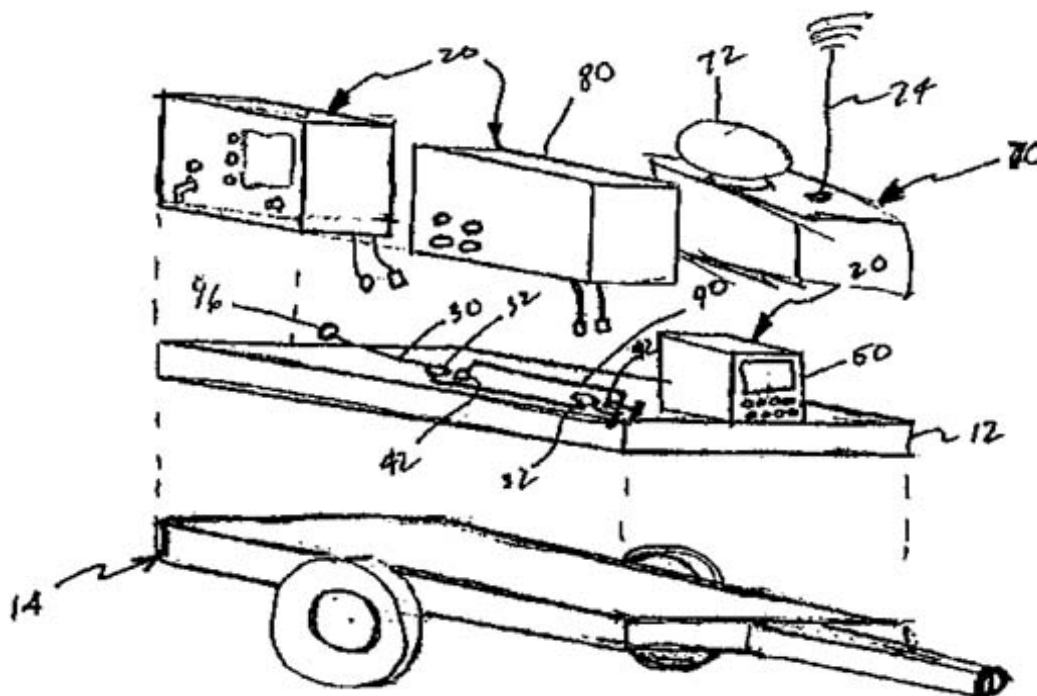
(51) International classification	:B60P 3/00,B60P 3/14	(71)Name of Applicant :
(31) Priority Document No	:60/527,916	1)ERUBS, INC.
(32) Priority Date	:08/12/2003	Address of Applicant :8555 WEST 123RD STREET, SUITE D,
(33) Name of priority country	:U.S.A.	SAVAGE, MINNESOTA, 55378 U.S.A.
(86) International Application No	:PCT/US2004/041123	(72)Name of Inventor :
Filing Date	:08/12/2004	1)YUNGNER, DEBORAH
(87) International Publication No	:WO 2005/057422	2)MENDEZ, FRANK G.
(61) Patent of Addition to Application Number	:NA	3)PETERSON, DAVID, J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 40

(57) Abstract :

An integrated and modular infrastructure resource system (IRS) is herein described. The IRS includes one or more infrastructure modules adapted to fulfil a given infrastructure needs such as electrical power, communications, water purification, and air filtration. The IRS may be controlled locally by a control module coupled to the infrastructure modules by a power bus and a control bus or remotely by a remote control-panel that communicates with the IRS by means of a communications module that includes a two-way communications device. The power bus and control bus act to network all of the provided infrastructure modules into an integrated system. Maintenance and logistics for a plurality of IRS's may be managed remotely by a single remote control panel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1573/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : MULTI-FOCAL INTRAOCULAR LENS, AND METHOD FOR MAKING AND USING SAME

(51) International classification	:A61F2/14; A61F2/16; A61F2/00; A61F2/14;	(71) Name of Applicant : 1)VISION SOLUTION TECHNOLOGIES L.L.C. Address of Applicant :15200 SHADY GROVE ROAD, ROCKVILLE, MARYLAND 20850 U.S.A.
(31) Priority Document No	:10/733,173	(72) Name of Inventor :
(32) Priority Date	:10/12/2003	1)GLAZIER ALAN
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/041381	
Filing Date	:09/12/2004	
(87) International Publication No	:WO 2005/058203	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 79

No of Claims : 29

(57) Abstract :

An intraocular lens (110) and related method for optically altering an image peripheral to a scotomatous area in a visual field of a person having a retinal degenerative condition are provided. Also provided are an intraocular lens (110) and related method for reducing the effect of a scotomatous area in a visual field. The intraocular lens (110) includes first and second fluids (122, 124).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : INHIBITION OF FGFR3 AND TREATMENT OF MULTIPLE MYELOMA

(51) International classification :B01J8/06; C01B3/38
(31) Priority Document No :60/517,915
(32) Priority Date :07/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036956
Filing Date :05/11/2004
(87) International Publication No :WO/2005/047244
(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)SHANG XIAO

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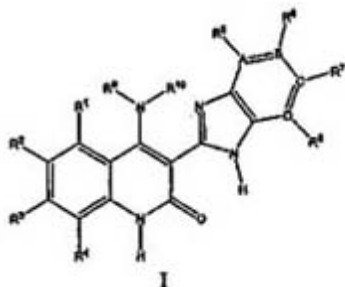
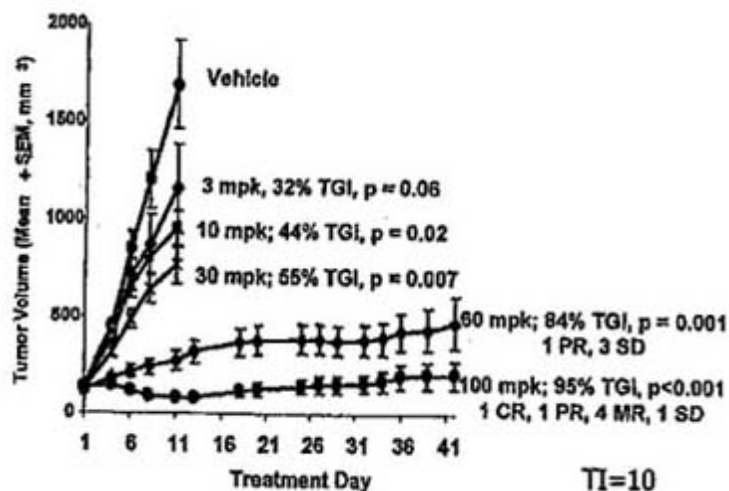
9)ZHU SHUGUANG

No of Pages : 564

No of Claims : 28

(57) Abstract :

Methods of inhibiting fibroblast growth factor receptor 3 and treating various conditions mediated by fibroblast growth factor receptor 3 are provided that include administering to a subject a compound of Structure I, a pharmaceutically acceptable salt thereof, a tautomer thereof, or a pharmaceutically acceptable salt of the tautomer. Compounds having the Structure I have the following structure where and have the variables described herein. Such compounds may be used to prepare medicaments for use in inhibiting fibroblast growth factor receptor 3 and for use in treating conditions mediated by fibroblast growth factor receptor 3 such as multiple myeloma.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1575/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR MULTI-BEAM ANTENNA SYSTEM

(51) International classification	:H04B 7/06;H04M 1/00
(31) Priority Document No	:10/704,158
(32) Priority Date	:10/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2004/001551
Filing Date	:26/10/2004
(87) International Publication No	:WO 2005/046080
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

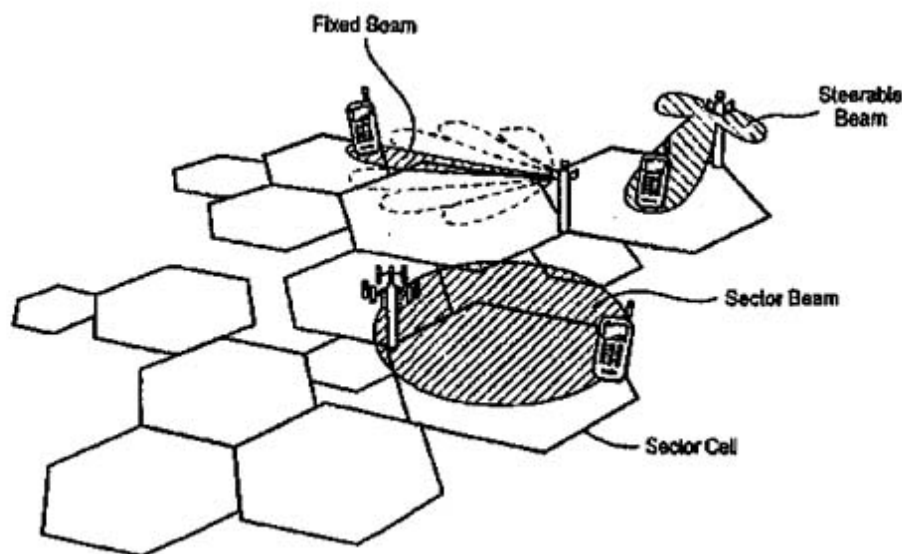
(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LOGOTHETIS, ANDREW
2)ASTELY, DAVID

No of Pages : 46

No of Claims : 50

(57) Abstract :

An antenna array in a radio node includes multiple antenna elements for transmitting a wider beam covering a majority of a sector cell that includes a common signal and a narrower beam covering only a part of the sector cell that includes a mobile user-specific signal. Transmitting circuitry is coupled to the antenna array, and processing circuitry is coupled to the transmitting circuitry. The processing circuitry ensures the user-specific signal and the common signal in a mixed beam embodiment are in-phase and time-aligned at the antenna array. In a steered beam embodiment, the processing circuitry ensures the user-specific signal and the common signal are time-aligned and have a controlled phase difference when received at mobile stations in the sector cell. In both embodiments, distortions in the common signal and the user-specific signal associated with their conversion from baseband frequency to radio frequency are also compensated. And in the steered beam embodiment, beam forming weights are used not only to radiate a narrower beam to the desired mobile user but also to direct a wider common signal beam to reach all mobile users in the cell.



(54) Title of the invention : PHOSPHATASE INHIBITOR SAMPLE COLLECTION SYSTEM

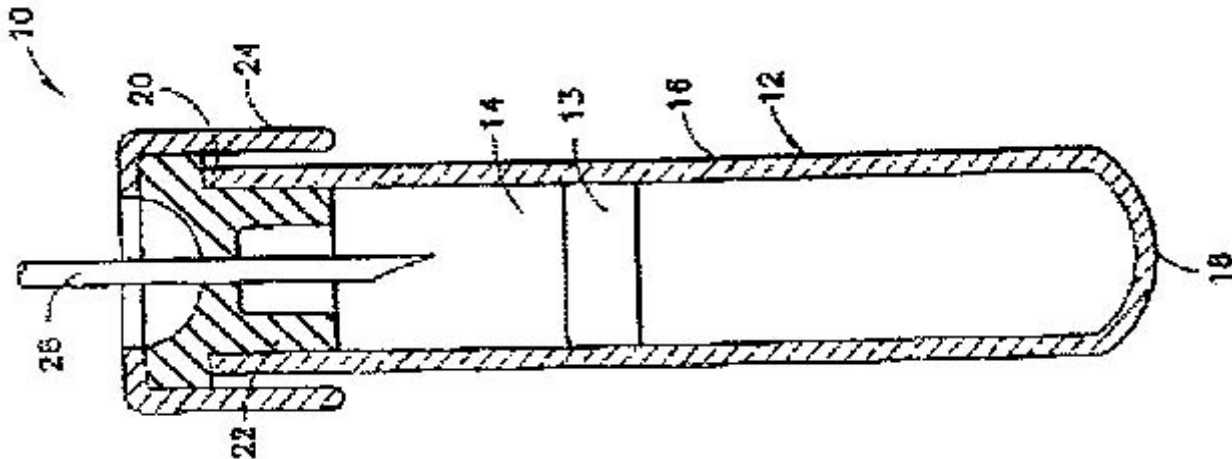
(51) International classification	:B01L 3/00 ;B01L 3/14	(71)Name of Applicant :
(31) Priority Document No	:60/527,790	1)BECTON, DICKINSON AND COMPANY
(32) Priority Date	:08/12/2003	Address of Applicant :1 BECTON DRIVE, FRANKLIN LAKES, NJ
(33) Name of priority country	:U.S.A.	07417-1880 U.S.A.
(86) International Application No	:PCT/US2004/039969	(72)Name of Inventor :
Filing Date	:30/11/2004	1)HAYWOOD, BRUCE, C.
(87) International Publication No	:WO 2005/056187	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 30

(57) Abstract :

A collection container and a method for collecting a biological sample, particularly whole blood, includes at least one stabilizing agent in an amount effective to stabilize and inhibit protein degradation and/or fragmentation. The stabilizing agent is able to stabilize proteases in the biological sample, particularly at the point of collection, by inhibiting protein degradation and/or fragmentation in the sample when the sample is stored. The stabilizing agent comprises or consists of one or more protease inhibitors.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1577/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : Fc-ERYTHROPOIETIN FUSION PROTEIN WITH IMPROVED PHARMACOKINETICS

(51) International classification	:C07K14/505; A61K38/00; C07K14/435; A61K3	(71) Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :FRANKFURTER STRASSE 250, 64293 DARMSTADT Germany
(31) Priority Document No	:60/533,858	(72) Name of Inventor :
(32) Priority Date	:31/12/2003	1)GILLIES, STEPHEN D.
(33) Name of priority country	:U.S.A.	2)LAUDER, SCOTT
(86) International Application No	:PCT/EP04/014608	3)KRESS, DOROTHEE
Filing Date	:22/12/2004	4)MAHLER, HANNS-CHRISTIAN
(87) International Publication No	:WO/2005/063808	5)MULLER, ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 70

No of Claims : 25

(57) Abstract :

The present invention provides novel highly sialylated Fc-EPO fusion proteins preferably comprising a couple of modifications in the Fc- portion as well as in the EPO portion and having improved pharmacokinetics. Specifically, the Fc-EPO proteins have a prolonged serum half-life and increased in vivo potency. The Fc-EPO fusion proteins synthesized in BHK cells have dramatically prolonged serum half-lives and increased in vivo potency when compared to corresponding Fc-EPO fusion proteins produced in other cell lines, such as, for example, NS/O cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : CARBOXAMIDE DERIVATIVES

(51) International classification :C07F 9/40
(31) Priority Document No :10358539.7
(32) Priority Date :15/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/013202
Filing Date :19/11/2004
(87) International Publication No :WO 2005/056528
(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)MERCK PATENT GMBH
Address of Applicant :FRANKFURTER STRASSE 250, 64293
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(72)**Name of Inventor :**
1)CEZANNE, BERTRAM
2)DORSCH, DIETER
3)MEDERSKI, WERNER
4)TSAKLAKIDIS, CHRISTOS
5)GLEITZ, JOHANNES

No of Pages : 65

No of Claims : 26

(57) Abstract :

The invention relates to novel compounds of formula (I), wherein: D, E, Q, T, X, Y, Z, Z", R, R, and R have the meanings cited in Claim 1. These novel compounds are inhibitors of coagulation factor Xa and can be used for the prophylaxis and/or the treatment of thromboembolic diseases and for treating tumors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1579/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PROLINYLARYLACETAMIDES

(51) International classification	:A61K 31/40	(71) Name of Applicant :
(31) Priority Document No	:103 58 814.0	1)MERCK PATENT GMBH
(32) Priority Date	:16/12/2003	Address of Applicant :FRANKFURTER STRASSE 250 64293
(33) Name of priority country	:Germany	DARMSTADT Germany
(86) International Application No	:PCT/EP04/013509	(72) Name of Inventor :
Filing Date	:26/11/2004	1)MEDERSKI, Werner
(87) International Publication No	:WO/2005/058817	2)TSAKLAKIDIS CHRISTOS
(61) Patent of Addition to Application Number	:NA	3)DORSCH, Dieter
Filing Date	:NA	4)CEZANNE, Bertram
(62) Divisional to Application Number	:NA	5)GLEITZ, Johannes
Filing Date	:NA	

No of Pages : 57

No of Claims : 22

(57) Abstract :

Novel compounds of formula (I) wherein R, R, R, R, X, X", and Y have the meaning cited in Claim 1. Said compounds are inhibitors of coagulation factor Xa and can be used for the prophylaxis and/or therapy of thromboembolic diseases and in the treatment of tumours.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1580/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : IL-7 FUSION PROTEINS

(51) International classification	:A61K 38/04 C07K 14/54 C12N 15/62	(71) Name of Applicant : 1)MERCCKE PATENT GMBH Address of Applicant :FRANKFURTER STRASSE 250 64293 DARMSTADT Germany
(31) Priority Document No	:60/533,406	(72) Name of Inventor :
(32) Priority Date	:30/12/2003	1)LAUDER, Scott
(33) Name of priority country	:U.S.A.	2)GILLIES, Stephen D.
(86) International Application No	:PCT/EP04/014555	
Filing Date	:21/12/2004	
(87) International Publication No	:WO/2005/063820	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 26

(57) Abstract :

The invention relates to interleukin-7 (IL-7) fusion proteins, methods of their production and uses thereof. The fusion proteins comprise an immunoglobulin portion fused directly or indirectly to IL-7, which was modified at specific positions as compared to the wildtype IL-7 in order to improve biological and pharmaceutical properties. The proteins of the invention are particularly useful in treating disorders accompanied by immune deficiencies and particularly diseases which involve T-cell deficiencies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1581/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR THE REMOVAL OF EXCESS COATING MATERIAL FORM A HONEYCOMB BODY

(51) International classification :B05D 3/12
(31) Priority Document No :PCT/US04/005536
(32) Priority Date :24/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005536
Filing Date :24/02/2004
(87) International Publication No :WO 2005/084807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

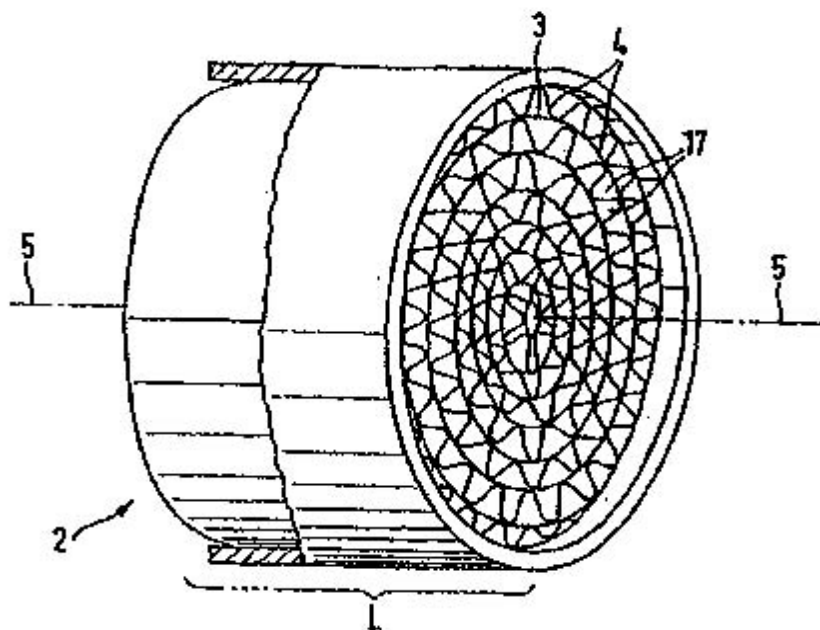
(71)Name of Applicant :
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(72)Name of Inventor :
1)BECKER, ROBERT
2)BRUCK, ROLF

No of Pages : 20

No of Claims : 30

(57) Abstract :

A method and apparatus for removing excess coating material from a honeycomb body of a catalytic converter. The coated honeycomb body is mounted on an eccentric tappet and is rotated around a first rotational axis with a first rotational frequency such that the distance from the center of gravity of the honeycomb body to the first rotational axis is at least 1.5 times the length of the honeycomb body. The honeycomb body is further rotated around a second rotational axis even out the coating material and provide a more uniform coating surface.



(54) Title of the invention : ADAPTER SYSTEM

(51) International classification :B60R11/02;
B60R11/00
(31) Priority Document No :10357799.8
(32) Priority Date :10/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/052878
Filing Date :09/11/2004
(87) International Publication No :WO/2005/056339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

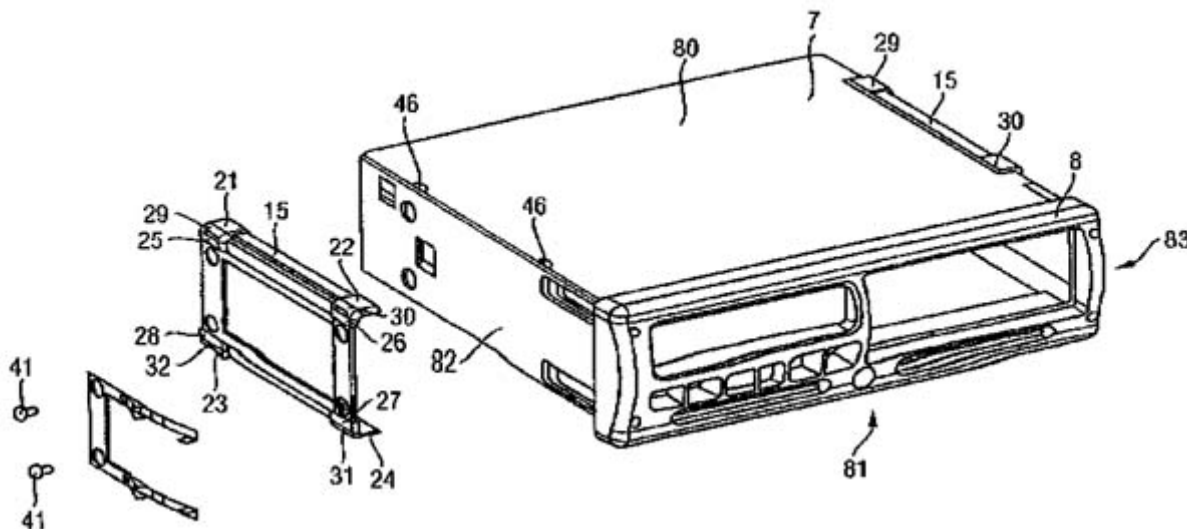
(71)Name of Applicant :
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(72)Name of Inventor :
1)KIRNER, HERBERT

No of Pages : 13

No of Claims : 14

(57) Abstract :

The invention relates to an adapter system for mounting a built-in device (7) in an installation space (1) in accordance with DIN ISO 7736 in order to compensate for vertical and horizontal play between the installation space (1) and the built-in device (7). Previously known solutions have the common disadvantage that the production and storage of the adapter system imply high costs, plays are not adequately compensated for, vibrations are insufficiently dampened and assembly is complicated. According to the invention, these disadvantages are solved in that the adapter system has at least two separate partial elements (15) which embrace the built-in device (7) on two opposite sides in an U-shaped manner. The invention advantageously solves the disadvantages encountered in prior art with respect to high costs and the high emergence of vibrations and simplifies assembly.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1583/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : PARTICLE-FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES

(51) International classification	:A61K 31/55	(71) Name of Applicant :
(31) Priority Document No	:10/718,077	1)CEPHALON, INC.
(32) Priority Date	:20/11/2003	Address of Applicant :145 BRANDYWINE PARKWAY, WEST
(33) Name of priority country	:U.S.A.	CHESTER, PA 19380 U.S.A.
(86) International Application No	:PCT/US2004/037928	(72) Name of Inventor :
Filing Date	:12/11/2004	1)DAVE DICKSON
(87) International Publication No	:WO 2005/051958	2)BRADLEY T. MCINTYRE
(61) Patent of Addition to Application Number	:NA	3)PIYUSH R. PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 68

No of Claims : 46

(57) Abstract :

A non-aqueous, particle-forming, fused pyrrolocarbazole-containing composition is disclosed. Upon contact with an aqueous medium, the particle-forming composition spontaneously disperses into suspended particles, thereby forming a stable suspension that provides greatly improved bioavailability of orally administered fused pyrrolocarbazole compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1584/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : DEVICE FOR CONVEYING MATERIAL ROLLS

(51) International classification	:B65H 19/12	(71) Name of Applicant :
(31) Priority Document No	:10200400877.7	1)KOENIG & BAUER AKTIENGESELLSCHAFT
(32) Priority Date	:23/02/2004	Address of Applicant :FRIEDRICH-KOENIG-STR.4, 97080
(33) Name of priority country	:Germany	WURZBURG Germany
(86) International Application No	:PCT/EP2005/050569	(72) Name of Inventor :
Filing Date	:09/02/2005	1)LEHRIDER, ERWIN, PAUL JOSEF
(87) International Publication No	:WO 2005/080241	2)OLBORT, JOSEF, HERBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 88

(57) Abstract :

The invention relates to a device for transporting reels of material, whereby the reels of material are disposed on a first transport carriage and said transport carriage is disposed on a second transport carriage. The second transport carriage travels between a store having a plurality of storage spaces and a reel changer of a web-processing machine. The second transport carriage, together with the first transport carriage and the reel of material deposited thereon, travels to an offload/unload position of the reel changer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : ANTIMICROBIAL CONTACT LENSES AND METHODS FOR THEIR PRODUCTION

(51) International classification	:A45C11/00
	:A61L12/08
(31) Priority Document No	:10/748,621
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043722
Filing Date	:28/12/2004
(87) International Publication No	:WO 2005/065731
(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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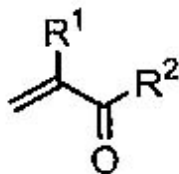
2)AZAAM ALLI

No of Pages : 42

No of Claims : 30

(57) Abstract :

This invention relates to antimicrobial lenses and methods for their production where the lenses contain silver and at least one legend monomer of Formula I, where R, Y, R, w and R are defined herein and the ratio of silver to is at least about 0.6.



(I)

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : DRILL COLUMN FOR DEEP WELLS

(51) International classification	:E21B 17/00,E21B17/02
(31) Priority Document No	:102004003479.6
(32) Priority Date	:22/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/014878
Filing Date	:31/12/2004
(87) International Publication No	:WO 2005/071211
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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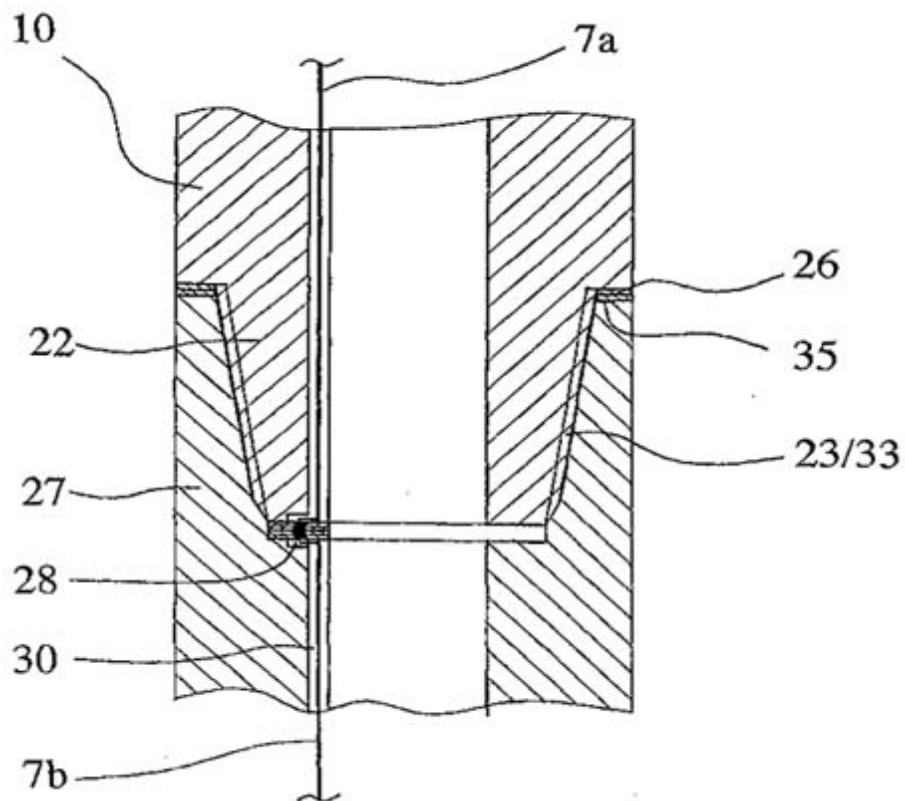
(72) **Name of Inventor :**
1)MAGDALENA ROTTHAUSER

No of Pages : 21

No of Claims : 28

(57) Abstract :

The invention relates to a drill stem (3) for deep drillings, comprising a plurality of drill pipes (10) having hollow drilling bodies (12) made of electrically conductive material and bushings (11) having bushing bodies (27) made of electrically conductive material. In order to obtain rapid and exact information from the drilling site, an electric pole is formed by the drill stem bodies consisting of the hollow drilling bodies (12) and the bushing bodies (27) and the other electric pole is formed by at least one conductor (7) which is electrically insulated with respect to the drill stem body and is arranged inside the drill stem body, thereby making it possible to transfer both energy and data.



(54) Title of the invention : ORBITAL WELDING DEVICE FOR PIPELINE CONSTRUCTION

(51) International classification :B23K26/10;
B23K26/14
(31) Priority Document No :60/528,189
(32) Priority Date :10/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/014089
Filing Date :10/12/2004
(87) International Publication No :WO/2005/056230
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

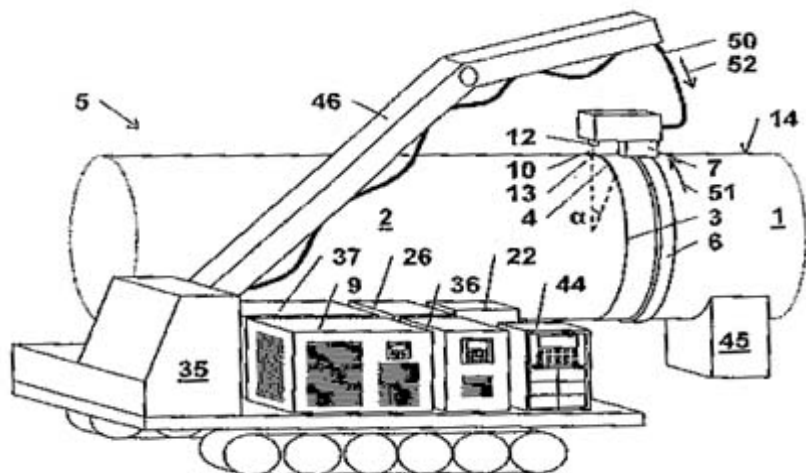
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HONNOVER Germany
(72)Name of Inventor :
1)VIETZ, EGINHARD, WERNER
2)VOLLERTSEN, FRANK,
3)KOHN, HARALD
4)THOMY, CLAUS,

No of Pages : 49

No of Claims : 18

(57) Abstract :

The invention relates to an orbital welding device for mobile use in order to join a first pipe end (1) and a second pipe end (2) along a circumferential joint (3) by means of at least one weld seam (4), particularly for producing a pipeline (5) to be placed on land. The inventive device comprises a guide ring (6), which can be oriented toward the first pipe end (1) and the circumferential joint (3), and an orbital carriage (7) that can be motor-displaced along the guide ring (6) via an advancing device (8). On the orbital carriage (7), a laser welding head (12) for directing a laser beam (10) into a laser welding zone (13) is mounted in a manner that enables it to be oriented toward the circumferential joint (3) whereby enabling the production of the weld seam (4) along the circumferential joint (3) by displacing the orbital carriage (7). The laser beam (10) is produced by a high-power fiber laser beam source (9) located, in particular, on a mobile transport vehicle (35) while being situated at a distance from the orbital carriage (7), is guided by light guide (11) passing through a tube bundle (50) to the orbital carriage (7) and then supplied to the welding head (12). A significant advantage of the invention resides in the fact that the joining of two pipe ends by means of only one single welding process during a short period of time is made possible in the field with autonomous operation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1588/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : HARQ PROTOCOL WITH SYNCHRONOUS RETRANSMISSIONS

(51) International classification :H04B 7/005,H04L 1/00
(31) Priority Document No :03029411.0
(32) Priority Date :12/12/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/014441
Filing Date :17/12/2004
(87) International Publication No :WO/2005/060145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

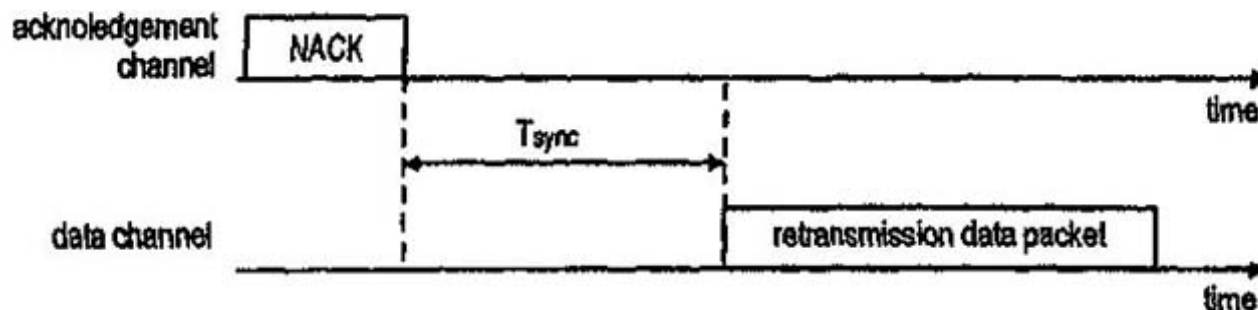
(71)**Name of Applicant :**
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2)SEIDEL EIKO
3)PETROVIC DRAGAN
4)SUZUKI HIDETOSHI

No of Pages : 41

No of Claims : 27

(57) Abstract :

The present invention relates to a hybrid automatic repeat request (HARQ) method for transmitting data packets from a transmitting entity to a receiving entity via a data channel. Further, the present invention is related to mobile stations, base stations, radio network controllers and communication systems performing in the HARQ method. To overcome problems resulting from asynchronous retransmissions, the present invention provides a HARQ method sending retransmissions synchronous. According to the method, a feedback message is received from the receiving entity at the transmitting entity and, in case the feedback message indicates that the data packet has not been received successfully, a retransmission data packet is transmitted to the receiving entity after a predetermined time span upon having received said feedback message. The receiving entity soft combines the retransmission data packet with the previously received data packet.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1589/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : NOGO-A NEUTRALISING IMMUNOGLOBULINS FOR TREATMENT OF NEUROLOGICAL DISEASES

(51) International classification	:C07K14/475,C07K16/18
(31) Priority Document No	:0329684.5
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005325
Filing Date	:20/12/2004
(87) International Publication No	:WO/2005/061544
(61) Patent of Addition 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)GRUNDY ROBERT IAN

4)HUSSAIN FARHANA

5)MCADAM RUTH

6)PLUMPTON CHRISTOPHER

7)PRINJHA RABINDER KUMAR

8)WILSON PAUL ALEXANDER

No of Pages : 178

No of Claims : 33

(57) Abstract :

The present invention relates to antibodies to NOGO, pharmaceutical formulations containing them and to the use of such antibodies in the treatment and/or prophylaxis of neurological diseases/disorders.

(54) Title of the invention : BOTTLE

(51) International classification :B65D 51/28
 (31) Priority Document No :10-2003-0085594
 (32) Priority Date :28/11/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/003100
 Filing Date :27/11/2004
 (87) International Publication No :WO 2005/051775
 (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)CHO, YOUNG-KOOK

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(72)Name of Inventor :

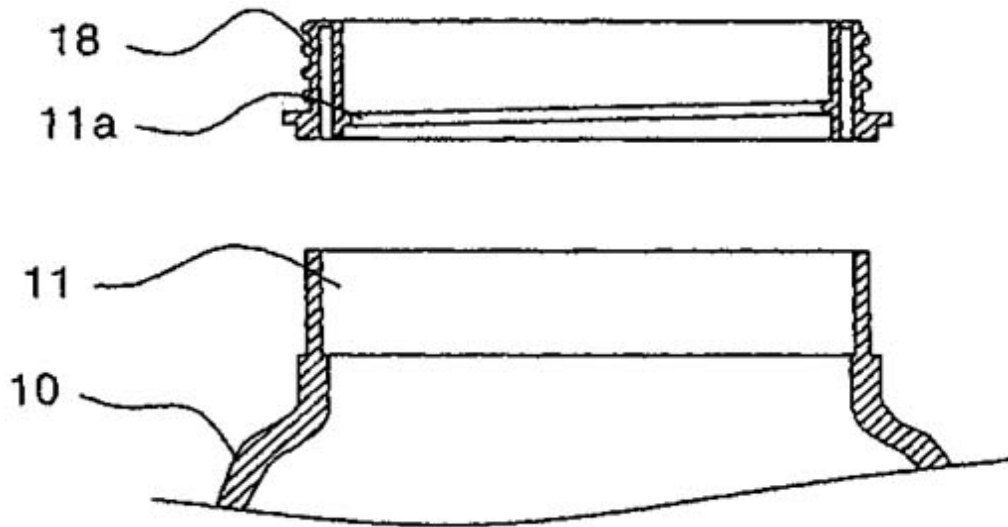
1)CHO, YOUNG-KOOK

No of Pages : 181

No of Claims : 77

(57) Abstract :

The present invention relates to a bottle, which contains two kinds of materials separately in two spaces in a bottle body and communicates the separated spaces with each other as necessary so that the two materials can be mixed together. This bottle has a bottle body having a mouth; an additive storage container including an insertion part inserted into the mouth, an exposed part exposed outside the mouth and an additive storage space defined therein; an opening unit tightened to the mouth; and separation means for separating the additive storage container from the bottle body. The bottle saves resources and prevents deterioration in the properties in the material and additive. A user can mix the material and additive at a precise ratio, thus preventing their chemical and physical properties from deteriorating. The additive storage container can be completely removed from the bottle body.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1591/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : METHOD FOR PRODUCING CHLOROSULFONYL ISOCYANATE

(51) International classification	:C07C 303/06
(31) Priority Document No	:2003-417611
(32) Priority Date	:16/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/019132
Filing Date	:15/12/2004
(87) International Publication No	:WO 2005/058806
(61) Patent of Addition 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)SUGAWARA, MUTSUMI

2)IMAGAWA, TSUTOMU

3)MASUI, FUMITAKA

No of Pages : 10

No of Claims : 2

(57) Abstract :

A method for producing chlorosulfonyl isocyanate wherein chlorocyanogen is reacted with sulfur trioxide to form chlorosulfonyl isocyanate, characterized in that chlorosulfonyl isocyanate or a fluid containing chlorosulfonyl isocyanate is used as a solvent for the reaction, and approximately equimolar amounts of sulfur trioxide and chlorocyanogen, which are respectively diluted with chlorosulfonyl isocyanate or a fluid containing chlorosulfonyl isocyanate, are simultaneously fed under reflux to a reaction system. The above method can be employed for producing chlorosulfonyl isocyanate having a high purity from sulfur trioxide and chlorocyanogen, in a high yield, with good operability, while achieving savings in the equipment and in the effort for temperature control.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : BIARYL SULFONAMIDES AND METHODS FOR USING SAME

(51) International classification :C07D 215/22
(31) Priority Document No :60/526,883
(32) Priority Date :04/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/041173
Filing Date :22/12/2003
(87) International Publication No :WO 2005/061459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAM, STEVE, YIK-KAI

3)HU, YONGHAN

4)SUM, PHAIK-ENG

5)HOW, DAVID, BRIAN

6)HOPPER, DARRIN, WILLIAM

7)VERA, MATTHEW, DOUGLAS

8)SABATINI, JOSHUA, JAMES

9)RUSH, THOMAS, SALTMARSH, III

10)MORRIS, ELISABETH, ANN

11)GEORGIADIS, KATY, EVANGELIA

No of Pages : 106

No of Claims : 20

(57) Abstract :

The present invention relates to biaryl sulfonamides of the formula 1: wherein: R is H or Cl-C₆ alkyl; R is H, C₁-C₆ alkyl, (CH₂)_nR, phenyl, or benzyl; n is 0-6; R is aryl, heteroaryl, cycloalkyl, or heterocycloalkyl; R is, independently with respect to each occurrence, H, halogen, OC(halogen)₃, C(halogen)₃, alkoxy, or C₁-C₆ alkyl; X is selected from CH₂O, OCH₂, C(R)=(R)₂-C(R)₂, CH₂NHC(=O), O(C=O)NH, O, C(=O)CH₂, SO₂CH₂C(=O)NH, SO₂NH, OC(=O), CH₂S(O), and CH₂S(O)₂; and Z is at least one aryl or heteroaryl moiety, and their use as for example metalloproteinase inhibitors.

(54) Title of the invention : APPARATUS AND METHOD FOR THE PRODUCTION OF ENERGY

(51) International classification :F23M 5/08
 (31) Priority Document No :10/738,422
 (32) Priority Date :16/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042193
 Filing Date :16/12/2004
 (87) International Publication No :WO/2005/093222
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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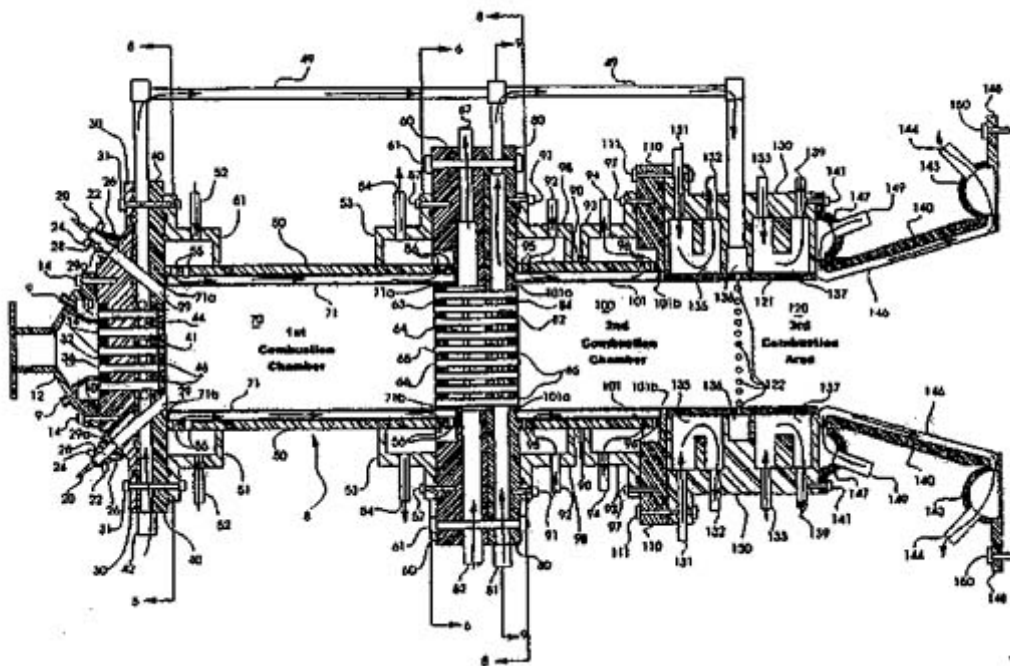
1)PRENTICE, JAMES A, III

No of Pages : 169

No of Claims : 36

(57) Abstract :

Apparatus and processes are provided for combusting hydrocarbon containing waste fuel with an oxidizer, preferably liquid oxygen, and producing a substantially clean exhaust gas and a separate high purity steam product (e.g., superheated steam) that can be used to generate electrical power. The apparatus includes a plurality of combustion chambers in series with means to control the combustion temperature while facilitating complete combustion. The apparatus and method are useful for transforming waste materials, particularly solid and liquid wastes, such as the rubber from scrap tires into non-hazardous materials and energy.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1594/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUBSTITUTED INDAZOLES-O-GLUCOSIDES

(51) International classification :A61K 31/7052
(31) Priority Document No:60/491,523;60/491,534;60/519,210;60/579,730
(32) Priority Date :01/08/2003;01/08/2003;12/11/2003;15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/024625
Filing Date :30/07/2004
(87) International Publication No :WO 2005/012318
(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)PHILIP RYBCZYNSKI
2)MAUD URBANSKI
3)XIAOYAN ZHANG

No of Pages : 64

No of Claims : 56

(57) Abstract :

This invention relates to substituted fused heterocyclic C-glycosides, compositions containing them, and methods of using them, for example, for the treatment or prophylaxis of diabetes and Syndrome X.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1595/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUBSTITUTED INDAZOLES-O-GLUCOSIDES

(51) International classification :A61K 31/416
(31) Priority Document No :60/491,523; 60/491,534;60/519,209; 60/579,792
(32) Priority Date :01/08/2003;01/08/2003;12/11/2003;15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/024625
Filing Date :30/07/2004
(87) International Publication No :WO/2005/012242
(61) Patent of Addition 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)MAUD URBANSKI

No of Pages : 75

No of Claims : 54

(57) Abstract :

This invention relates to substituted benzimidazole-O-glucosides, benzotriazole-O-glucosides, and benzimidazolone-O-glucosides, compositions containing them, and methods of using them, for example, for the treatment or prophylaxis of diabetes and Syndrome X.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1596/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUBSTITUTED INDAZOLES-O-GLUCOSIDES

(51) International classification :A61K 31/416
(31) Priority Document No :60/491,523; 60/491,534;60/519,381; 60/579,722
(32) Priority Date :01/08/2003;01/08/2003;12/11/2003;15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/024626
Filing Date :29/07/2004
(87) International Publication No :WO/2005/011592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PHILIP RYBCZYNSKI
3)MAUD URBANSKI
4)XIAOYAN ZHANG

No of Pages : 89

No of Claims : 51

(57) Abstract :

Substituted indazole-O-glucosides, compositions containing them, and methods of using them, for example for the treatment of diabetes and Syndrome X are disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1597/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 04/05/2007

(54) Title of the invention : SUBSTITUTED INDAZOLES-O-GLUCOSIDES

(51) International classification :A61K 31/416
(31) Priority Document No :60/491,523; 60/491,534;60/519,155; 60/579,758
(32) Priority Date :01/08/2003;01/08/2003;12/11/2003;15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/024674
Filing Date :30/07/2004
(87) International Publication No :WO/2005/012243
(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)MAUD URBANSKI
5)XIAOYAN ZHANG

No of Pages : 108

No of Claims : 52

(57) Abstract :

Substituted indole-O-glucosides, compositions containing them and methods of using them, for example for the treatment of diabetes and Syndrome X are disclosed-

(54) Title of the invention : A GAUGE FOR USE IN A SURGICAL PROCEDURE

(51) International classification :A61B19/00
 (31) Priority Document No :2003906238
 (32) Priority Date :12/11/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001568
 Filing Date :12/11/2004
 (87) International Publication No :WO/2005/046475
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

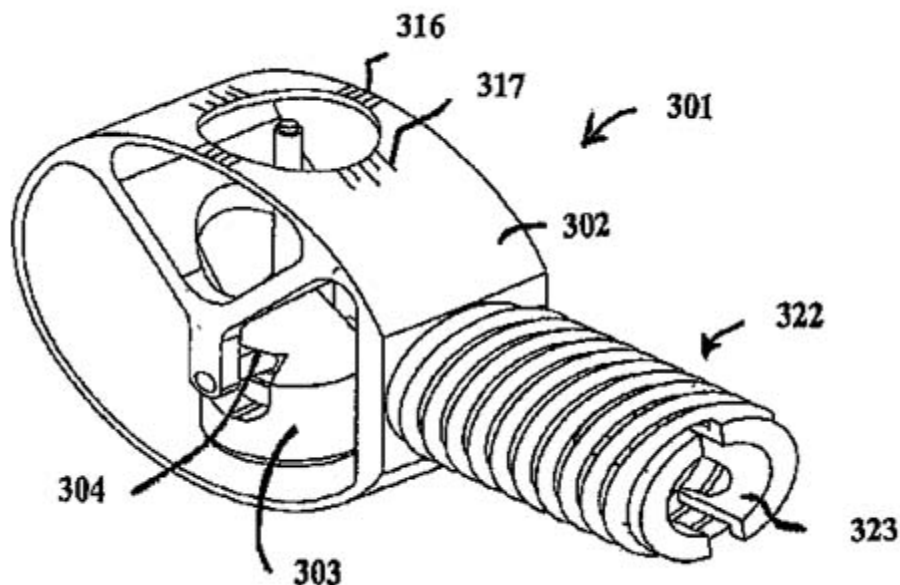
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2)EGAN, Michael
3)LYE, Bob

No of Pages : 53

No of Claims : 15

(57) Abstract :

As shown in figure (23), for example, a preferred embodiment of the gauge (301) includes a body (302) with a plumb bob (303) mounted to the body (302). The plumb bob (303) hangs from the body (302) under the influence of a local gravitational field. More particularly, the plumb bob (303) is rotatable relative to the body (302) in both a first plane and a second plane, said planes being orthogonal to each other. In use, a connector (322) allows the gauge (301) to be connected to various surgical implements. The position of the indicator needle (315) on the plumb bob (303) is noted with reference to two sets of markings (316 and 317) on the body (302) to allow a surgeon to determine a first angle in a first plane and a second angle in a second plane. In one exemplary application of the invention, the first and second angles are anatomical angles associated with the surgical insertion of prosthetic components.



(54) Title of the invention : APPARATUS AND METHOD FOR HOLDING A CRYOGENIC FLUID AND REMOVING SAME THEREFROM WITH REDUCED HEAT LEAK

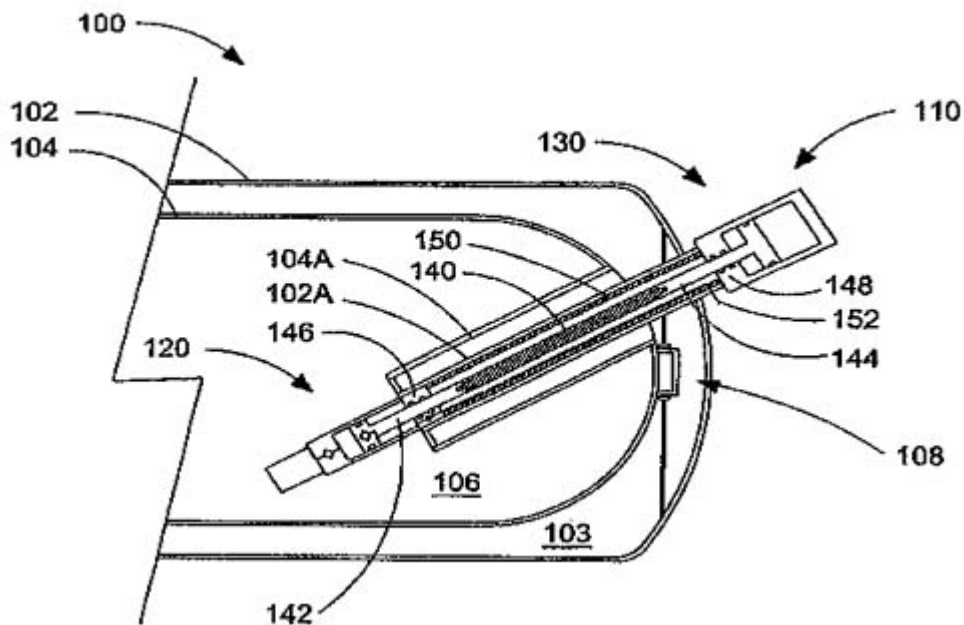
(51) International classification	:F17C 3/08,F17C 9/02	(71)Name of Applicant :	1)WESTPORT RESEARCH INC.
(31) Priority Document No	:2,454,458		Address of Applicant :2ND FLOOR, 1700 WEST 75TH AVENUE,
(32) Priority Date	:24/12/2003		VANCOUVER, BRITISH COLUMBIA, V6P 6G2 Canada
(33) Name of priority country	:Canada	(72)Name of Inventor :	
(86) International Application No	:PCT/CA2004/002166	1)BROOK, THOMAS, C.	
Filing Date	:20/12/2004	2)HARPER, GREGORY,C.	
(87) International Publication No	:WO 2005/061952	3)LEBLANC, VALERIE, NADIA	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 23

No of Claims : 35

(57) Abstract :

The apparatus comprises a double walled vacuum insulated vessel defining a cryogen space for holding a cryogenic fluid, a pump assembly comprising a pump with a suction inlet disposed within the cryogen space, and at least one elongated member extending from the pump to a drive unit disposed outside the cryogen space. The elongated member comprises an elongated non-metallic section that has a thermal conductivity that is less than that of a structurally equivalent elongated stainless steel member of the same length. In preferred embodiments, the elongated member can be one or both of a drive shaft or a rigid structural member for supporting the pump and holding it in a fixed relationship to the drive unit. The method employs the apparatus to increase hold times for holding cryogenic fluids by reducing heat leak into the cryogen space.



(54) Title of the invention : NEUTROPHILIA INHIBITOR

(51) International classification :A61K 31/501
 (31) Priority Document No :2003-433747
 (32) Priority Date :26/12/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/019199
 Filing Date :22/12/2004
 (87) International Publication No :WO/2005/063250
 (61) Patent of Addition 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 :

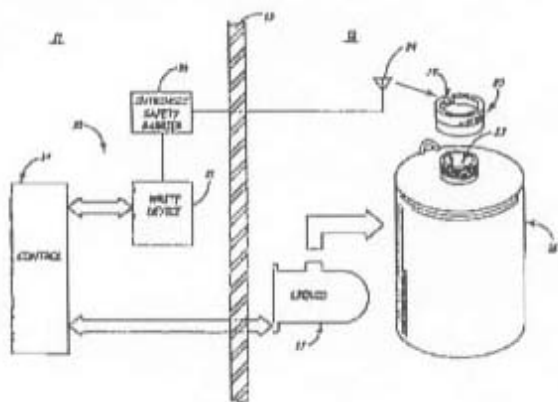
1)IWAMA, TAKEHISA**2)TSURUZONE, NOBUTOMO**

No of Pages : 19

No of Claims : 5

(57) Abstract :

A neutrophilia inhibitor effective in treatments for the incidence or progress of acute infectious diseases, collagen disease, chronic obstructive pulmonary disease (COPD), chronic bronchitis, pulmonary emphysema, small airway diseases, gout, Cushing syndrome, myelofibrosis, tumorous neutrophilia, polycythemia vera, and pathological states observed in, e.g., steroid agent administration. The neutrophilia inhibitor contains a 3(2H)-pyridazinone compound represented by the formula (I) or a pharmacologically acceptable salt thereof. [In the formula, R, R, and R each independently represents hydrogen or C1-6 alkyl; X represents halogeno, cyano, or hydrogen; Y represents halogeno, trifluoromethyl, or hydrogen; and A represents optionally hydroxylated C1-8 alkylene.]



PUBLICATION U/R 86(2) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that applications for restoration of under mentioned Patents have been allowed and said Patents are restored.

PATENT NOS.	DATE OF PATENT	NAME OF APPLICANT	DATE OF PUBLICATION IN PATENT OFFICE OFFICIAL JOURNAL	APPROPRIATE OFFICE
184953	27/06/1989	THE PROCTER & GAMBLE COMPANY	24/11/2006	DELHI
186806	01/05/1991	THE PROCTER & GAMBLE COMPANY	24/11/2006	DELHI
187012	07/08/1989	MANUFACTURING AND TECHNOLOGY	24/11/2006	DELHI
187238	17/06/1996	ASTRA AB	24/11/2006	DELHI
187317	10/06/1997	PFIZER RESEARCH & DEVELOPMENT COMPANY	24/11/2006	DELHI
187318	10/06/1997	PFIZER RESEARCH & DEVELOPMENT COMPANY	01/12/2006	DELHI
187319	10/06/1997	PFIZER RESEARCH & DEVELOPMENT COMPANY	24/11/2006	DELHI
187320	10/06/1997	PFIZER RESEARCH & DEVELOPMENT COMPANY	24/11/2006	DELHI

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 Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	206575	00054/KOLN P/2003	15/01/2003	24/07/2000	"A MOTORIZED DEVICE FOR ADJUSTING THE INTERELECTRODIC GAP IN MERCURY CATHODE ELECTROLYSIS CELL"	DE NORA ELETTRODI S.P.A	2/12/2005	KOLKATA
2	206576	00829/KOLN P/2004	16/06/2004	10/12/2001	ABRASIVE PRECIPITATED SILICA, DENTIFRICE COMPRISING IT AND METHOD OF PREPARATION OF SUCH DENTIFRICE.	J.M. HUBER CORPORATION	10/3/2006	KOLKATA
3	206577	00955/KOLN P/2003	28/07/2003	23/02/2001	A SCREENING MACHINE AND METHOD	QUALITY RESEARCH, DEVELOPMENT & CONSULTING INC.	13/01/2006	KOLKATA
4	206578	01036/KOLN P/2003	13/08/2003	14/02/2001	REINFORCING BAR COUPLING.	KIM YONG-KEUN	10/2/2006	KOLKATA
5	206579	01303/KOLN P/2003	13/10/2003	15/02/2002	BASE STATION APPARATUS AND DATA PACKET TRANSMISSION METHOD.	MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.	4/11/2005	KOLKATA

6	206580	01747/KOLNP/2004	18/11/2004	21/05/2002	POWDER COMPACTION AND ENROBING	BIOPROGRESS TECHNOLOGY INTERNATIONAL, INC.	30/12/2005	KOLKATA
7	206581	207/KOLNP/2003	18/02/2003	1/9/2000	APPARATUS FOR GENERATING ELECTROMAGNETIC FIELD IN WATER	Q-TECH LABORATORIES PTY LTD.	3/2/2006	KOLKATA
8	206582	569/CAL/1997	31/03/1997	4/4/1996	"A METHOD AND AN APPARATUS FOR MANUFACTURING AN EXTRUDABLE PLASTIC PRODUCT, AND A PLASTIC PRODUCT OBTAINED THEREBY"	UPONOR INNOVATION AB,	2/12/2005	KOLKATA
9	206583	IN/PCT/2000/00211/KOL	11/8/2000	12/1/1998	"A ROLLING CONTACT CONTINUOUSLY VARIABLE DRIVE TRANSMISSION DEVICE"	ORBITAL TRACTION LTD	10/2/2006	KOLKATA
10	206584	IN/PCT/2000/00363/KOL	27/09/2000	2/3/1998	METAL-ENCAPSULATED, GAS-INSULATED SWITCHGEAR ASSEMBLIES WITH GAS-FILLED CONTAINERS.	SIEMENS AKTIENGESELLSCHAFT	10/2/2006	KOLKATA
11	206585	IN/PCT/2000/00555/KOL	24/11/2000	8/5/1998	CARD LOCK	ASSA AB	31/03/2006	KOLKATA

12	206588	IN/PCT/2001/ 00094/KOL	23/01/20 01	25/06/19 98	A SEALING GASKET FOR USE IN A EXCHANGER ARRANGEMENT	SEIDEL, PESSACH	21/04/2006	KOLKATA
13	206590	IN/PCT/2001/ 00593/KOL	6/6/2001	3/12/199 8	VITAMIN COMPATIBLE MICRONUTRIENT SUPPLEMENT	HERITAGE TECHNOLO GIES LLC	11/3/2005	KOLKATA
14	206592	IN/PCT/2001/ 00616/KOL	11/6/200 1	31/12/19 98	AN EVENT MANAGEMENT SYSTEM.	COMPUTER ASSOCIATE S THINK INC.	3/2/2006	KOLKATA
15	206593	IN/PCT/2001/ 00832/KOL	16/08/20 01	18/01/19 99	WRITING INSTRUMENT	MERZ & KRELL GMBH & CO. KGaA,	3/2/2006	KOLKATA
16	206594	IN/PCT/2001/ 00792/KOL	3/6/2001	11/1/199 9	((AMINOIMINOMETHYL) AMINO) ALKANECARBOXAMID ES AND THEIR APPLICATIONS IN THERAPY	MERCK PATENT GMBH	10/3/2006	KOLKATA
17	206595	IN/PCT/2001/ 00859/KOL	22/08/20 01	4/3/1999	"A PROCESS FOR THE PRODUCTION OF VINYL ACETATE"	CELANESE INTERNATIO NAL CORPORATI ON	3/2/2006	KOLKATA
18	206596	IN/PCT/2001/ 00942/KOL	11/9/200 1	26/03/19 99	"SYSTEM AND METHOD FOR EXTRACTING INDEX KEY FIELDS."	COMPUTER ASSOCIATE S THINK. INC	3/2/2006	KOLKATA
19	206598	IN/PCT/2001/ 01124/KOL	29/10/20 01	28/04/19 99	"VEHICLE DRIVING SIMULATOR"	I-SIM LLC.	17/02/2006	KOLKATA

20	206599	IN/PCT/2001/ 01231/KOL	23/11/20 01	25/06/19 99	METHOD FOR COMMUNICATING IN ELECTROMAGNETIC FIELD FOR WIRELESS NETWORKS.	COCOMO MB COMMUNIC ATION ,INC	3/2/2006	KOLKATA
21	206600	IN/PCT/2001/ 01260/KOL	28/11/20 01	6/5/1999	"SORTING AND SEPARATING METHOD AND SYSTEM FOR RECYCLING PLASTICS"	GRAF VON DEYM CARL- LUDWIG,FRI TZ MICHAEL STREUBER	10/2/2006	KOLKATA
22	206601	IN/PCT/2001/ 01284/KOL	5/12/200 1	28/06/19 99	"BENZIMIDAZOLE DERIVATIVES OF FORMULA I AND THE PROCESS OF PREPARATION THEREOF"	SANKYO COMPANY LIMITED	11/3/2005	KOLKATA
23	206602	IN/PCT/2001/ 01293/KOL	7/12/200 1	10/6/199 9	"A METHOD OF TREATING OF PULP AND A SYSTEM THEREOF"	VALMET FIBERTECH AB	10/2/2006	KOLKATA
24	206603	IN/PCT/2002/ 00190/KOL	6/2/2002	20/07/19 99	METHOD AND SYSTEM FOR ORGANIZING DATA IN A DATABASE SYSTEM	PRIMENTIA, INC.,	10/2/2006	KOLKATA
25	206604	IN/PCT/2002/ 00252/KOL	20/02/20 02	20/06/20 00	AEROSOL COMPOSITION CONTAINING SILICONE-BASED FLUID AND IMPROVED SPRAY SYSTEM	STONER INC .,	23/09/2005	KOLKATA

26	206605	IN/PCT/2002/ 00334/KOL	11/3/200 2	18/08/19 99	HEAT TRANSFER ELEMENT ASSEMBLY FOR A HEAT EXCHANGER	ALSTOM POWER INC	17/02/2006	KOLKATA
27	206606	IN/PCT/2002/ 00434/KOL	4/4/2002	6/10/199 9	A METHOD FOR ENABLING AN AUDIO/VIDEO PROCESSING DEVICE TO PERMIT A SECURITY DEVICE AN ACCESS TO A SERVICE	THOMSON LICENSING S.A.	3/2/2006	KOLKATA
28	206607	IN/PCT/2002/ 00472/KOL	12/4/200 2	14/10/19 99	"BRUSH PARTICULAR TOOTH BRUSH"	CORONET- WERKE GMBH	17/02/2006	KOLKATA
29	206608	IN/PCT/2002/ 00564/KOL	29/04/20 02	11/11/19 99	"METHOD AND APPARATUS FOR PARTICLE AGGLOMERATION"	INDIGO TECHNOLO GIES GROUP PTY.LTD	27/01/2006	KOLKATA
30	206609	IN/PCT/2002/ 00578/KOL	1/5/2002	1/8/2000	"COTTON FIBER- SPECIFIC PROMOTER"	TEMASEK LIFE SCIENCES LABORATO RY LIMITED	11/3/2005	KOLKATA
31	206610	IN/PCT/2002/ 00824/KOL	19/06/20 02	23/12/19 99	"AN IMPROVED TEAT CUP ASSEMBLY"	MILBRATH CONSTANC E JEAN.,,LAR SON REED ALLEN	3/3/2006	KOLKATA
32	206611	IN/PCT/2002/ 00864/KOL	26/06/20 02	28/01/20 00	METHOD FOR DECHROMING AND/OR DENICKELFYING LIQUID SLAGS.	HOLCIM LTD	26/08/2005	KOLKATA
33	206612	IN/PCT/2002/ 00889/KOL	3/7/2002	6/1/2000	PRESSURE RELIEF APPARATUS	BS & B SAFETY SYSTEMS INC.	3/3/2006	KOLKATA

34	206613	IN/PCT/2002/ 00940/KOL	18/07/20 02	19/01/20 00	NON-INVASIVE IN- VIVO TISSUE CLASSIFICATION USING NEAR- INFRARED MEASUREMENTS	SENSYS MEDICAL INC	3/2/2006	KOLKATA
35	206614	IN/PCT/2002/ 00945/KOL	19/07/20 02	19/01/20 00	"A GAS AND STEAM TURBINE UNIT"	SIEMENS AKTIENGES ELLSCHAFT	27/01/2006	KOLKATA
36	206615	IN/PCT/2002/ 00970/KOL	26/07/20 02	18/02/20 00	"EVACUTAED JACKET FOR THERMAL INSULATION AND PROCESS FOR MANUFACTURING THE SAME"	SAES GETTERS S.P.A	3/2/2006	KOLKATA
37	206616	IN/PCT/2002/ 01022/KOL	8/8/2002	11/2/200 0	"PARALLEL SPINING PROCESS FOR PRODUCING FILAMENTS AND THREADS FROM POLYMER MELTS"	ZIMMER AKTIENGES ELLSCHAFT	17/02/2006	KOLKATA
38	206617	IN/PCT/2002/ 01048/KOL	14/08/20 02	17/01/20 00	"VARIABLE DROPLET IRRIGATOR"	"CORBELLI NI PIERFRANC O"	17/02/2006	KOLKATA
39	206618	IN/PCT/2002/ 01120/KOL	2/9/2002	10/3/200 0	"ACTUATING DRIVE PIVOTING BEARING FOR A VARIABLE- PITCH ROTOR BLADE ON THE ROTOR HUB OF A WIND ENERGY SYSTEM"	WOBGEN ALOYS	25/11/2005	KOLKATA
40	206619	IN/PCT/2002/ 01189/KOL	20/09/20 02	22/03/20 00	"A METHOAD OF MAKING AN OPHTHALMIC LENS AND OPHTHALMIC LENS PER SE".	JOHNSON & JOHNSON VISION CARE	11/3/2005	KOLKATA

41	206620	IN/PCT/2002/ 01362/KOL	1/11/200 2	20/06/20 00	A SYSTEM AND A SYSTEM FOR TREATING OF ONE OF CANCEROUS, PRE- CANCEROUS, PRE- BENIGN AND BENIGN CONDITIONS OF A PROSTATE BY IRRADIATION OF THE PROSTATE WITH CONCENTRATED ENERGY.	CELSION CORPORATI ON	3/2/2006	KOLKATA
42	206621	IN/PCT/2002/ 01499/KOL	5/12/200 2	6/6/2000	"LAMP LIGHTING AND BATTERY CHARGING SYSTEM"	MITSUBA CORPORATI ON	27/01/2006	KOLKATA
43	206622	IN/PCT/2002/ 01518/KOL	11/12/20 02	5/7/2000	A DEVICE AND METHOD FOR CUTTING STRANDS FORMED OF THERMOPLASTIC FILAMENTS	SAINT- GOBAIN VETROTEX FRANCE S.A.,	11/3/2005	KOLKATA
44	206623	IN/PCT/2002/ 01553/KOL	19/12/20 02	29/06/20 00	"MULTIVALENT VACCINE COMPOSITION."	GLAXOSMIT HKLINE BIOLOGICA LS S.A.,	11/3/2005	KOLKATA
45	206624	IN/PCT/2002/ 0570/KOL	30/04/20 02	5/11/199 9	A TRANSPARENT SUBSTRATE	SAINT- GOBAIN GLASS FRANCE	30/12/2005	KOLKATA
46	206625	IN/PCT/2002/ 244/KOL	19/02/20 02	20/08/19 99	AN AQUATIC STRUCTURE AND A METHOD OF CONSTRUCTING AN AQUACULTURE STRUCTURE	MARINE ENVIRONME NTAL SOLUTIONS L.L.C	30/12/2005	KOLKATA

47	206626	00004/KOLN P/2004	1/1/2004	20/07/20 01	A METHOD AND APPARATUS FOR ADJUSTING A QUANTITY OF FUEL DELIVERED TO AN ENGINE WHEN ATLEAST ONE OF ENGINE SPEED AND ENGINE LOAD TRANSITIONS.	OPTIMUM POWER TECHNOLO GY, L.P.	30/06/2006	KOLKATA
48	206627	01170/KOLN P/2003	12/9/200 3	30/03/20 01	PUMP DRIVE SYSTEM.	EATON CORPORATI ON,	27/01/2006	KOLKATA
49	206628	IN/PCT/2001/ 00459/KOL	24/04/20 01	27/10/19 98	'PROCESS AND UNIT FOR PRODUCTION OF PET PELLTS'	UHDE GMBH	3/2/2006	KOLKATA
50	206630	IN/PCT/2001/ 00708/KOL	6/7/2001	10/12/19 98	"METHOD AND DEVICE FOR THE WATERPROOFING OF JOINTS AND CRACKS IN HYDRAULIC WORKS, CONCRETE AND MASONARY STRUCTURES"	CARPI TECH ITALIA S.R.L	10/2/2006	KOLKATA
51	206631	IN/PCT/2002/ 00810/KOL	18/06/20 02	16/12/19 99	"CERAMIC CASTING APPARATUS AND METHOD"	PORVAIR PLC	4/11/2005	KOLKATA