पेटेंट कार्यालय
का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन

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

25TH MAY, 2007

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PATENT KOLKATA, 25/05/2007
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3. The Patent Office,
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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.

पेटेंट कार्यालय
एकस्व
कोलकाता, दिनांक 25/05/2007
कार्यालयों के क्षेत्राधिकार के पते

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3. पेटेंट कार्यालय दिल्ली,
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फोा: (011) 2808 1922, 2808 1923,
2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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इंडस्ट्रियल इस्टेट
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➢ भारत का अवशेष क्षेत्र

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

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

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

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(V. RAVI)

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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**.

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2006

(21) Application No.1006/MUM/2006 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : MOUTH PIECE ADAPTER FOR INHALER

(51) International classification :A61M16/00
(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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No of Pages : 13

No of Claims : 2

(57) Abstract :
The invention relates to a mouthpiece adaptor for inhaler comprises of an adapter upon which a canister is fitted; a nozzle is the opening of the said adapter, which outlets in a passage; a horizontal restricting wall which is circular, adjoins the said adapter from at the center and to walls of the mouthpiece at the periphery covers the whole area except the opening of the said adapter; a groval shaped restricting wall which adjoins the said nozzle at the center and walls of the passage at the periphery.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2007
(21) Application No.166/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR DRAWING AN OPTICAL FIBER HAVING REDUCED AND LOW ATTENUATION LOSS, AND OPTICAL FIBER PRODUCED THEREFROM

(51) International classification	:G02B6/036, G02B6/02
(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

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(72)**Name of Inventor :**
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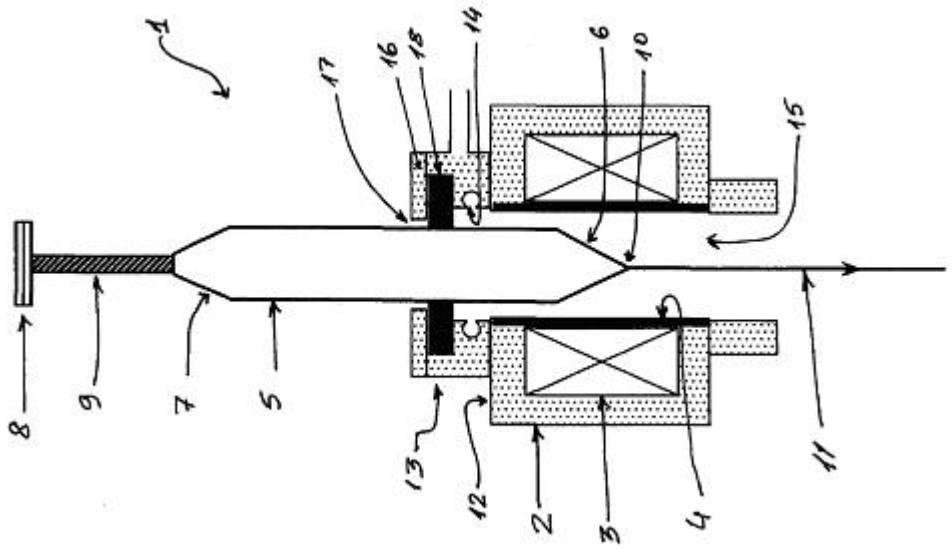
2)Saravanan GURU
3)Anant Arjun PAWALE

No of Pages : 39
No of Claims : 15

(57) Abstract :
An apparatus and method for drawing an optical fiber having reduced and low attenuation loss, and good strength are provided. The apparatus comprises a furnace comprising a furnace chamber provided with heating means having heating elements, wherein a preform is suitably suspended in core tube of the furnace so that its tip can be suitably heated to a temperature suitable for drawing a fiber, the top face of furnace chamber is provided with a diffuser having an orifice for pumping inert gas into core tube of furnace chamber so as to maintain positive pressure inside the core tube; an opening suitable for insertion of performs; a felt capable of sealing a gap between said preform and said diffuser so as to avoid entry of atmospheric gases in core tube of furnace chamber and allowing preform with variations in its diameter to enter core tube of furnace chamber; a diffuser plate on its top surface with aims for covering said felt top and minimizing its contact with the atmospheric gases; characterized in that top end of preform is provided with a tubular member which is an opaque glass tube non-permeable to infrared [IR] radiations generated during heating of preform inside the core tube of furnace chamber and capable of stopping passing of IR radiations therethrough to said felt to avoid local elevation of temperature at joint between handle and optical fiber preform so as to avoid burning of felt provided at diffuser, and hence to avoid formation of gap between said felt and said tube, and creation of cavity in top part of said core tube of said furnace chamber.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2007

(21) Application No.363/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS OF MANUFACTIRING NANOCOMPOSITE MATERIAL

(51) International classification :B82B3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NIL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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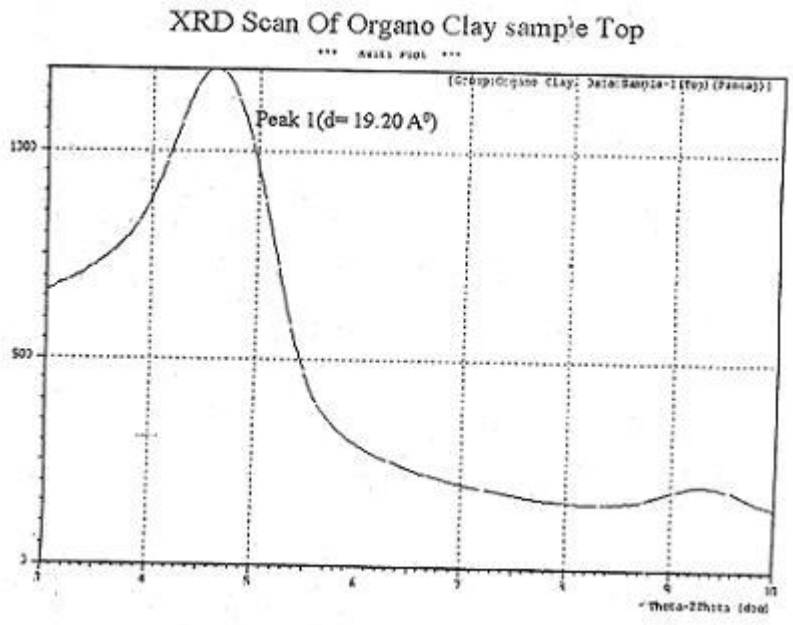
No of Pages : 14
No of Claims : 11

(57) Abstract :
This invention relates to polymer clay-nanocomposite comprising a layered silicate clay material swelled with organic cations and polymer matrix. The process of the present invention consists of contacting the layered clay mineral with a swelling in presence of a dispersion medium thereby forming a complex called organoclay, mixing said organoclay with a monomer and polymerizing said monomer contained in said mixture.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2006
(21) Application No.394/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ZOLPIDEM HEMITARTRATE

(51) International classification :A61K31/44,C07D471/02
(31) Priority Document No :60/199,298
(32) Priority Date :24/04/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/13175
Filing Date :24/04/2001
(87) International Publication No :WO/2001/080857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/01438/MUM
Filed on :17/10/2002

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6)SHLOMO ZAVUROV

No of Pages : 68
No of Claims : 123

(57) Abstract :
The present invention provides for novel polymorphs of zolpidem hemitartrate and the preparation of the polymorphs.

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

(21) Application No.399/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PHYTO COMPOSITION FOR TREATMENT OF SNORING

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 8

(57) Abstract :
The present invention discloses phyto composition for treatment of snoring comprises extract of various herbs 0.02- 0.1% w/w, clarified butter (ghee), Castor oil (Ricinus communis) 10.0 -15 .0% w/w, Camphor 0.2 - 0.5 % w/w, Eucalyptus oil (Eucalyptus globules) 0.2- 0.5% w/w and sesame oil (Sesamum indicum) quantity sufficient. The said invention is safest, having long lasting effect, non habit forming, no side effects even if used regularly for prolonged period, safe for children and mucous membrane drying is not occur even after prolonged use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2007
(21) Application No.421/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AUTO BASTI (ENEMA) APPARATUS

(51) International classification :A61M3/02
(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

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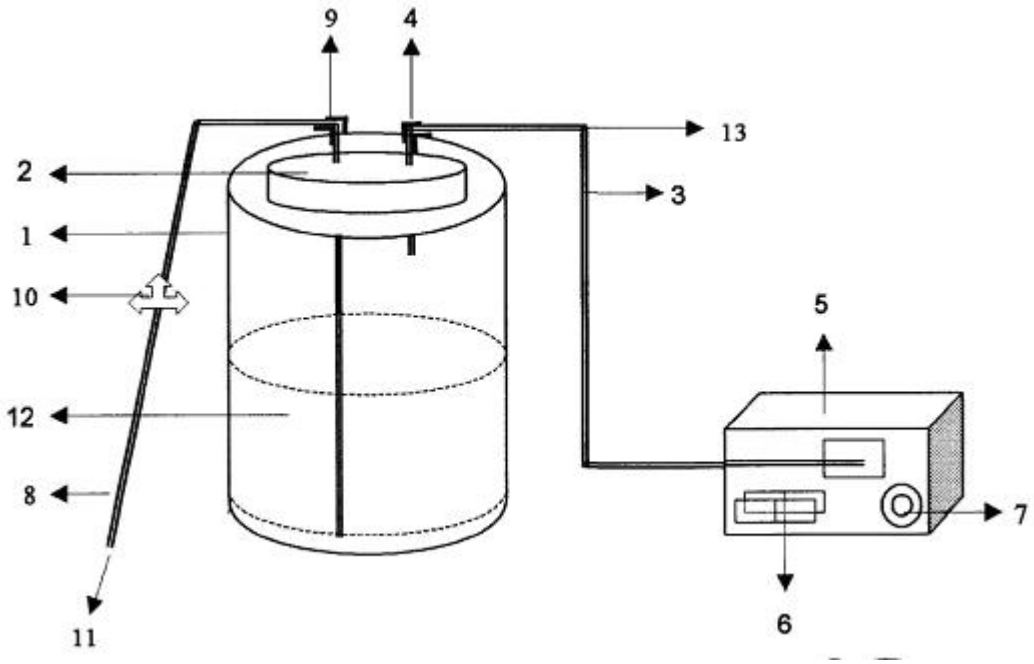
1)VAIDYA GUJARATHI NARENDRA NARAYANDAS

No of Pages : 9
No of Claims : 9

(57) Abstract :
The invention relates to an apparatus for administering enema. The construction of the apparatus is made to make it convenient to use single handed without any other outside help. Basti (Enema)is one of the main curative treatments in Vata Dosha disorders according to Ayurved. The currently available devices may pose many humiliating problems for the patient and the medical attendant. The present invention overcomes the problems existing in the prior art, and provides an apparatus for the administration of enema, comprising of an airtight medicine reservoir, a portable air compressor and tubing wherein the medicine flow is controlled by a regulator valve and can be operated by the patient himself.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2007
(21) Application No.430/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED FUNNEL

(51) International classification :B67C11/00
(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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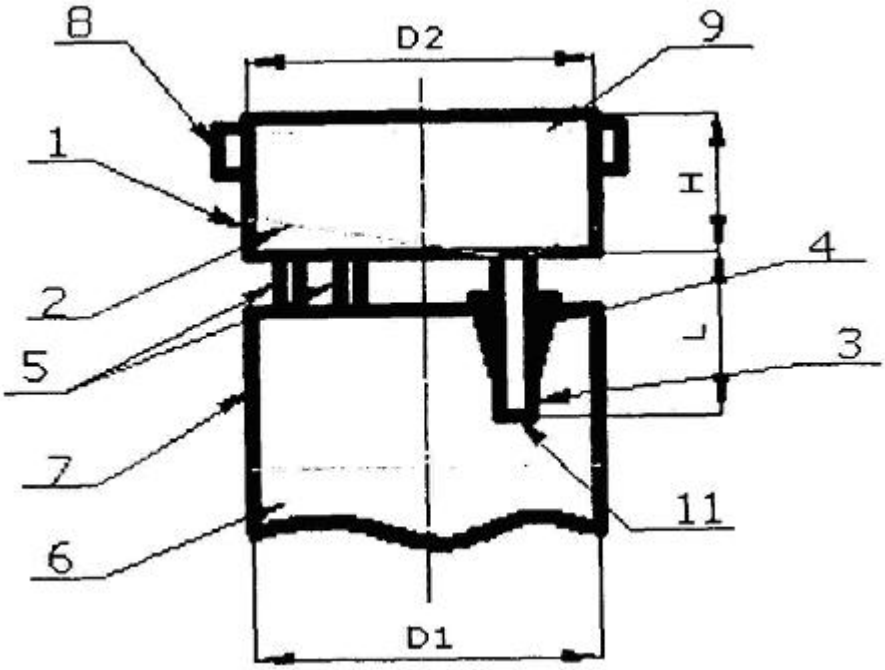
3)GOPALKRISHNA K.

No of Pages : 13
No of Claims : 8

(57) Abstract :
This invention relates to a funnel comprising a body, which has a non concentric sloping bottom which merges near the joint of stem and body, the diameter of funnel body is equal to diameter of container to which the user wants to pour the liquid and height of funnel body is slightly less than length of stem which is supposed to be put in a container during use, and the said stem is joined to said funnel body at body at bottom by a known joining process. The said funnel has at least two supports which are fixed at the bottom of funnel body to rest on container during its use, and a taper seal is firmly fixed on stem. A ring of diameter slightly less than the diameter of funnel body is circumferentially attached to the said body at top by brackets and at least two handles are appropriately fixed on said funnel body at opposite ends.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2007
(21) Application No.447/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TEST RIG FOR MEASURING PRA FRICTION IN AUTOMOTIVES

(51) International classification :G01N19/02
(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 :NIL
(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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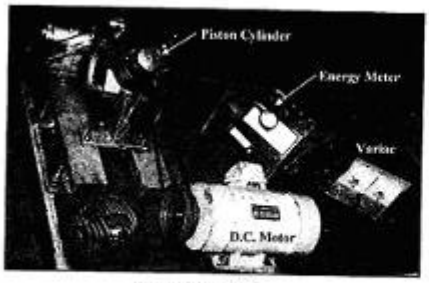
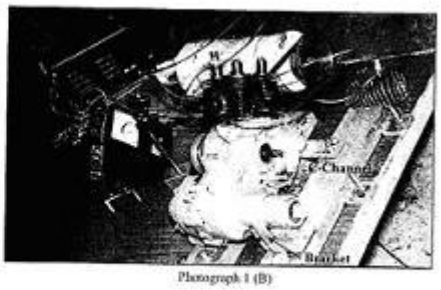
(72)**Name of Inventor :**
1)BHATT DHANANJAY VISHNUPRASAD
2)MISTRY KISHORE NANUBHAI

No of Pages : 14
No of Claims : 5

(57) Abstract :
In general automotives are used in transportation of goods and passengers. Investigators are trying to increase the comfort and fuel efficiency of the automotives.However, it is not possible to extract the 100% energy from the fuel due to thermal and frictional losses. The frictional losses are dominant in the engine and are in the range of 13% to 18%. The PRA friction due to reciprocating motion of the piston inside the cylinder occurs almost 50% of total frictional losses in the system. However, it is very difficult to quantify the contribution of PRA frictional losses from the total frictional losses. Thus it is required to estimate the PRA friction losses and their effect on efficiency of engine and service life of components. Therefore it is required to investigate and establish the effect of PRA frictional losses and to understand its mechanism. In present invention PRA Friction measuring test rig is developed to simulate the actual working of an automotive engine. The test rig is used to measure the PR frictional losses with or without mounting the cylinder head under different operating parameters namely, piston rig geometry, lubricants and speeds. Entire PRA system mounted on a C-channel steel structure with clamping bracket fitted on a table top. External lubricating system is provided by gravity principle through the six taper holes provided on cylinder liner between TDC and BDC. A voltmeter, A-meter, Energy meter (watt) are connected to a D.C. motor through which the PRA system is driven . The PRA frictional losses are measured in terms in terms of the power consumption (watt) variation in D.C. motor. The PRA system has also provision of measuring the suction pressure inside the cylinder.



Photograph 1 (A)



Photograph 1 (B)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2007

(21) Application No.482/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPREAD SPECTRUM RECEIVER AND CHANNEL COMPENSATION METHOD THEREOF

(51) International classification :H04L7/00
(31) Priority Document No :60/785,909
(32) Priority Date :24/03/2006
(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

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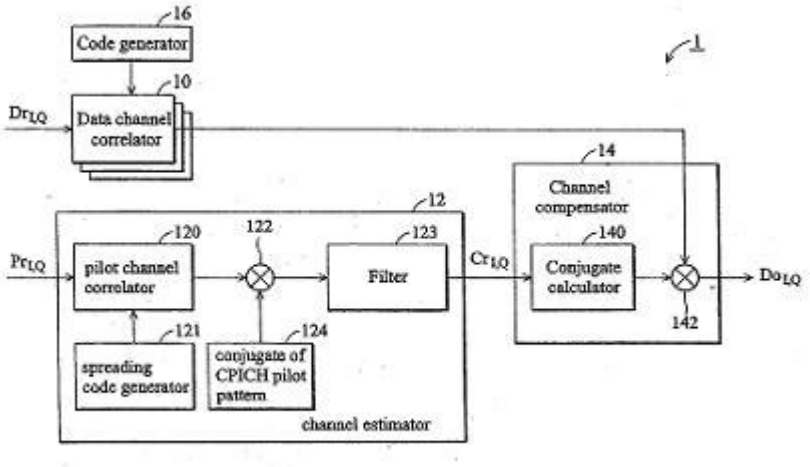
(72)**Name of Inventor :**
1)CHUNG-HSIEN HSIEH

No of Pages : 20
No of Claims : 14

(57) Abstract :
A spread spectrum receiver in a communication system compensating channel response, and the method thereof is disclosed. The spread spectrum receiver comprises a multiplier, a filter, a data channel correlator, a delay, and a channel compenstor. The multiplier (332) multiplies despread pilots (320) with conjugate of pilot pattern (324)to provide channel estimates. The filter (323) filters the channel estimates from the multipliler (322). The data channel correlator (30) despreads data symbols in a data channel. The delay module (38), coupled to the data channel correlator (30), delays the despread data symbols for a period. The channel compensator (34), coupled to the filter (323) and the delay module (38), compensates the delayed despread data symbols with the filtered channel estimates.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2007
(21) Application No.581/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : THE PACKING OF BITUMEN IN STEEL DRUMS ENSURING 100% DECANTING OF BITUMEN

(51) International classification :B65B63/00
(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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No of Pages : 9
No of Claims : 4

(57) Abstract :
The process of packing by pouring hot bitumen in liquid form and simultaneously cooling down to allow it to solidify the mass and cutting open the drum to recover 100% of bitumen and leaving steel sheet clear and bitumen mass stuck with the plastic cover.

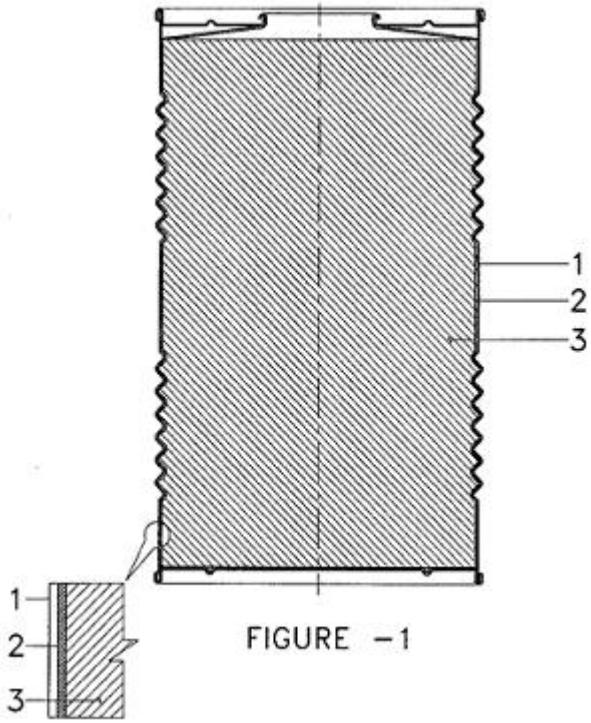

FIGURE –1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2007
(21) Application No.625/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL DOSAGES FORM IN PARTICULAR, ORAL STRIP OR THIN FILM FORM OF ACTIVE ALPRAZOLAM THROUGH THE NOVEL PROCESS FOR MANUFACTURING THE SAME

(51) International classification :A61K31/00
(31) Priority Document No :87/MUM/2007
(32) Priority Date :16/01/2007
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NIL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RASHMI JAIN
2)BHARAT SHAH

No of Pages : 15
No of Claims : 9

(57) Abstract :
The preset invention discloses a novel pharmaceutical oral dosage form of alprazolam in form of thin strip/film. Other pharmaceutical adjuvants to improve the properties of the film/strip is disclosed including adding sweeteners and flavours to suppress the bitterness of alprazolam. The very delicate dosage form requires special provision for manufacturing via specially designed apparatus and that is adopted in order to carry out the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2007
(21) Application No.663/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED SPINNING ASSEMBLY FOR MANUFACTURING OF THE YARN FROM STAPLE FIBRES

(51) International classification :D01H1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NIL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JAYANT MANOHAR

No of Pages : 37
No of Claims : 10

(57) Abstract :
In case of normal open end spinning technique, yarn tail is mainly under influence of centrifugal force and yarn tension. The yarn tail assume almost straight line path, except at the rotor periphery, in free flight zone from navel to rotor periphery. At rotor periphery there is slight bend through which twist is transferred to the assembled fibres. Such transfer of twist demands very high twisting torque, which is derived from false twist component. However false twist has many a drawback therefore open end yarn has undesirable characteristics. In proposed technique, to avoid bad effects of false twist, the yarn tail is bent in free flight zone, from earlier stage so as to meet rotor periphery at desirable point. This is attempted by one of helix tube guiding the yarn bending through desirable angle of lead and released very close to rotor periphery. This helps in reducing the free flight zone considerably. Yet another tube of helix is for exhausting air through a slit at its tip just below yarn path, provides a constant force which compensate or controls centrifugal force, and also moves at speed of peel off point. Thus at peel off point only machine twist or true twist is provided and should be sufficient for continuation of spinning process. The new technique should permit spinning at normal twist multipliers similar to ring spinning. Moreover all the technological drawbacks of open end spinning can be eliminated, including number of fibres in yarn cross section, wrapper fibres, with true twist lines, unwinding tendency after the navel, which leads to drop in tensile strength. The yarn structure should resemble to ring yarn but spun at rotor speed.

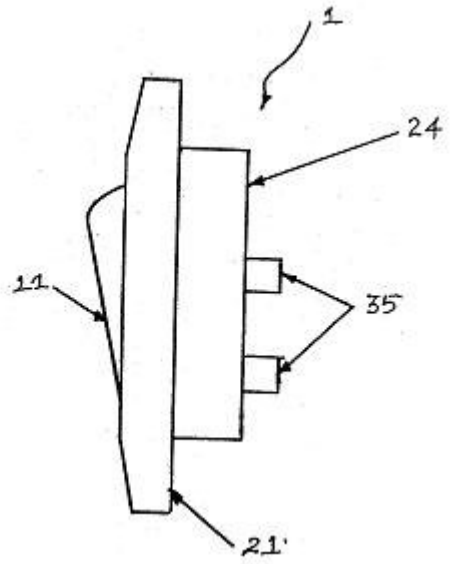
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2007
(21) Application No.671/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A INTER LOCKING ELECTRIC SWITCH & PLATE

(51) International classification	:H01H9/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)BHARAT SOLANKI**
(32) Priority Date	:NA	Address of Applicant :22/180 MOTILAL NAGAR NO 1 OPP BEST COLONY GOREGAON MUMBAI 400 104 Maharashtra India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)BHARAT SOLANKI**
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 : 11
No of Claims : 5

(57) Abstract :
This invention relates generally to the electrical/electronic switch. More particularly it relates to body structure for the electrical/electronic switch with fitting facility which makes the installation of the switches on the mounting plate easier and faster. Switching unit having a spring actuated mechanism; body part comprising - a front surface with a deep portion at the meddle for accommodating switching unit in it, said deep portion comprises a groove at the center; - a projected central portion on the centre, the groove of front surface and projected central portion are such that they coincides with each other, - outwardly projected flanges at the corners on the back side; and base plate having plurality of grooves for fitting it on the wall with screwing, said base plate comprises number of openings equal to said outwardly projected flanges for accommodating said flanges in the press fit manner, said base plate further comprises a central opening such that projected central portion of the back said of the body part passes through it while press fitting the body part on the base plate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2007
(21) Application No.683/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL DOSAGES FORM, IN PARTICULAR, ORAL STRIP OR THIN FILM FORM OF ACTIVE ATORVASTATIN CALCIUM THROUGH THE NOVEL PROCESS FOR MANUFACTURING THE SAME

(51) International classification :A61K31/00
(31) Priority Document No :87/MUM/2007
(32) Priority Date :16/01/2007
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :Nil
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RASHMI JAIN
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No of Pages : 17
No of Claims : 9

(57) Abstract :
The present invention discloses a novel pharmaceutical oral dosage form of atorvastatin calcium in form of thin strip/film. Other pharmaceutical adjuvants to improve the properties of the film/strip is disclosed including adding sweeteners and flavours to suppress the bitterness of atorastatin calcium. The very delicate dosage form requires special provision for manufacturing via specially designed apparatus and that is adopted in order to carry out the invention. Adequate provision has been made to make the strips thin film of the dosage form moisture free before packing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2007
(21) Application No.684/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL DOSAGES FORM, IN PARTICULAR, ORAL STRIP OR THIN FILM FORM OF ACTIVE CETIRIZINE DIHYDROCHLORIDE THROUGH THE NOVEL PROCESS FOR MANUFATURING THE SAME

(51) International classification :A61K31/495
(31) Priority Document No :87/MUM/2007
(32) Priority Date :16/01/2007
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :Nil
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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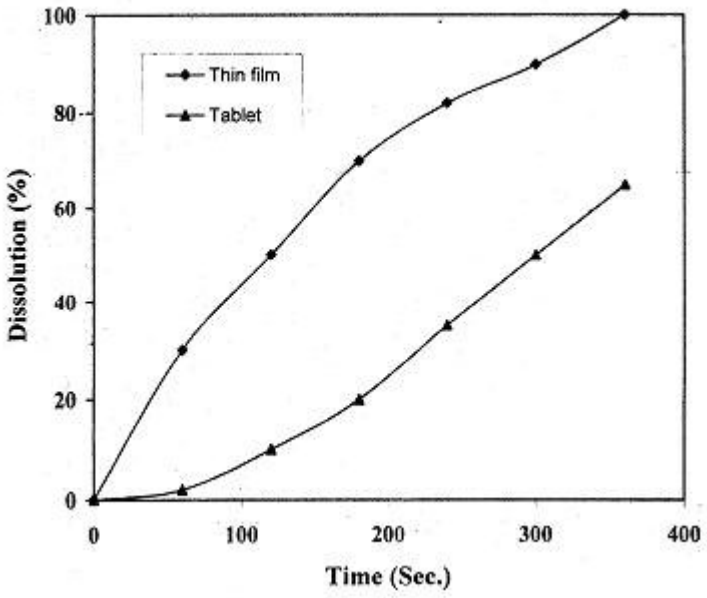
No of Pages : 18
No of Claims : 9

(57) Abstract :
The present invention discloses a novel pharmaceutical oral dosage form of cetirizine dihydrochloride in form of thin strip/film. Other pharmaceutical adjuvants to improve the properties of the film/strip is disclosed including adding sweeteners and flavours to suppress the bitterness of cetirizine dihydrochloride. The very delicate dosage form requires special provision for manufacturing via specially designed apparatus and that is adopted in order to carry out the invention.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2007
(21) Application No.736/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD OF MANUFACTURING NON-FOAMING, FLAME RETARDANT CASTOR OIL BASED POLYURETHANE RESIN COMPOSITION AND RESIN COMPOSITION MANUFACTURED THEREOF

(51) International classification	:C08G18/64 C08G18/69
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:Nil
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 11
No of Claims : 8

(57) Abstract :
The present invention relates to a method of preparation of polyurethane resin mix. More particularly it relates to a method of preparation of polyurethane castor oil based, non-foaming, flame retardant flexible polyurethane resin for encapsulating plastic film capacitors, preventing capacitors from ingress of moisture, protecting capacitors from effect of flame produced but arcing of other components in vicinity in circuit as also arcing if any inside the capacitor affecting other components in circuit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2007
(21) Application No.843/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR TRANASFERRING PRINTED IMAGES ON WALLS, SHUTTERS, DOORS, WINDOWS AND OTHER SIMILAR SURFACES BY ADOPTING THE PROCESS FOR PREPARING THE PRINTED PAPER TO BE TRANSFERRED

(51) International classification :B41C1/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :Nil
(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)KENNETH P VALLES
4)RUDOLPH J VALLES PARTNERS
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3)KENNETH P VALLES
4)RUDOLPH J VALLES PARTNERS OF M/S.INKS INDIA

No of Pages : 10
No of Claims : 4

(57) Abstract :
The present invention relates to a noval method for transferring and/or reproducing the printed images and graphics on to any surfaces such as herein described, the method comprises two separate modules, the module (1) comprises: production process, which involves preparing the said image or design on to an intermediate surface in a way to make it transferable or reproducible on to any of the surfaces, such as walls, shutters doors, windows and boards and the module (2) comprises application process, which involves the process of subsequently applying the above said image or design on to any surfaces, such as walls, shutters, doors, windows and boards so that the image is then transferred and/or reproduced on to the said surface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2007
(21) Application No.913/MUM/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DUST SEPERATOR

(51) International classification :B03B9/00
(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 :**
1)KALANI JUGAL KISHORE KUNJILAL

No of Pages : 11
No of Claims : 8

(57) Abstract :
The present invention relates to a dust separator in a vertical shaft Impactor (VSI). Vertical shaft impactor crushers are used for crushing minerals, stones and hard brittle materials. During crushing process in the VSI, dust is generated, which comes out with the crushed materials from the outlet. This dust sometimes acts as an impurity and is not desirable. Dust while emitting from the outlet creates air pollution. Thus the dust has to be removed. In the present invention the dust is separated from the crushed material in the crushing process itself, utilizing the air pressure generated by the rotor and thus producing dust free crushed material. Further it also utilizes the air stream generated by the rotor. The air stream strikes the crushed material and separates dust. The dust laden air is diverted in upward direction, and to air classifier specially designed to classify and separate the dust from air.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2007

(21) Application No.1076/DEL/2007 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS FOR TESTING A STRUCTURAL SPECIMEN SUBJECTED TO BENDING AND TORSION

(51) International classification :G01N3/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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3)MR.VIJAY PAL SINGH
(72)**Name of Inventor :**
1)SH. SHANKAR DYAL BHATNAGAR

No of Pages : 17

No of Claims : 10

(57) Abstract :
Apparatus for testing structural specimens (made up of steel, concrete or composite material subject to bending, torsion and combined bending and torsion) comprising of portal load frame, actuator, grips and fixtures for RSJ specimen, resistance strain gages, ball bearing with lever arrangement, means to study the stress and strains produced in the material and arrangement to plot the frequency Vs displacement curves. The apparatus is used to study the bending and torsional effects produced in the structural specimens under different loading conditions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2007
(21) Application No.551/KOL/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVELOPMENT OF MICROALLOYED ULTRA HIGH STRENGTH STEEL

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

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(72)**Name of Inventor :**
1)CHANDER SUBHASH
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3)CHATTERJEE PROF. DR. SUBRATA

(57) Abstract :
Conventional mode of production of high strength steel used lower carbon concentration, maintaining lower finish rolling temperatures. Reduction in carbon content during melting increased cost of melting operation of steel and lower finished rolling temperatures required high amount of rolling load and energy. The present invention aims at overcoming of above drawbacks by enhancing the carbon concentration of steel and using higher finish rolling temperatures. This invention provides a novel microalloyed ultra high strength steel having the composition - i) carbon 0.06 - 0 15% by wt.; ii) phosphorus - 0.01% max by wt.; iii) sulphur - 0.01% max by wt.; iv) silicon 0.2 - 0.7% by wt.; v) manganese 1.2 - 1.8% by wt.; vi) nickel 3.0 - 3.8% by wt.; vii) molybdenum 0.4 - l.0% by wt.; viii) copper - 1.5% max by wt.; ix) niobium 0.04 - 0.09% by wt.; x) titanium 0.02 - 0.08% by wt.; xi) aluminium 0.02 - 0.03% by wt.; xii) chromium - 1.5% max by wt. The subject invention also provides a process for preparing the aforesaid ultra high strength steel.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.692/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :07/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : A THROMBOPLASTIN REAGENT AND A PROCESS THEREOF

(51) International classification :A61K35/30
(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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(72)**Name of Inventor :**
1)MAHAJAN; LALIT

(57) Abstract :
The present invention relates to a thromboplastin reagent and a process for preparation of the said thromboplastin reagent from the rabbit brain which is used for analyzing prothrombin Time (PT) in whole blood or plasma. The invention alose described a device and a process for analyzing the prothrombin time. The test is performed with lyophilised or liquid reagents and the PT is calculated based on the temperature and the cloating time. TSC solution (Tri - sodium Citrate solution).

(12) PATENT APPLICATION PUBLICATION
(21) Application No.693/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :07/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : A DEVICE FOR DETERMINATION OF THE HIV IN HUMAN SERUM AND PLASMA/WHOLE BLOOD AND A PROCESS THEREOF.

(51) International classification :C07K16/10
(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)MAHAJAN; LALIT

(57) Abstract :
The present invention HIV Ag & Ab Comb is a test device for the early detection of p24 antigen and HIV1 and HIV 2 antibodies in human serum or plasma or whole blood. It is a visual, rapid, sensitive and accurate test kit for analyzing the presence of HIV antibodies and p24 antigen in human serum or plasma or whole blood. In this test device, the workability of the device can be tested simultaneously with the detection of the presence of p24 antigen and antibodies to HIV.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.694/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :07/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : A DEVICE FOR ISOLATION OF DIOXY RHIBONUCLIEC ACID/RHIBONUCLEIC ACID FROM NUCLEIC ACID AND A PROCESS THEREOF.

(51) International classification :C12Q1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)MAHAJAN; LALIT

(57) Abstract :
The present invention provides a novel method and kit for the isolation of nucleic acid from the nucleic acid containing material. The invention provides the method and kit for the isolation of high molecular weight DNA typically Genomic DNA from the biological starting material such as sputum, CSF or all types of extra pulmonary samples. The decontaminated sample is lysed and extracted to get the high molecular weight Genomic DNA. Here the isolated genomic DNA is trapped on the trapping membrane.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.695/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :07/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF THE PARTIAL THROMBOPLASTIN TIME REAGENT AND A DEVICE THEREOF.

(51) International classification :C12P21/00
(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)MAHAJAN; LALIT

(57) Abstract :
The present invention describes a method of preparation of the partial thromboplastin time reagent (APTT) which is used for the determination of activated partial thromboplastin time in a whole blood or plasma at 37Â°C. A test kit is also described for analysis of APTT which comprises of Diagnos Thrombo reagent and TSC solution (Tri - sodium Citrate solution) . The reagent is Cephaloplastin reagent activated with Ellagic acid which is in liquid form.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.696/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :07/05/2007

(43) Publication Date : 25/05/2007

(54) Title of the invention : A DEVICE FOR RAPID DETECTION OF THE HIV P24 ANTIGEN & ANTIBODIES AND A PROCESS THEREOF.

(51) International classification :A61K39/21
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)MAHAJAN; LALIT
Address of Applicant :1-D, MANHAR MAHAL, 4, BAKUL BAGAN ROA BEHIND LANSDOWNE MKT.,KOLKATA - 700 025 West Bengal India
(72)**Name of Inventor :**
1)MAHAJAN; LALIT

(57) Abstract :
The present invention relates to HIV Ag & Ab EIA comb, a test kit and a device for the early detection of the HIV-1, HIV-2 antibodies and p24 antigen in human serum or plasma. The device is a comb which comprises of four dots which are HIV -1, HIV-2 detection for the detection of HIV1 and HIV2 antibodies and P24 detection dot for the detection of p24 antigen and Control dot to test the test performance. It provides an early detection of the presence of antigen to p24 and antibodies to HIV-1 and HIV-2 .The p24 detection dot is coated with monoclonal or polyclonal antibodies and HIV-1 detection dot is coated with glycoprotein gp41 and C terminus of gp 120 and detection dot for HIV-2 is coated with gycoprotein gp 36, and control dot is coated with mono/ poly antihuman IgG .

(12) PATENT APPLICATION PUBLICATION
(21) Application No.710/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :07/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : AUTOMATIC THREADED PIPE CONNECTING SYSTEM.

(51) International classification	:E21B17/042; F16L57/00
(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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2)SHAILENDRA SINGH KATHAUT
(72)**Name of Inventor :**
1)PUSKAR KUMAR VERMA
2)SHAILENDRA SINGH KATHAUT

(57) Abstract :
Automatic Threaded Pipe Connecting System, mainly for automatically connecting pipes of different diameter by threaded pipe connectors. This system constitutes of pipe storing garages 13), pipe handling & centralizing assembly (1,2,5,6,7,17) and pipe connecting assembly (18,19,21,22). A pipe storing garage keeps storing the pipes of different diameter near the pipe handling assembly system and provides the ready supply of pipes of different diameter and length. The pipe handling assembly transports the pipes from garage (13) to the pipe connecting assembly (18,19,21,22) and also makes the centre of pipe co-linear in vertical direction. Now as the pipe handling assembly centralizes pipes with each other and delivers this connected pipe structure vertically downward. This system consists of an embedded system which controls and synchronizes the motions of the different motors of the system. The embedded system comprises of a microcontroller unit, along with driver circuits. These driver circuits controls the rotation of motor as programmed.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.716/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :09/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEEDLE LESS INJECTION STOPPER ASSEMBLY

(51) International classification :A61M25/00
(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)EASTERN MEDIKIT LIMITED
Address of Applicant :5/ 1A, CENTRAL ROAD, JADAV PUR KOLKATTA-700 032 West Bengal India
(72)**Name of Inventor :**
1)NARANG KARUN RAJ
2)PAUL SANJEEV

(57) Abstract :
This invention relates to a needle less injection stopper assembly for safe application of medicament outpatients by a syringe barrel of tubular shape having a co axially fitted plunger, one end of said plunger is configured as flange shaped for limiting the movement of the plunger at corresponding end of the barrel to prevent further movement of the plunger while in full forward position, the other end of said the plunger being configured with a valve to guide the movement of the plunger as well as to support the assembly in the inner end of the barrel, the said barrel is provided with an expulsion orifice of small cross sectional area at one end and configured to be adapted to the Luer back of an injection stopper assembly.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.724/KOL/2007 A
(19) INDIA
(22) Date of filing of Application :10/05/2007
(43) Publication Date : 25/05/2007

(54) Title of the invention : SAFETY I.V. CATHETER WITH TIP PROTECTIVE HOUSING

(51) International classification :A61M5/178
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)EASTERN MEDIKIT LIMITED
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(72)**Name of Inventor :**
1)NARANG KARUN RAJ
2)PAUL SANJEEV

(57) Abstract :
This invention relates to a medical safety intravenous (I.V.) catheter and in particular, a safety intravenous (I.V.) catheter device with a tip protective housing wherein the arms of the needle hub have a tip protective housing encaged between them and the tip protective housing slides to the butterfly portion at the time cannulation and the needle run its length between the tip protective housing and the needle hub and wherein the forming on the needle gets locked inside the cylindrical portion and stainless clip contained in the hollow of the tip protective housing.

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.1124/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :13/10/2005

(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL BIARYLCARBOXAMIDES

(51) International classification	:C07D 453/02
(31) Priority Document No	:0000540-5
(32) Priority Date	:18/02/2000
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE01/00329
Filing Date	:15/02/2001
(87) International Publication No	:WO 01/60821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2002/00904/MUM
Filed on	:04/07/2002

(71)**Name of Applicant :**
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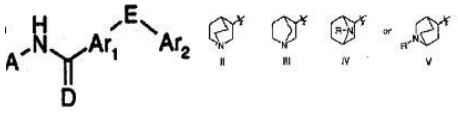
(72)**Name of Inventor :**
1)EIFION PHILLIPS
2)RICHARD SCHMIESING

No of Pages : 77

No of Claims : 32

(57) Abstract :

A compound of formula (I), wherein A represents (II), (III), (IV) or (V), D represents oxygen or sulfur; E represents a single bond, oxygen, sulfur, or NR^{1o}; R represents hydrogen or methyl; Ar^1 represents a 5- or 6-membered aromatic or heteroaromatic ring containing zero to three nitrogen atoms, zero or one oxygen atom, and zero or one sulfur atom; Ar^2 represents a 5- or 6-membered aromatic or heteroaromatic ring containing zero to three nitrogen atoms, zero or one oxygen atom, and zero or one sulfur atom or; an 8-, 9- or 10-membered fused aromatic or heteroaromatic ring system containing zero to three nitrogen atoms, zero to one oxygen atom, and zero to one sulfur atom; the aromatic rings Ar^1 and Ar^2 are optionally substituted with one or three substituents selected from: halogen, C_1-C4alkyl, C_2-C4alkenyl, C_2-C4alkynyl, CN, NO_2, NR^1R^2, $CH_2NR^1R^2$, OR^3, CH_2OR^3, CO_2R4, CF_3; R^1, R^2 and R^3 are independently C1-4alkyl, aryl, heteroaryl, C(O)R5, C(O)NHR6, C(O)R7, SO_2R8 or R^1 and R^2 may together be (CH2)jG(CH2)k where G is oxygen, sulfur, NR9, or a bond; j is 2 to 4; k is 0 to 2; R4, R5, R6, R7, R8, R9, and R^{1o} are independently C_1-C4alkyl, aryl, or heteroaryl; or an enantiomer thereof and pharmaceutically acceptable salts thereof; with the provisos that: (1) if D represents oxygen, E represents a single bond, and A represents (II) and either Ar^1 or Ar^2 represents a pyrazole ring, then all optional substituents on the pyrazole ring shall be hydrogen; and (2) if Ar^1 represents a pyridine ring, Ar^2 represents an aryl ring, and A represents (II), then all optional substituents on the pyridine ring shall be hydrogen; and (3) formula (I) does not represent (a); processes for preparing them, pharmaceutical compositions containing them and their use in therapy, especially in the treatment or prophylaxis of psychotic and intellectual impairment disorders.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2006
(21) Application No.384/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR COMMUNICATING CONTROL DATA USING MULTIPLE SLOT FORMATS

(51) International classification :H04B7/26
(31) Priority Document No :60/508,584
(32) Priority Date :02/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/032395
Filing Date :01/10/2004
(87) International Publication No :WO2005/036914A1
(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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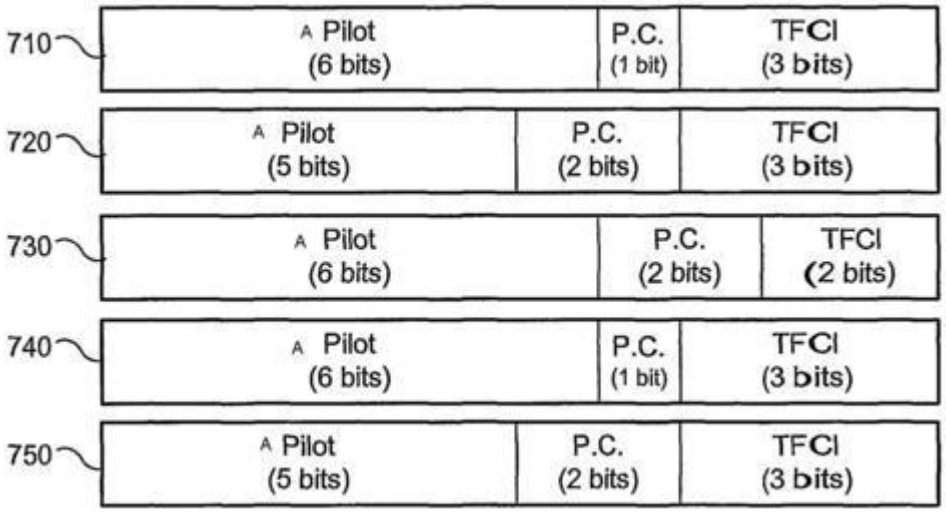
(72)**Name of Inventor :**
1)MALLADI, Durga Prasad
2)WILLENEGGER , Serge D.
3)ZHANG, Xiaoxia

No of Pages : 32
No of Claims : 39

(57) Abstract :
Systems and methods for communicating control information in slots that use at least two different slot formats. In one embodiment, a method implemented in a wireless communication system includes providing at least two different slot formats, formatting control data in the slots of a control frame according to the at least two different slot formats, transmitting the control frame from a mobile station to a base station via a control channel, receiving the control frame, extracting data rate information from the control frame according to the at least two different slot formats, decoding the extracted control data, parsing the extracted data into separate data rate information and decoding data received via one or more data channels using the decoded control data. In one embodiment, the method is used to enable additional TFCI data corresponding to two different data channels to be transmitted on a single control channel.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.1030/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPUTER-IMPLEMENTED METHOD, SYSTEM AND APPARATUS FOR THE DYNAMIC VERIFICATION OF A CONSUMER ENGAGED IN A TRANSACTION WITH A MERCHANT AND AUTHORIZATION OF THE TRANSACTION

(51) International classification :G06Q40/00,G06Q99/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US04/005444
Filing Date :23/02/2004
(87) International Publication No :WO2005/084187A2
(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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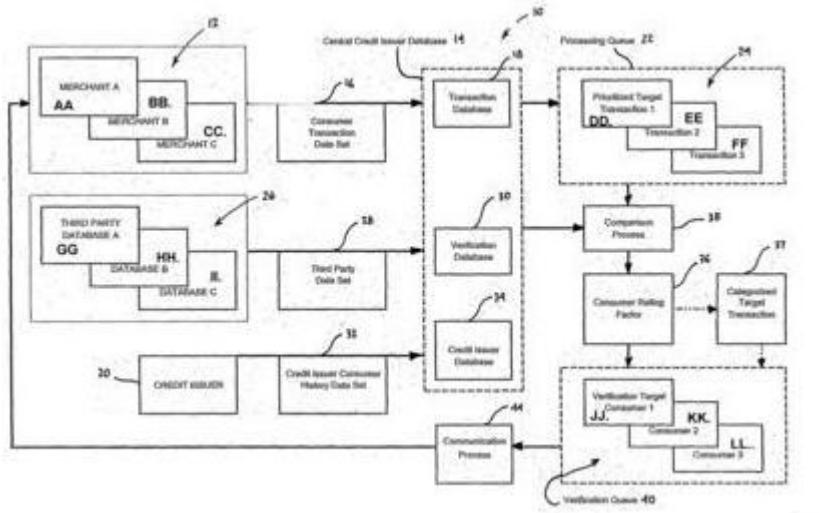
1)TALBERT,VINCENT W.
2)KEITHLY,THOMAS,H
3)HIRSCHFELD,DANIEL A.,
4)LAVELLE,MARK L.

No of Pages : 29
No of Claims : 44

(57) Abstract :
Disclosed is a computer-implemented method for the dynamic verification of a consumer engaged in a transaction with a merchant (12) and authorization of the transaction. The method comprises the steps of: providing a consumer transaction data set (16) including a plurality of data fields to a central credit issuer database (14); determining a processing queue (22) based upon the data contained in at least one of the data fields in the consumer transaction data set (16), the processing queue (22) including a plurality of prioritized target transactions (24); comparing at least one data field from the consumer transaction data set (16) directed to the consumer engaged in the prioritized target transaction (24) with at least one data field in at least one of the central credit issuer database (14) and a third party database (26); and determining a consumer/transaction identifier (36) based upon the comparison.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2004
(21) Application No.1057/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FILTER COVER WITH A RAPID ASSEMBLED CONNECTOR USED IN WATER INLET AND WATER OUTLET OF THE FILTER COVER

(51) International classification :B01D35/30
(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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(72)**Name of Inventor :**
1)LIN MAO-CHANG

No of Pages : 13
No of Claims : 4

(57) Abstract :
A filter cover with a rapid assembled connector used in a water inlet and a water outlet of the filter cover comprises two round tube; each having a washer at a first end thereof which serves to be inserted into a casing; at least one block being protruded from a periphery of the round tube; a buckling sheet being backwards extended at one end of each block; a second end of the round tube being used to be connected to other tubes; a casing having a water inlet and a water outlet; the water inlet having a first opening extending inwards into the casing; the water outlet having a first opening extending inwards into the casing; sizes of the first and second openings being slightly larger than that of the block; the first opening having at least first hole; and the second opening having at least one second hole.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2004
(21) Application No.1062/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF SUBSTITUTED ARYL ACETONITRILE DERIVATIVES

(51) International classification	:C07D265/12 C07D265/00
(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)NARAYANAIYER VISWANATHAN
2)CHATURVEDI ROHIT

No of Pages : 17
No of Claims : 15

(57) Abstract :
According to the present invention there is provided a process for the preparation of substituted arylacetonitrile derivatives comprising contacting an arylacetonitrile substrate with a condensation substituent in the presence of an alcoholic solvent and an alkali metal alkoxide base, and maintaining the resulting reaction mixture under below-room temperature conditions for a period effective to produce the desired substituted arylacetonitrile derivative.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1066/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (RESPIRATORY SYSTEM)

(51) International classification :G09B23/30
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

No of Pages : 20
No of Claims : 10

(57) Abstract :
An educational visual aid device for respiratory system comprising of a front panel, a back panel, a supporting base and a moving element provided above the back panel, the said front panel having external construction of the reparatory system showing lungs and trachia, a cut provided in the front panel along the boundary of the lungs, leaving a portion, thereby forming a foldable flap of lungs, a vertical slot provided in the front panel to form the wind pipe marked with striated portion near the nose portion of the body, the said back panel printed with the internal construction of the lungs on its front surface and pasted on the supporting base, the said moving element, consisting of a pair of prongs and a movable vertical arm pivoted with the help of a pivot pin, provided above the back panel, a tab provided at the top end of the vertical arm and the lower end of the arm supported in a bracket fixed on the back panel and striated marks provided on the front surface of the said vertical arm.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1067/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (AUDITORY SYSTEM)

(51) International classification :G09B23/30
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

No of Pages : 21
No of Claims : 8

(57) Abstract :
An educational visual aid device for auditory system, comprising of an upper panel, a middle panel, a moving element and a back panel, the said upper panel printed with external ear construction along with face, the said upper panel being foldably hinged on the middle panel, the said middle panel printed with internal construction of the ear showing therein the eardrum, ossicle, semicircular cannals, cohlea and the nerve, a cut-out/slot provided in the middle panel forming a passage, showing external ear connected with the eardrum, the middle panel attached to the back panel on its outer edges, the said moving element, made of transparent sheet, printed with curved with lines in opaque colour and a tab fixed on its back side, provided below the slot in the middle panel, the said back panel provided with straight slot for movably accommodating the said tab of the moving element and a sheet printed with ear and passage of internal ear, in the same colour as of internal ear on the middle panel, provided on upper surface of the back panel, keeping the printed portion below the slot in the middle panel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1068/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (SKELETON SYSTEM)

(51) International classification :G09B23/30
(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

(71)**Name of Applicant :**
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Address of Applicant :732/B-22, EKTA SOCIETY, SECTOR 7, CHARKOP, KANDIVALI (W), MUMBAI - 400 067, Maharashtra India
(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

No of Pages : 15
No of Claims : 8

(57) Abstract :
An educational visual aid device for body, skin and skeleton system comparing an upper panel and a lower panel provided on a base support, the said upper panel on its top surface being printed with external construction of the body preferably in attractive colours, a vertical cut, dividing the said body in two exact halves made in the upper panel, the said upper panel hinged along its two vertical edges over the lower panel, thereby forming two foldable flaps of the external body printed on the upper panel, the said lower panel of its top surface being printed with internal construction/skeleton system of the body, preferably in attractive colours, exactly below the external construction of the body printed on the upper panel and the bias lower panel being pasted on the base support.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1071/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (NERVOUS SYSTEM)

(51) International classification	:G09B19/10 G09B23/30
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANDALIA NANABHAU BHIKA

No of Pages : 18
No of Claims : 10

(57) Abstract :
An educational visual aid device for Nervous System comprising of a front/upper panel, provided with a slot/cut-out forming the boundary of the body without head, the head showing brain region provided above the said slot, a lower panel printed with the body showing the nervous system containing spinal cord and spinal nerves all over the body, provided just below the said slot in the front panel, a conductive foil provided over the said nerves/nervous system forming like a printed circuit board (PCB), a bulb/LED connected to a battery at one end and to the conductive foil of the nervous system at its other end, provided a hole made, in front panel, in the said brain region, the other end of the said battery connected to a probe/touching means having a conductive strip, with the help of a wire the said touching means being kept on the front side of the front panel and a base support provided for supporting the said lower panel along with the battery, bulb and wiring circuitry.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1072/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS(BRAIN)

(51) International classification :G09B23/30
(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

(71)**Name of Applicant :**
1)MANDALIK NANABHAU BHIKA
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(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

No of Pages : 16
No of Claims : 10

(57) Abstract :
An educational visual aid device for the brain comprising of a panel, a back panel and a moving element, the said front panel printed with side face and a cut out/slot provided in the front panel in the shape of side view of the head, the said back panel printed with brain showing its sections like mid brain, cerebrum, cerebellum on its top surface just opposite to the head shaped slot in the front panel and curves slot provided in the said back panel, a moving element printed with human head pivotedly over the back panel and a tab fixed to the said curved element accommodated and projecting out of the said curved slot on the back side of the said back panel, arrangement being such that when the help of the tab, in one position the side head occupy the slot ion front panel and in another position the inner brain on the back panel is seen instantly opposite to the head shaped slot in the front panel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2004
(21) Application No.1073/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (HEART)

(51) International classification :G09B23/30
(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

(71)**Name of Applicant :**
1)MANDALIK NANABHAU BHIKA
Address of Applicant :732/B-22., EKTA SOCIETY, SECTOR 7, CHARKOP, KANDIVALI(W), MUMBAI-400 067, Maharashtra India
(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

No of Pages : 12
No of Claims : 9

(57) Abstract :
An educational visual aid devices for Heart comprising an upper panel, and a lower panel supported by a card board or any other hard material sheet, the said upper panel on its top surface printed with external construction of the heart indicating various pars of the heart like Aorta, Pulmonary Artery, Left Atrium, Pulmonary Veins, Left Ventricle, Right Ventricle, Post Caval, Right Atrium and Pre-Caval, a cut provided in the upper panel along the boundary of the heart diagrams, leaving a portion to from a flap, the top surface of the said lower panel printed with internal construction of the heart and provided with two curvilinear slots through the internal construction of the heart, a transparent sheet being pasted on the said lower panel covering the internal construction of heart two discs rotably provided below the said two slots formed in the said lower panel, two substantially semi-circular cutouts formed in the said card board or hard material sheet on its reverse side for rotating the said discs by using fingers, the said external construction, internal construction and the discs are preferably printed in red and blue colours and the said discs are provided with radial lines/markings for demonstrating blood circulation through the heart by rotating the said discs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2006
(21) Application No.1095/MUMNP/2006 A
(43) Publication Date : 25/05/2007

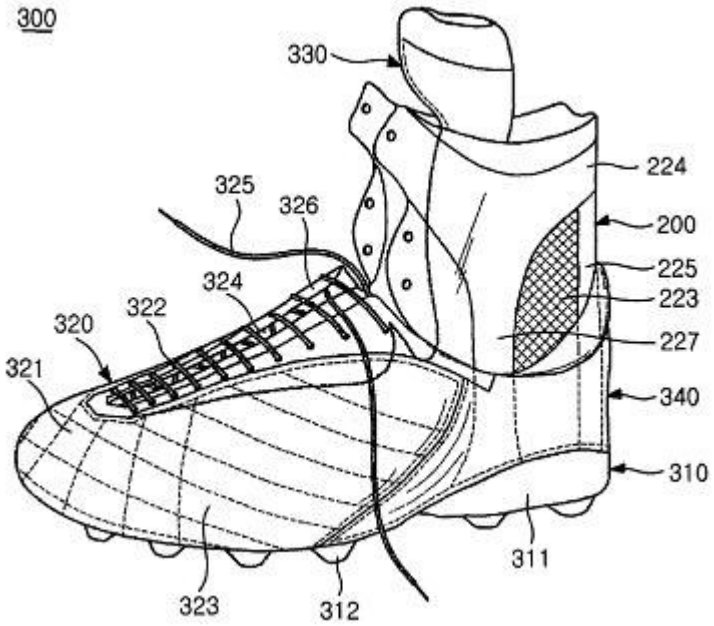
(54) Title of the invention : ANKLE SUPPORT TO BE ATTACHED TO FOOTWEAR AND FOOTWEAR EQUIPPED WITH IT

(51) International classification :A43B5/00
(31) Priority Document No :10-2004-0017285
(32) Priority Date :15/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000741
Filing Date :15/03/2005
(87) International Publication No :WO2005/087030A1
(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)CERBIO CO.,LTD
Address of Applicant :211 Technology Business Incubator, Hoseo University, 202 Sechul-ri, Baebang-myeon,Asan-si, Chungcheongnam-do, Republic of Korea
(72)**Name of Inventor :**
1)JUNG,Young Kyun
2)JEON,Young-II

No of Pages : 29
No of Claims : 20

(57) Abstract :
Disclosed herein is footwear having an ankle support (200). The footwear has a sole (310), an upper (320), and a heel section (340). The ankle support is worn to surround part of the foot and part of the leg between which an ankle joint is located, wherein a lower portion of the ankle support is secured to an interior of the footwear. According to this invention, the wearer's ankle joint moves together with the ankle support without being constrained by the footwear, thus ensuring the flexible movement of the ankle, therefore allowing unrestricted motion. Further, the lower portion of the ankle support is attached to the interior of the footwear, thus allowing the wearer's ankle to be supported by both the footwear and the ankle support, therefore efficiently supporting the ankle, even when large shocks are applied to the ankle due to intense activity.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2004
(21) Application No.1111/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PACKAGING FOR PACKING AT LEAST ONE PRODUCT, AND THE ACCORDING PACKAGING METHOD

(51) International classification :B65B61/02 B65D75/22
(31) Priority Document No :1024566
(32) Priority Date :17/10/2003
(33) Name of priority country :Netherlands
(86) International Application 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)LIGRA BV
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(72)**Name of Inventor :**
1)LINSSEN RONALDUS JOSEPHUS MARIE

No of Pages : 11
No of Claims : 8

(57) Abstract :
Packaging for packing at least one product, which package is provided with a minimum of two connectable plates, of which at least one plate is provided with a transformable plastic part, into which a product can be positioned. One of the plats is at least partially transparent. The plates can be bonded by means of glue at the least the plate that is provided with a transformable part is made of a material, that prior to the transforming process, is partially or fully printed with any desired image and provided with all the desired outer contours and the method of packing the product.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2006
(21) Application No.1119/MUMNP/2006 A
(43) Publication Date : 25/05/2007

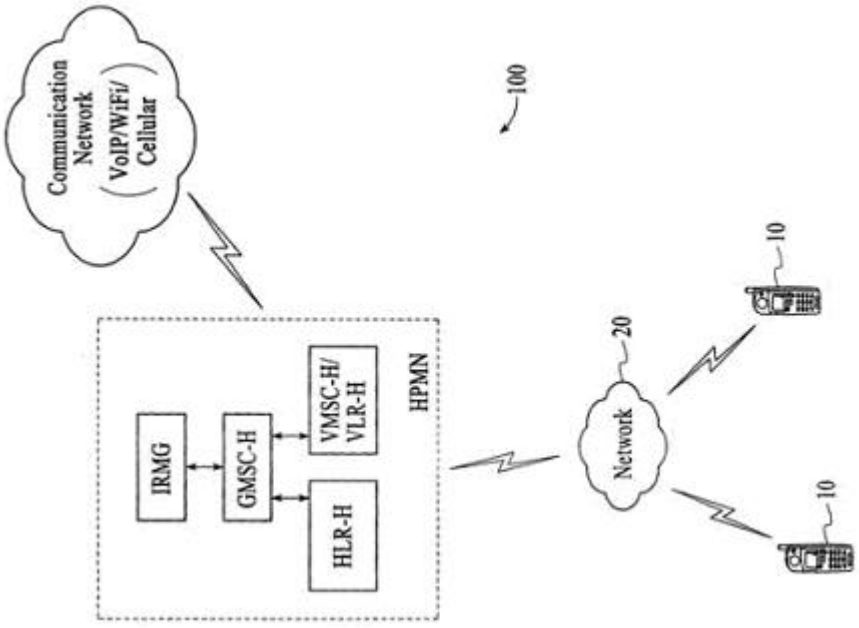
(54) Title of the invention : INTEGRATED CELLULAR VoIP FOR CALL REROUTING

(51) International classification	:H04L12/06 G01S5/02 H04B7/185
(31) Priority Document No	:60/547,389
(32) Priority Date	:23/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/005724 :23/02/2005
(87) International Publication No	:WO2005/081862A2
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ROAMWARE, INC
Address of Applicant :3031 Tisch Way, Suite 1000,San Jose, CA 95128, U.S.A.
(72)**Name of Inventor :**
1)JIANG, YUE JUN

No of Pages : 37
No of Claims : 43

(57) Abstract :
Integrated Cellular Voice over Internet Protocol ("VoIP") systems ("ICV system") are described that redirect or reroute wireless network voice and data traffic to roaming subscribers via VoIP networks. The ICV system monitors roaming links of a first communication system. The first communication system may include a home network and a visited network. The ICV system detects a mobile device registering with the visited network. The ICV system receives location information corresponding to a location of the mobile device (figure. 1,10) and selects a routing number corresponding to the location. The ICV system uses the selected routing number to transfer calls received at the home network to the mobile device via a second communication system.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2004

(21) Application No.1122/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED SCREW DRIVER

(51) International classification :B25B15/00
(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 :1, SHANTIVAN APARTMENT NEAR SWIMING POOL, TILAKWADI, NASHIK-2, Maharashtra India
(72)**Name of Inventor :**
1)GATKAL PRASHANT

No of Pages : 16
No of Claims : 4

(57) Abstract :
This invention relates to a dismantalable universal screw driver for fixing and removing screw means from a substrate, comprising, - a replaceable metal bar (1) having a first end (1a) and a second end (1b0,the first end (1a) being configured in registration with the screw head of a screw to be fixed or removed from a substrate; - an insulated handle (2) having an in built first end (2a) to socketably accommodate said second end (1b) of the metal bar (1), and a second end constituting a holed projection.(2b); - a fastening means (3,4); and - a foldable spherical knob (5) having an inbuilt fixing means (5a), said fastening means (3,4) detachably attaching the insulated handle (2) and the foldable spherical knob (5).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2006
(21) Application No.1141/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EYE DROPS CONSISTING OF FILTERED CLAYEY WATER FOR TREATING GLAUCOMA

(51) International classification :A61K33/00
(31) Priority Document No :0402464
(32) Priority Date :09/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000393
Filing Date :18/02/2005
(87) International Publication No :WO 2005/097143
(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 :64,rue Compans, F-75019 Paris, France
(72)**Name of Inventor :**
1)NEUMANN,Armand

No of Pages : 5
No of Claims : 2

(57) Abstract :
The invention concerns eye drops consisting of filtered and purified clayey water. Said eye drops are used for treating glaucoma, to reduce intraocular pressure.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1144/MUM/2004 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : LIQUID CLEANSING COMPOSITIONS

(51) International classification :C07C3/00
(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)MISTRY NIRAJ DHANSUKHLAL

No of Pages : 27

No of Claims : 13

(57) Abstract :
The present invention provides for a liquid cleansing composition comprising: 5 to 25% by weight of soap, 5 to 20% by weight humectants, balance water; wherein the soap comprises 0.05 to 3% by weight of the composition, salt of unsaturated fatty acid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2001

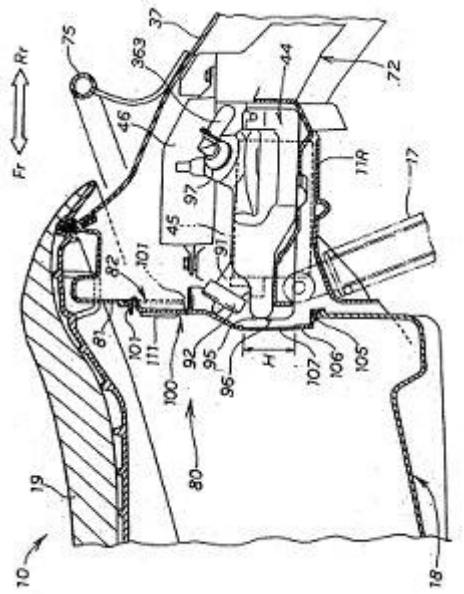
(21) Application No.1159/MUM/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CHECKING APPARATUS FOR VEHICLE

(51) International classification	:B62J9/00B62H1/02	(71)**Name of Applicant :**
(31) Priority Document No	:2001-003123	**1)HONDA GIKEN KOGYO KABUSHIKI KAISHA**
(32) Priority Date	:10/01/2001	Address of Applicant :1-1, Minamiaoyama 2-chome, Minato-ku,Tokyo, Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)HIROYUKI ITO**
Filing Date	:NA	**2)YUICHIRO MORIKAWA**
(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 : 58
No of Claims : 8

(57) Abstract :
To make it possible to perform a supplementing operation rapidly when the liquid amount of a liquid tank is confirmed. A motorcycle 10 includes an accommodation box 18 disposed below a seat 19, and a translucent liquid tank 44 disposed adjacent the accommodatioon box 18. A liquid supplying port 91 of the liquid tank 44 from within the accommodation box 18 is perforated in the accommodation box 18. An openable and closeable checking lid 100 is fitted in the checking hole 82, and a confirmation window 107 through which the liquid amount of the reserve tank 44 can be visually observed is provided in the checking lid 100.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2006
(21) Application No.1179/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SIGNAL ACQUISITION IN PEER-TO-PEER SPREAD-SPECTRUM COMMUNICATIONS

(51) International classification :H04B1/707,H04J13/04
(31) Priority Document No :60/554,535
(32) Priority Date :18/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008740
Filing Date :15/03/2005
(87) International Publication No :WO2005/091518A2
(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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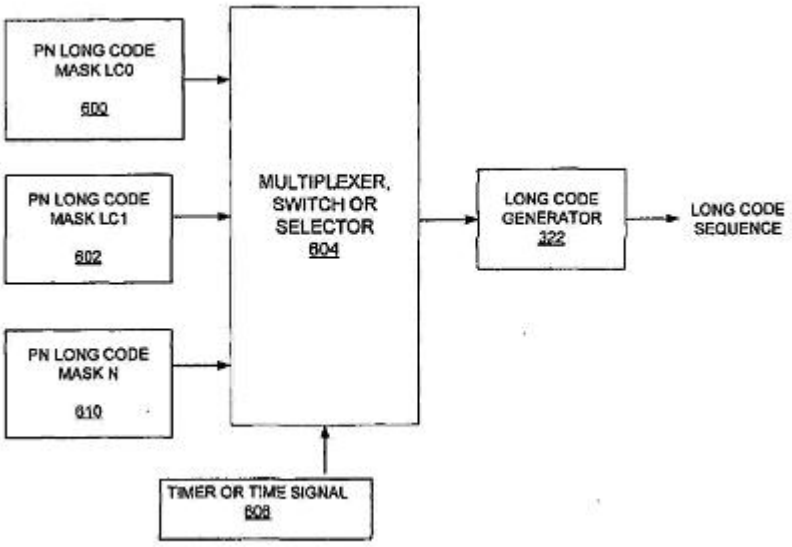
1)QUICK, Roy Franklin, Jr.
2)PFISTER,Henry David

No of Pages : 37
No of Claims : 24

(57) Abstract :
Methods and mobile stations for transmitting, receiving and processing peer-to-peer communication signals without a base station or network element. A transmitting mobile station may alternate two or more long code masks to generate one or more pseudorandom noise (PN) codes to spread data for transmission. A receiving mobile station receives the spread data and achieves synchronization with the transmitting mobile station.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.1185/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PORTABLE INFORMATION CARRIER HAVING TRANSPONDERS

(51) International classification :G06K 19/077
(31) Priority Document No :CH/00732/04
(32) Priority Date :27/04/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2005/051352
Filing Date :26/04/2005
(87) International Publication No :WO2005/104024
(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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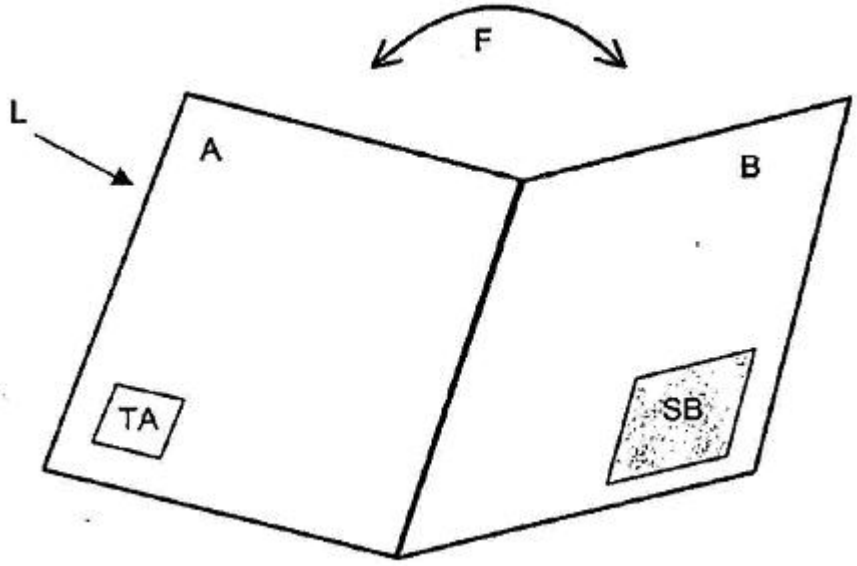
(72)**Name of Inventor :**
1)DROZ Francois

No of Pages : 21
No of Claims : 14

(57) Abstract :
The aim of this invention is to propose a portable information carrier equipped with a transponder capable of being activated and deactivated during the use of said information carrier without having recourse to a specific device for actuation. This aim is reached by a portable information carrier comprising at least two substantially planar parts (A, B) articulated to each other forming an assembly in which one part can be superimposed on the other, the first part (A) includes a transponder (TA) arranged on the plane of said part (A), the second part (B) includes a shielding element (SB) that extends over all or part of said part (B), said transponder (TA) intended to be read by means of a suitable reader that transmits an electromagnetic signal activating the transmission of a response from said transponder (TA), characterized in that said transponder (TA) of the first part (A) is positioned facing the shielding element (SB) of the second part (B) when both parts are superimposed preventing the activation of the transponder (TA) by absorption of the signal transmitted by the reader, said activation being carried out when said parts are moved aside from each other, letting appear the transponder (TA) distant from the shielding element (SB).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2006
(21) Application No.1186/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CIRCULATION DEVICE FOR A ROTARY COMPRESSOR, ROTARY COMPRESSOR AND METHOD FOR OPERATING THE SAME

(51) International classification	:F04D29/10 F04D29/12
(31) Priority Document No	:04405170.4
(32) Priority Date	:19/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP2005/002820 :07/03/2005
(87) International Publication No	:WO2005/090793
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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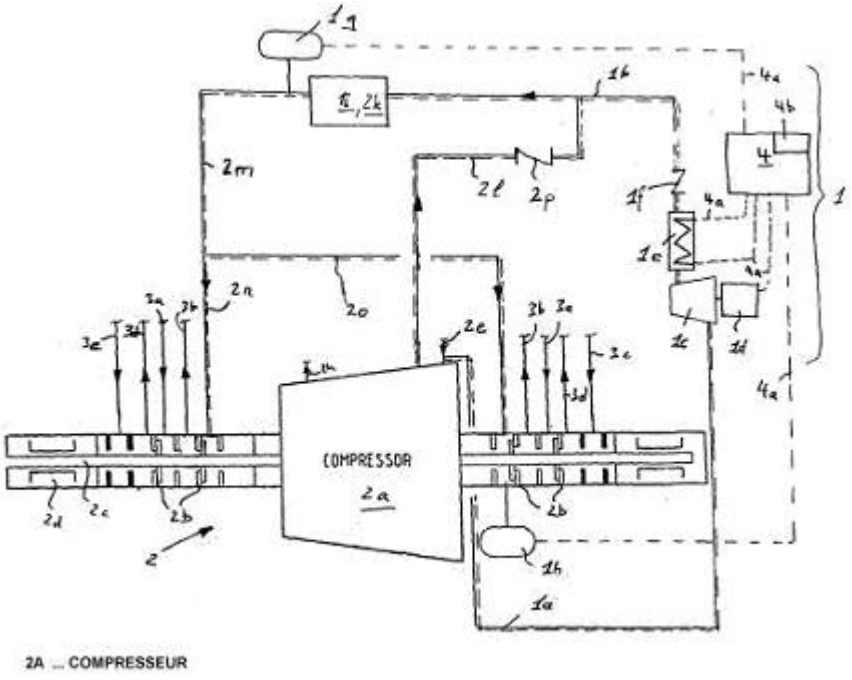
(72)**Name of Inventor :**
1)WEBER, Ariel,Nic
2)MULLER,Hermann

No of Pages : 17
No of Claims : 14

(57) Abstract :
The invention relates to a circulation device (1) for transporting sealing gas into the sealing chamber of dry gas sealing devices (2b) of a rotary compressor (2a). Said circulation device comprises a line (la, lb) forming a fluid path for connecting the device (1) to a sealing gas circuit, and a compressor (lc) and a heating device (le) which are connected to the line (la, lb) in such a way as to guide the fluid. Said circulation device also comprises a control device (4) for controlling the compressor (lc) and the heating device (le).



2A ... COMPRESSEUR

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2006
(21) Application No.1193/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING FAST MODE DECISIONS IN VIDEO CODECS

(51) International classification :H04N 7/26
(31) Priority Document No :60/552,156
(32) Priority Date :11/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008044
Filing Date :09/03/2005
(87) International Publication No :WO2005/088975A1
(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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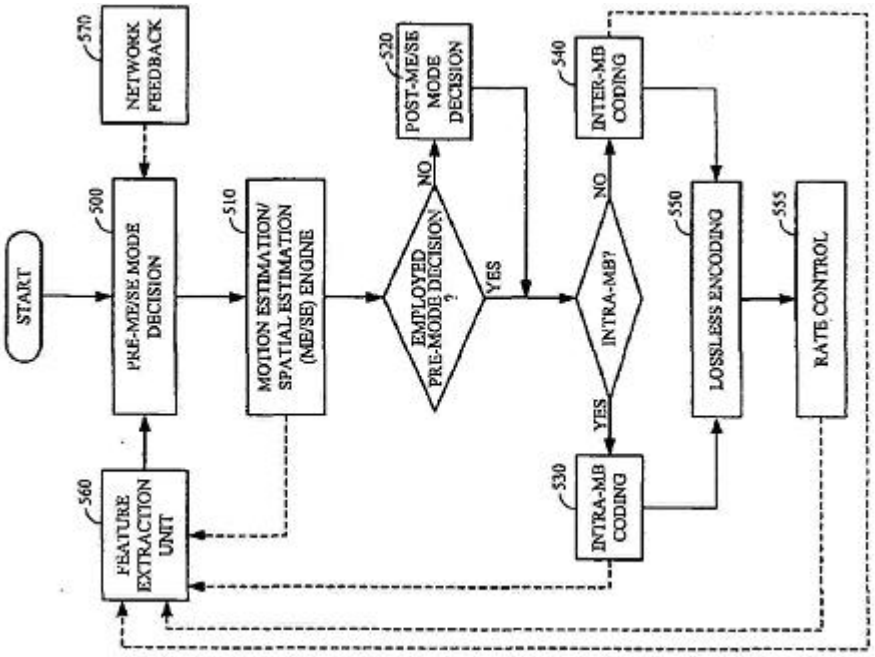
(72)**Name of Inventor :**
1)LIANG, YI
2)EL-MALEH, Khaled Helmi

No of Pages : 28
No of Claims : 28

(57) Abstract :
Methods and apparatus are presented for reducing the computational complexity of coding mode decisions by exploiting the correlations across spatially and/or temporally close coding mode decisions. A Mode decision for a current macroblock is based on the mode decisions of spatially and/or temporally close macroblocks.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2006
(21) Application No.1195/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A NOVEL MODULAR TYPE II RESTRICTION ENDONUCLEASE, CSPCI, AND THE USE OF MODULAR ENDONUCLEASES FOR GENERATING ENDONUCLEASES WITH NEW SPECIFICITIES

(51) International classification	:C12N9/22 C12N15/55
(31) Priority Document No	:60/555,796
(32) Priority Date	:24/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/029824
Filing Date	:23/03/2005
(87) International Publication No	:WO2005/094516A2
(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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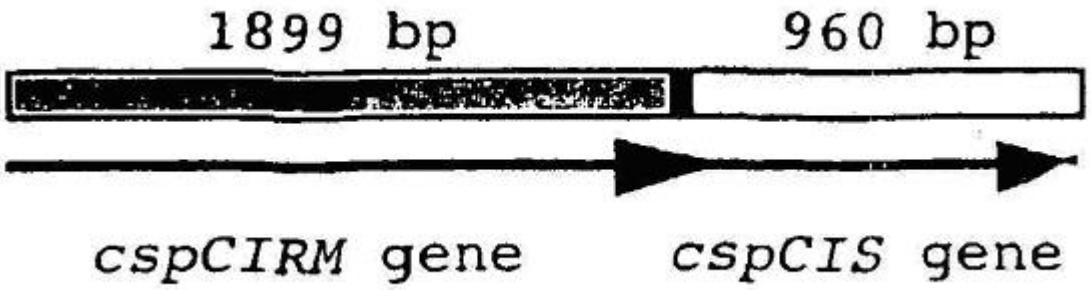
(72)**Name of Inventor :**
1)RICHARD MORGAN
2)Geoffrey Wilson
3)Keith Lunnen
4)Daniel Heiter
5)Jack Benner
6)Celine Nguefue Nkenfou
7)Stephen Picone

No of Pages : 87
No of Claims : 15

(57) Abstract :
A novel restriction endonuclease and methods of making the same are obtainable from either Citrobacter species 2144 or the recombinant stain Escherichia coli which leaves at nt sequence 5'=CAANNNNNGTGG-3' (SEQ ID NO: 14) in double-stranded DNA molecules. The novel restriction endonuclease is a modular protein in which the specificity moiety is an independent module from the restriction-modification module.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2006
(21) Application No.1219/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR CONSTRUCTION AND USE OF KLUYVEROMYCES LACTIS PROMOTER VARIANTS IN K. LACTIS THAT SUBSTANTIALLY LACK E.COLI TRANSCRIPTIONAL CAPABILITY

(51) International classification	:C12P21/06 C12N1/18
(31) Priority Document No	:60/560,418
(32) Priority Date	:08/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/011858 :08/04/2005
(87) International Publication No	:WO2005/100586A2
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :240 County Road, Ipswich, MA 01938, U.S.A.
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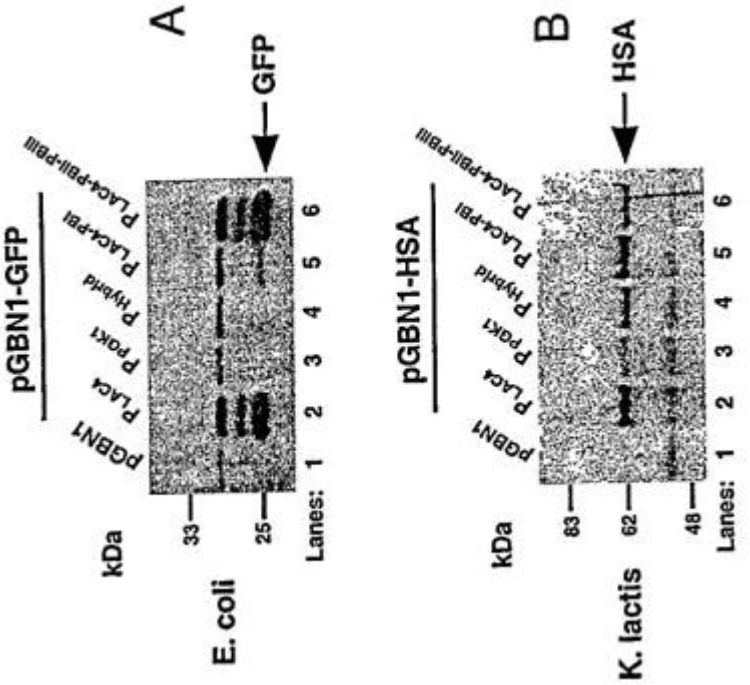
1)Christopher Taron
2)Paul Colussi

No of Pages : 39
No of Claims : 25

(57) Abstract :
Methods and compositions are provided relating to production of recombinant protein in yeast. A modified PLAC4 is described where one or more mutations may be introduced into the Pribnow box-like sequences in the promoter. The modified promoter when placed upstream of a target gene in a vector causes a significant reduction of target gene expression in transformed bacteria but produces efficient expression of the target gene in yeast.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2006
(21) Application No.1227/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PURIFIED INTERLEUKIN-15/FC FUSION PROTEIN AND PREPARATION THEREOF

(51) International classification	:C07K1/18 C07K1/22
(31) Priority Document No	:04008906.2
(32) Priority Date	:14/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP2005/003887 :13/04/2005
(87) International Publication No	:WO2005/100394
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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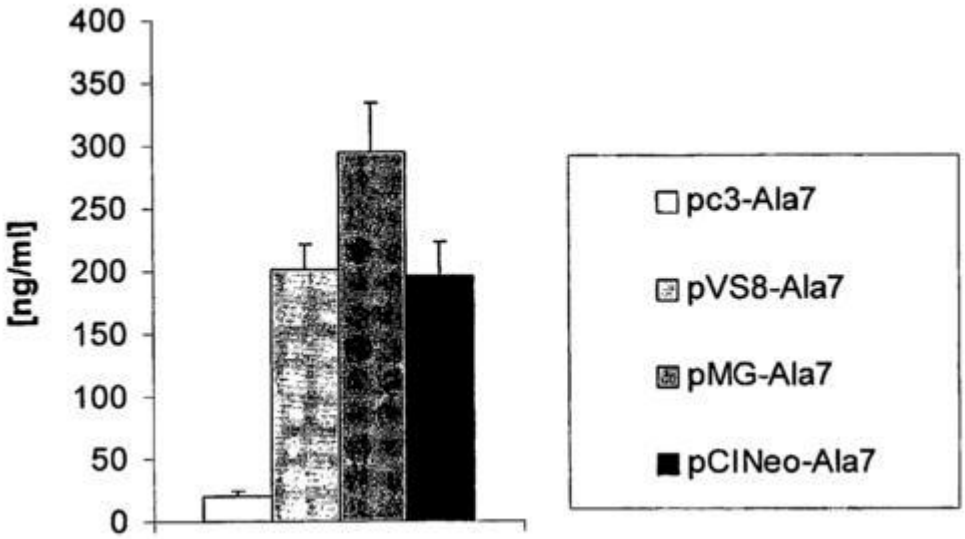
(72)**Name of Inventor :**
1)HERRMANN, ANDREAS

No of Pages : 82
No of Claims : 17

(57) Abstract :
The present invention relates to a process for purifying an interleukin-15/Fc fusion protein from a composition, which process comprises a) applying the composition to an affinity chromatography column and eluting a first IL-15/Fc eluate from the column and b) applying the eluate of step a) to an ion exchange chromatography column and eluting a second IL-15/Fc eluate from the column; and to a purified interleukin-15/Fc fusion protein and a composition, in particular a pharmaceutical composition, comprising such a fusion protein.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006
(21) Application No.1231/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUPRACONDUCTIVE CABLE AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :H01B 12/12
(31) Priority Document No :04009730.5
(32) Priority Date :23/04/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP05/004420
Filing Date :22/04/2005
(87) International Publication No :WO2005/104143A1
(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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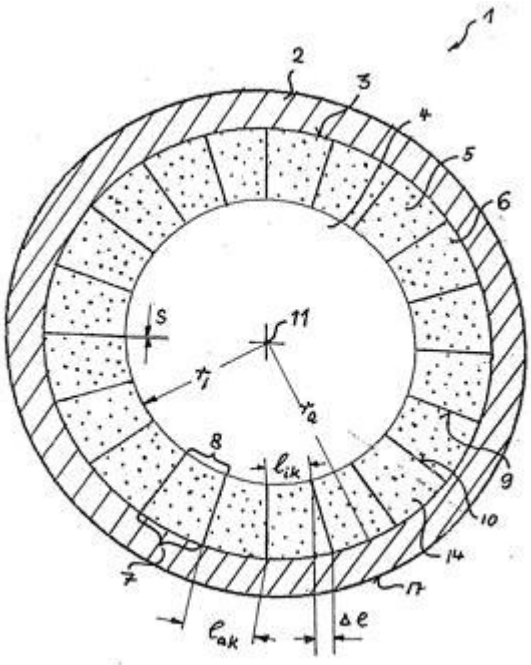
(72)**Name of Inventor :**
1)FISCHER EGBERT
2)KHODGHIBAGIYAN HAMLT
3)KOVALENKO ALEXANDER
4)MORITZ GEBHARD

No of Pages : 29
No of Claims : 16

(57) Abstract :
The invention relates to a superconducting hollow cable and to a method for the production thereof. The superconducting hollow cable (1) has an outer tube (2) which has a circular inner cross-section and a cylindrical inner wall (3). In addition, the superconducting hollow cable (1) has a central cooling channel (4) of a polygonal or circular cross-section that is, however, smaller than the inner cross-section of the outer tube (2). Arranged between the outer tube (2) and the cooling channel (4) are profiled superconducting wires (5). These profiled superconducting wires (5) have a cross-sectional profile which corresponds to a key stone as known for Roman stone bridges or for groin vaults. For the purpose, the cross-sectional profile has at least one outer region (7) of curvature and an inner region (8), the outer region (7) of curvature being matched to the inner radius of the outer tube (2) and the inner region (8) being matched to the cooling channel (4). The side edges (12,13) too can be profiled either rectilinearly towards the centre-point (11) of the cooling channel (4) or by means of an offset from that rectilinearity.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2006

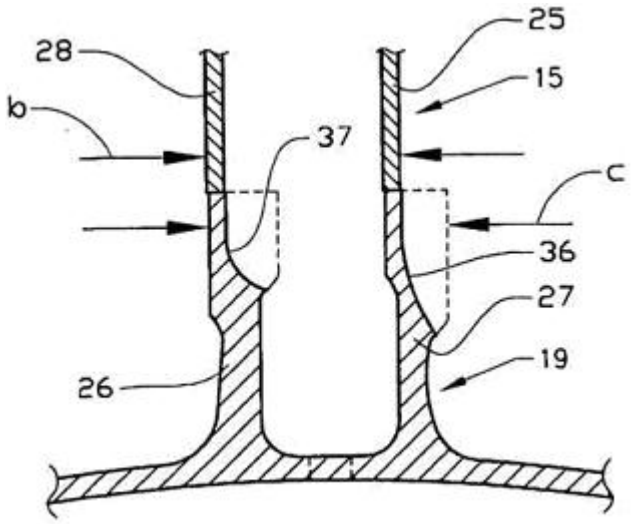
(21) Application No.1233/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A SUPPORT STRUCTURE IN A TURBINE OR COMPRESSOR DEVICE AND A METHOD FOR ASSEMBLING THE STRUCTURE

(51) International classification	:F01D 17/16	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)VOLVO AERO CORPORATION**
(32) Priority Date	:NA	Address of Applicant :S-461 81, TROLLHATTAN, Sweden
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:PCT/SE2004/000824	**1)MARKE GUNNAR**
Filing Date	:27/05/2004	**2)ANDREASSON JAN-ERIK**
(87) International Publication No	:WO2005/116405A1	**3)JOHANSSON BO**
(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 : 9

(57) Abstract :
The present invention relates to a support structure and a method for assembling a support structure in a turbine or compressor engine for rotatably supporting a rotor member (2) in a stator member (1). The support structure includes an inner ring, an outer ring and a plurality of struts (15) which extend radially between the inner ring and the outer ring. The inner ring has integrated portions projecting in the direction of the struts and forming end connections for the struts. The integrated end connecting portions (19) of the inner ring are together with the ring made by a metal alloy having initially oversized cross sectional dimensions relative to the cross sectional dimensions of corresponding strut, followed by working at least one lateral surface for removing material. The purpose is to achieve final dimensions and position to conform to the cross sectional dimensions and correct position of each corresponding strut (15).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2006
(21) Application No.1241/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AMMOXIDATION OF A MIXTURE OF KETONES TO ACETONITRILE AND HYDROGEN CYANIDE

(51) International classification :C07C253/24 C07C253/26
(31) Priority Document No :09/320, 937
(32) Priority Date :27/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/13374
Filing Date :16/05/2000
(87) International Publication No :WO 00/73261A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001,01474/MUM
Filed on :23/11/2001

(71)**Name of Applicant :**
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1)MICHAEL J. SEELY
2)SANJAY GODBOLE
3)DEV D. SURESH

No of Pages : 15
No of Claims : 3

(57) Abstract :
A process increasing the yield of both HCN and acetonitrile produced during the manufacture of acrylonitrile comprising introducing a hydrocarbon selected from the group consisting of propylene and propane, a crude ketone and/or a mixture of at least two ketones, ammonia and air, into a reaction zone containing an ammoxidation catalyst, reacting the hydrocarbon, the ketone, ammonia and oxygen over said catalyst at an elevated temperature to produce acrylonitrile, hydrogen cyanide and acetonitrile, and recovering the acrylonitrile, hydrogen cyanide and acetonitrile from the reactor

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2006
(21) Application No.1242/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MODEL SEMI-ACTIVE VEHICLE SUSPENSION SYSTEM

(51) International classification	:B60G17/018 B60G17/08
(31) Priority Document No	:60/565,512
(32) Priority Date	:27/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014134
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/105490
(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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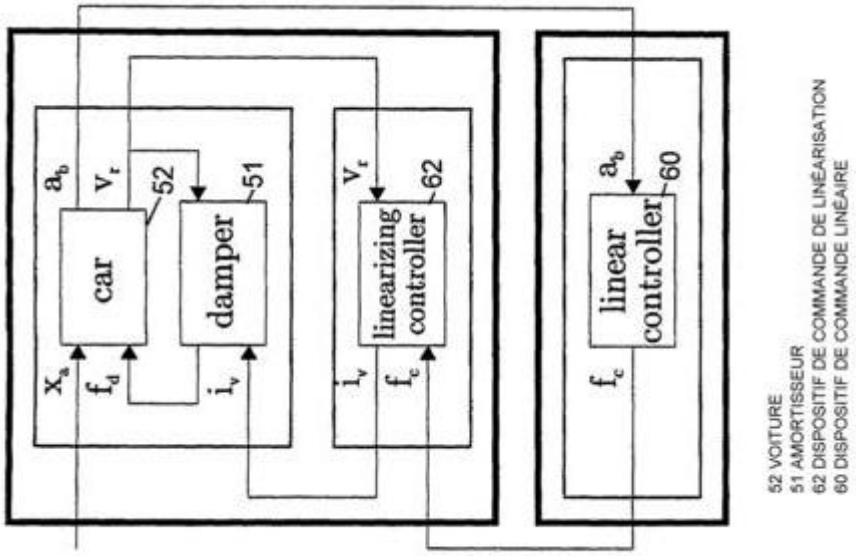
Address of Applicant :500 North field Drive, Lake Forest, Illinois 60045, U.S.A.
(72)**Name of Inventor :**
1)Christophe Lauwerys
2)Jan Swevers

No of Pages : 35
No of Claims : 18

(57) Abstract :
A method for controlling a shock absorber system of a vehicle that includes a plurality of controlled shock absorbers (20) linearizes the system. The method includes transforming original control inputs of the shock absorbers into virtual damper force input signals based on a bilinear damper characteristic. The system dynamics are then decoupled into modal components using static decoupling matrices, and the system is controlled with a linear decentralized controller.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2006
(21) Application No.1243/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WRITE-ONCE-TYPE RECORDING MEDIUM, RECORDING APPARATUS AND METHOD FOR THE SAME, REPRODUCING APPARATUS AND METHOD FOR THE SAME AND COMPUTER PROGRAM.

(51) International classification	:G11B 20/12
(31) Priority Document No	:2004-082527
(32) Priority Date	:22/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/004620
Filing Date	:16/03/2005
(87) International Publication No	:WO2005/091291A1
(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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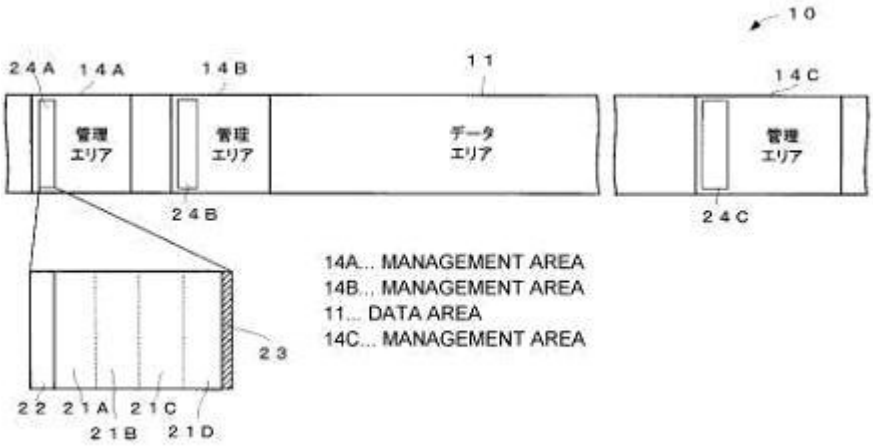
(72)**Name of Inventor :**
1)Masayoshi YOSHIDA
2)Takeshi KODA

No of Pages : 92
No of Claims : 27

(57) Abstract :
A write once type recording medium (10) is provided with a data area (11) ro record threrin record data; and a plurality of management areas in which a plurality of types of management information for managing the record data and index information for indicating newest management information can be recorded a plurality of times, each of the plurality of management areas having a setup area for recording therein a management information block including a plurality of types of management information constructed from the newest management information and the index information indicating the plurality of types of management information constructed from the newest management information.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2006
(21) Application No.1254/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : UNIVERSAL MEDICATION CARRIER

(51) International classification :H04Q9/00
(31) Priority Document No :60/565,220
(32) Priority Date :24/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042572
Filing Date :15/12/2004
(87) International Publication No :WO 2005/109948A2
(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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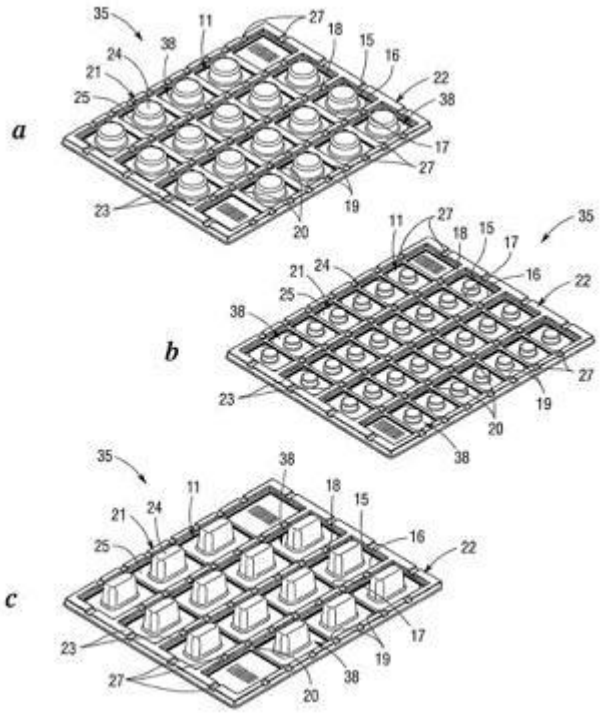
1)BOGASH, Robert, C
2)BOSSI, Christopher, E
3)PAPP, Mary, Anne
4)VEREB, Christopher, J
5)DOWNEY, Harvey, E
6)GRAFIUS, Gerald, R.
7)ROGERS, David, C
8)COON, Dennis

No of Pages : 38
No of Claims : 53

(57) Abstract :
A medication carrier for administering individual doses of therapeutic products to a patient, in a non-sequential fashion. The medication carrier comprises a receptacle which stores individually sealed, unit does packages in random order, allowing each unit dose package to be easily accessed and released in response to automated or manual extraction. The medication carrier includes an array of stalls and retaining means for securing the sealed unit dose packages within the stalls until a scheduled dosing time. The unit dose packages are oriented such that identifies imprinted thereon can be easily read without removing the packages from the carrier.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2006
(21) Application No.1268/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : REAL-TIME ENTRY AND VERIFICATION OF PIN AT POINT-OF-SALE TERMINAL

(51) International classification :G06F17/60
(31) Priority Document No :10/889,789
(32) Priority Date :13/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024179
Filing Date :11/07/2005
(87) International Publication No :WO 2006/017144A2
(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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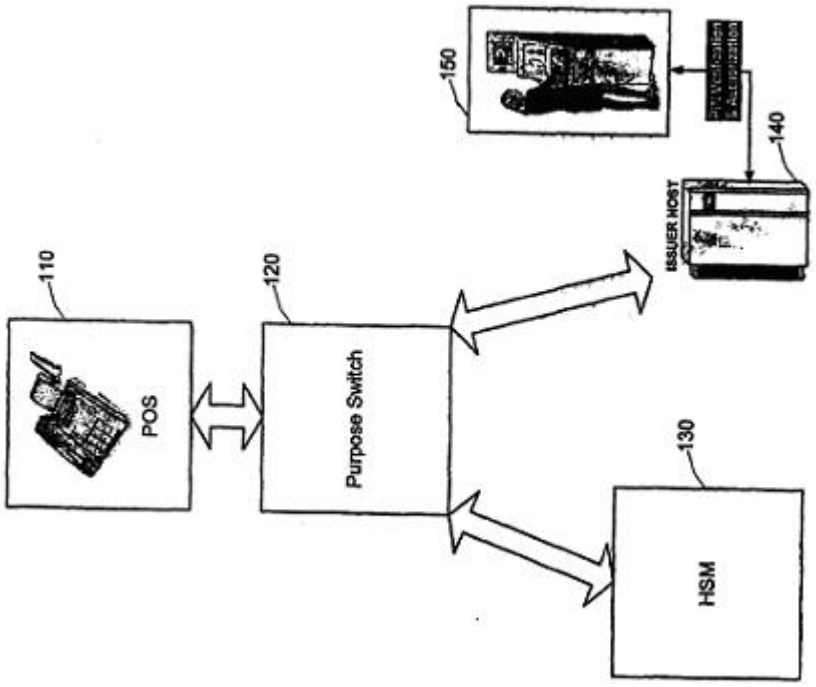
(72)**Name of Inventor :**
1)FOSS, Sheldon, H, Jr.

No of Pages : 18
No of Claims : 19

(57) Abstract :
For financial transactions requiring PIN verification, the customer can now select his ot her own number at the time of applying for the financial transaction instrument or account. The customer enters the PIN which is then encrypted using a transaction unique encryption scheme. The customer then re-enters the PIN which is once again encrypted using a transaction unique encryption scheme. As a result, two blocks of data are created for the same PIN, yet the encrypted values of the blocks are different. These bocks are provided to a central security system which can reverse the encryption process to a point at which it can generate an offset based on the received blocks. If the PINs were identically entered, the offsets will be equal, otherwise the offsets will not be equal. Thus, this technique allows a customer to select and enter his or her own PIN code, and have the PIN code, entry verified by the system without the system actually knowing the value of the PIN code.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2006

(21) Application No.1270/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 2-METHYLTHIAZOLIDINE-2, 4-DICARBOXYLIC ACID-CONTAINING COMBINATION PREPARATIONS

(51) International classification	:A61K31/425 A61P35/00
(31) Priority Document No	:10 2004 021 658.4
(32) Priority Date	:03/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/000810
Filing Date	:02/05/2005
(87) International Publication No	:WO2005/105062A2
(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)AMTMANN, Eberhard

No of Pages : 24
No of Claims : 11

(57) Abstract :
The invention relates to a combination preparation of 2-methylthiazolidine-2,4-dicarboxylic acid and/or physiologically acceptable salts thereof and at least one cytotoxic and/or cytostatic compound as well as the use of these combination preparations for the treatment of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2006

(21) Application No.1287/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR MANUFACTURING A DIANOSTIC TEST STRIP

(51) International classification :G01N 27/30
(31) Priority Document No :60/571, 046
(32) Priority Date :14/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/016723
Filing Date :13/05/2005
(87) International Publication No :WO2005/114160A1
(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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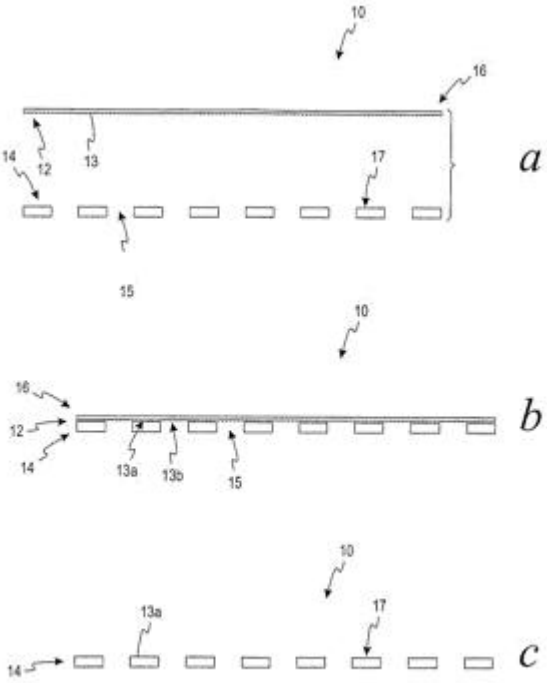
(72)**Name of Inventor :**
1)STEVEN C. CHARLTON
2)SUNG-KWON JUNE

No of Pages : 19
No of Claims : 22

(57) Abstract :
A method for manufacturing a diagnostic test strip is disclosed according to one embodiment. The method includes the acts of providing an application sheet (16) having a plurality of adhesive dots (13) thereon, providing a first substrate layer (14) having at least one feature (15) located thereon, and providing a second substrate layer. The method further including the acts of transferring at least one of the plurality of adhesive dots located on the application sheet to the first substrate layer, aligning the first substrate layer with the second substrate layer, and attaching the first substrate layer and the second substrate layer using the transferred adhesive dots, wherein the attaching of the! first and second substrate layers is performed without any additional alignment.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2006
(21) Application No.1291/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DERIVES OF 14.15-DIHYDRO 20.21-DINOREBURNAMENIN-14-OL, AND APPLICATIONS THEREOF

(51) International classification :C07D461/00
(31) Priority Document No :0403873
(32) Priority Date :14/04/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000902
Filing Date :14/04/2005
(87) International Publication No :WO2005/103047A1
(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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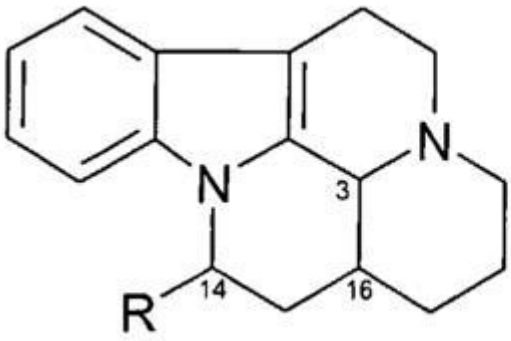
2)DEYON, Laurence
3)WERMUTH, Camille-Georges
4)PUJOL, Jean-Francois
5)WEISSMANN, Dinah

No of Pages : 47
No of Claims : 27

(57) Abstract :
The invention relates to novel derivatives of 14,15-dihydro 20,21 dmorebumamenin-14-ol, having formula (I) in which R represents a radical –AR' wherein A represents a heteroatom and R' represents a group selected from the group comprising alkyl radicals in C_1-C6, alkenyls at C_1-C6, alkynyls at C_1-C6, arylalkyls; esters having formula -R_1-CO-O-R_2; amides with formula -R_3-CO-NZY, wherein Y and Z together can form a cycloalkyl radical or a heterocyclic radical, optionally substituted by one or more alkyl radicals; a radical selected from the group comprising alkyl radicals, alkenyls or alkynyls, substituted by at least one amine with formula. -NZY; or one of-the pharmaceutically-acceptable salts thereof, including the isomers, enantiomers and diastereoisomers thereof and mixtures of same. The invention also relates to the use of said novel derivatives for the preparation of a pharmaceutical composition which is intended, in particular, for the treatment and/or prevention of depression, sleep-wake cycle disorders and symptomatic frontal disorders in cognitive components among humans.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2006
(21) Application No.1294/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MEMBRANES AND ELECTROCHEMICAL CELLS INCORPORATING SUCH MEMBRANES

(51) International classification :H01M2/14
B01D69/12
(31) Priority Document No :60/567,437
(32) Priority Date :04/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000663
Filing Date :03/05/2005
(87) International Publication No :WO2005/106992A1
(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)NGO, Tran
3)DJILALI, Ned
4)STUKAS, Anna
5)SCHROOTEN, Jeremy

No of Pages : 43
No of Claims : 45

(57) Abstract :
One aspect of the invention provides an ion-conducting membrane comprising an ion-conducting region and a non-ion-conducting region. The ion-conducting region is formed by a plurality of ion-conducting passageways that extend through the membrane. The passageways are filled with ion-conducting material and may be surrounded by non-ion conducting material. The membrane may comprise a substrate of non-ion-conducting material that is penetrated by openings, each opening providing a corresponding one of the passageways.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2006
(21) Application No.1311/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR WASTE STABILISATION AND PRODUCTS OBTAINED THEREFROM

(51) International classification :B09B3/00 C02F1/62
(31) Priority Document No :200402001-2
(32) Priority Date :08/04/2004
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2005/000117
Filing Date :07/04/2005
(87) International Publication No :WO 2005/097368 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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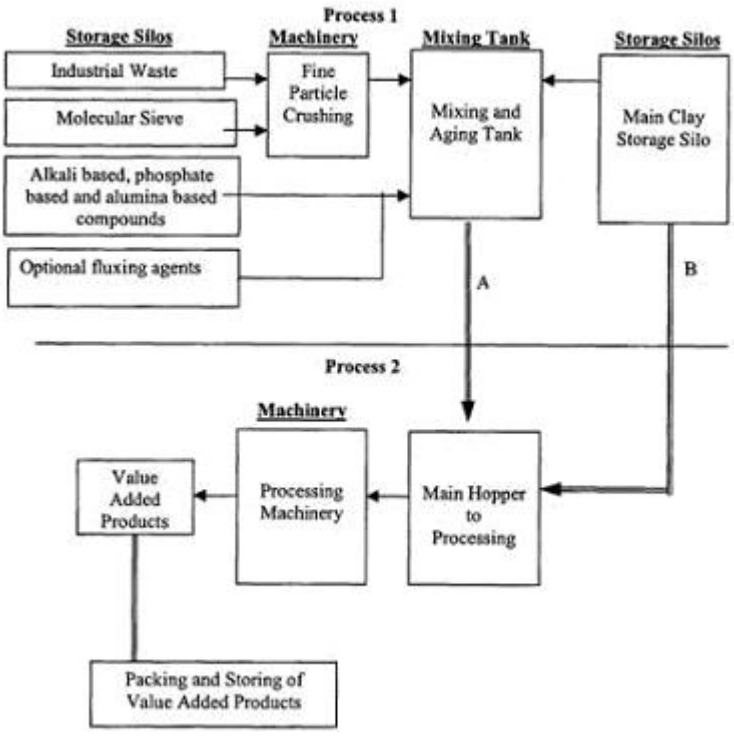
2)Hsing Loong TAN
3)Danmei WANG

No of Pages : 53
No of Claims : 54

(57) Abstract :
A method is provided for heavy metal stabilisation comprising: mixing waste, comprising heavy metals, with molecular sieve with the proviso that carbon-based molecular sieve is excluded, and clay; and vitrifying the mixture. In particular, a method comprising the steps of: preparing a pre-stabilised mixture by mixing waste, comprising heavy metals, with the molecular sieve, and optionally other chemicals; mixing the pre-stabilised mixture with clay; and vitrifying the obtained mixture is provided. It also provides a product comprising heavy metals that have been stabilised into the structure of the clay-based ceramic matrix, wherein the product is a vitrified product of a mixture of at least waste, comprising heavy metals, molecular sieve (with the proviso that carbon-based molecular sieve is excluded) and clay.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2006

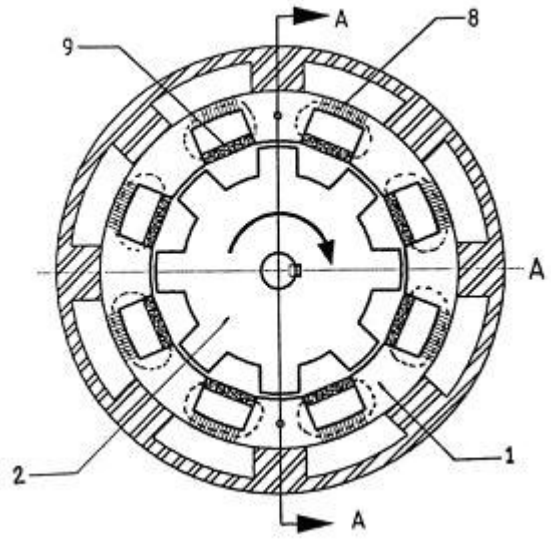
(21) Application No.1323/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HYBRID ELECTRIC RELUCTANCE MOTOR

(51) International classification	:H02K1/12	(71)**Name of Applicant :**
(31) Priority Document No	:PI 0402045-6	**1)JOSE CARLOS TINOCO SOARES JUNIOR**
(32) Priority Date	:12/05/2004	Address of Applicant :AV. INDIANóPOLIS, 995 CEP-04063-001 SAO PAULO, Brazil
(33) Name of priority country	:Brazil	**2)OSCAR ROLANDO AVILA CUSICANQUI**
(86) International Application No Filing Date	:PCT/BR2004/000208 :25/10/2004	(72)**Name of Inventor :**
(87) International Publication No	:WO2005/107356A2	**1)ROLANDO AVILA CUSICANQUI OSCAR**
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to to Application Number Filing Date	:NA :NA	

No of Pages : 25
No of Claims : 7

(57) Abstract :
Hybrid electric reluctance motor, characterized by the fact of its having an arrangement with coils (8) in opposition and permanent magnets (9) in opposition and in parallel with the coils (8) in the stator and/or rotor (2); when the coils (8) of the motor's stators and/or rotors (2) are energized, the magnetic fluxes or fields of the magnets (9) combine with the magnetic fluxes or fields of the coils (8) in the air gap, thus producing a greater torque due to the magnetic flux or field contribution of the magnets (9); the motor's stators and/or rotors (2) are de-energized, the magnetic fluxes or fields of the magnets (9) enter the toroid (1) in relation and in proportion to the same flux reduction in the coils (8) in function of time as a result of the current reduction in function of time.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2006

(21) Application No.1352/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DIRECT PRINTING METHOD AND APPARATUS

(51) International classification :G06F 3/12
(31) Priority Document No :10-2004-0033522
(32) Priority Date :12/05/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001184
Filing Date :25/04/2005
(87) International Publication No :WO2005/109173A1
(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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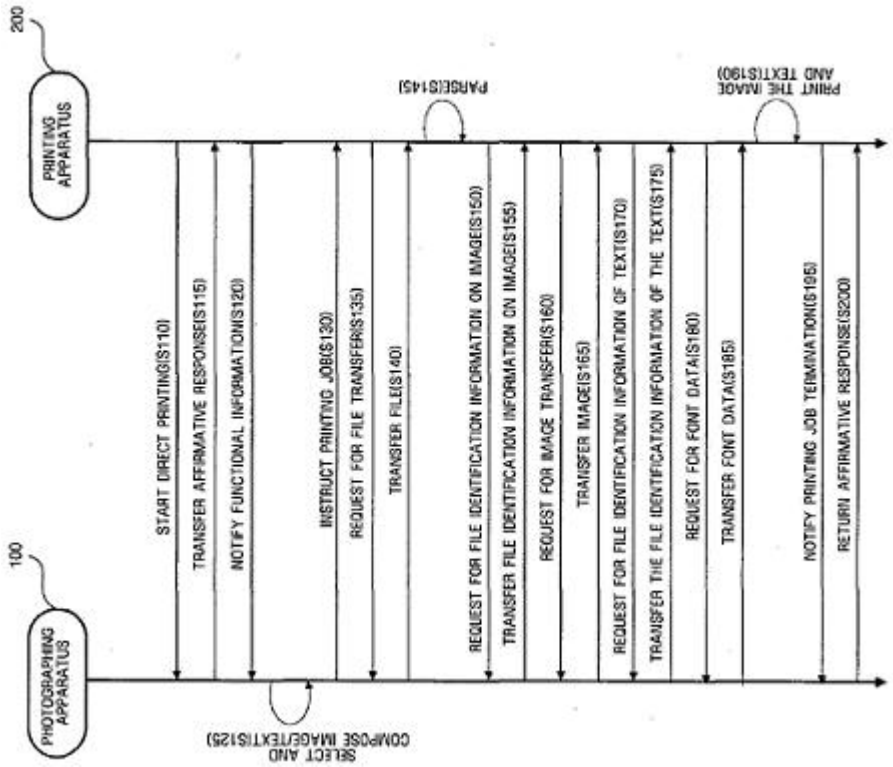
(72)**Name of Inventor :**
1)RYU, Seok
2)LEE, Kwang-chul
3)RHIM, Eun-hee

No of Pages : 32
No of Claims : 17

(57) Abstract :
A direct printing method and for printing multimedia data including an image and text are provided. The direct printing method includes composing hyperlink information on image data to be printed by an image supplying apparatus and text using a predetermined markup language, transferring the markup document resulting from the composing to a printing apparatus directly connected with the image supplying apparatus via a predetermined interface to perform a direct printing job, and transferring font data corresponding to the text data to the printing apparatus in response to a request from the printing apparatus. Multimedia data including text and an image can be printed by performing the direct printing job.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2006
(21) Application No.1353/MUMNP/2006 A
(43) Publication Date : 25/05/2007

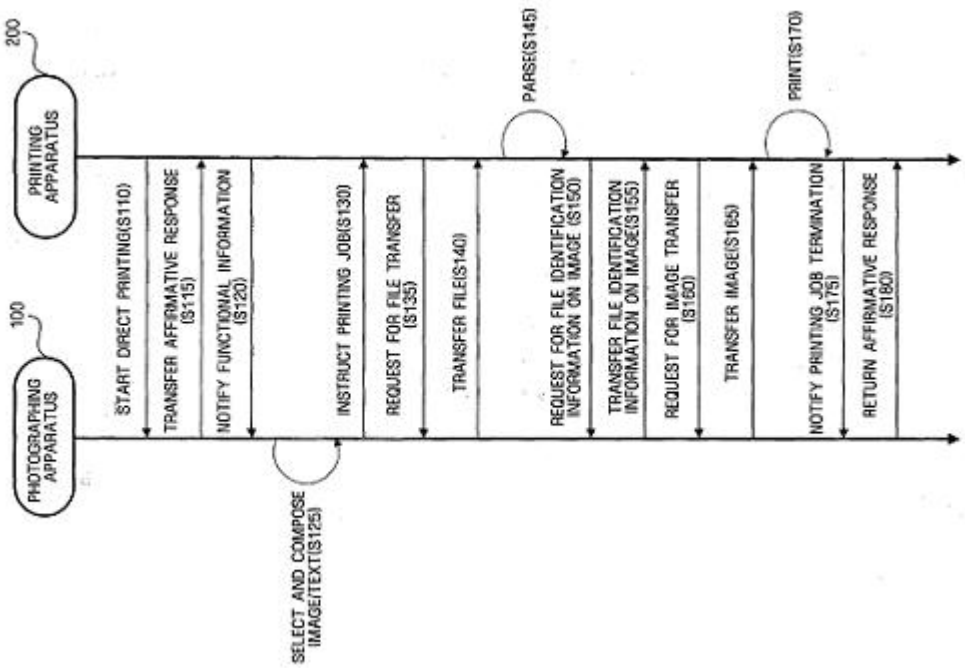
(54) Title of the invention : METHOD OF PROVIDING MULTIMEDIA DATA FOR DIRECT PRINTING, DIRECT PRINTING METHOD AND APPARATUS THEREOF

(51) International classification :G06F 3/12
(31) Priority Document No :10-2004-0033534
(32) Priority Date :12/05/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001084
Filing Date :14/04/2005
(87) International Publication No :WO2005/109172A1
(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, Republic of Korea
(72)**Name of Inventor :**
1)RYU, Seok
2)LEE, Kwang-chul
3)RHIM, Eun-hee

No of Pages : 31
No of Claims : 20

(57) Abstract :
A method of providing multimedia data for direct printing and a direct printing method and apparatus are provided. The method of providing multimedia data for direct printing includes composing hyperlink information on image data to be printed by an image supplying apparatus and text using a predetermined markup language, transferring the markup document resulting from the composing to a printing apparatus directly connected with the image supplying apparatus via a predetermined interface for performing a direct printing job, and transferring the image data to the printing apparatus in response to a request from the printing apparatus. When a direct printing job from a photographing apparatus to a printing apparatus is performed, multimedia data including text and an image can be printed



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2006
(21) Application No.1354/MUMNP/2006 A
(43) Publication Date : 25/05/2007

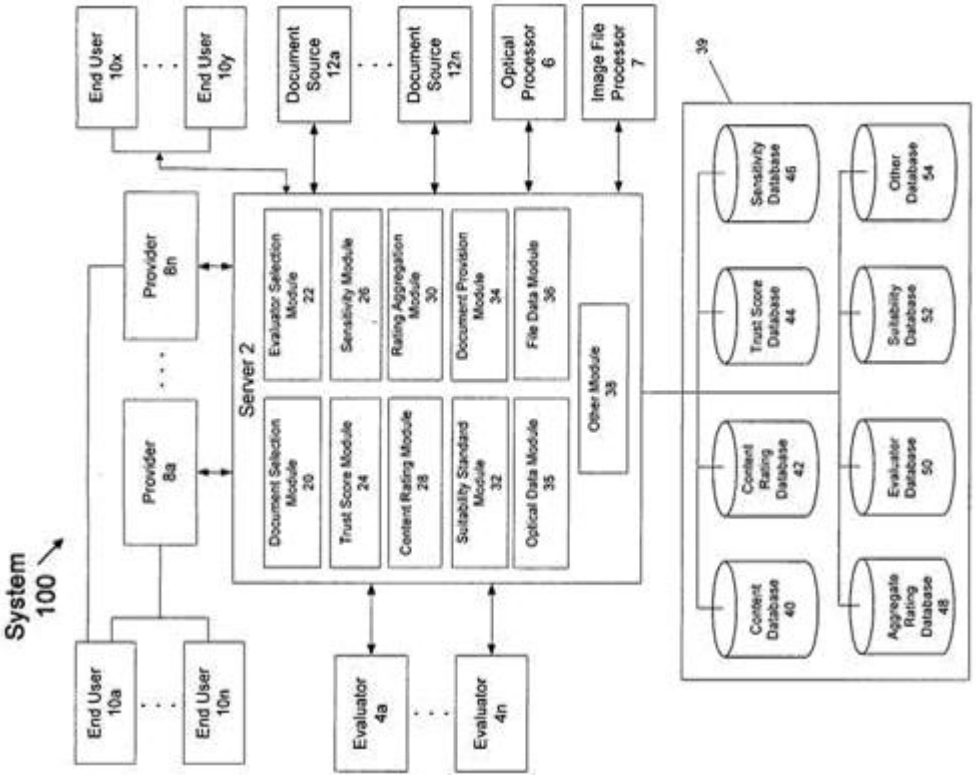
(54) Title of the invention : SYSTEM AND METHOD FOR RATING DOCUMENTS COMPRISING AN IMAGE

(51) International classification :G06F 17/60
(31) Priority Document No :10/841,834
(32) Priority Date :10/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015963
Filing Date :10/05/2005
(87) International Publication No :WO2005/111896A2
(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)GOOGLE INC
Address of Applicant :1600 Amphitheatre Parkway, Building 41, Mountain View CA 94043, U.S.A.
(72)**Name of Inventor :**
1)CHAN, Wesley
2)AGARWAL, Sumit
3)WISEMAN, Leora Ruth

No of Pages : 50
No of Claims : 65

(57) Abstract :
A system and method for rating a document comprising an image are provided. A document is received for distribution. Rating information associated with the document is received from one or more rating entities. At least one of said one or more rating entities comprises a* processor to determine rating information associated with the image. The document is approved for distribution based on the rating information



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2006
(21) Application No.1361/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RADIO COMMUNICATION APPARATUS AND RADIO COMMUNICATION SYSTEM

(51) International classification :H04L 27/22
(31) Priority Document No :2004-140969
(32) Priority Date :11/05/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/007902
Filing Date :26/04/2005
(87) International Publication No :WO2005/109811A1
(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)Kenichi MIYOSHI
2)Akihiko NISHIO

No of Pages : 31
No of Claims : 7

(57) Abstract :
A radio communication apparatus that can more precisely grasp, in a case of using a plurality of antenna elements to receive radio signals, the reception qualities of the respective antenna elements to improve the error rate of received signals. In the apparatus, a lower-order bit likelihood extracting part (107) extracts, based on a multi-level modulation scheme of data (ch) notified by a modulation scheme determining part (106), the likelihood of LSB only or the likelihood of LSB to two bits from all bit likelihood received from a bit likelihood calculating part (104), and then inputs the extracted likelihood to a distribution calculating part (108), which is then calculates the distribution of the likelihood for each antenna element.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2006
(21) Application No.1362/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WINDOW FRAME FOR AIRCRAFT

(51) International classification :B64C 1/14
(31) Priority Document No :10 2004 025 383.8
(32) Priority Date :24/05/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/005608
Filing Date :24/05/2005
(87) International Publication No :WO2005/115841A1
(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)AIRBUS DEUTSCHLAND GMBH
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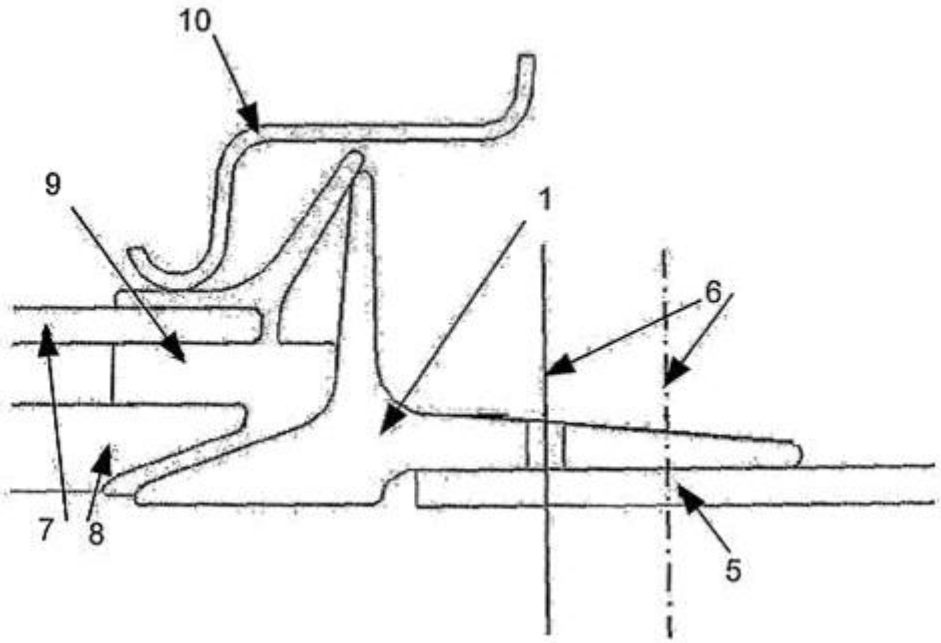
(72)**Name of Inventor :**
1)BOLD, Jens

No of Pages : 11
No of Claims : 3

(57) Abstract :
With a window frame (1) for installation in the exterior shell (5) of an aircraft, which comprises at least one outer flange (2), an inner flange (3) and a vertical flange (4) arranged perpendicular to and between these flanges and in which on the inner (3) and vertical flanges (4) a window element (7,8) to be held is attached, which is fixed in its position with a down holder (10) connected with the window frame (1), the downholder (10) comprises a fiber-reinforced synthetic resin material. The layer structure of the downholder corresponds to a quasi-isotropic plate and a semifinished part comprising web and thermoplastic material is made as a quasi-isotropic sheet material and this is transformed in a deep drawing process into the net shape of the downholder.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2006
(21) Application No.1374/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL DRY MINERAL PIGMENT CONTAINING CALCIUM CARBONATE, AQUEOUS SUSPENSION CONTAINING SAID PIGMENT, AND THE USES THEREOF

(51) International classification :C09C 1/02
(31) Priority Document No :04/06320
(32) Priority Date :11/06/2004
(33) Name of priority country :France
(86) International Application No :PCT/IB05/002408
Filing Date :08/06/2005
(87) International Publication No :WO2005/121257A2
(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)OMYA DEVELOPMENT AG
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(72)**Name of Inventor :**
1)BURI, MATTHIAS
2)BURKHALTER RENE
3)HALDEMANN PETER

No of Pages : 27
No of Claims : 50

(57) Abstract :
The invention concerns a process for manufacturing a dry mineral pigment containing a product formed in situ by the multiple reaction between a calcium carbonate and the product or products of reaction of the said carbonate with one or more moderately strong to strong H30+ ion donators and the product or products of reaction of the said carbonate with gaseous CO_2 formed in situ and/or originating from an external supply and one or more compounds of formula R-X together with the mineral pigment obtained by the process, and its applications in the field of paint and/or plastics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2006
(21) Application No.1378/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : GUANYLHYDRAZONE SALTS, COMPOSITIONS, PROCESSES OF MAKING AND METHODS OF USING

(51) International classification :A61K 31/17
(31) Priority Document No :60/582,532
(32) Priority Date :25/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022626
Filing Date :27/06/2005
(87) International Publication No :WO2006/004613A3
(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)CYTOKINE PHARMASCIENCES INC.
Address of Applicant :Walnut Hill Plaza, 150 South Warner Road, Suite 420, King of Prussia PA 19406 U.S.A.
(72)**Name of Inventor :**
1)SIELECKI-DZURDZ, Thais, M.

No of Pages : 107
No of Claims : 20

(57) Abstract :
The invention relates to pharmaceutically acceptable salts of guanylhydrazone-containing compounds, for example, Semapimod. The invention also relates to pharmaceutically acceptable compositions comprising the salts and methods for their use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2006
(21) Application No.1381/MUMNP/2006 A
(43) Publication Date : 25/05/2007

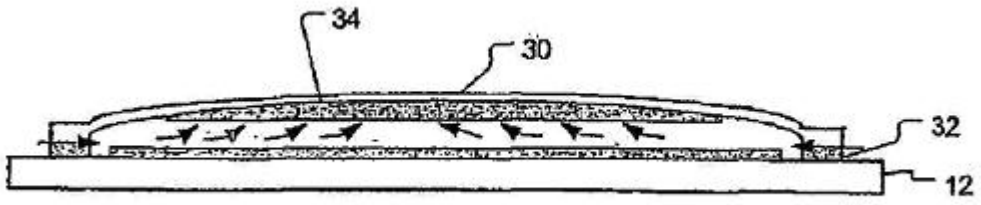
(54) Title of the invention : PACKAGING FOR AN INTERFEROMETRIC MODULATOR

(51) International classification :G02B26/00
(31) Priority Document No :10/844,819
(32) Priority Date :12/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013464
Filing Date :20/04/2005
(87) International Publication No :WO2005/114294 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)IDC, LLC
Address of Applicant :2415 Third Street, San Francisco, california 94107, U.S.A.
(72)**Name of Inventor :**
1)Lauren, PALMATEER
2)James, Brian, GALLY
3)William J., CUMMINGS
4)Manish, KOTHARI
5)Clarence, CHUI

No of Pages : 17
No of Claims : 46

(57) Abstract :
A package is made of a transparent substrate (12) having an interferometric modulator (10) and a back plate (30). A non-hermetic seal (32) joins the-back plate to the substrate to form a package, and a desiccant (34) resides inside the package. A method of packaging an interferometric modulator includes providing a transparent substrate and manufacturing an inteferometric modulator array on a backside of the substrate. A back plate is provided and a desiccant is applied to the back plate. The back plate is sealed to the backside of the substrate with a back seal in ambient conditions, thereby forming a package.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2006
(21) Application No.1405/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TRANSLATORY MANIPULATOR, PROCESSING LINE AND METHOD OF PROCESSING WORK PIECES

(51) International classification	:B65G49/04
(31) Priority Document No	:102004030377.0
(32) Priority Date	:23/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP05/006864
Filing Date	:21/06/2005
(87) International Publication No	:WO2006/000439A1
(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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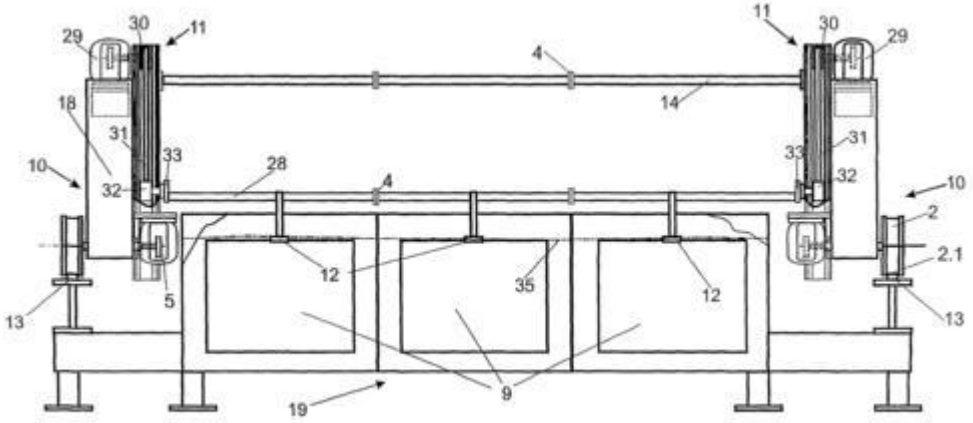
(72)**Name of Inventor :**
1)SCHNEIDER, REINHARD

No of Pages : 24
No of Claims : 25

(57) Abstract :
The present invention relates to a low-cost manufacturable translatory manipulator for conveying work pieces in processing stations in a vertical conveyorized processing line that may be readily adapted to changing circumstances without having to completely redesign the processing line. The manipulator comprises at least one traveling element (10) that is displaceable along a guide means connecting at least two processing stations for the work pieces (9), at least one hoisting element (11) as well as at least one gripper element (12) for the work pieces (9) that is mounted to said hoisting elements (11). The hoisting elements (11) and the gripper elements (12) mounted thereon are extendable in a modular fashion so that the hoisting elements (11) extend across a plurality of rows of processing stations and that work pieces (9) held in the stations may be respectively grasped by the gripper elements (12).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2006
(21) Application No.1408/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD AND APPARATUS TO REDUCE UNDESIRED AMPLITUDE MODULATION

(51) International classification :H04L25/03
(31) Priority Document No :10/844,156
(32) Priority Date :12/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/004753
Filing Date :02/05/2005
(87) International Publication No :WO2005/109806A1
(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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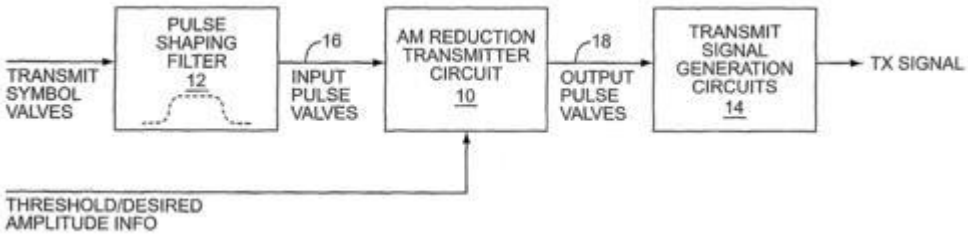
Address of Applicant :SE-164 83 Stockholm, Sweden
(72)**Name of Inventor :**
1)BRIGHT, RANDALL

No of Pages : 21
No of Claims : 36

(57) Abstract :
A transmit circuit reduces undesired amplitude modulation (AM) in transmit signal pulses by substituting predetermined amplitude information for actual pulse amplitude information during portions of the pulse corresponding to nominally constant amplitudes. For example, GMSK and certain other modulation formats use a desired transmit pulse shape that includes a nominally flat middle portion. An exemplary AM reduction circuit detects generated pulse values corresponding to the nominally constant-amplitude portions of the transmit pulse and substitutes predetermined, preferably constant, amplitude values in their place. As such, the circuit may include a comparator used to detect the pulse values corresponding to variable amplitude portions of the pulse, which it passes through, and to detect those amplitude values corresponding to constant-amplitude portions of the pulse, which it replaces with substituted values. Such operation may include amplitude value filtering, and such operations may be modal, e.g., performed in dependence on modulation mode, etc.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2006
(21) Application No.1409/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AUTHENTICATION OF MOBILE COMUNICATION NETWORKS

(51) International classification :H04Q7/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/006077
Filing Date :04/06/2004
(87) International Publication No :WO2005/120113A1
(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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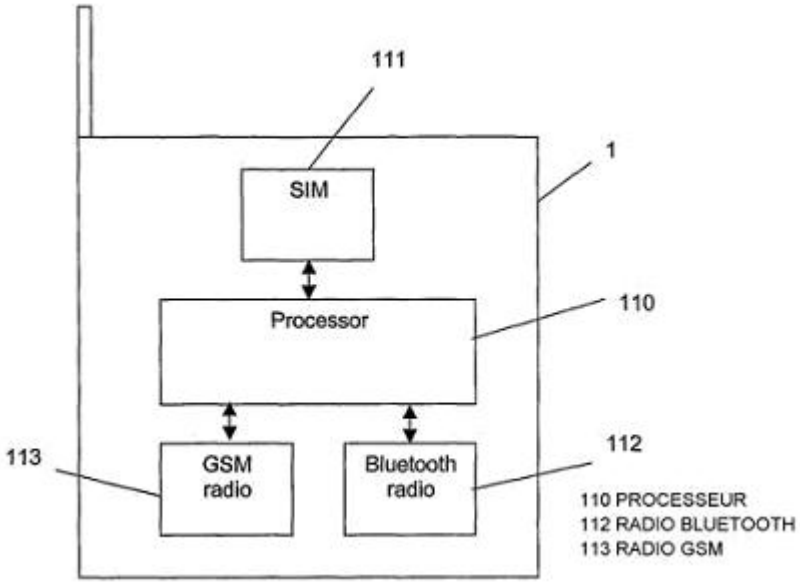
1)NYLANDER, TOMAS
2)VIKBERG, Jari
3)OHMAN, Lars, Peter

No of Pages : 27
No of Claims : 19

(57) Abstract :
A mobile station is adapted to communicate with a core network portion of a mobile communications network via an unlicensed radio access network. The mobile station has a SIM card adapted to generate a unique response word using at least a key unique to the mobile station and a fixed length random number. The mobile station includes processing circuitry and unlicensed radio interface circuitry coupled to the processing circuitry. This circuitry is adapted to generate a fixed-length random number, calculate a first response word with the SIM card on the basis of the generated random number, formulate and transmit an authentication request to the unlicensed radio access network containing the fixed-length random number, receive an authentication response from the unlicensed radio access network containing a second response word, and compare the calculated first response word with the received second word to authenticate said core network. In this manner, mobile station is able to authenticate the network with an existing second generation SIM card and with minimum modification of its operation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2006
(21) Application No.1429/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR LOSSLESS ENCODING AND DECODING

(51) International classification :H04N7/32
(31) Priority Document No :10-2004-0041399
(32) Priority Date :07/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001683
Filing Date :07/06/2005
(87) International Publication No :WO2005/122592 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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1)LEE, Yung-Lyul
2)HAN, Ki-Hoon
3)LEE, Yung-ki

No of Pages : 35
No of Claims : 15

(57) Abstract :
A lossless moving picture encoding and decoding method and apparatus are provided by which when intra prediction of a block with a predetermined size is performed, the compression ration is increased by using a pixel in a block to be predicted. The lossless moving picture encoding method includes: predicting each of pixel in an M X N block to be predicted by using a pixel in the M X N block closest to the object pixel value in a prediction direction derermined by an encoding mode; and entropy coding a difference between the predicted pixel value and the pixel value to be predicted. According to this method, the compression ration becomes much higher than that of a conventional lossless encoding method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2006
(21) Application No.1435/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS OF COMPENSATING FOR SIGNAL RECEIVING ERROR AT RECEIVER IN PACKET-BASED COMMUNICATION SYSTEM

(51) International classification :H04L27/06
(31) Priority Document No :10/885,649
(32) Priority Date :08/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2005/001006
Filing Date :08/07/2005
(87) International Publication No :WO2006/005255A1
(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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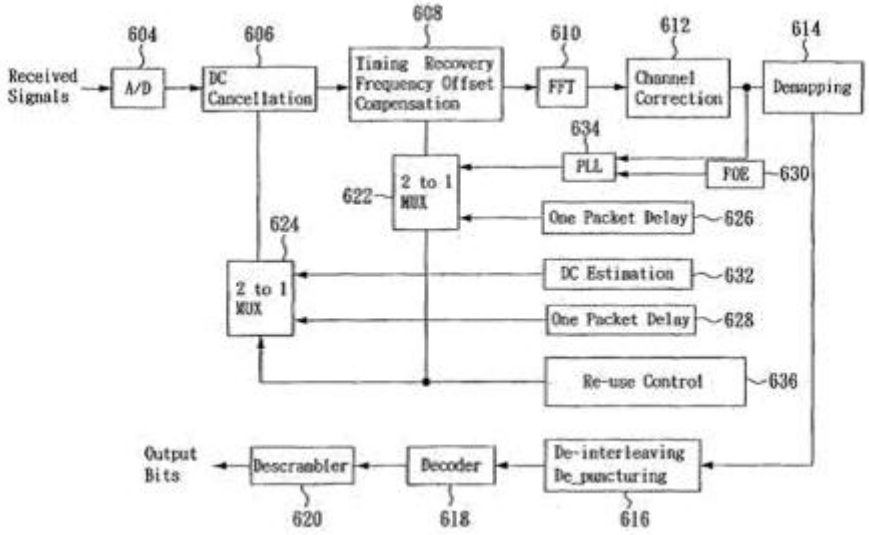
1)JEFF LIN

No of Pages : 23
No of Claims : 20

(57) Abstract :
A method and an apparatus of compensating for a signal receiving error at a receiver in a packet-based communication system. In the invention, frequency offset estimation and DC offset estimation obtained in a current packet are re-used in a next packet if the receiver is an intended recipient of the current packet and the current packet is received correctly, verified by CRC-32 checking in the PHY layer and the DA checking in the MAC layer, respectively. Thereby, the overall receiver performance and stability can be improved from packet to packet and the estimation algorithm is simplified.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2006
(21) Application No.1440/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ARYL SUBSTITUTED OXAZOLIDINONES AS INTERMEDIATES FOR ANTIBACTERIAL AGENTS

(51) International classification :C07D413/06
(31) Priority Document No :0411596.0
(32) Priority Date :25/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002042
Filing Date :24/05/2005
(87) International Publication No :WO 2005/116017A1
(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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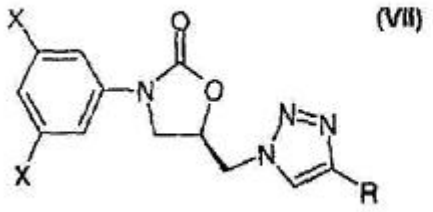
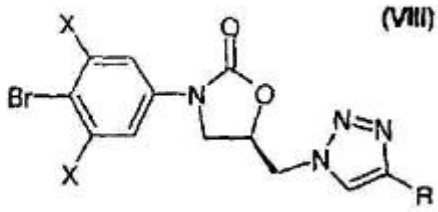
2)CUTHBERT, Murray, Watson
3)HOWELLS, Garnet, Edward
4)MULHOLLAND, Keith, Raymond
5)DUBIEZ, Jerome

No of Pages : 36
No of Claims : 18

(57) Abstract :
A compound of the formula (VIII) wherein each X is independently H or F; and R is selected from hydrogen, halogen, cyano, methyl, cyanomethyl, fluoromethyl, difluoromethyl, trifluoromethyl and –Si[1-4C] alkyl]$_3$; and processes for preparing a compound of formula (VIII) by bromination of a compound of the formula (VII).



(VII)



(VIII)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2006
(21) Application No.1441/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF POLYETHYLENE TEREPHTHALATE COPOLYESTER; COPOLYESTER OBTAINED THEREBY AND ITS USE AND CATALYST USEFUL IN THE PROCESS

(51) International classification :C08G63/83
(31) Priority Document No :04010616.3
(32) Priority Date :05/05/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2005/001577
Filing Date :08/04/2005
(87) International Publication No :WO2005/105888A1
(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)SAMPATH, Venkatanathan
4)AL-LUHAIDAN, Khalid

No of Pages : 31
No of Claims : 19

(57) Abstract :
The present invention relates to a process for the production of polyethylene terephthalate copolyester from terephthalic acid, isophthalic acid and ethylene glycol, comprising the steps of: a) preparing a catalyst composition comprising a zinc compound being present such that the elemental zinc content is in a range of about 50 to about 500 ppm, preferably about 200 to about 500 ppm, most preferably about 180 to about 260 ppm, based on the copolyester, b) placing the catalyst composition, terephthalic acid, isophthalic acid and ethylene glycol in a vessel, and c) reacting the terephthalic acid, isophthalic acid and ethylene glycol in an esterification step and a polycondensation step to obtain polyethylene terephthalate copolyester; to the copolyester obtained thereby and its use, as well as to a catalyst composition suitable in the inventive process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2006

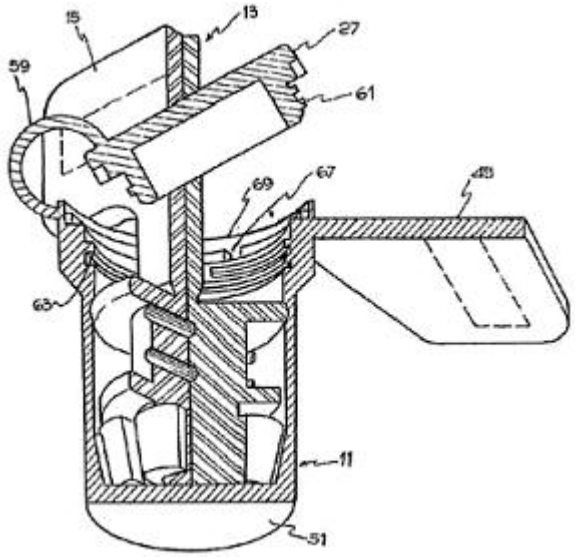
(21) Application No.1462/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TWIST-TYPE SECURITY SEAL

(51) International classification	:G09F3/03	(71)**Name of Applicant :**
(31) Priority Document No	:0414212.1	**1)ROBINSON, Roberto**
(32) Priority Date	:24/06/2004	Address of Applicant :Diaz Velez 4530, B 1605 Munro, AR-Provincia de Buenos Aires, Argentina
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2005/006640	(72)**Name of Inventor :**
Filing Date	:17/06/2005	**1)ROBINSON, Roberto**
(87) International Publication No	:WO2006/000370A1	
(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 : 3

(57) Abstract :
A security seal of the twist-type comprises a housing (11) that contains a revolving stem-like insert (13) having two axially opposed hole (17) positioned in line with guiding holes (19) which extend across the housing wall to receive a locking wire which is sound by turning the revolving stem (13) with a handle (15) solidly fixed to it in a predetermined direction. The revolving stem has a disc-shaped section with an anti-rotational device that comprises six helical teeth (35) engaging with matching shoulders (37) formed on the respectively matching surfaces of the inner wall of the housing to prevent rotation of the stem in the unwinding direction. Included is a lid (27) to cover the stem-like insert once it is in place in the housing, the lid being attached to the housing by means of a breakable strip (59) and an identification code engraved inside the lid, said identification being at least partially identical to an univocal code identification engraved on the housing. Protuberances (57A, 57B) on each side of the housing are provided through which through holes pass so that they are long enough so as to avoid an element introduced in them applying leveraged up-force on the stem-like insert in an attempt to push it upwards. An anti-removal device comprises a retainer ring (21) formed on the stem engages with a groove (23) formed in the housing (11) when the stem is introduced into the body, the side wall of the housing having a weakened section (29) intended to break if someone tries to remove the lid (67). The housing is see-through and looking through its bottom wall (51) it is possible to see the three last digits of the univocal serial number of the security seal, stamped on a tab (45) fixed to the housing.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2006
(21) Application No.1494/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FABRIC CARE COMPOSITION

(51) International classification :C08B37/00
(31) Priority Document No :0412854.2
(32) Priority Date :09/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/004779
Filing Date :03/05/2005
(87) International Publication No :WO2005/121184A1
(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 : 56
No of Claims : 19

(57) Abstract :
The present invention is directed to a polysaccharide-grafted polymer particle containing a lubricant wherein the polysaccharide is preferably a ß-1,4 linked polysaccharide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2006
(21) Application No.1526/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : POLYCATIONIC COMPOUNDS AND USES THEREOF

(51) International classification :C07C233/05
(31) Priority Document No :60/579,282
(32) Priority Date :15/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021323
Filing Date :15/06/2005
(87) International Publication No :WO2005/123660
(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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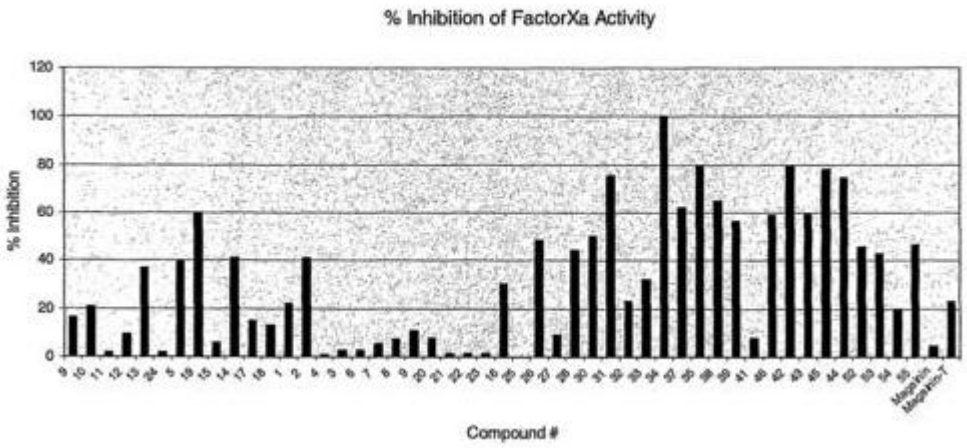
(72)**Name of Inventor :**
1)SHAKER, MOUSA

No of Pages : 51
No of Claims : 24

(57) Abstract :
Aspect of the present invention relate to compound and methods useful in modulating angiogenesis and methods of treating or preventing disease associated with angiogenesis and methods of treating or preventing disease associated with angiogenesis by administering a polycationic compound. The present invention related to method of use and composition for inhibiting angiogenesis mediated disorders in mammals including animals and humans. Additionally, this invention relates to the combined use of polycations with other anti-angiogenesis agents for the treatment of different angiogenesis-mediated disorders. Additionally, those polycationic compounds can be used with various anti-inflammatory and cytotoxic agents as well as with radio-therapeutic agents in cancer patients to prevent and treat tumor growth and metastasis.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2006
(21) Application No.1528/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PACKAGED FIBROUS TOILETTE ARTICLE AND PROCESS

(51) International classification :C11D17/04
(31) Priority Document No :60/579465
(32) Priority Date :14/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/005852
Filing Date :30/05/2005
(87) International Publication No :WO2005/121298A1
(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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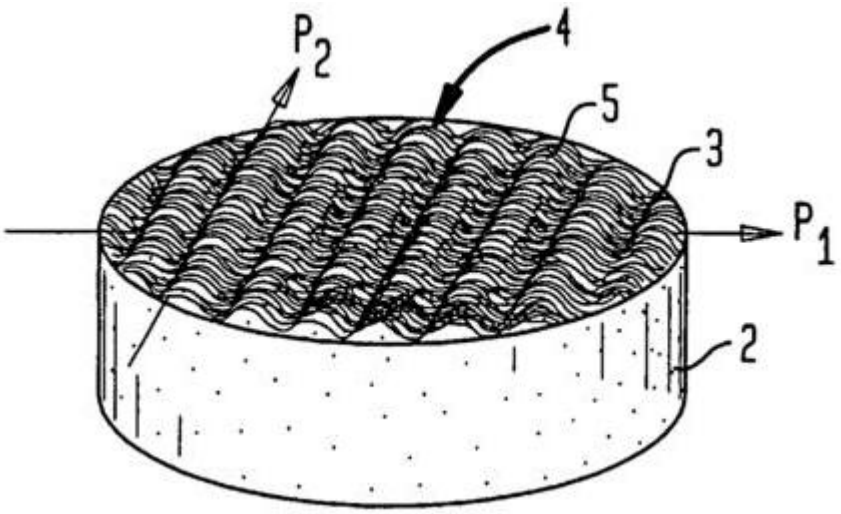
3)KEENAN Diane Marie
4)WILLIAMS David Robert
5)CLARKE Michael Gerard

No of Pages : 40
No of Claims : 9

(57) Abstract :
A cleansing article and process for manufacture is provided, the article being a solid or semi-solid foamable composition joinably penetrating a fibrous web, the combination being molded and held for sale to consumers in a single use disposable sealed plastic receptacle. The receptacle includes indicia printed onto or associated with the plastic receptacle.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2006
(21) Application No.1537/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LIPOSOME PREPARATION CONTAINING SLIGHTLY WATER-SOLUBLE CAMPTOTHECIN

(51) International classification :A61K31/4745,
(31) Priority Document No :2004-181408
(32) Priority Date :18/06/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP05/011158
Filing Date :17/06/2005
(87) International Publication No :WO2005/123078A1
(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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6)IKUO KATO
7)TAKESHI MATSUZAKI

No of Pages : 27
No of Claims : 15

(57) Abstract :
The present invention aims at providing a slightly water-soluble camptothecin liposome preparation with an excellent retention in blood for a drug, which can stably hold a slightly water-soluble camptothecin compound for a long period of time, whereby hydrolysis of an α-hydroxylactone ring in blood is suppressed and the slidhtly water- soluble camptothecin compound is kept in a structure in which the ring is not opened and which makes the compound effective as an antitumor-active drug, and, moreover, the liability of the drug to leave a liposome is advantageously reduced, so that it is possible to maintiain the drug concentration in plasma for a long period of time after administration. The object is achieved by the liposome preparation as described in the specification. The liposome prearation according to the present invention includes a liposome preparation including as lipid components for forming a membrane a phospholipid and a fatty acid, and containing as a drug a lightly water-soluble camptothecin compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2006
(21) Application No.1541/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PURIFICATION OF INSULIN-LIKE MATERIAL BY REVERSE PHASE CHROMATOGRAPHY

(51) International classification :C07K14/62
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2004/1869
Filing Date :24/05/2004
(87) International Publication No :WO05/115303A1
(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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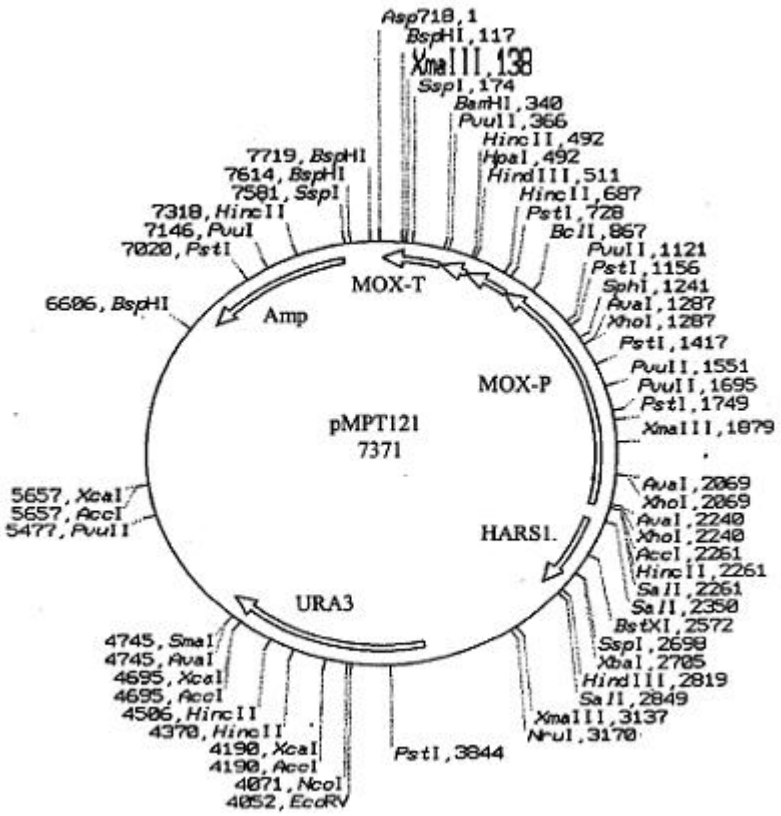
(72)**Name of Inventor :**
1)Sahib, Maharaj K
2)Raju, Edupuganti B
3)Subramaniam, Sivaraman
4)Reddy, Vennapusa R

No of Pages : 15
No of Claims : 25

(57) Abstract :
This invention describes processes for the purification of insulin or insulin-like material by reverse phase chromatography by using polystyrenic resins as the chromatographic materials. In particular the present invention describes processes for the purification of a particular insulin-like material from chemically and structurally similar contaminants.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2006
(21) Application No.1570/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WAVELENGTH DIVISION MULTIPLEX (WDM) OPTICAL DEMULTIPLEXER

(51) International classification :H04J14/02
(31) Priority Document No :MI2004A 001287
(32) Priority Date :24/06/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/052353
Filing Date :23/05/2005
(87) International Publication No :WO2006/000506A1
(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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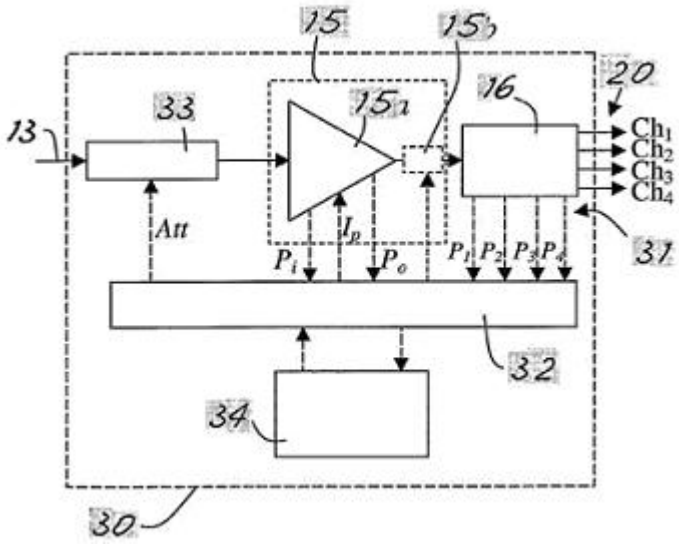
2)SPECIALE, Massimo

No of Pages : 17
No of Claims : 9

(57) Abstract :
An optical demultiplexer (13,30) for wavelength division multiplex WDM optical radiation comprising a plurality of wavelength channels (Ch1...Ch16) spaced over a wavelength spectrum said demultiplexer being for separating the WDM radiation into individual wavelength channels is described. The demultiplexer comprises a first demultiplexer (12) for dividing the WDM radiation into a plurality of sub-bands (Ch1...Ch4, Ch5...Ch8, Ch9...Ch12, Ch13...Ch16) each comprising a plurality of adjacent wavelength channels and each of which appears at a respective output (13) of the demultiplexer (12), and one or more demultiplexer arrangement (30) for separating each sub-band into individual wavelength channels each of which appears at a respective output (20) and is characterised in that the or each demultiplexer arrangement (30) comprises an optical amplifier (15) for optically amplifying all channels of the sub-band; a demultiplexer (16) for separating the channels of the sub-band such that each to appears at a respective output (20); power monitoring means (18) for measuring the power (p1...p4) of each wavelength channel (ch1...Ch4) at the respective output; and control means (34) for controlling operation of the optical amplifier (15) in dependence on the measured power of each wavelength channel such as control the power of each wavelength channel to a predetermined power level.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2006
(21) Application No.1585/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FLUID DISTRIBUTION MANIFOLD

(51) International classification :F02M35/10
(31) Priority Document No :2004902878
(32) Priority Date :01/06/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU05/000744
Filing Date :30/05/2005
(87) International Publication No :WO2005/119044A1
(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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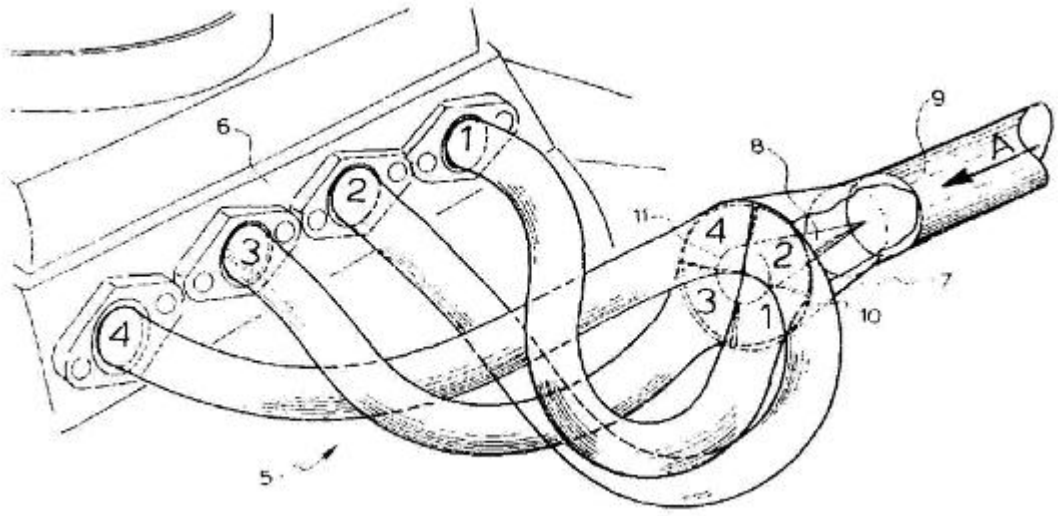
Address of Applicant :1 DOOLAN STREET NAMBOUR QUEENSLAND 4560, Australia
(72)**Name of Inventor :**
1)WESSELS STEPHEN

No of Pages : 12
No of Claims : 20

(57) Abstract :
An intake manifold (1) is disclosed suitable for use with an internal combustion engine. The manifold (1) comprises a set of runners (1,2,3,4) a conical-shaped chamber (7) and a conical-shaped distribution body (8) affixed concentrically within the chamber (7). The chamber (7) has one end (9) affixed to an air intake/throttle body. The other end (10) of the chamber (7) is connected to each of the runners (1, 2, 3, 4) such that the end (10) is evenly divided into four quadrants each quadrant being of the same cross-sectional area. The order connection of the runners (1,2,3,4) to the end (10) is in the firing order of the cylinders 1342. The volume of each runner (1,2,3,4) is identical. The respective ends of the runners (1,2,3,4) immediately adjacent the end (10) of he chamber are curved towards the inlet valve of the respective cylinders they serve. The internal conical distribution body (8) is affixed within the chamber (7) such that its broader end (11) evenly overlaps the runners (1,2,3,4) at their junction with the end (10) is positioned at, or closely to that end (10). The body (8) may be movable axially within the chamber (7).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2006
(21) Application No.1593/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : C1Q FAMILY MEMBER PROTEINS WITH ALTERED IMMUNOGENICITY

(51) International classification :C07K14/78
(31) Priority Document No :60/573,301
(32) Priority Date :21/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017379
Filing Date :17/05/2005
(87) International Publication No :WO 2005/113599A1
(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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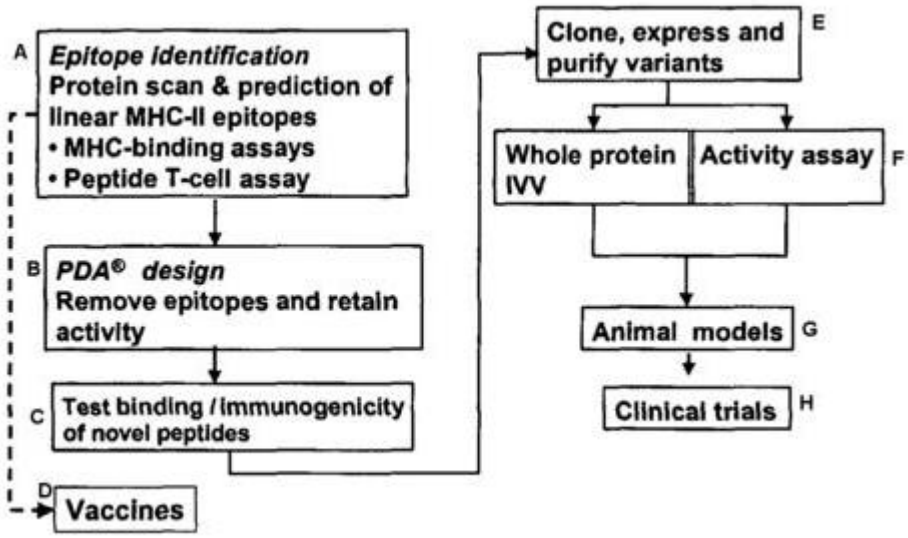
2)MOORE, Gregory, L.
3)CHIRINO, Arthur, J.
4)DESJARLAIS, John, R.

No of Pages : 39
No of Claims : 8

(57) Abstract :
The present invention relates to non-naturally occuring cariant C1q Super Family member proteins with reduced immunogenicity. More specifically, the present invention relates to variant adiponectin adn CTRP1 proteins with reduce immunogenicity.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2006

(21) Application No.1596/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CONTAINER FOR PACKAGING A LIQUID TO BE DISPENSED IN DROPS REVERSIBLY DEFORMED BY AIR INPUT

(51) International classification	:B05B11/04
(31) Priority Document No	:0407042
(32) Priority Date	:24/06/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2005/001791
Filing Date	:24/06/2005
(87) International Publication No	:WO2006/000897A1
(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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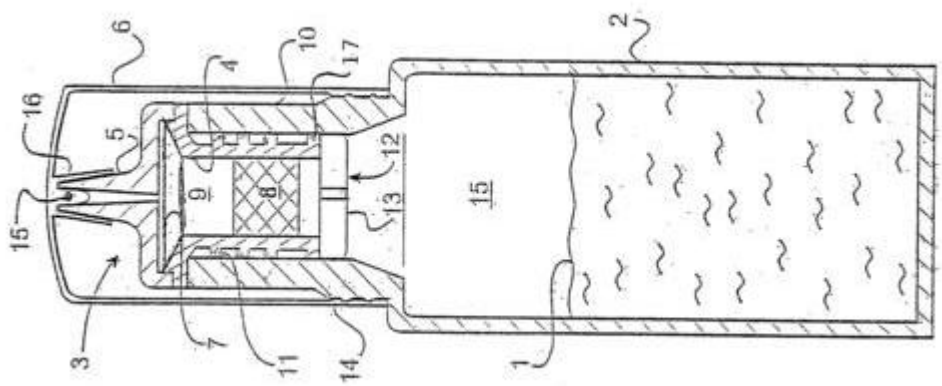
(72)**Name of Inventor :**
1)Faurie Michel

No of Pages : 17
No of Claims : 16

(57) Abstract :
The invention concerns a container for packaging a liquid (1) to be dispensed in drops, said container being reversibly deformed by air drops, said container being reversibly deformed by air input and being equipped with a head (3) for dispensing liquid through a nozzle (5). The latter (3) comprises a recessed body (4) which is nested inside a neck (10) of the container and which holds a hydrophobic microporous pad (8) arranged upstream of a chamber (9). Said chamber (9) provided with an air reservoir for preventing the liquid from passing through the microporous pad between two liquid dispensing operations when the nozzle (5) is sealingly obstructed with a cap (6) and for drying a partly hydrophilic and hydrophobic filtering membrane (7) arranged in the dispensing head (3).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2006

(21) Application No.1617/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PHOSPHORUS - CONTAINING FLAME RETARDANT FOR THERMOPLASTIC POLYMERS

(51) International classification	:C08K5/5313
(31) Priority Document No	:60/581,832
(32) Priority Date	:22/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021726
Filing Date	:20/06/2005
(87) International Publication No	:WO2006/009983A1
(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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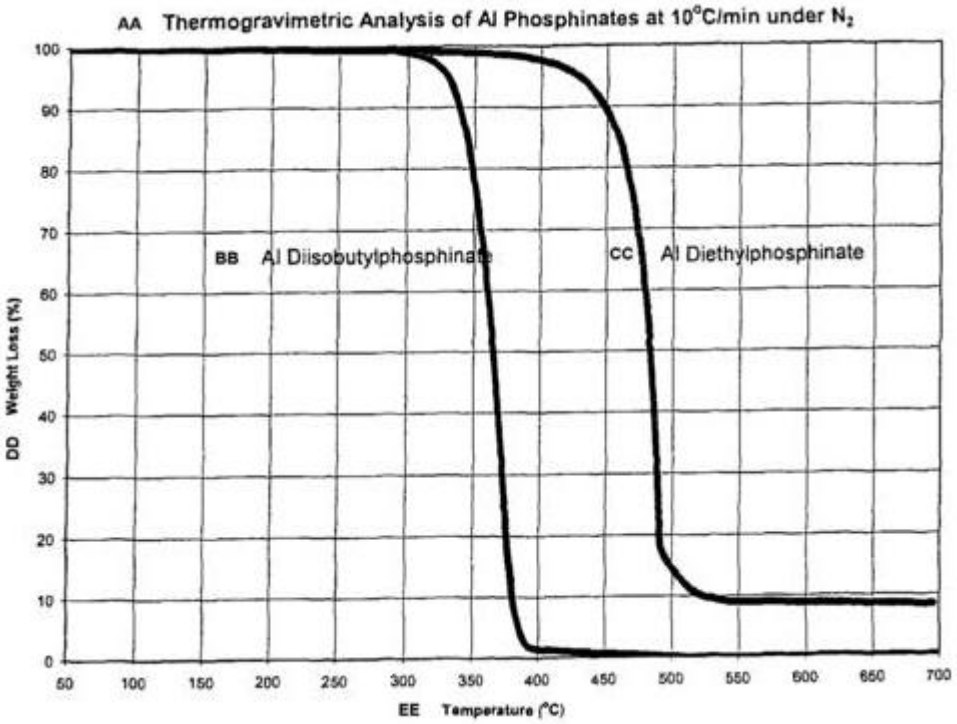
Address of Applicant :ARDSLEY PARK 420 SAW MILL RIVER ROAD ARDSLEY, NY 10502, U.S.A.
(72)**Name of Inventor :**
1)YAO, Qiang
2)LEVCHIK SERGEI V.
3)ALESSIO Gerald R.

No of Pages : 12
No of Claims : 15

(57) Abstract :
A flame retarded thermoplastic polymer composition comprising a thermoplastic polymer and a metal salt of phosphinic acid possessing a desired degree of volatility.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

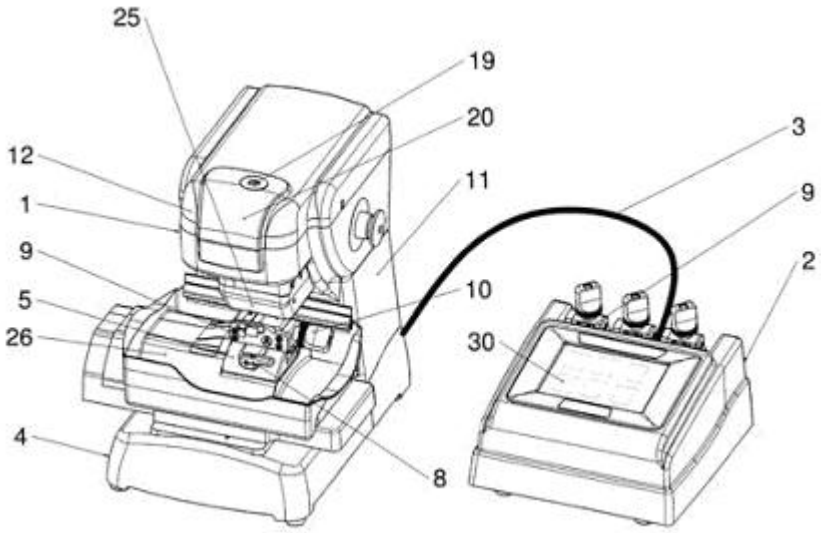
(21) Application No.1627/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : KEY CUTTING MACHINE FOR THE DUPLICATION OF KEYS

(51) International classification	:B23C3/35	(71)**Name of Applicant :**
(31) Priority Document No	:PN2004A000064	**1)KEYLINES S.R.L.**
(32) Priority Date	:06/09/2004	Address of Applicant :Via Camillo Bianchi 2, I-31020 SCOMIGO DI CONEGLIANO (Treviso), Italy
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/EP2005/053744	(72)**Name of Inventor :**
Filing Date	:01/08/2005	**1)FOSCAN, Eros**
(87) International Publication No	:WO2006/027294A1	
(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 : 7

(57) Abstract :
The present invention refers to a key cutting machine for the 10 duplication of keys, in particular of so-called “laser-type” keys, comprising a mechanical machine unit (1) connected to an electronic control unit (2) that is provided with memory means for storing the coded data of the keys to be duplicated, in which said mechanical machining unit comprises, along with a tracer or key follower (15) for tracking the bit notch pattern of 15 the keys to be duplicated, a spindle (13) and a milling cutter (14) associated thereto, both said cutter and said spindle being adapted to be driven rotatably about the axis thereof, as well as a carriage (5) on which there is mounted a jaw (9), said carriage being movable on the base-plate (4) of the mechanical machining unit in a plane that is orthogonal to the 20 plane of the milling cutter and the key follower or tracer. Said milling cutter (14) is temporarily attached to the end portion of a stem (18) that is adapted to be inserted axially in said spindle (13) through the back-side end portion of the latter, so as to enable said milling cutter to be fastened to said end portion of the same spindle. The milling cutter 25 (14) is adapted to be brought into contact with a reference plane on the jaw (9) so as to directly and readily achieve a correct setting and adjustment of the milling cutter (14) itself in the operating position thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006
(21) Application No.1640/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NANOCOMPOSITES AND PROCESS FOR THEIR PRODUCTION

(51) International classification :C08K3/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2004/000212
Filing Date :14/07/2004
(87) International Publication No :WO2006/006937A1
(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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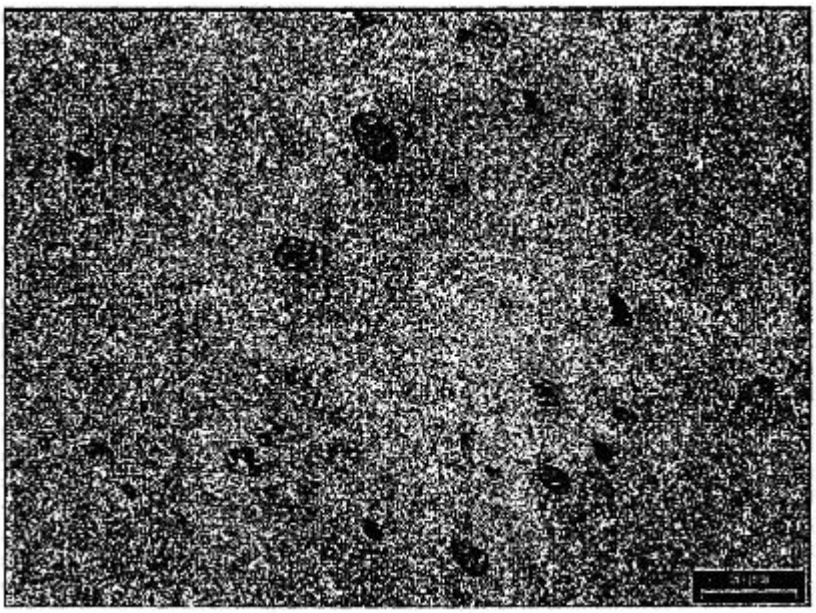
1)WANG, KE
2)HE, Chaobin
3)CHEN, Ling
4)WU, Jingshen

No of Pages : 34
No of Claims : 16

(57) Abstract :
The present invention relates to a process of forming a nanocomposite. The process comprises the steps of treating pristine clay with water in order to swell the clay, exchanging the water with an organic solvent while still maintaining the clay in a swollen state, treating the swollen clay with a modifier and then mixing the treated clay with a substance selected from the group consisting of monomers, oligomers and polymers and combinations thereof. Where necessary, the substance is polymerised and the solvent is being removed either prior to, during or after the polymerization.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2002
(21) Application No.184/MUM/2002 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AUTOMATIC SUSPENSION LOCKOUT FOR BICYCLES

(51) International classification :B62H1/08
(31) Priority Document No :60/271,411
(32) Priority Date :27/02/2001
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)P.J.HUNTON

No of Pages : 27
No of Claims : 36

(57) Abstract :
An automatic suspension lockout assembly for bicycles comprises a pedal, crankarm, chainwheel, crankshaft and bearing assembly compliantly mounted to a frame such that a combination of pedaling forces and uphill bicycle inclination creates a small motion suitable for controlling a hydraulic valve in a shock absorber of the bicycle suspension assembly resulting in lockout of the suspension.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2005
(21) Application No.196/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/4013 A61K9/30 A61K31/4015
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Yashoraj Rupsinh Zala
2)NITIN Bhalachandra Dharmadhikari

No of Pages : 36
No of Claims : 28

(57) Abstract :
In general, this disclosure is directed to circuit for implementation of headswitches and footswitches in an ASIC for power management. The disclosed circuit supports not only effective power management, but also efficient use of ASIC area, reduced complexity, and the use of electronic design automation (EDA) tools. In this manner, the disclosed circuitry can support enhanced performance and simplified ASIC design. In some cases, headswitch or footswitch circuitry part of an ASIC core. In others cases, headwwitch or footswitch circuitry can be distributed within an ASIC core by embedding distributed headswitch or footswitch components under metal layer power coupled routing coupled to standard cell rows.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2006
(21) Application No.203/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ROTOR SPINNING MACHINE

(51) International classification :D01H1/16
(31) Priority Document No :103 48 709.3
(32) Priority Date :16/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/011722
Filing Date :18/10/2004
(87) International Publication No :WO2005/035843A2
(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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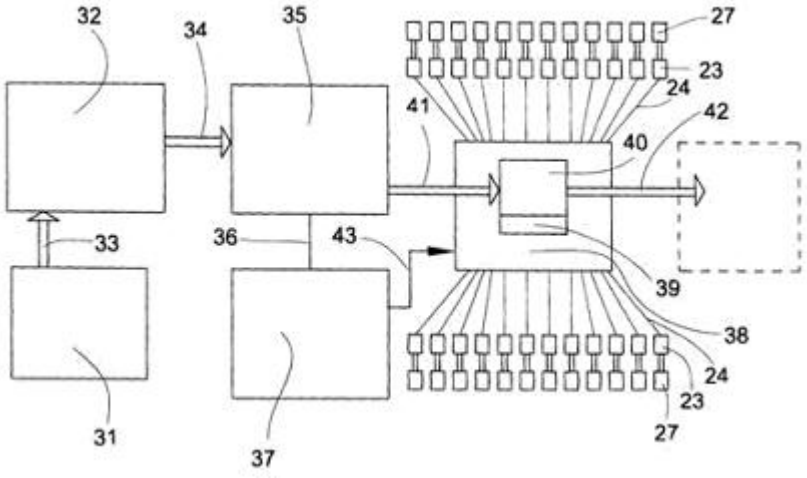
5)Siewert Ralf

No of Pages : 12
No of Claims : 5

(57) Abstract :
The invention relates to a rotor spinning machine plurality of spinning stations, each of which contains an opening roller and a feed roller (27) for feeding a fibre band to the opening roller and equipped with control units (38) for a group of individual drives for the feed rollers. Each control unit (38) has a connection device (39), to which an additional control card (40) for producing effect yarn with predetermined decorative effects can be connected. The control card (40) comprises a processor and can be directly controlled by means of data bus system (41). The inventive rotor spinning machine can be set to produce effect yarn in a rapid and cost-effective manner. The changeover between effect yarn and non-effect yarn can be carried out easily.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2005
(21) Application No.228/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ENGINEERED MONODISPERSE INHALATION POWDERS FOR EFFECTIVE TREATENT OF LUNG DISEASES

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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3)MAHAVIR BHUPAL CHOUGULE

No of Pages : 17
No of Claims : 8

(57) Abstract :
The present invention provides a monodisperse powder aerosol formulation comprising bioactive agents/drugs/pharmaceuticals/dignostic agents and biodergradable/biocompatible carriers. The composition of the invention possesses superior aerosol properties and is thus preferred for aerosolized administration of bioactive agent/drugs/pharmaceuticals/dignostic agents to the deep-lung and/or into the airways. The present invention also provides a method for preparation of novel dry powder composition free from residual organic solvents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2004
(21) Application No.250/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : GASTRIC RETENTION CONTROLLED DRUG DELIVERY SYSTEM

(51) International classification	:A61K31/00 A61K9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:612/mum/2001
Filed on	:04/07/2001

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2)DHARAMADHIKARI,NITIN BHALACHANDRA
3)DHAVSE,VAISHALI VIJAY

No of Pages : 29
No of Claims : 32

(57) Abstract :
The present invention provides a gastric retention controlled drug delivery system comprising a controlled release core comprising a drug, a highly swellable polymer and a gas generating agent, said core being capable of swelling and achieving floatation rapidly while maintaining its physical integrity in gastrointestinal fluids for prolonged periods, and a rapidly releasing coat composition comprising the same drug as in the core and pharmaceutically acceptable excipients, wherein the coating composition surrounds the core such that the system provides a biphasic release of the drug in gastrointestinal fluids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2005
(21) Application No.260/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A NEEM OIL AND TURPENTINE OIL BASED WOUND HEALING OINTEMENT OR CREAM

(51) International classification :A61K9/06 A61K35/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :486/mum/2004
Filed on :27/04/2004

(71)**Name of Applicant :**
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2)Vyas Brahmanand Ambashankar
3)Mistry Keki Bamanshaw
4)Godrej Nadir Burjor

No of Pages : 13
No of Claims : 3

(57) Abstract :
A neem oil and turpentine oil based wound healing ointment or cream comprising 10 to 20% by weight of neem oil and turpentine oil in the volume ratio 1:4 to 4:1, 1.5 to 3.0% by weight of zinc oxide 0.5 to 2.0% by weight of salicylic acid, 0.5 to 2.0% by weight of potassium nitrate, 5 to 15% by weigh of linseed oil and 50 to 80% by weight of additive base.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2005
(21) Application No.275/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PURIFICATION OF PERINDOPRIL

(51) International classification :C07D209/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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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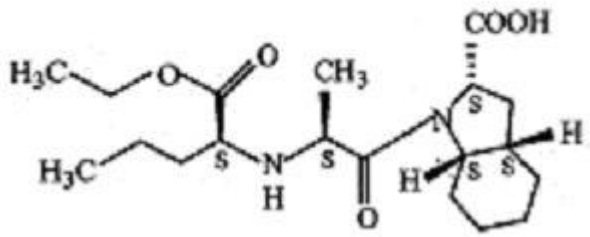
Address of Applicant :159, CST Road,Kalina, Santacruz (East), Mumbai-400 098, Maharashtra India
(72)**Name of Inventor :**
1)SINGH, Girij Pal
2)GODBOLE, Himanshu Madhav
3)RANANAWARE, Umesh Babanrao
4)DHAKE, Vilas Nathu
5)TAMBE, Suhas Ganpat
6)NEHATE Sagar, Purushottam

No of Pages : 29
No of Claims : 14

(57) Abstract :
A dicyclohexyamine salt of compound of formula I, namely perindopril, having an X-ray powder diffraction pattern with characteristic peaks (2θ): 8.462, 10.624, 18.693, 9.424, 17.272, 14.177, 19.499, 20.765, 21.409, and 14.540. A process for preparation of the said salt of perindopril and its use in the purification of an impure perindopril and a process for purification of perindropril comprising formation of its salt with dicyclohexylamine. The present invention also relates to preparation of perindopril tert-buty1 amine salt directly from perindopril dicyclohexylamine salt without isolating the free base.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2006
(21) Application No.276/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR AUTOMATED UPDATING SYSTEM FOR WIRELESS NETWORKS

(51) International classification	:H04Q7/32, HO4L29/06
(31) Priority Document No	:60/504,152
(32) Priority Date	:19/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030879
Filing Date	:20/09/2004
(87) International Publication No	:WO2005/034547A1
(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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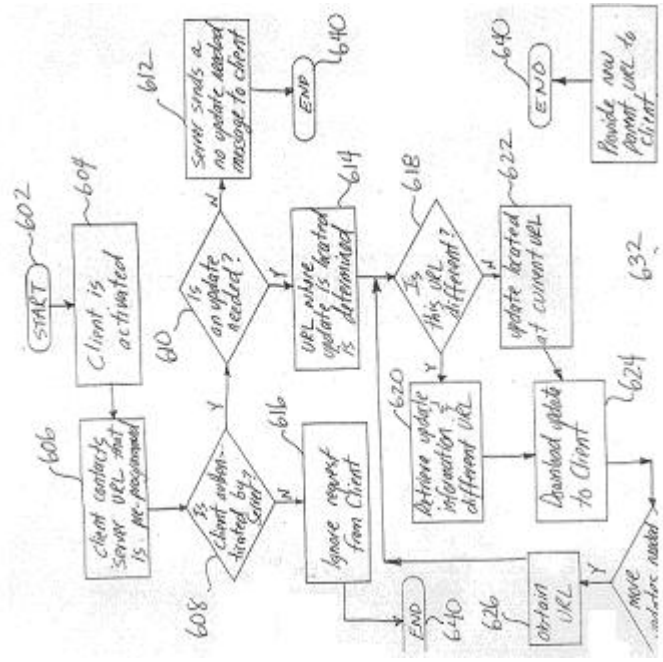
2)Robert Boxall

No of Pages : 28
No of Claims : 20

(57) Abstract :
A system and method are disclosed that allow information to be transmitted to a device in order to update or upgrade the device. Thus, a client can be updated from a central location in real-time after the client has been deployed. The system and method disclosed in accordance with the present invention also allows for an automated or user initiated updates to software or device configuration.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2004
(21) Application No.28/MUMNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF AN UNVULCANIZED RUBBER LAYERS, A PROCESS FOR THE FABRICATOIN OF A LAYER OF TYRE TREAD AND AN EQUIPMENT FOR CARRYING OUT THE PROCESS

(51) International classification :B60C19/08 B29C47/32 B60C11/18
(31) Priority Document No :98/02460
(32) Priority Date :26/02/1999
(33) Name of priority country :France
(86) International Application No :PCT/EP99/01042
Filing Date :17/02/1999
(87) International Publication No :WO99/43505A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2000/00300/MUM
Filed on :17/08/2000

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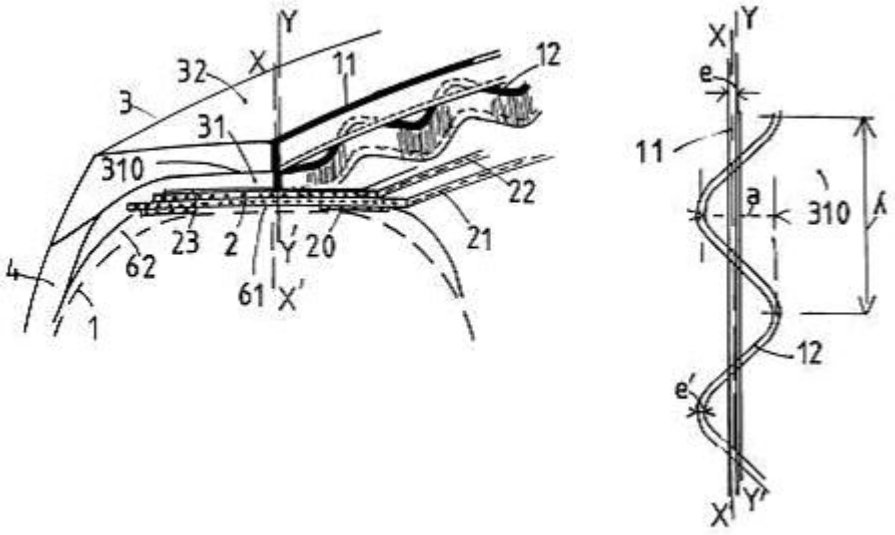
3)DANIEL BARDY

No of Pages : 18
No of Claims : 8

(57) Abstract :
The invention concerns a tyre comprising a tyre tread (3) consisting of two circumferential layers (31, 32) whereof the reinforcement filler is mostly a non-conductive filler, each layer containing a circumferential insert (11, 12) of conductive mixture, having on the contact wall (310) between the two layers (31, 32) a circumferential surface, the first and second layers (31, 32) having on said wall a circumferential surface with a circular line of width e, the second layer (31, 32) having on said wall a circumferential line of width e' crossing it and having ridges on either side of the circular line of the first layer, such that there is circumferentially between the two lines several contact points providing electrical connection between the two conductive inserts. Said second layer with insert is extruded by means of an apparatus comprising a main extruder (10) for extruding the non-vulcanised part (31, 32) of a tyre tread (3) and a micro-extruder (40) whereof the extruding nozzle (43) equipped with a cutting edge and an extruding orifice is pressed against orienting means associated with the main extruder (10) for making said part (31).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2006
(21) Application No.358/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A COMPUTER WITH COMBINED MAINFRAME AND DISPLAY

(51) International classification :G06F1/16 G06F1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN03/00859
Filing Date :15/10/2003
(87) International Publication No :WO2005/036373 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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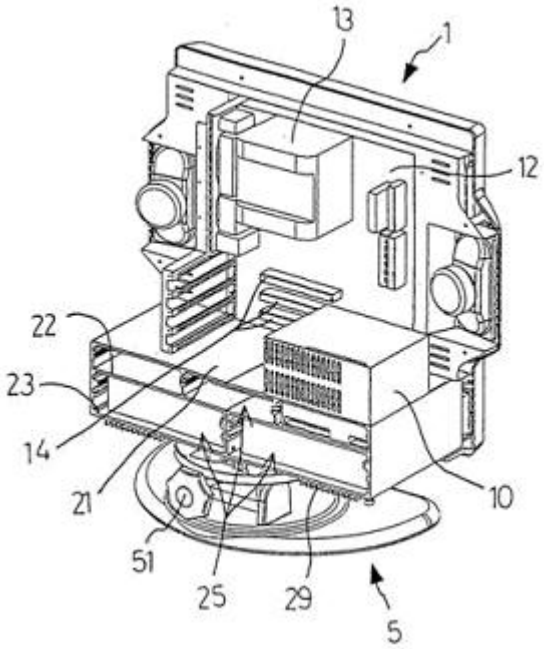
No of Pages : 17
No of Claims : 8

(57) Abstract :
The present invention discloses a computer with combined mainframe and display, which includes a screen, a mainframe part and peripheral device placing areas, which are combined with each other, therein there are more than one slots at the side near the peripheral device placing areas of the screen and mainframe part, there is a first space for containing a power supply in the construct parts near one side of the peripheral device placing areas; and there is a second space for containing connecting wires of a connecting device of the peripheral devices near one side of the mainboard; there are several spaces formed by some construct parts for containing peripheral devices in the peripheral devices placing area at the lower side of the screen and mainframe parts, wherein the construct parts are steadily assembled between the supporting frames at predesigned height interval; there are several heat emission areas provided in association with the peripheral device placing areas at the bottom of both sides of the peripheral device placing areas, where the heat emission areas exchange heat with outside in operation, the ratio of the space that combination of the mainframe and display occupied to that of the whole is minimum, and space for containing peripheral devices are divided into several containing spaces for appending device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2004
(21) Application No.410/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : VEHICLES

(51) International classification	:B60N3/00 A01M1/20 A61L9/03
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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No of Pages : 10
No of Claims : 10

(57) Abstract :
An insect repellant device for vehicles comprising of a body provided with electrical contacts at its one end for connecting to DC power source, a heating element provided at the other end of the said body, adapted to be connected to the DC power source through the said electrical contacts, an insect repellant mat adapted to be placed over the said heating element inside a performed mat holder, integrally formed with the said body, a liquid insect repellant bottle, having a carbon rod provided below the said heating element and the free end of the said carbon rod projecting out of the said bottle, being placed inside a cavity formed in the said heating element.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2005
(21) Application No.410/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A novel process for preparation of substantially pure Glimepiride

(51) International classification :C07D207/38 A61K31/405
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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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2)Kadam, Suresh Mahadev
3)Naik, Sanjay Janardhan
4)Gavhane, Sachin Baban

No of Pages : 22
No of Claims : 18

(57) Abstract :
The present invention discloses a novel process for purification of trans-4-methy1 cyclohexylamine HCL and 4-[2-(3-Ethyl-4-methyl-2-carbonl pyrrolidine amido) ethyl] benzene sulfonamide used in the synthesis of 3-Ethyl-2, 5-dihydro-4-methyl-N- [2-[4-[[[[(trans-4-methyl cyclohexyl) amino] carbony1] amino] sulfony1] pheny1] ethyl]-2-oxo-1H-pyrrole-1-carboxamide (1), popularly known as Glimepiride. The present invention also discloses a novel purification of Glimepiride usingS methanolic ammonia and glacial acetic acid to obtain highly pure Glimepiride Form1 (1), having the undesired cis isomer below 0.15%. Glimepiride (1) is useful in the treatment of diabetes mellitus.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2005
(21) Application No.426/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : Mouth Dissolving Delivery System of Lamotrigine with Dispersible and Meltable Capabilities

(51) International classification :A61K9/20 A61K9/22
(31) Priority Document No :419/MUM/2004
(32) Priority Date :06/04/2004
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :419/MUM/2004
Filed on :06/04/2004

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHAKRAVORTY, Saibal
2)HARIHARAN, V

No of Pages : 29
No of Claims : 10

(57) Abstract :
A mouth dissolvable and meltable, and water dispersable delivery system for oral administration consisting of an antipileptic drug, one or more swelling agents, one or more of fillers, one or more of disintegrating agents, and one or more of binders is disclosed. The swelling agent is powdered cellulose, filler is spray dried mannitol, disintegrating agent is crosslinked polyvinyl pyrrolidone and binder is maltodextrin. This system optionally comprises one or more of other excipients selected from the group comprising lubricants, sweetners and flavouring agent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2006
(21) Application No.461/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED PROCESS FOR THE MANUFACTURE OF CITALOPRAM HYDROBROMIDE

(51) International classification	:C07C255/00 C07D307/78 C07D307/87
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/IB2003/004757 :28/10/2003
(87) International Publication No	:WO2005/042473A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Wockhardt Towers, Bandra-Kurla Complex, Bandra(East), Mumbai-400051, Maharashtra India
(72)**Name of Inventor :**
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2)Bhargav Krishnaji Upadhye
3)Krishna Gopalji Mishra
4)Mohammed Ismail Farooqui

No of Pages : 17
No of Claims : 40

(57) Abstract :
The present invention relates to an improved process for the preparation of extremely pure l-(4'-Fluorophenyl)-l-(3-dimethylaminopropyl)-5-phthalanecarbonitrile and its bromide salt (Citalopram hydrobromide), which is a well known antidepressant. Other aspect of the invention are isolation of crystalline (4-Bromo-2-hydroxymethyl) phenyl- (4-fluorophenyl)-3-(dimethylaminopropyl) methanol (Bromodiol) and conversion of desmethylCitalopram to Citalopram generated in trace during the reaction by treatment with formaldehyde and formic acid in chloroform. The resulting Citalopram product is optionally further worked up, purified and isolated in the form of a base or a pharmaceutically acceptable salts.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2005
(21) Application No.462/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF TAXANES WITH HIGH DRUG LOADING

(51) International classification	:C07D305/08 A61K3/337
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)DEVARAJAN PADMA VENKITACHALAM
2)REDKAR MILIND RAJARAM
3)SONAVANE GANESHCHANRDA SHIVAJIRAO

No of Pages : 26
No of Claims : 13

(57) Abstract :
The present invention relates to stable pharmaceutical compositions for the delivery of paclitaxel or its analog thereof with high drug loading. The stable pharmaceutical compositions comprising of paclitaxel or its analogs, with high loading such that the concentration of excipients co administered with the drug in formation is reduced significantly. The stable pharmaceutical compositions of the present invention comprise of paclitaxel or its analogs, stabilizer, at least one solubilizer and optionally absorption enhancers and optionally pharmaceutically acceptable surfactants. The stable pharmaceutical compositions are substantially alcohol free and substantially Cremophor-El free. The stable pharmaceutical compositions are for the administration of paclitaxel or its analog, by oral, by parenteral or by transmucosal route of administration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2005
(21) Application No.463/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPIRAL UNIVERSE

(51) International classification :G09B19/00
(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 :**
1)ARUN GATHORIA

No of Pages : 3
No of Claims : 1

(57) Abstract :
This a novel device as teaching aid for proper understanding of the look of Universe. Wherein, closed, aircular & cylendrical look of the Universe is provided by tilted Spiral wires/bands.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2005
(21) Application No.484/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ORIFICE FLOW METERS

(51) International classification :G01F1/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)KEDAR ANIL KULKARNI

No of Pages : 34
No of Claims : 12

(57) Abstract :
An orific plate sealing assembly for orifice flow meters is disclosed. The sealing assembly comprises a moulded sealing ring, moulded compression ring, an orifice plate, snap fastening means and a resilient air tight formation. The snap fastening means provides air tight leak proof sealing engagement between the sealing ring and the compression ring with the orifice plate sandwiched there between.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2006
(21) Application No.485/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification :A61K31/70 A61K31/495
(31) Priority Document No :417/mum/2003
(32) Priority Date :01/10/2003
(33) Name of priority country :India
(86) International Application No :PCT/IN2004/000306
Filing Date :29/09/2004
(87) International Publication No :WO 2005/048978 A3
(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 :159,CST Road, Kalina, Santacruz (East), Mumbai - 400 098, Maharashtra India
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1)SEN, Himadri
2)JAYANTHI, Suryakumar
3)RAGHAVAN, Vineeth
4)ARRA, Ganga, Srinivas

No of Pages : 27
No of Claims : 54

(57) Abstract :
A three-drug antiretrovial pharmaceutical composition having a selective combination of a controlled release active formulation and an immediate release active formulation for once daily administration. The composition provides desired dosages of the actives lamivudine, zidovudine or pharmaceutically acceptable derivatives thereof, and the immediate release formulation including atleast one selective Non-nucleoside Reverse Transcriptase Inhibitor (NNRTI), preferably nevirapine or a pharmaceutically acceptable derivative thereof alongwith pharmaceutically acceptable excipients. The once daily composition would favour patient compliance and effective treatment. A method of reducing the pill burden in a patient suffering from HIV infection and /or Acquired Immunodeffieciency Syndrome by administering a once daily dose of the three-drug antiretroviral pharmaceutical composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2006
(21) Application No.488/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS COMPRISING CYCLOHEXYLAMINES AND AMINOADAMANTANES

(51) International classification :A61K9/08
(31) Priority Document No :60/517,981
(32) Priority Date :05/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/037026
Filing Date :05/11/2004
(87) International Publication No :WO 2005/044228
(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)Mahashabde Shashank
3)Yang Yan
4)Goel Anshu
5)Seiller Erhard
6)Hauptmeier Bernhard

No of Pages : 33
No of Claims : 55

(57) Abstract :
The invention is directed to formulations of pharmaceutical compounds, such as the Cyclohexylamines and Aminoadamantanes which have antimicrobial properties. In particular, it is directed to aqueous based formulations with reduced amounts of preservatives which allow safe and convenient administration and flexible dosing and which, in the case of oral formulations, are easy to swallow. Optionally, the compositions contain components that provide the requisite stability and shelf life while reducing or avoiding of the composition around the container closure which leads to leaks and difficulty in opening the container.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2005
(21) Application No.509/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED SYNTHESIS OF ANTIMALARIAL DRUG

(51) International classification :C07C215/38 A01K31/135 A01P33/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CIPLA LIMITED
Address of Applicant :289,Bellasis Road, Mumbai Central, Mumbai-400 008, Maharashtra India
(72)**Name of Inventor :**
1)Kankan,Rajendra Narayanrao
2)Rao,Dharmaraj Ramachandra
3)Phull,Manjinder Singh

No of Pages : 13
No of Claims : 9

(57) Abstract :
Disclosed herein is an improved process for the synthesis and purification of antimalarial drug Lumefantrine involving Grignard reaction.The process comprises condensation of 2,7-dihloro-9H-fluorene-4-oxiran with p-chloro benzaldehyde to yield 2,7-dichloro -9(4-chloro benzylidine) fluorine-4-oxirane; reaction of 2,7-dichloro –9 (4-chloro benzylidine) fluorine-4-oxirane with a Grignard reagent of Formula IV in suitable organic solvent and isolation of lumefantrine from a suitable organic solvent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005
(21) Application No.534/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WASHABLE, STERILIZED BABY NAPPIES / DIAPERS AND NAPPY PADS AND PROCESSES OF MAKING THEREOF

(51) International classification :A61F13/15
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)ARUN GUPTA

No of Pages : 19
No of Claims : 6

(57) Abstract :
The present invention relates to processes of making washable, sterilized baby nappies /diapers and nappy pads suiting baby's delicate skin and less harmful to the environment. The present invention is also directed to disclose washable, sterilized baby nappies/diapers and nappy pads using the same processes. Each of the said processes of making washable, sterilized baby nappies /diapers includes at least cutting process, stitching process and packing process. The washable, sterilized baby nappy / diaper made by the said process includes plurality of layers and sheets comprising puffing/printing (2), 40's terry (4) plastics/PVC sheets (7),spunch (5),nappy (1),puffed nappy, soft Velcro (3,10), elastic elements (8)etc.

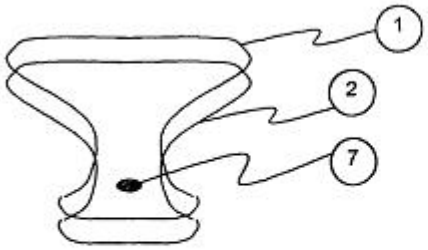

Fig. 1

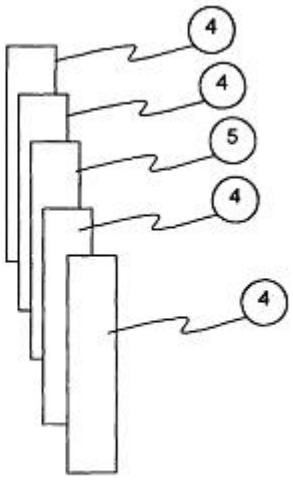

Fig. 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005

(21) Application No.536/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVICE FOR TRIPLE ACTION RIVETING

(51) International classification	:B21J15/00 B21J15/04 B21J15/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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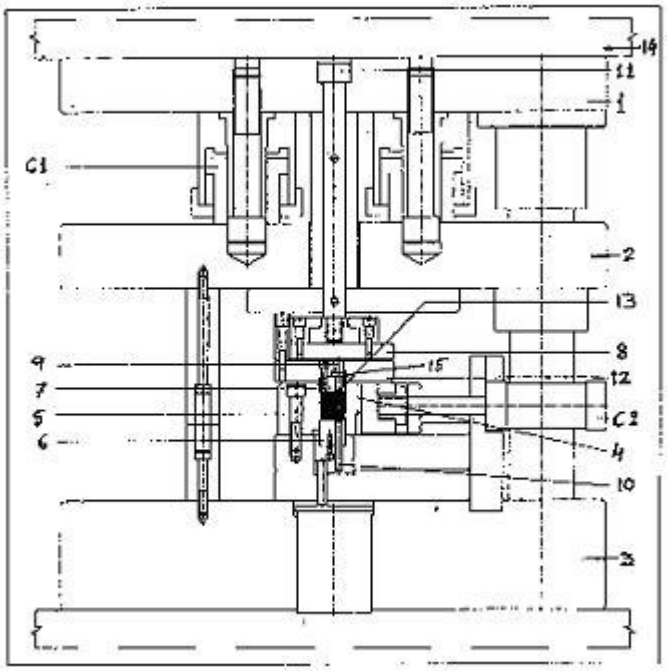
3)CHAUBAL,Susheel Narayan

No of Pages : 17
No of Claims : 10

(57) Abstract :
A device for riveting steel laminations and adapted to provide third degree of motion, the riveting device comprising plurality of plates (1,2,3 and 8), means (C1) mounted on the said plates and adapted for providing third degree of motion, means (6) adapted for holding together the lamination stack (13) to be riveted, means (4 and 5) adapted for squaring the lamination stack (13) to be riveted, means (C2 and 4) adapted for pressing the lamination stack (13) rested on the block (5) provided in the device and means (9 and 10) adapted for compensating the variation in defined length of the rivet and operatively connected to said plurality of plates.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005

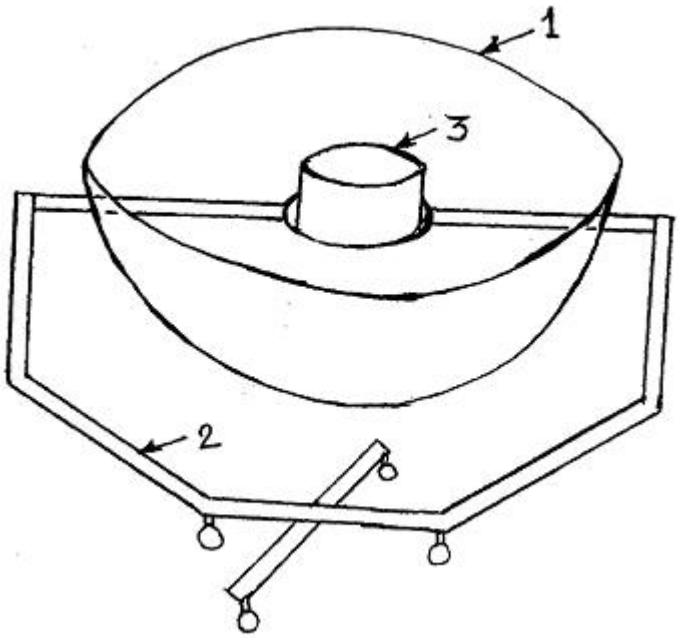
(21) Application No.537/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CONCENTRATING SOLAR COOKER FOR BALCONY

(51) International classification	:F24J2/06	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)CHANDAK AJAY GIRDHARILAL**
(32) Priority Date	:NA	Address of Applicant :'Shamgiri', Agra Road, Deopur,DHULE:424 005, Maharashtra India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)CHANDAK AJAY GIRDHARILAL**
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 : 6

(57) Abstract :
Concentrating solar cooker for balcony comprises of a reflective bowl (4) mounted on pivots (6) of a main frame (5). Said main frame fixed to an external pipe (7) which is rotatable on over the foundation pipe (8). said foundation pipe is fixed to a foundation frame (9) and said foundation frame is to be clamped to a balcony wall of railing (10). A sliding pipe (11), which slides inside said foundation pipe, is connected to a cooking place (12) and cooking pot (13) can be kept over the cooking place. Said sliding pipe can be pulled from within the balcony to bring said cooking place in reach of the operator to load or unload said cooking pot. Rotation of said reflective bowl around said pivot and said external pipe is used to track the concentrating cooker to face the sun. A focus indicator (14) is provided for indicating correct tracking position of said reflector bowl.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2005
(21) Application No.573/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND SYSTEM TO ENABLE A WEB-PROXY SERVER TO ADD AUXILIARY UNREQUESTED WEB-CONTENT TO THE WEB PAGES SERVED TO ITS CLIENTS

(51) International classification	:G06F17/00 G07F7/10
(31) Priority Document No	:60/602128
(32) Priority Date	:17/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)GUPTA SUJOY

No of Pages : 17
No of Claims : 3

(57) Abstract :
The invention is a Proxy server that “injects" unrequested content into the web pages being served to its clients. Even though the method increases few steps in the conventional web-page retrieval process through a web-proxy, the injection is accomplished by avoiding any source-code modification of the served web pages. The usage of the server is exactly same as any other proxy server. If used as normal proxy server, all the users would be required to configure their web-browsers to use the proxy server for all the web-requested. Alternatively one can use the server in Transparent Proxying mode and all the web traffic automatically would be directed form the web gateway to the proxy server. In this case users don’t have to do any configuration at their web-browsers.

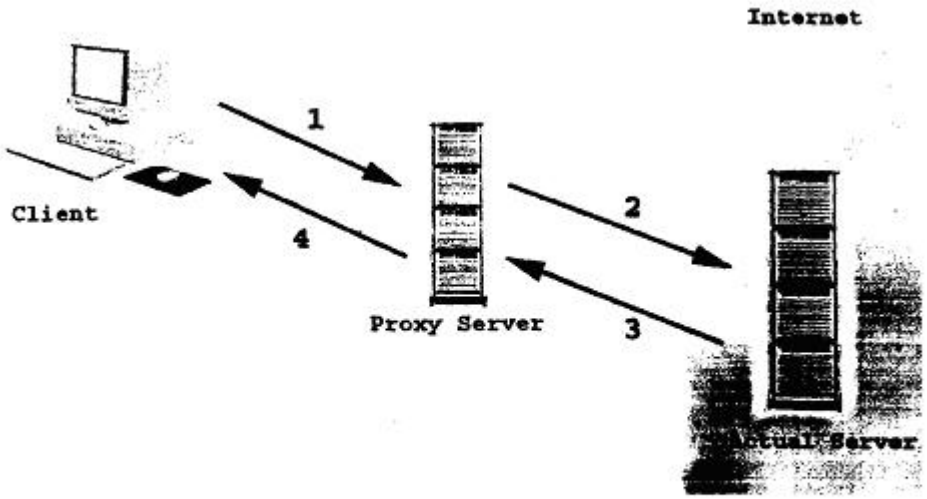

FIG.1. HTTP message and resource flow in a typical transaction involving a proxy server.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2005

(21) Application No.575/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : Varying Radius Frame For Soft Luggage

(51) International classification :A45C13/04
(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

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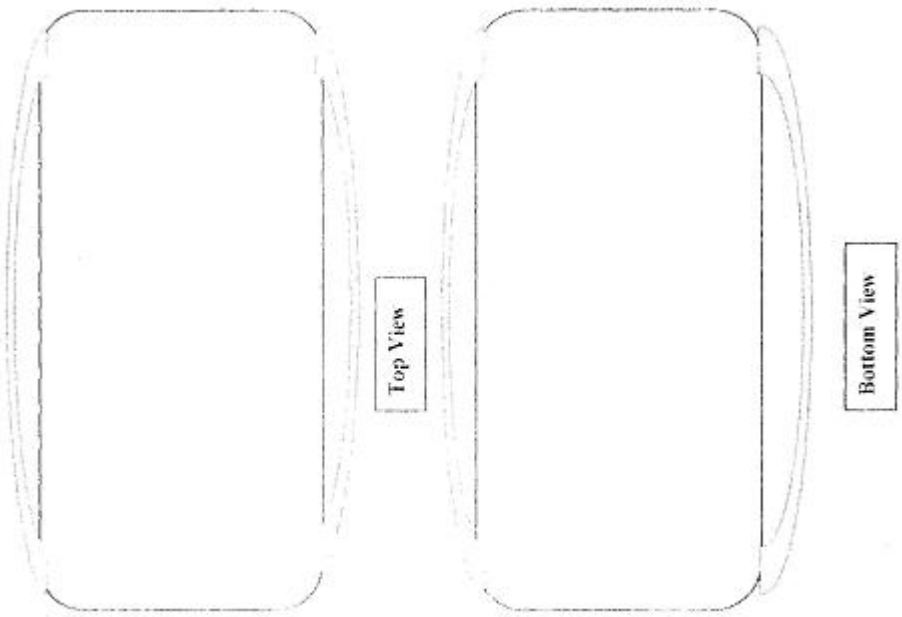
(72)**Name of Inventor :**
1)Arif Khan

No of Pages : 15
No of Claims : 7

(57) Abstract :
A soft luggage strengthening frame having elliptically with central vertical chord being estimatedly 10 % above the rectangular side of the frame on three sides and at least one side being straight and the elliptical sides being having uniform critical angle incrementally adding aesthetic value to the soft luggage wherein the said frame having grooved dent impressed thereupon by means of roller press on the bilateral periphery running parallelarly bilinear sides thereof adding tensile strength thereto wherein the said metal strip coated with resin / colour, punched & bended maintaining predetermined radius of curvature at the bend of the thereof by means of a die, and having overlapping ends at central connection point preferably at the handle groove wherein the said free ends are riveted for incremental firmness of the frame structure by means of riveting machine.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2005
(21) Application No.585/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED AIR COOLER WITHOUT THE REAR COOLING PAD

(51) International classification :F24F5/00
(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 :**
1)SHAH ANURAG

No of Pages : 5
No of Claims : 2

(57) Abstract :
The improved air cooler without the rear cooling pad would use a motor with an elongated shaft. The motor would occupy its usual place in the cooler in which case it would be protected from water droplets by a thin circular metal sheet rotating with the shaft or the motor would be positioned at the rear end of the cooler. The elongated shaft of the motor would carry fixed to it a mistifier in the form of a drum like wrap of a wetting material around the shaft. The mistifier would be kept by a dripper which would be a firmly held piece of thick cloth. The dripper would receive its supply of water from the overhead tank with a regulated opening or from a perforated tray peal with water by a submersible water - pump. The mistifier rotating with the speed of the shaft would create a zone of fine water droplets behind the fan. The air sucked by the fan would blast these droplets into the room-air cooling it.

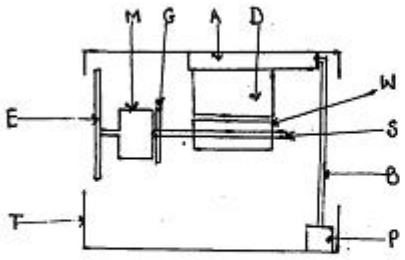

FIGURE-1

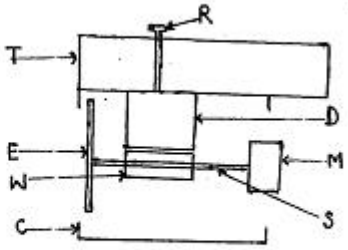

FIGURE-2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2005
(21) Application No.590/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A NOVEL SMOKING COMPOSITION

(51) International classification	:A24B15/28 A24B15/00 A24D3/00
(31) Priority Document No	:562/MUM/2004
(32) Priority Date	:17/05/2004
(33) Name of priority country	:India
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)ARIF ABDUL KADER FAZLANI

No of Pages : 23
No of Claims : 4

(57) Abstract :
The invention provides a novel smoking composition for hookah. Various flavours both natural and synthetic are added to improve the quality of smoke and impart good smell. A method of making the smoking composition is also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2005
(21) Application No.596/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A NOVEL invention relates to pharmaceutical compositions in the form of mouth dissolving tablets used for the treatment of alzheimer's disease

(51) International classification	:A61K9/28 A61K9/20 F02C1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)MEHTA BHARAT PRAVINCHANDRA
2)RAJEN SHAH
3)DOSHI MADHUKANT MANSUKHLAL

No of Pages : 19
No of Claims : 26

(57) Abstract :
The present invention describes mouth dissolving tablets used in the treatment of Alzheimer disease. The present invention also describes process for preparation of mouth dissolving tablets of rivastigmine. The tablets produced shows rapid disintegration in the oral cavity and have hardness that imparts improved mechanical strength to tablet to enable bottle packing of tablets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2005

(21) Application No.599/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TURN SIGNAL UNIT FOR MOTOR VEHICLE

(51) International classification :B60Q1/02
(31) Priority Document No :Hei-11-291322
(32) Priority Date :13/10/1999
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :839/MUM/2000
Filed on :13/09/2000

(71)**Name of Applicant :**
1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
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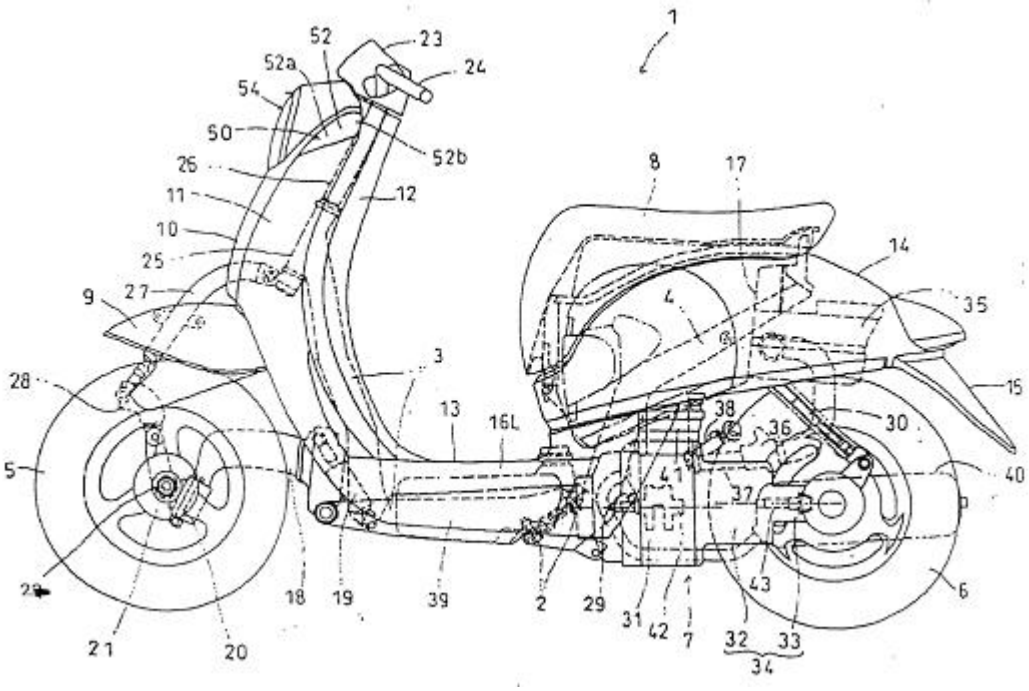
(72)**Name of Inventor :**
1)KAZUYUKI TACHIBANA

No of Pages : 17
No of Claims : 3

(57) Abstract :
To provide a turn signal unit of which size and shape can be designed with large tolerance in order to facilitate confirmation of flashing turn signal lamps. The turn signal unit comprises left and right turn signal lamps 50 and 51 provided at left and right sides of a front cover (10). Lenses 52 and 53 of the turn signal lamps 50 and 51 are fitted, at upper left and right side of the front cover, in spaces defined by an upper side edge of a leg shield (11). Left and right side edges of the front cover 10 and a side edge of an inner cover (12). Size and shape of the turn signal lamps 50 and 51 can be determined as desired by appropriately changing length and shapes of the side edges of the front cover (10), leg shield (11) and inner cover (12).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2005
(21) Application No.602/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : Preparation of hydrophobic nanocrystalline zinc oxide films

(51) International classification :B22F1/00 C01F7/02
(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 :**
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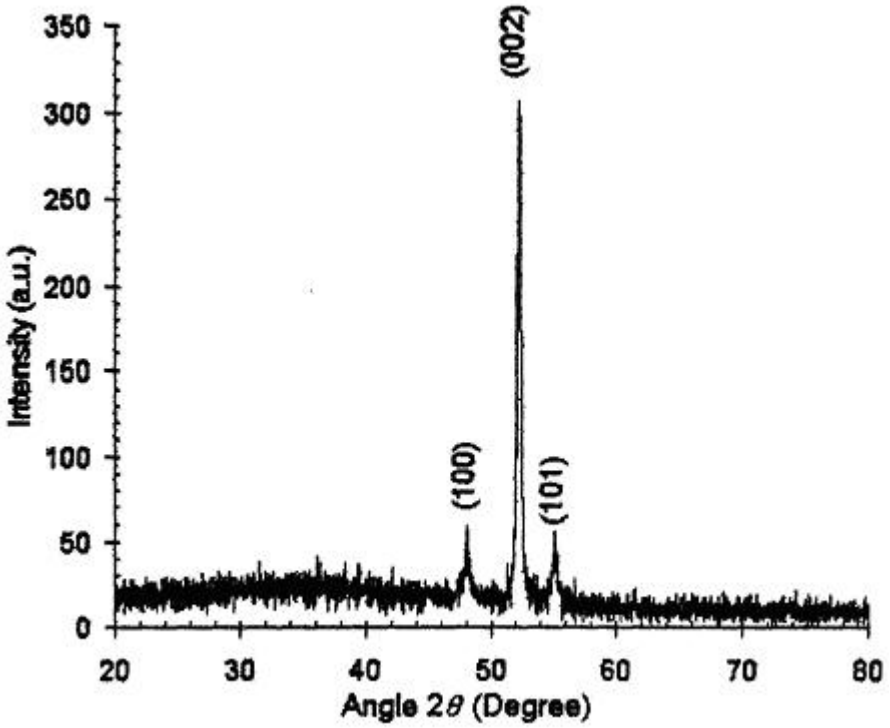
3) Tanaji Pralhad Gujar
(72)**Name of Inventor :**
1)Chandrakant Dnyandev Lokhande
2) Vaishali Ramchandra Shinde
3) Tanaji Pralhad Gujar

No of Pages : 14
No of Claims : 8

(57) Abstract :
The present investigation is related to the preparation of hydrophobic and nanocrystalline zinc (ZnO) thin films onto glass substrates by chemical bath deposition method. This chemical method is relatively less expensive and convenient for large area deposition of metal oxide films. Hydrophobic nanocrystalline zinc oxide films have been prepared from an alkaline bath of zinc salt containing the substrates in it. Nanocrystalline and conical morphology of ZnO film was obtained. The water wettabilty test revealed the formation of hydrophobic ZnO film surface with contact angle greater than 150º.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2005
(21) Application No.603/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A CONTROLLED RELEASE PRODUCTS

(51) International classification :C09B62/513
(31) Priority Document No :09/286,931
(32) Priority Date :06/04/1999
(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 :298/MUM/2000
Filed on :31/03/2000

(71)**Name of Applicant :**
1)AGWAY INC.
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(72)**Name of Inventor :**
1)LIJUN MAO
2)XIAOMING YANG
3)ROBERT J. PETCAVICH

No of Pages : 41
No of Claims : 21

(57) Abstract :
The present invention relates to a controlled release product comprising particles or comprised in whole or in principal part of urea or having urea at or on the exterior surface thereof and a moisture resistant interpenctrating polymer network coating on the particles comprised of the reaction product of the urea and an isocyanate reactive with the urea, and the reaction products of isocyanate in excess of the amount reacted with the urea, an alkyd resin, and an oil having at least one double bond.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2005
(21) Application No.608/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN UNIVERSAL INDUSTRIAL PARTS CLEANING MACHINE WITH IMPROVED CLEANING PERFORMANCE

(51) International classification	:B65G45/10 B65G45/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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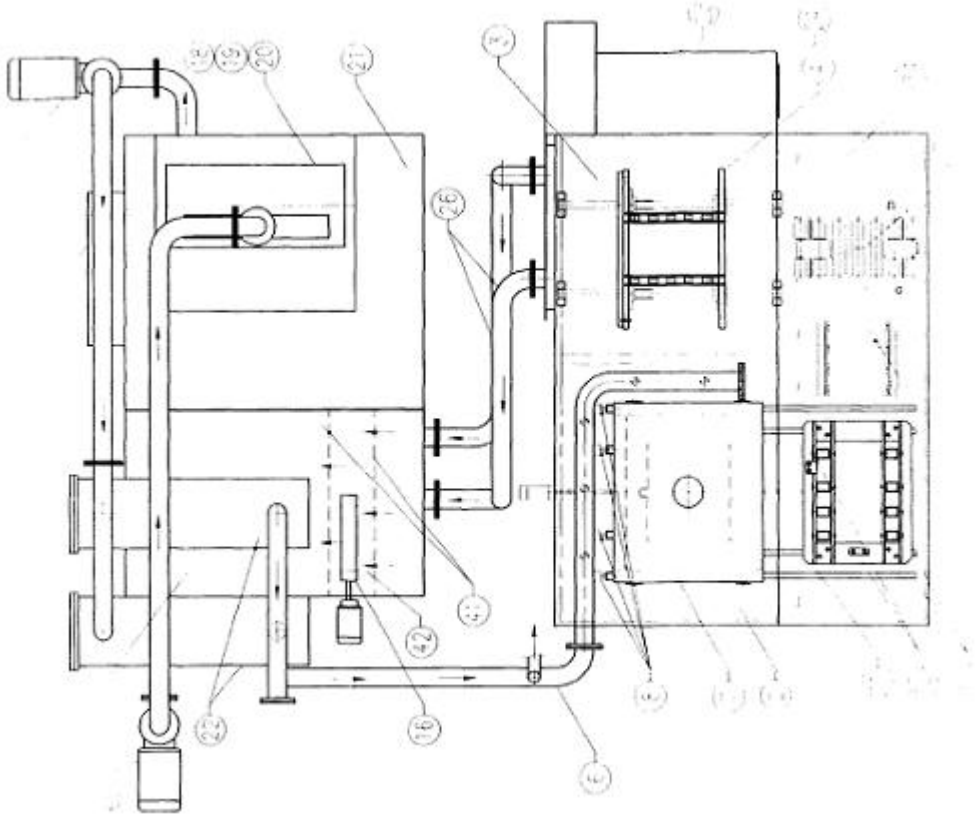
3)Milind Maruti Gurav
4)Dattatray Yashwant Vartak

No of Pages : 17
No of Claims : 10

(57) Abstract :
An Universal cleaning machine, which can be used for cleaning variety of industrial parts with better cleaning performance for removing hydrocarbon contaminates, oil, core sand residue and alike foreign particles from variety of industrial parts with better cleaning performance (minimum Millipore value after completion of cleaning operation).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2005

(21) Application No.613/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A STRAW FOR THE CONSERVATION OF SMALL QUANTITIES OF SUBSTANCES

(51) International classification :A47G21/18
(31) Priority Document No :0106081
(32) Priority Date :07/05/2001
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :379/MUM/2002
Filed on :26/04/2002

(71)**Name of Applicant :**
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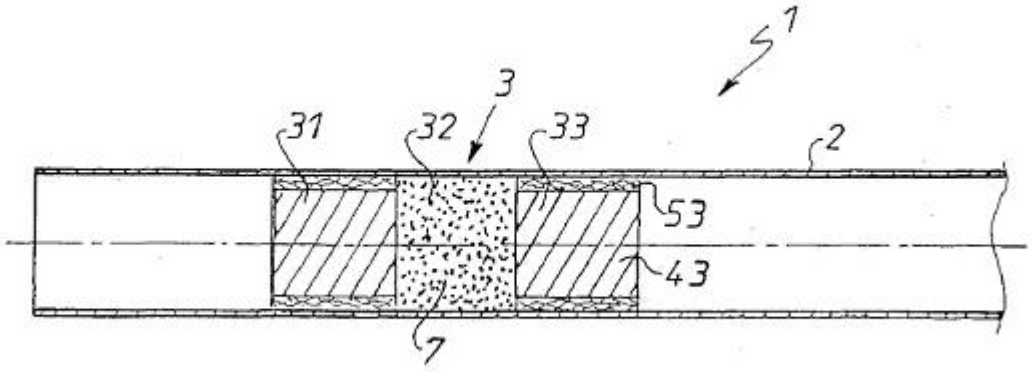
1)JEAN - GERARD SAINT - RAMON
2)FRANCIS LESIEUR

No of Pages : 14
No of Claims : 18

(57) Abstract :
The present invention relates to a straw according to claim 5, characterized in that the three-part stopper (3) comprises an external part (31) comprising a fibrous substance plug, an internal part (33) comprising a thermoplastics a sheath (53), and an intermediate part (32) consisting of gel powder (7).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2005

(21) Application No.624/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPRESSION BAR AND SPINNING PREPARATION MACHINE WITH A COMPRESSION BAR

(51) International classification :D01H5/60
(31) Priority Document No :102004026758.8
(32) Priority Date :29/05/2004
(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

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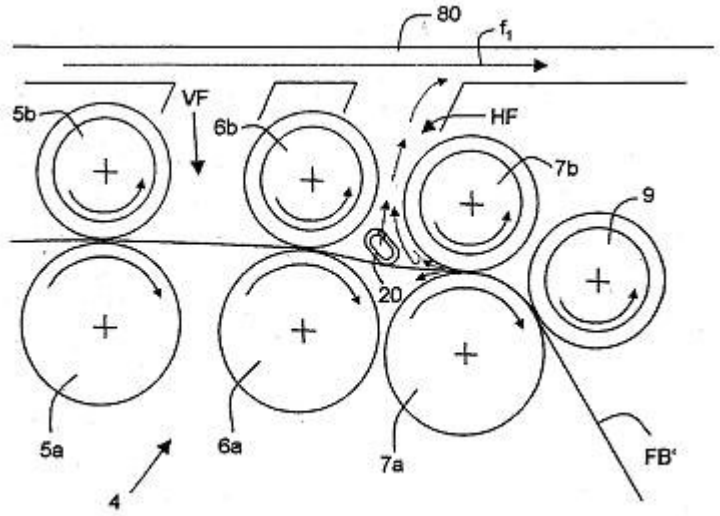
(72)**Name of Inventor :**
1)Peter Artzt
2)Kaspar Nissi
3)Sibylle Schmied
4)Gunter Steinbach

No of Pages : 26
No of Claims : 32

(57) Abstract :
A compression bar is recommended, which is meant for guiding across the width of a drafting zone (HF) of a drawing frame (4) of a silver (FB') between both the clamping lines of the drafting zone (FB'). The compression bar is characterized by minimum on e connecting device (29) for an external compressed air or suction air source (90), and through at least one opening (30) connecting at least one hollow section (29) with the surrounding, in order to remove fiber wastage and / or dirt from the area of the drafting zone (HF) by means of compressed air or suction air. At the same time a process for removal of fibers and / or dirt from a drafting zone of spinning preparation machine has been recommended.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2005
(21) Application No.633/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SHROUD MECHANISM FOR OVERLOAD RELAYS

(51) International classification	:F01D11/22 F01D5/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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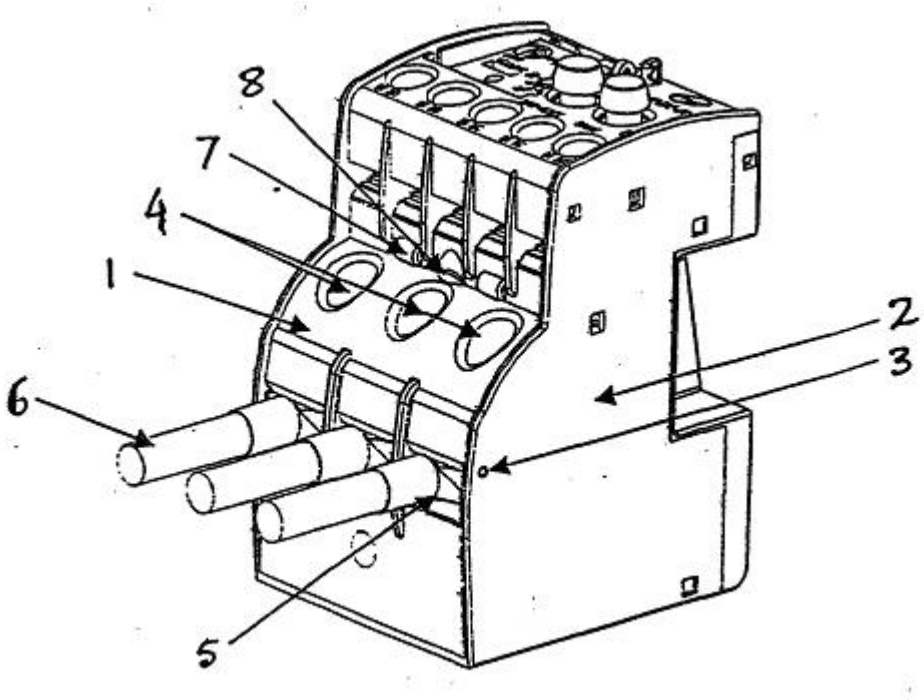
(72)**Name of Inventor :**
1)CHAUDHARY, Hemant Laxman
2)OCHANI, Deepak Mangharam

No of Pages : 9
No of Claims : 9

(57) Abstract :
Shroud mechanism for overload relay adapted for providing full access to the terminals and the terminal screws (9) and comprises means adapted for providing swivel motion to the shroud (1) resting on the housing (2), means (7 and 8) adapted for snap fitting of the shroud (1) with the said housing (2) and plurality of holes (4) having defined configuration for accessing the terminal and the terminal screws (9) of the relay.



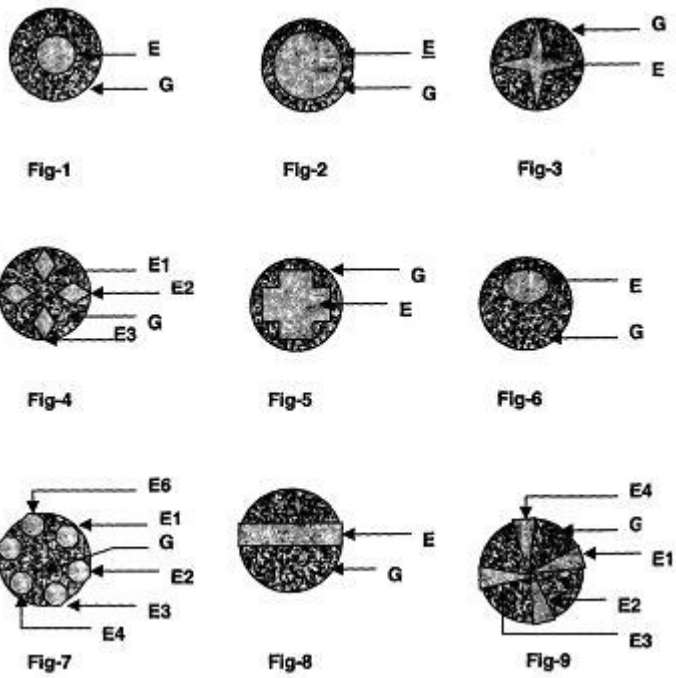
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2005
(21) Application No.635/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED COSMETIC COMPOSITION

(51) International classification	:A61K8/00 A61K8/04 A61K8/06	(71)**Name of Applicant :** **1)HINDUSTAN LEVER LIMITED** Address of Applicant :165/166, Backbay Reclamation , Mumbai-400 020, Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)VERMA Ritu**
(33) Name of priority country	:NA	**2)RAGHAVACHARI Rajan**
(86) International Application No Filing Date	:NA :NA	**3)BAPAT Mohini Anand**
(87) International Publication No	: NA	**4)AGARWAL Rupesh**
(61) Patent of Addition to Application Number Filing Date	:NA :NA	**5)ANAND Jayashree**
(62) Divisional to to Application Number Filing Date	:NA :NA	

No of Pages : 24
No of Claims : 10

(57) Abstract :
A topical multiphase cosmetic composition comprising co-extensive emulsion phase and gel phase said phases having at least one common interface, wherein said phases are disposed such that gel phase forms greater than 50% of the outer surface of the composition.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2001
(21) Application No.641/MUM/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NON-ORIENTED ELECTRICAL STEEL SHEET FOR SMALL-SIZED PRECISION MOTOR

(51) International classification :C22C38/06
(31) Priority Document No :2000-231508
(32) Priority Date :31/07/2000
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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Address of Applicant :6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, Japan
(72)**Name of Inventor :**
1)YOUSUKE KUROSAKI
2)ETSUO HAGIWARA
3)HIROAKI SATO

No of Pages : 20
No of Claims : 1

(57) Abstract :
The present invention provides a non-oriented electrical steel sheet for a small-sized precision motor capable of suppressing the connection incidence between steel sheet and a copper wire to a low level when the electrical steel sheet is punched to prescribed shape, laminated and clamped, and then insulation is secured only by coating the copper wire, omitting the insulation by insulating paper or plastic parts and relates to a non oriented electrical steel sheet for a small-sized precision motor, characterized by having inorganic-organic coating of 1.2 to 3.0 g/m² consisting of organic resin and inorganic components comprising one or two of a phosphoric acid system and a chromic acid system on the surfaces of the steel sheet consisting of, in terms of, in terms of wt%, C: 0.005% or less, Si: 0.05 to 4.0%. Mn: 0.1 to 1.5%, P: 0.15% or less, S: 0.008 to 0.014%, Sol. Al: 0.15% or more, N: 0.01% or less, T. O: 0.02% or less, Sn: 0.01 to 0.3%, and the balance consisting of Fe and unavoidable impurities.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2005
(21) Application No.641/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MODIFIED RESIN FROM CASHEW NUT SHELL LIQUID AND METHOD OF MANUFACTURING THE SAME

(51) International classification :C09D5/08
(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 :**
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(72)**Name of Inventor :**
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2)SUNIL SHAMSUNDER RANE

No of Pages : 19
No of Claims : 12

(57) Abstract :
The present invention comprises a novel process for the manufacture of Cashew Nut Shell liquid (CNSL) based resin modified with phenol / substituted phenols. The novel resin composition is produced by a controlled reaction of CNSL (25 - 50 wt. %),aldehyde / aldehyde releasers (5 - 15 wt %)and phenol (5 - 15 wt %) in presence of alkaline catalyst (0 -10 wt.%) at temperatures between 40ºC and 180ºC. The water resistance, adhesion and corrosion resistance of the resultant resin makes it suitable for use in formulating anticorrosive primer, enamels, waterproof coatings and other paints.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2005
(21) Application No.648/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ENHANCEMENT OF PULMONARY THERAPEUTIC INDEX OF DRUGS FROM DRY POWDER INHALER FORMULATIONS

(51) International classification :A61M15/00 B29C71/00
(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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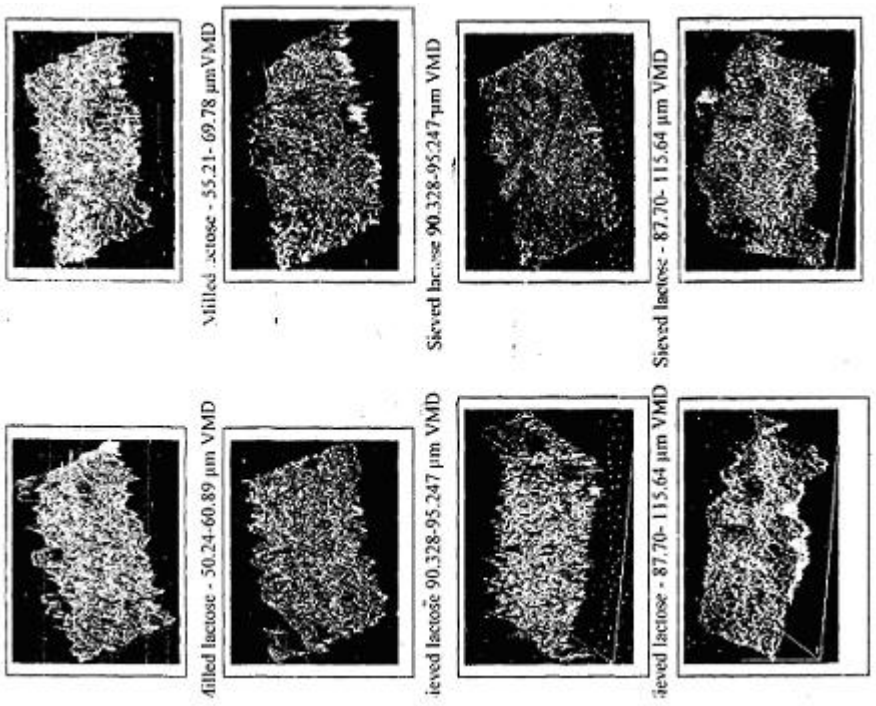
(72)**Name of Inventor :**
1)Misra Ambikanandan
2)Chougule Mahavir Bhupal
3)Padhi Bijay Kumar
4)S. Ganesh

No of Pages : 29
No of Claims : 10

(57) Abstract :
A tertiary ordered mixtures comprised of optimum proportion of micronized carrier (s), coarse carrier (s), and micronized drug (s) with desired mixing sequence of coarse carrier (s)/ micronized carrier (s) Drug (s) to be administered as dry powder for inhalation which stable both physically and chemically, desired flowability, produced commercially in a simple way uniform drug delivery and enhanced FPF/ respirable fraction of drug to the specific sites of lungs in the effective treatment of lung disorders such as asthma COPS and other diseases by using a high/medium /low resistance device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2006
(21) Application No.651/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPUTER-BASED DATA PROCESSING SYSTEM AND METHOD FOR ASSESSING THE EFFECTIVENESS OF KNOWLEDGE TRANSFER

(51) International classification :G06F17/60
(31) Priority Document No :10/871,575
(32) Priority Date :21/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CH2005/000260
Filing Date :10/05/2005
(87) International Publication No :WO2005/124607
(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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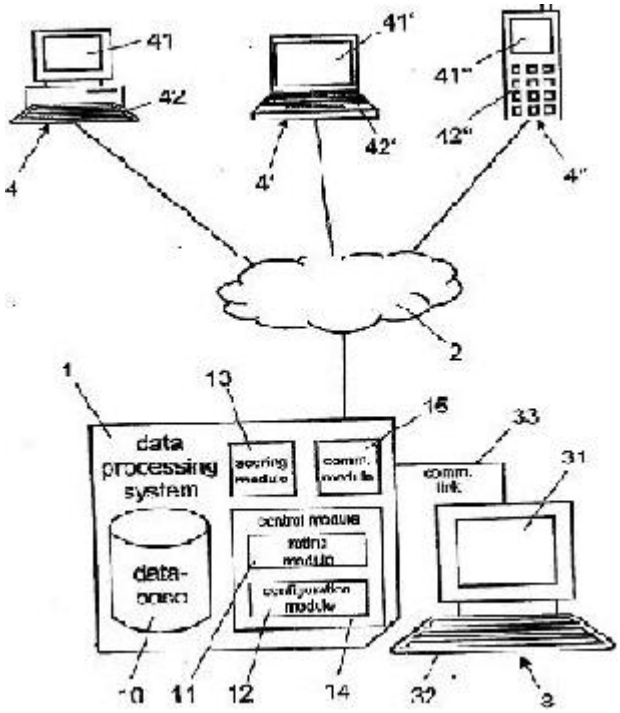
Address of Applicant :MYTHENQUAI 50/60, 8022 ZURICH, Switzerland
(72)**Name of Inventor :**
1)DITTLI, Stefan

No of Pages : 31
No of Claims : 14

(57) Abstract :
A computer-based data processing system for assessing a level of effectiveness of knowledge transfer , the knowledge transfer being directed to more than one defined area of expertise, the system comprising means for storing sets of quality indicators, each set of quality indicators being assigned tone of the defined areas of expertise, a configuration module for specifying for an instance of knowledge transfer selected areas of expertise form the area of expertise , a rating module for receiving and storing rating values assigned to one of the quality indicators of a set assigned to one of the quality indicators of a set assigned to one of the selected areas of expertise, and a scoring module for computing from the rating values assigned o the quality indicators of the sets assigned to the selected areas of expertise the level of effectiveness of the instance of knowledge transfer directed to the selected areas of expertise.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2005
(21) Application No.652/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS OF PREPARING A TERTIARY-NITRILE-SUBSTITUTED AROMATIC COMPOUND

(51) International classification	:C07D231/56 C07D231/00 A61K031/415
(31) Priority Document No	:60/130,175
(32) Priority Date	:20/04/1999
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:353/Mum/2000 :14/04/2000

(71)**Name of Applicant :**
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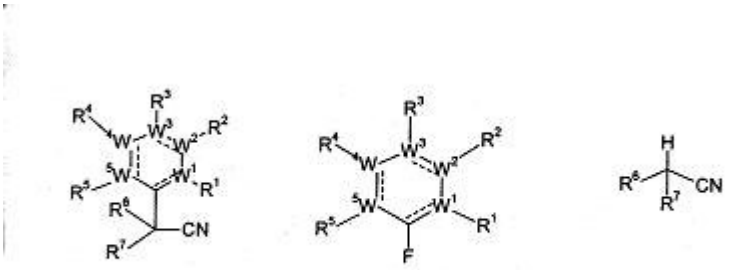
1)STEPHANE CARON

No of Pages : 36
No of Claims : 11

(57) Abstract :
A process is described for preparing an aromatic compound substituted by a tertiary nitrile of Formula (1) comprising treating a substituted aromatic compound of formula (2) with a secondary nitrile of formula (3): in the presence of a base having a pKa numerical value in the range of from about 17 to about 30, provided that the difference in pKa numerical values between said base and the corresponding tertiaty nitirle of Formula (3) is no more than about 6: in an aprotic solvent having dielectric constnat of less than about 20; and at a reaction temperature in the range of form about 0ºC about 120ºC; whereby the constituent parts W¹, W², W³, W4, and W5 and the substituent moieties R¹,R²,R³,R4,R5,R6 and R7 in the compounds p of Formula (1), (2) and (3) are selected form known organic groups and radicals ans further detailed in the instant specification.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2006
(21) Application No.675/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR ADAPTIVELY ALLOCATING RESOURCES BETWEEN A DEDICATED REFERENCE SIGNAL AND A TRAFFIC SIGNAL

(51) International classification :H04Q7/36
(31) Priority Document No :10/728,680
(32) Priority Date :05/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/040431
Filing Date :03/12/2004
(87) International Publication No :WO2005/057976A1
(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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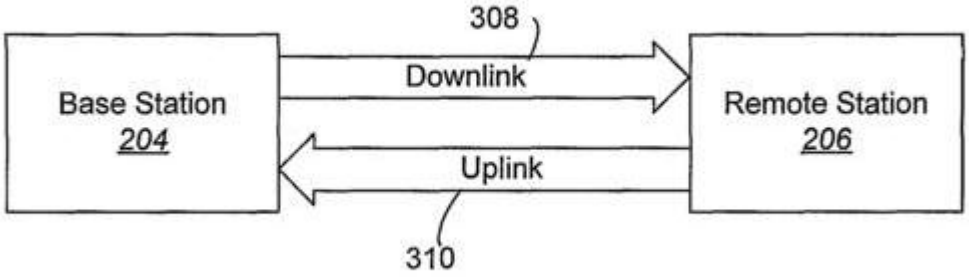
1)FERNANDEZ-CORBATON,IVAN JESUS
2)JAYARAMAN,SRIKANT
3)SWEET, CHARLES WHEELER, III

No of Pages : 40
No of Claims : 37

(57) Abstract :
Systems and methods for adaptively allocating resources between a dedicated reference signal and a traffic signal are disclosed. In an exemplary embodiment, a wireless communication system 100 includes a base station 404. The base station 404 includes a receiver 428 that receives a quality metric 432 from a remote station 106. The quality metric 432 indicates the quality of a signal transmitted from the base station 404 and received by the remote station 106. The base station 404 also includes a resource allocation component 434 that uses the quality metric 432 to allocate a resource between the traffic signal 422 and the dedicated reference signal 418. The base station 404 also includes a transmitter 426 that transmits the traffic signal 422 and the dedicated reference signal 418 to the remote station 106.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2006
(21) Application No.708/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR RECEIVER SELF-PRICED MULTIMEDIA COMMUNICATION OVER THE INTERNET AND A MEMBER POOL INCORPORATING ADVERTISING PLACEMENT IN CONJUNCTION WITH A SEARCH ENGINE

(51) International classification :G06Q 30/00
(31) Priority Document No :60/481,678
(32) Priority Date :20/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/052337
Filing Date :08/11/2004
(87) International Publication No :WO/2005/050344
(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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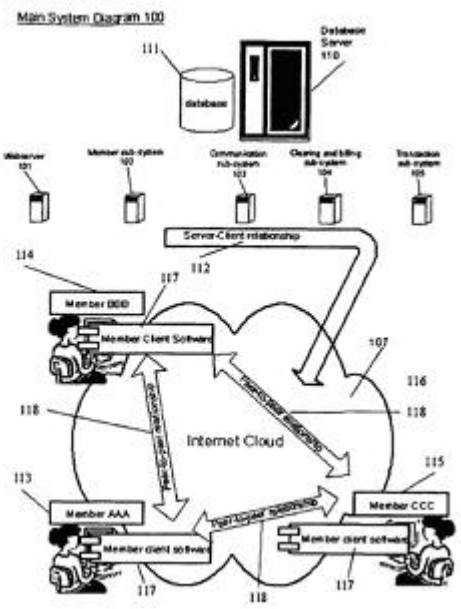
2)FANG,Kuo-Chun
(72)**Name of Inventor :**
1)FANG, Kuo-Chun

No of Pages : 25
No of Claims : 27

(57) Abstract :
The present invention accomplishes billing and collection of multimedia IP calls with receiver designated fee schemes, enabling advance services such as personal 800 or 900 service in the conventional telephony. Internet users register as members via member sub-system,' and acquire a unique member ID across the member pool by downloading and installing client -software, and login to the communication sub-system and enter a 'stand-by for communication' mode. Member chooses a fee flow method among options of 'pay-to-answer (PA)', 'charge -to-answer (CA)', and 'free-to-answer (FA)', and set member's own per-pulse fee rate. Callers find the right receiver by entering keywords in a search box within their IM space or by going through a refined search utilizing such keys as country zip codes, keywords, or fee schemes. Results are returned in a search result page in several variations, preferably: pay-to-answer first, and higher rate on top; free-to-answer, then; and charge-to-answer, then lower rate on top. The higher advertisers such as pay-to-answer providers are rewarded with call icons appearing in a higher position. The search engine sells advertisements with its search results pages and receives a portion of the IM fee flows from a successful connection.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2004
(21) Application No.718/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A UNIT TO CAPTURE IMAGES OF AN OBJECT TO CREATE VIRTUAL REALITY

(51) International classification	:G06T15/00 G06T1/00 G06F17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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2)VINAY RANKA
(72)**Name of Inventor :**
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2)VINAY RANKA

No of Pages : 14
No of Claims : 4

(57) Abstract :
The unit captures the image of the object by making use of a camera, a turntable and software. The unit capture the image of the object from all angles of a hemisphere and present them to the user in an ordered format with software control so that there is an appearance of virtual reality of the object (the object can be turned and observed from all the angles using a mouse on the screen.)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2006

(21) Application No.733/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MEDICAL INSTRUMENT FOR ACCESSING A BREAST DUCT FOR PERFORMING A MEDICAL PROCEDURE AND METHODS THEREOF

(51) International classification :A61B10/00
(31) Priority Document No :10/746,128
(32) Priority Date :23/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/043015
Filing Date :17/12/2004
(87) International Publication No :WO2005/063321A2
(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)FURNISH,Greg,R.
4)WHATLEY,Charles,H.
5)MORRIS,Ben,E.
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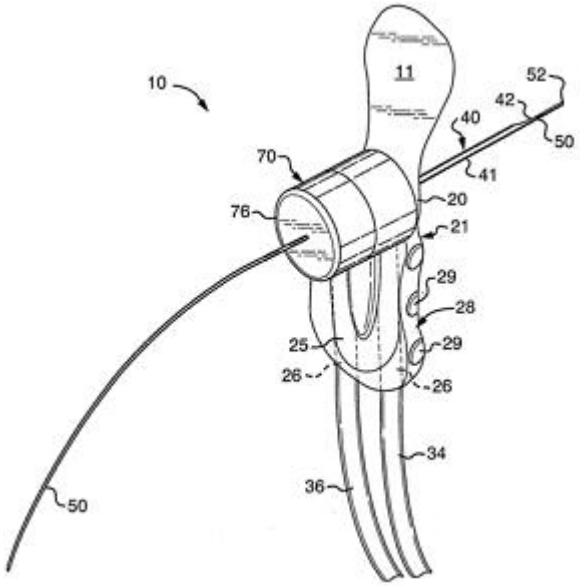
7)MACARTHUR,Douglas
8)HALL,Todd,A.
9)FURNISH,Simon
10)SHEETS,Ellen
11)GUNASEKARA,Indi
12)SMTH.Arthur,L.

No of Pages : 158
No of Claims : 121

(57) Abstract :
A medical instrument (10) including a ductal access device comprising a low profile, ergonomic manifold hub (20) usable to introduce fluids into a breast duct and collect ductal fluid samples including ductal epithelial cells from within a breast duct. The ductal access device also comprises an activate valve and an elongated access catheter (40) having a distal end (42), one lumen (43) and dimensions which permit introduction of the distal end (42) through a ductal orifice and adapted to slideably receive a ductal introducer (50). The introducer (50) may extend beyond the distal tip (42) of the catheter (40) and serve to penetrate the ductal orifice. The methods comprise the opening a ductal sphincter or the manipulation of a breast, duct using controlled fluid pressure through a ductal access device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2004
(21) Application No.751/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED CULTIVATOR

(51) International classification :A01B33/0049/00A01C15
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application 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)SUMAN GAJANAN PINGLE

No of Pages : 10
No of Claims : 5

(57) Abstract :
The present invention is An improved rotary cultivator consisting of a shear bolt system used in a carbon shaft assembly, charactrized in that, said shear both system includes a rotor shaft such that the blade angle and indexing of blade on said rotor shaft result in no more than two blades in contact with the soil.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2004
(21) Application No.757/MUMNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEW COUPLING PROCESS

(51) International classification :C07D 205/04
(31) Priority Document No :0000382-2
(32) Priority Date :07/02/2000
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2001/00177
Filing Date :30/01/2001
(87) International Publication No :WO/2001/056986A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002,00863/MUM
Filed on :26/06/2002

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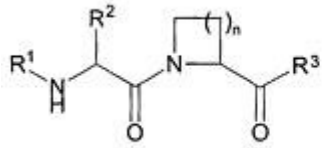
2)DANIEL EDVARDSSON
3)PANAGIOTIS IOANNIDIS
4)MAGNUS SJOGREN
5)MARIA SZONYI

No of Pages : 25
No of Claims : 26

(57) Abstract :
There is provided a process for the production of a compound of formula (I), which process comprises reaction of a compound of formula (II), with a compound of formula (III), wherein R^1, R^2, n and R^3 have meanings given in the description.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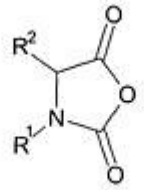
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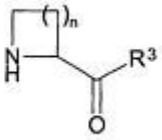
(III)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2005
(21) Application No.775/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR LANGUAGE TRANSLATION IN MOBILE PHONES

(51) International classification :G06F17/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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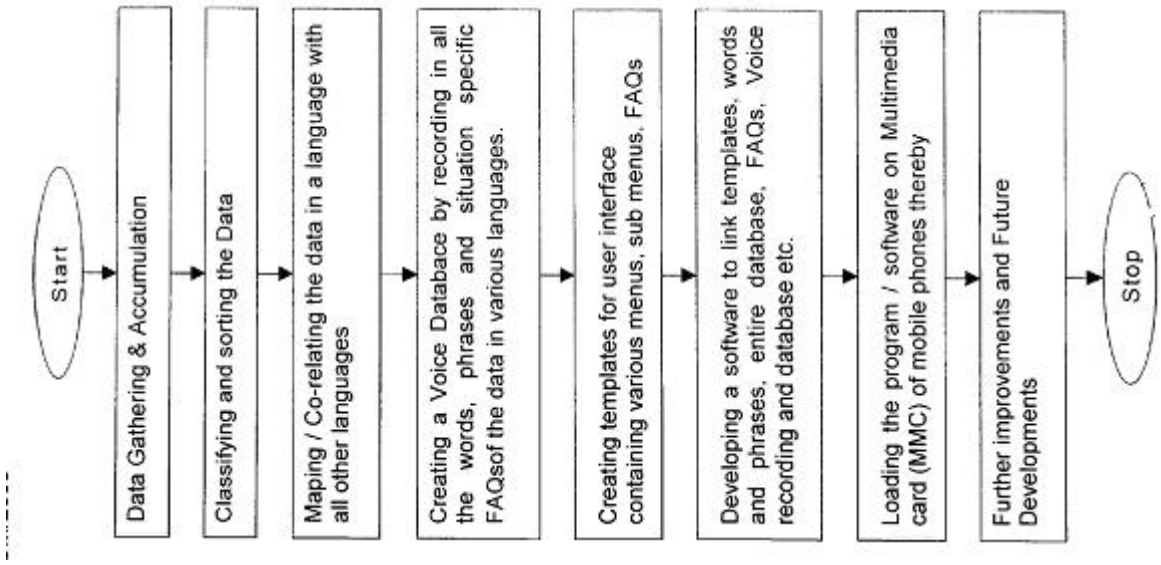
(72)**Name of Inventor :**
1)Amit Zaveri

No of Pages : 27
No of Claims : 16

(57) Abstract :
The present invention provides customization of multi-language conversions in mobile communication devices for allowing a user to acquire practical knowledge of situtational phrases and words along with their corresponding audio version. A database of multiple phrases in multiple languages is created and each phrase written in one language within the database is mapped to the corresponding phrases written in each remaining languages. The user is allowed to access the database such that the user customizes the database according to his / her requirement and thereby switch from one language to another language with one level change only.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2004
(21) Application No.777/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED PROCESS FOR MANUFACTURE OF DETERGENT BAR

(51) International classification :C07C3/00
(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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2)SIVAKUMAR ANANTHASUBRAMANIAN

No of Pages : 29
No of Claims : 10

(57) Abstract :
The invention provides for a process for the manufacture of an aerated solid shaped detergent composition comprising (i) 20-60% of detergent active (ii) 30 to 60% of water and/or polyhydric alcohol (iii) 3-10% of alkali metal salt of fatty acid of carbon chain length in the range of 14 to 22 and an oil all components by weight of the composition which process comprises the steps of (i) preparation of a melt of the detergent composition to be cast; (ii) incorporation of an alkali metal salt of fatty acid of carbon chain length in the range of 14 to 22 and the oil into the melt; (iii) incorporation of air or gas into the said melt; (iv) mixing the melt in a high shear mixer; (v) pouring the said melt into a mould; (vi) cooling the mould to promote solidification of the composition; and (vii) demoulding the solidified-shaped article.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2006
(21) Application No.786/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD FOR THE PRODUCTION AND COLLECTION OF AVIAN GAMETES

(51) International classification :A01K45/00,A01K 67/02
(31) Priority Document No :09/533,141
(32) Priority Date :23/03/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/09250
Filing Date :23/03/2001
(87) International Publication No :WO2001/070015A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/01222/MUM
Filed on :06/09/2002

(71)**Name of Applicant :**
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2)JAMES N.PETITTE
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No of Pages : 22
No of Claims : 24

(57) Abstract :
A method for the production and collection of avian sperm comprises the steps of: providing primordial germ cells from a donor avian species; administering the primordial germ cells to a recipient avian species in ovo; incubating the recipient avian species to hatch; and then collecting sperm of the donor avian species from the recipient avian species. For example, the donor avian species may be a whooping crane, and the recipient avian species may be a sand hill crane. In another example, the donor avian species may be a turkey, and the recipient avian species may be a chicken.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2006
(21) Application No.861/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SKIN LIGHTENING COMPOSITIONS

(51) International classification :A61K7/48
(31) Priority Document No :04250394.6
(32) Priority Date :24/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/013951
Filing Date :01/12/2004
(87) International Publication No :WO2005/070383A1
(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)YATES Paula Rachel

No of Pages : 23
No of Claims : 15

(57) Abstract :
A skin lightening composition is provided which comprises components (a) a flavanoid, (b) vitamin C and (c) vitamin E wherein at least component (b) is provided in a form suitable for systemic administration with the other components being provided in a form suitable for topical administration.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2006
(21) Application No.863/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : POROUS BODIES AND METHOD OF PRODUCTION THEREOF

(51) International classification :C08J9/16 C08J9/28
(31) Priority Document No :0401947.7
(32) Priority Date :28/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/014755
Filing Date :23/12/2004
(87) International Publication No :WO2005/075546A1
(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)FOSTER Alison Jayne
3)RANNARD Steven Paul
4)ZHANG Haifei

No of Pages : 22
No of Claims : 20

(57) Abstract :
Porous bodies which are soluble or dispersible in non-aqueous media comprising a three dimensional open-cell lattice containing (a) 10 to 70% by weight of a polymeric material which is soluble in water immiscible non-aqueous media and (b) 30 to 90% by weight of a surfactant, said porous bodies having an intrusion volume as measured by mercury porosimetry of at least 3 ml/g.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2001
(21) Application No.864/MUM/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SOLENOID ATTACHMENT FOR LINEAR TO ANGULAR MOTION

(51) International classification :F04B49/00
(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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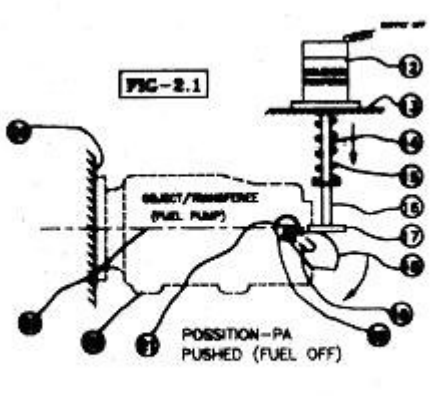
No of Pages : 7
No of Claims : 3

(57) Abstract :
Solenoid (12) as Fig. 2.1 with its core (14) extended road (16) flange (17) which presses the cam (18) and the arm (20) of the Fuel pump (22) having helical coil spring (21) located in the hinge of the arm to retain the original upward position of the arm (19) when flange is lifted by the magnetization of the Solenoid core on energizing with electric supply for “Fuel ON Position”. After de-energizing of the Solenoid the Spring (15) expands and the surface (17) pushes the cam (18) down to “Fuel STOP position” of the pump (22).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2002
(21) Application No.881/MUM/2002 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A GEAR SHIFTING DEVICE FOR A TWO WHEELED VEHICLE

(51) International classification :F16H61/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :326/BOM/1998
Filed on :22/05/1998

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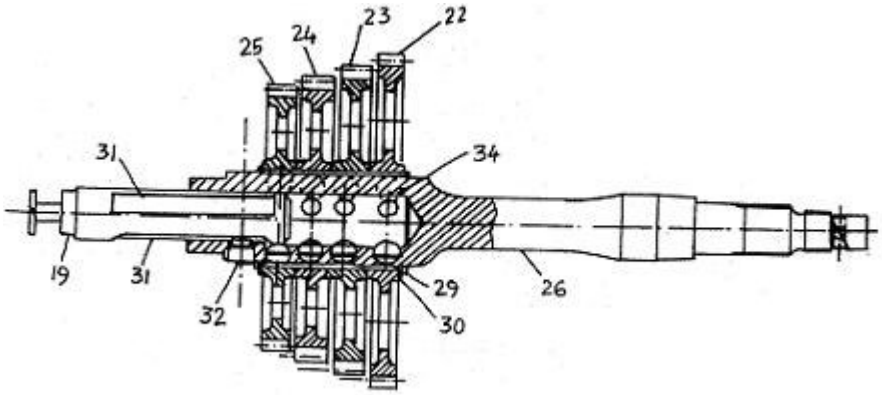
(72)**Name of Inventor :**
1)MARATHE SHRIKANT RAGHUNATH

No of Pages : 21
No of Claims : 9

(57) Abstract :
A gear shifting device for a two wheeled vehicle comprising a left hand operated twist grip, a gear control disc (1) operated by said twist grip through control cable means, said gear control disc having plurality of notches on its outer periphery, a spring (5) loaded lever (6) which keeps said control disc (1) in position with the help of roller (7) in one of said notches, said control disc through lever means being capable of moving forward and backward gear selected pin (19) provided in the main shaft (26), said main shaft being provided with multiple radial holes (33) and steel balls (21) held in position by a expandable circular ring (28) such that at the desired position of gear shift the gear selector pin (19) lifts said balls (21) radially outward through radial holes (33) into the slots provided in the inner periphery of the gears thus transmitting rotary motion of speed gears on to the said main shaft and further to wheel to achieve forward motion.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2004
(21) Application No.888/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN AEROSOL PHARMACEUTICAL SOLUTION FORMULATION SUITABLE FOR ORAL OR NASAL INHALATION CONTAINING GLUCOCORTICOIDS STABLE TO THE STORAGE; METHOD FOR STABILIZING FORMULATIONS AND USE OF A STABILIZER

(51) International classification :A61K9/00 A61K31/135
(31) Priority Document No :P030103969
(32) Priority Date :30/10/2003
(33) Name of priority country :Argentina
(86) International Application 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)FABIAN DE BONIS

No of Pages : 17
No of Claims : 13

(57) Abstract :
Aerosol pharmaceutical solution formulations containing glucocorticosteroids stabilized by adding water or a mixture of water and citric acid, avoiding corrosion of the elements of container under standard storage conditions are described. The formulations comprise: - between 0.05 and 1.0% by weight of a glucocorticoid having a C-20 ketone and OH group in carbons 17 and/or 21 as active substance; - between 0.10 and 3% by weight of a selected stabilizer selected between water, or a mixture of water and organic acid selected between citric acid and tartaric acid; - a cosolvent in amount sufficient to solubilize the active substance; - optionally a surfactant; and - propellant in sufficient amount to achieve 100% by weight of the finished solution. Glucocorticosteroids having a C-20 ketone and an OH group at the C-17 and/or 21 position with varying substituents, have many well-known therapeutic uses, especially based upon their anti-inflammatory activity. This types of steroids, glucocorticosteroids, and their pharmaceutical formulations are useful in the treatment of several diseases including bronchial disorders and inflammatory conditions. Preferably, the glucocorticoid is selected between Triamcinolone Acetonide, budesonide, Dexamethasone and betamethasone 17-valerate. A method for stabilizing aerosol pharmaceutical solution formulation containing glucocorticoids susceptible to oxidative degradation and use of a stabilizer selected between water and a mixture of water and organic acid selected between citric acid and tartaric acid are also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2006

(21) Application No.908/MUMNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INNER SHELL FOR SAFETY HELMETS AND METHOD OF PRODUCING THE SAME

(51) International classification :A42B3/12
(31) Priority Document No :10-2004-0002573
(32) Priority Date :14/01/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/001409
Filing Date :14/06/2004
(87) International Publication No :WO2005/067752A1
(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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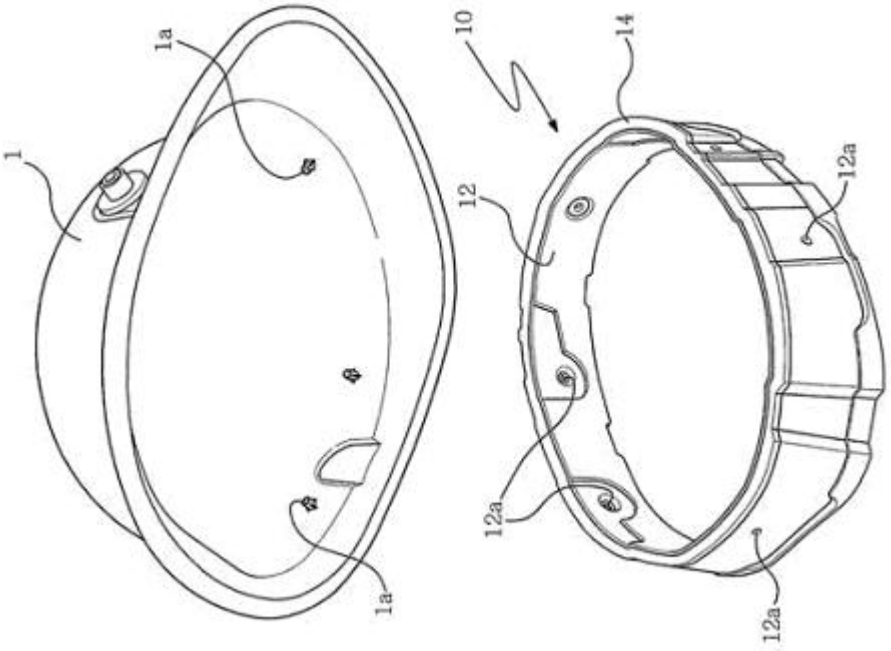
(72)**Name of Inventor :**
1)KIM,Jong-kee

No of Pages : 19
No of Claims : 5

(57) Abstract :
Disclosed is an inner shell for safety helmets, which is massproduced and has a structure capable of efficiently absorbing and dispersing an impact, and a method of producing the same, which ensures the reduced material costs and the improved workability and productivity. The inner shell (10) includes a liner member (12) having openings at upper and lower parts thereof, and an impact absorbing member (14) surrounding a circumference of the liner member (12). The method includes injection-molding a molten plastic resin into a predetermined shape of liner member (12), putting the molded liner member (12) in a metal mold, forming the impact absorbing member (14) using a foamed resin, including Styrofoam, a polyethylene foam, and a urethane foam, in the metal mold after the metal mold is hermetically sealed, separating the inner shell (10) from the metal mold, and finishing the inner shell (10).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2004
(21) Application No.916/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRIVATE NETWORK ACCESS POINT ROUTER FOR INTERCONNECTING AMONG INTERNET ROUTE PROVIDERS

(51) International classification :H04L12/56
(31) Priority Document No :08/922,954
(32) Priority Date :03/09/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WHEELER, CHRISTOPHER D.
2)RONEN, OPHIR

No of Pages : 80
No of Claims : 29

(57) Abstract :
List all PNAP provides AS numbers. List all As numbers which peer at NAPs but not associated with PNAP providers. Take the union of all provider AS number and AS numbers associated with NAPs and subtract out AS numbers associated with current provider. Deny resulting list on routes received from current provider to approximate the routes which are deemed to be destined within current provider's network by tagging these routes' with the primary local preference value. For all routes which were denied, attch the secondary local preference value. Set PNAP provider local preferences causing the PNAP provider to select direct routing from PNAP provider to PNAP. Make changes to AS path length of routes advertised by the PNAP to each PNAP provider to cause providers not directly connected to the PNAP to use tlie same preselected PNAP provider as tine PNAP uses to send to the providers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2004
(21) Application No.966/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A FOLDER

(51) International classification :B42F7/06 B42F11/02
(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

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(72)**Name of Inventor :**
1)MOHAN DEWAN

No of Pages : 17
No of Claims : 22

(57) Abstract :
A folder, for holding, carrying and storing paper documents in waterproof manner, comprising of a base board, made of a rigid and strong material, two pairs of arms made of flexible waterproof and strong material, rigidly fixed to the sides of the said base board, two pairs of straps provided, one strap with each arm, one end of each strap rigidly fixed to the arm at the end overlapping the said board, in its middle portion and the other end of each of the said straps provided with a male or female Velcro fastener such that the two straps on the opposite side arms form Velcro fastener pair.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2004
(21) Application No.967/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR DISPENSING PORTIONS OF FROZEN AERATED EDIBLE PRODUCTS

(51) International classification	:A23G9/22 A23G9/28 A23G9/32 A23G9/04
(31) Priority Document No	:02252321
(32) Priority Date	:28/03/2002
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:304/MUM/2003 :26/03/2003

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1)BINLEY, GARY NORMAN
2)COCKINGS, TERENCE RICHARD LAWRENCE
3)WANG-NOLAN, WEI

No of Pages : 12
No of Claims : 4

(57) Abstract :
Equipment for dispensing into a container a portion of a consumable product comprising a frozen aerated product with particulate inclusions of a specified size range comprising; a source of frozen aerated product supplying means into which is loaded a serving of particulate inclusions of said specified size range a mixing chamber in which the frozen aerated product and the particulate inclusions are mixed metering means controlling the flow of a serving of frozen aerated product from the source of frozen aerated product through the mixing chamber transferring means of transfer the serving of particulate inclusions from the supplying aerated product is flowing through the mixing chamber means for dispensing the consumable product into the container.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2004
(21) Application No.977/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : KEY

(51) International classification :E05B19/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)THOTTUVAI SIVASUBRAMANI MURALI

No of Pages : 13
No of Claims : 4

(57) Abstract :
A key has a flat key body having blade extending along a longitudinal insert axis and having front face formed with angled notches, and pair of oppositely directed faces. Each face is formed with atleast one longitudinally extending front grooves extending adjacent the front edge a full length of blade and having depth less than half of transverse thickness of the blade, and angled grooves transversely directed to blade extending through the edge face of blade and angled grooves transversely directed to blade edge extending through the opposite edge of the blank. The angled groove of one face extends parallel to the angled groove of the opposite face in opposite direction transversely.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2005
(21) Application No.99/MUM/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EMULSIFIABLE HERBICIDAL FORMULATION OF PHENYLTHIOPYRIMIDINES

(51) International classification :A01N37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :487/mum/2004
Filed on :27/04/2004

(71)**Name of Applicant :**
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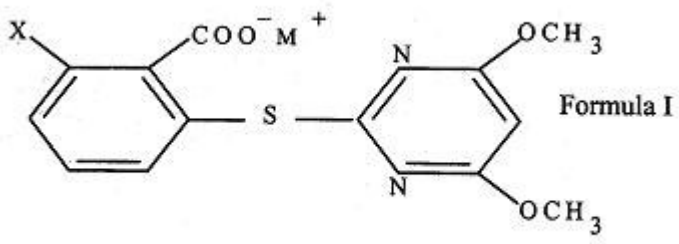
1)Naik Parag Vilas
2)Iyer Ramaswamy
3)Ramraj Velaswamy Munuswamy
4)Vyas Brahmanand Ambashankar
5)Mistry Keki Bamanshaw
6)Godrej Nadir Burjor

No of Pages : 19
No of Claims : 4

(57) Abstract :
An emulsifiable herbicidal formulation comprising 5 to 45% by weight of phenylthiopyrimidines of the Formula I; wherein X is a halogen atom such as fluro, chloro, bromo or iodo and M is an alkali metal ion such as sodium or potassium in combination with 15 to 50% by weight of ethoxylated lauryl alcohol and ethoxylated octyl phenol in the weight ratio of 10:90-90:10 and 40 to 80% by weight of water.



Formula I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2004
(21) Application No.994/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K9/00 A61K31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)MALHOTRA,GEENA

No of Pages : 34
No of Claims : 33

(57) Abstract :
A pharmaceutical composition comprising a therapeutically effective isomer of a betamimetic agent or a salt, solvate, ester, prodrug, polymorph or derivative thereof substantially free of the less therapeutically effective isomer (s) of said agent, and a mucolytic agent or salt, solvate, ester, prodrug, polymorph, enantiomer or derivative thereof. Methods of making the compositions of the invention are also provide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2004
(21) Application No.999/MUM/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR MANUFACTURE OF CONSOLIDATED NONWOVEN STRUCTURE CONSISTING OF CONTINUOUS CELLULOSIC FILAMENTS AND THE NON-WOVEN PREPARED THEREFROM

(51) International classification	:D04H3/02 D01F2/00
(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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3)SHRIVASTAVA ADITYA NARAYAN
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No of Pages : 45
No of Claims : 17

(57) Abstract :
The present invention relates to a process for preparing a non-woven cellulosic structure comprising the steps of extruding continuous filaments from a cellulosic solution; passing the extruded filaments through a regenerating liquid to attenuate the filaments and laying the attenuated filaments into a web and to the non-woven cellulosic structure prepared therefrom.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2001

(21) Application No.IN/PCT/2001/00893/MUM A
(43) Publication Date : 25/05/2007

(54) Title of the invention : QUINAZOLINE DERIVATIVES AS ANGIOGENESIS INHIBITORS

(51) International classification	:A61K 31/505, C07D 40
(31) Priority Document No	:99400305.1
(32) Priority Date	:10/02/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/GB00/00373 :08/02/2000
(87) International Publication No	:WO 00/47212 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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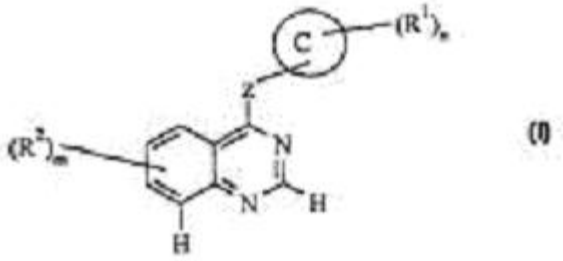
3)DARREN MCKERRECHER

No of Pages : 125
No of Claims : 22

(57) Abstract :
The invention relates to the use of compounds of formula (I), wherein ring C is an 8, 9, 10, 12 or 13-membered bicyclic or tricyclic moiety which optionally may contain 1-3 heteroatoms selected independently from O, N and S; Z is -O-, -NH-, -S-, -CH2- or a direct bond; n is 0-5; m is 0-3; R2 represents hydrogen, hydroxy, halogeno, cyano, nitro, trifluoromethyl, C1-3alkyl, C1-3alkoxy, C1-3alkylsulphanyl, -NR3R4 (wherein R3 and R4, which may be the same or different, each represents hydrogen or C1-3alkyl), or R5X1- (wherein X1 and R5 are as defined herein; R1 represents hydrogen, oxo, halogeno, hydroxy, C1-4alkoxy, C1-4alkyl, C1-4alkoxymethyl, C1-4alkanoyl, C1-4haloalkyl, cyano, amino, C2-5alkenyl, C2-5alkynyl, C1-3alkanoyloxy, nitro, C1-4alkanoylamino, C1-4alkoxycarbonyl, C1-4alkylsulphanyl, C1-4alkylsulphinyl, C1-4alkylsulphonyl, carbamoyl, N-C1-4alkylcarbamoyl, N,N-di(C1-4alkyl)carbamoyl, aminosulphonyl, N-C1-4alkylaminosulphonyl, N,N-di(C1-4alkyl)aminosulphonyl, N-(C1-4alkylsulphonyl)amino, N-(C1-4alkylsulphonyl)-N-(C1-4alkyl)amino, N,N-di(C1-4alkylsulphonyl)amino, a C3-7alkylene chain joined to two ring C carbon atoms, C1-4alkanoylaminoC1-4alkyl, carboxy or a group R56X10 (wherein X10 and R56 are as defined herein); and salts thereof, in the manufacture of a medicament for use in the production of an antiangiogenic and/or vascular permeability reducing effect in warm-blooded animals, processes for the preparation of such compounds, pharmaceutical compositions containing a compound of formula (I) or a pharmaceutically acceptable salt thereof as active ingredient and compounds of formula (I). The compounds of formula (I) and the pharmaceutically acceptable salts thereof inhibit the effects of VEGF, a property of value in the treatment of a number of disease states including cancer and rheumatoid arthritis



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2001

(21) Application No.IN/PCT/2001/01554/MUM A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTI-MICROBIAL FIBER AND FIBROUS PRODUCTS

(51) International classification :A01N 57/16
(31) Priority Document No :60/136,261
(32) Priority Date :27/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/14412
Filing Date :25/05/2000
(87) International Publication No :WO 00/73552 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)GORDON J. GOODWIN
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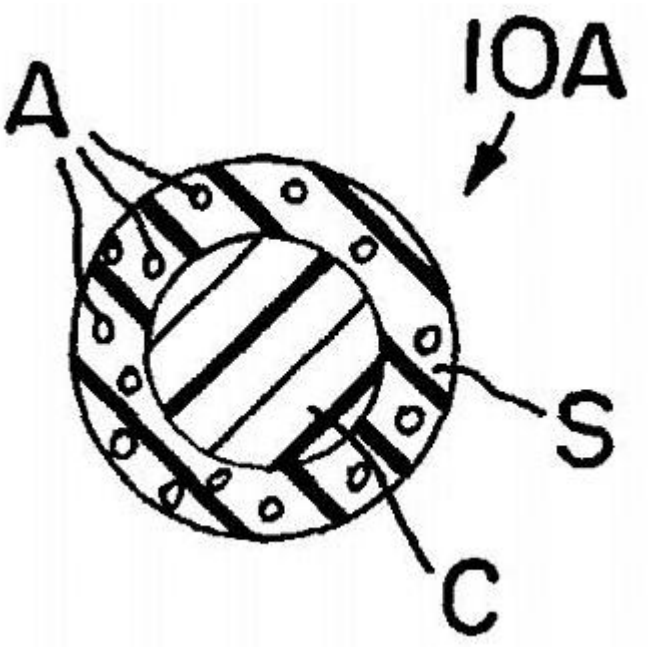
7)JAMES M. PARLIER
8)KIM GOUDREAULT
9)STEVEN R. BROWN

No of Pages : 111
No of Claims : 81

(57) Abstract :
An anti-microbial and/or anti-fungal synthetic fiber and various products made partially or wholly therefrom. The fiber comprises various thermoplastic polymers and additives in a mono-component form or a bi-component form in either a core-sheath or side-by-side configurations. The anti-microbial synthetic fibers comprise inorganic anti-microbial additives, distributed in certain areas to reduce the amount of the anti-microbial agents being used, and therefore the cost of such fibers. The fibers can incorporate anti-microbial additives so that they are not removed by repeated washing in boiling water and in dry clean cycles and become ineffective and conversely enhance access to the additives by washing or the like. The fibers comprise high tenacity polymers (e.g. PET) in one portion and hydrolysis resistance polymers (e.g. PCT) in another portion with the additives. The fibers can further be blended with non-anti-microbial fibers such as cotton, wool, polyester, acrylic, nylon etc. to provide anti-microbial finished fabrics.



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

(21) Application No.IN/PCT/2001/01636/MUM A
(43) Publication Date : 25/05/2007

(54) Title of the invention : POLYMORPHIC SALT

(51) International classification :C07D403/06
(31) Priority Document No :9922963.5
(32) Priority Date :28/09/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB00/01305
Filing Date :14/09/2000
(87) International Publication No :WO 2001/023377
(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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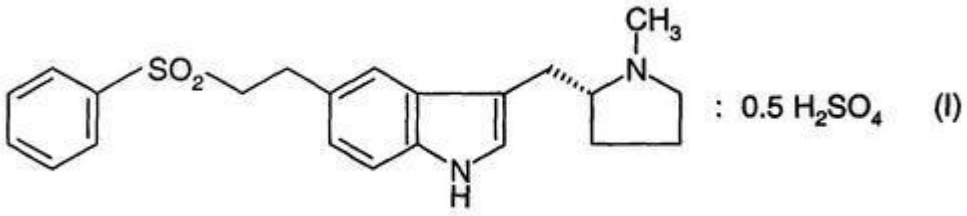
2)SIMON ARNOLD HOWARD-FIELD
3)RONALD JAMES OGILVIE

No of Pages : 23

No of Claims : 9

(57) Abstract :
The present invention is concerned with a crystalline, polymorphic form of a compound of formula (I) characterised by a powder X-ray diffraction pattern obtained using copper K-alpha$_1$ radiation (λ = 0.15046nm) which shows main peaks at 9.28, 10.38, 11.37, 12.40, 16.84, 17.46, 17.53, 17.78, 17.98, 19.48, 20.70, 21.29, 21.45, 22.21, 22.64, 23.08, 25.20 and 25.79. The invention also relates to processes for the preparation of said form, to pharmaceutical compositions containing same and to its use in medicine, particularly the treatment of conditions for which an agonist of 5-HT$_1$ receptors is indicated, for example, migraineThe present invention is concerned with a crystalline, polymorphic form of a compound of formula (I) characterised by a powder X-ray diffraction pattern obtained using copper K-alpha$_1$ radiation (λ = 0.15046nm) which shows main peaks at 9.28, 10.38, 11.37, 12.40, 16.84, 17.46, 17.53, 17.78, 17.98, 19.48, 20.70, 21.29, 21.45, 22.21, 22.64, 23.08, 25.20 and 25.79. The invention also relates to processes for the preparation of said form, to pharmaceutical compositions containing same and to its use in medicine, particularly the treatment of conditions for which an agonist of 5-HT$_1$ receptors is indicated, for example, migraine



: 0.5 H_2SO_4 (I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2002
(21) Application No.IN/PCT/2002/00030/MUM A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ADMINISTRATION OF NON-ORAL ANDROGENIC STEROIDS TO WOMAN

(51) International classification :A61K 31/56
(31) Priority Document No :60/138,851
(32) Priority Date :11/06/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/15834
Filing Date :09/06/2000
(87) International Publication No :WO 00/76522 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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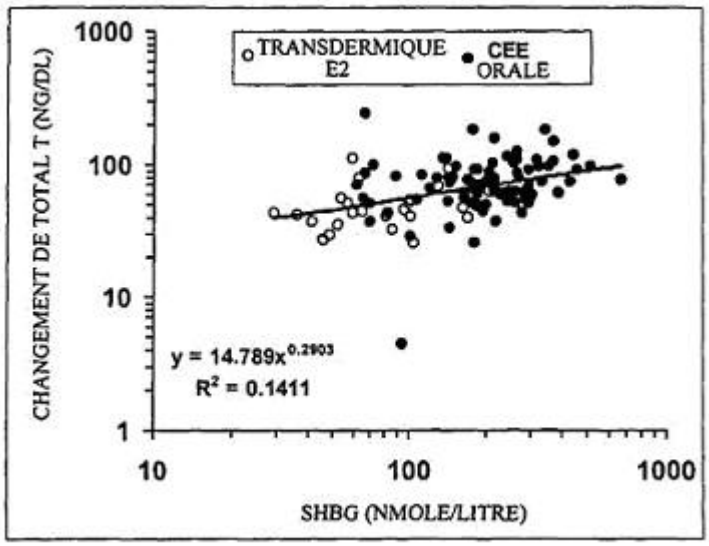
(72)**Name of Inventor :**
1)ROSARIO-JANSEN, THERESA
2)MAZER, NORMAN A

No of Pages : 41
No of Claims : 44

(57) Abstract :
The present invention provides compositions, methods, and kits for improving health in a woman having elevated sex hormone binding globulin (SHBG) levels, or who is receiving oral estrogen supplementation, by non-orally administering an effective amount of an androgenic steroid. Further, the present invention provides compositions, methods and kits for coadministering an effective amount of an orally administered estrogen and an effective amount of a non-orally administered androgenic steroid for women in need of estrogen supplementation. Fig. 1 shows the change in total testoterone level versus baseline SHBG level during application of transdermal testoterone patch (300 mcg/day nominal delivery) to patients concomitantly receiving transdermal estradiol or oral conjugated equine estrogens. Fig. 2 shows the change in free testoterone level versus baseline SHBG level during application of transdermal testosterone patch (300 mcg/day nominal delivery) to patients concomitantly receiving transdermal estradiol or oral conjugated equine estrogens.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2002
(21) Application No.IN/PCT/2002/00031/MUM A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD OF FORTIFYING A CEREAL GRAIN KERNEL WITH A COATING CONTAINING A METAL AMINO ACID CHELATE

(51) International classification :A23L1/304
(31) Priority Document No :09/335,934
(32) Priority Date :18/06/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/16715
Filing Date :16/06/2000
(87) International Publication No :WO00/78161 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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No of Pages : 21
No of Claims : 16

(57) Abstract :
A method of fortifying a cereal grain kernel with a coating containing a metal amino acid chelate comprising: providing (a) a cereal grain kernel and (b) a coating solution comprised of a metal amino acid chelate having a ligand to metal molar ratio of from 1:1 to 4:1 and a stabilizer carrier; and coating said kernel with said solution.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2006

(21) Application No.1036/CHENP/2006 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : LATERAL ION PUMPING IN LIQUID CRYSTAL DISPLAYS

(51) International classification :G02F 1/1333
(31) Priority Document No :03103239.4
(32) Priority Date :28/08/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051469
Filing Date :17/08/2004
(87) International Publication No :WO 2005/022244
(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)VERSCHUEREN, Alwin, R., M.
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3)STOJMENOVIK, Goran

No of Pages : 21

No of Claims : 11

(57) Abstract :
The present invention relates to the removal of ion (42, 44, 902) contaminations from liquid crystal layers (901) in liquid crystal display devices (900). The ions (42, 44, 902) are removed by means of so called ion pumping, which utilizes the anisotropic viscosity of liquid crystals. The ions (42, 44, 902) are pumped up and down in the liquid crystal layer by means of an alternating electric filed. The alternating electric field simultaneously alters the alignment of directors (41) in the liquid crystal. The viscosity in the liquid crystal is related to the director directions, and the ions (42, 44, 902) are thereby moved in non-closed trajectories (43, 45). The inventive ion pumping can be further improved using an asymmetric or biased alternating electric field.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2005
(21) Application No.1065/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A POLYAMIDE AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C08G 69/02
(31) Priority Document No :102 50 767.8
(32) Priority Date :30/10/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/011931
Filing Date :28/10/2003
(87) International Publication No :WO/2004/039861
(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)WINTERLING, Helmut
2)DEMETER, Jurgen
3)KREMPEL, Kurt

No of Pages : 15
No of Claims : 7

(57) Abstract :
The invention relates to a polyamide comprising a compound having at least one hydroxyl group, chemically bonded to the end of the polymer chain by means of an amide group, a method for production of such a polyamide, and fibres, films and moulded bodies comprising at least one such polyamide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2003
(21) Application No.1163/CHENP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HIGH-STRENGTH ISOTROPIC STEEL,SHEET MANUFACTURING PROCESS AND SHEET OBTAINED

(51) International classification :C21D 8/04
(31) Priority Document No :01/01126
(32) Priority Date :26/01/2001
(33) Name of priority country :France
(86) International Application No :PCT/FR2002/000225
Filing Date :21/01/2002
(87) International Publication No :WO/2002/059384
(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)MESCOLINI, Dominique

No of Pages : 18
No of Claims : 11

(57) Abstract :
The present invention relates to a steel whose composition comprises, expressed in % by weight: $0.03 \leq C \leq 0.06$,$0.50 \leq Mn \leq 1.10$, $0.08 \leq Si \leq 0.20$,$0.015 \leq Al \leq 0.070$, $N \leq 0.007$, $Ni \leq 0.040$, $Cu \leq 0.040$, $P \leq 0.035$, $S \leq 0.015$, $Mo \leq 0.008$, $Ti \leq 0.005$, it being understood that it al includes boron in an amount such that: $0.65 \leq B/N \leq 1.60$, the balance of the composition being formed from iron and impurities resulting from the smelting.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2005
(21) Application No.1247/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A UNITARY FILM STRUCTRE OF A POLYMERIC RESIN

(51) International classification :A44B 18/00
(31) Priority Document No :10/321,899
(32) Priority Date :17/12/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/034994
Filing Date :03/11/2003
(87) International Publication No :WO/2004/060096
(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)SETH, Jayshree

No of Pages : 16
No of Claims : 9

(57) Abstract :
The invention relates to a unitary film structure of a polymeric resin comprising a film base layer having generally parallel upper and lower major surfaces and having projections being arranged in rows with at least 50 spaced projections per centimeter in a row projecting from at least the upper major surface of said film base layer, characterized in that the projections are hook members which have base portions and head portions that extend in a direction transverse to the direction of rows of the hook members.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2005
(21) Application No.1353/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A DEVICE FOR HOT-DIP COATING A METAL BAR STRAND"

(51) International classification :C23C 02/00
(31) Priority Document No :102 54 513.8
(32) Priority Date :22/11/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/011890
Filing Date :25/10/2003
(87) International Publication No :WO/2004/048633
(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 : 14
No of Claims : 9

(57) Abstract :
The invention relates to a device for hot-dip coating a metal bar (1), particularly a steel strip, in which the metal bar (1) is vertically directed through a container (3) receiving the molten coating metal (2) and a directing channel (4) that is arranged upstream thereof. Said device comprises at least two inductors (5) which are disposed on both sides of the metal bar (1) in the zone of the directing channel (4) and generate an electromagnetic field for retaining the coating metal (2) within the container (3). In order to better control the coating process, the inventive device is characterized by a sealing means (7, 7') which is arranged above the directing channel (4) in the bottom area (6) of the container (3) and alternatively releases or interrupts the flow of molten coating metal (2) to the metal bar (1) and/or the directing channel (4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2005
(21) Application No.1374/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS FOR IRONING OR PRESSING SHIRTS AND A METHOD FOR GENERATING A CREASE

(51) International classification :D06F 73/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2002/014746
Filing Date :23/12/2002
(87) International Publication No :WO/2004/057089
(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 : 15
No of Claims : 21

(57) Abstract :
The invention relates to an apparatus for ironing or pressing shirts with a frame (1) over which the shirt is drawn, the frame (1) comprises at least one lateral moveable and adjustable blade (3), and with a steam supply (13) for penetrating the shirt being pulled over the frame (1) with steam; characterized in that the frame (1) comprises a flat middle part (2), whereby at least two blades (3) are moveable askew to the longitudinal axis of the shirt adjustably attached to each side of the middle part of the frame. The invention also relates to a method for generating a crease.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2005
(21) Application No.1425/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PREPARATING ALKALI- AND HEAT-STABLE SUGAR ALCOHOL COMPOSITIONS AND A SORBITOL COMPOSITION

(51) International classification :C07C 29/74
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2002/014916
Filing Date :30/12/2002
(87) International Publication No :WO/2004/058671
(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 : 19
No of Claims : 16

(57) Abstract :
The present invention relates to a process for preparing alkali- and heat-stable sugar alcohol compositions which exhibit an optical density lower than or equal to 0.100 in an S-test, characterized in that a sugar alcohol composition is treated with a strong base anion exchange resin in the hydroxide fOffil, at a temperature between 30Â°C and 100Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006
(21) Application No.1493/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LABEL-FREE DETECTION OF BIOMOLECULES

(51) International classification :G01N33/543
(31) Priority Document No :03103597.5
(32) Priority Date :29/09/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051794
Filing Date :20/09/2004
(87) International Publication No :WO/2005/031352
(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)STAPERT, HENDRIK, R.

No of Pages : 26
No of Claims : 22

(57) Abstract :
The invention provides a method and a device for label-free detection of biomolecules or analytes in a sample liquid. The method comprises the steps of allowing an analyte to bind to one of at least two conductive surfaces. An alternating electrical field between at least two conductive surfaces. Amplitude and phase of an alternating current, flowing between the at least two conductive surface, are compared with amplitude and phase of a reference signal. From the difference between both currents it is possible to determine whether an analyte is present at the conductive surface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2005
(21) Application No.1497/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PREPARING SUBSTITUTED IMIDAZOLE DERIVATIVES AND INTERMEDIATES USED IN THE PROCESS

(51) International classification :C07D 233/54
(31) Priority Document No :20030026
(32) Priority Date :08/01/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000004
Filing Date :08/01/2004
(87) International Publication No :WO/2004/063168
(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 : 14
No of Claims : 10

(57) Abstract :
The invention relates to a process for preparing substituted imidazole derivatives of formula (I) and acid addition salts thereof (I) in which formula Y is -CH2- or -CO-, R1 is H, halo or hydroxy, R2 is H or halo and R3 is H or lower alkyl, starting from a compound of formula (II) wherein Y, R1, R2 and R3 are as defined above. The invention also relates to intermediates and their preparation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2006
(21) Application No.1593/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTIPLE LAYER OPTICAL DISC, AND DEVICE FOR WRITING SUCH DISC

(51) International classification :G11B27/30
(31) Priority Document No :03103700.5
(32) Priority Date :06/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051866
Filing Date :27/09/2004
(87) International Publication No :WO/2005/034129
(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)BRONDIJK, Robert, A.

No of Pages : 19
No of Claims : 25

(57) Abstract :
A data storage system (1) comprises:an optical disc (2) having a physical storage space (3) comprising two layers (W;Ll) of physical storage locations, the physical storage space comprising.a logical storage space (1-9S) which contains storage locations within a first layer (1.0) and within a second 5 layer (Ll). the storage locations in said logical storage space having contiguously numbered logical addresses (IA);a disc drive (10) capable of writing infonnation in the logical storage space of said optical disc;the disc drive having an address limit memory (12) containing at least a value 10 for a parameter LAmax indicating the maximum value of said logical addresses of the storage locations (4) in said first storage layer (ID);the disc drive (10) being capable of changing the value in said address limit memory (12);and a host device (20) capable of cooperating with said disc drive (10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2006
(21) Application No.1596/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD, SYSTEM, PLAYBACK DEVICE AND RECORDER FOR DUPLICATING MULTI LAYER RECORD CARRIERS

(51) International classification :G11B 27/034,
(31) Priority Document No :03103689.0
(32) Priority Date :06/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/051831
Filing Date :23/09/2004
(87) International Publication No :WO/2005/034102
(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 : 23
No of Claims : 9

(57) Abstract :
When a multi layer record carrier comprising video information is to be duplicated on another multi layer record carrier the data spread over two recording layers on the source record carrier must also be spread over the layers of the target record carrier. In order to avoid the processing of the video data to find an appropriate layer transition point the playback device provides the logical address of the layer transition point of the source record carrier to the recorder and the recorder uses this logical address to implement the layer transition on the target record carrier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2006
(21) Application No.1607/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DETECTION OF A WATERMARK IN A DIGITAL SIGNAL

(51) International classification :G06T1/00
(31) Priority Document No :03103749.2
(32) Priority Date :10/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB04/051991
Filing Date :06/10/2004
(87) International Publication No :WO/2005/036459
(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 : 12
No of Claims : 10

(57) Abstract :
Watermark detectors have a buffer in which a number of image tiles are folded and accumulated prior to computing the correlation between buffer contents and the watermark pattern being looked for. The intention of the folding and accumulation process is to average out the video content while accumulating the embedded watermark energy. This no longer appears to hold for strongly compressed video, such as DIVX, which exhibits a lot of artificial noise and undesired similarity (block patterns). As a result thereof, correlation peaks are often below the threshold. In a similar manner, the compression affects scale detection. According to this invention, only frames (or parts thereof) that are not so heavily compressed and therefore have a high probability of carrying enough watermark energy are folded and accumulated. To this end, a quality metric is calculated, the quality metric being indicative of the degree of compression of the data. The quality metric may be calculated based on the compressed data itself or derived from the decompressed base-band data. An advantageous example is the number of non-zero DCT coefficients of a (residue) frame. A determination is then made as to whether to exclude the frame (or part thereof) from the watermark decode process. The quality metric may also be used to select data for use in a scale detection process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2005
(21) Application No.1694/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A FRONT LOADING SYRINGE SUPPORT DEVICE FOR AN ANGIOGRAPHIC INJECTOR

(51) International classification :A61G 12/00
(31) Priority Document No :03/00927
(32) Priority Date :28/01/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/000075
Filing Date :15/01/2004
(87) International Publication No :WO/2004/078237
(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 : 10
No of Claims : 8

(57) Abstract :
The invention relates to a support device (3) which is designed to be fixed to the front face (4) of the injector and which is used to position an angiographic syringe (1) comprising a body (7) having an outer relief (30) and a non-circular transverse section at said relief. The inventive device, which is extended at the front by means of a syringe body support cradle (23), comprises a hole which opens upwards (24) and which consists of (i) a non-circular transverse section which is joined to a part of the transverse section of the body of the syringe at the above-mentioned relief, and (ii) a front stop face for said relief. The aforementioned hole (24) comprises a central part (31) having a transverse section in the form of an arc of circle which extends into two diametrically-opposed slots (32).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2006
(21) Application No.1699/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN OPTICAL DATA READING/WRITING DEVICE HAVING TWIN READ AND WRITE BEAMS

(51) International classification :G11B 7/135
(31) Priority Document No :03103803.7
(32) Priority Date :15/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/052015
Filing Date :07/10/2004
(87) International Publication No :WO/2005/038784
(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 : 13
No of Claims : 14

(57) Abstract :
A method is proposed that allows a static design of an optical pickup unit (OPU) that delivers two output beams (30, 32). Both laser beams (30,32) result in successive spots, which have the appropriate characteristics. In this OPU concept both read and write spots are present at the same time, and they are sufficiently spaced apart in the focus 5 direction. This allows switching from the read situation to the write situation by introducing an appropriate focus offset in the electronics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2006
(21) Application No.1702/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BALANCED DISPARITY FRAME SYNC

(51) International classification :G11B20/14,H03M5/14
(31) Priority Document No :03103776.5
(32) Priority Date :13/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/052014
Filing Date :07/10/2004
(87) International Publication No :WO/2005/036551
(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 : 39
No of Claims : 20

(57) Abstract :
A coder is fed with pre-coded data such that the absolute value of the RDS of the code words as produced by the coder is limited. This is achieved by ensuring that in a group of 2 code words the RDS of the first code word is compensated by the RDS of the second conde word. The RDS at the end of the second code word is then zero and the excursions of the RDS from the start of the first code word until the end of the second code word are limited because there are only a limited number of bits that can contribute to an increase of the absolute value of the RDS. This principle can easily be applied to the 17PP coder.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2005
(21) Application No.1714/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD OF REMOVING NATURAL GAS LIQUIDS FROM A GASEOUS NATURAL GAS STREAM

(51) International classification :B01D 53/14
(31) Priority Document No :03250826.9
(32) Priority Date :10/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/050102
Filing Date :09/02/2004
(87) International Publication No :WO/2004/069384
(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 : 20
No of Claims : 9

(57) Abstract :
The present invention relates to a method of Removing natural gas liquids from a gaseous natural gas stream at elevated pressure to obtain a gaseous product stream having a reduced content of natural gas liquids comprises: (a) introducing cooled natural gas (3) into a scrub column (6) that consists of a lower stripping section (7) and an upper absorption section (8); (b) removing from the scrub column an overhead stream (12); (c) partly condensing (14) the overhead stream (12), and separating (17) the partly condensed overhead stream into a gaseous product stream (20) and a liquid reflux stream (21); (d) splitting the liquid reflux stream (21) into a first reflux stream (22) and a second reflux stream (23); (c) introducing the first reflux stream (22) into the top of the absorption section (8) of the scrub column (6); and (f) introducing the second reflux stream (23) into the top of the stripping section (7), and removing from the bottom of the scrub column (6) a liquid bottom stream (10) rich in heavier components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2005
(21) Application No.1786/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PREDICTIVE ENCODING OF MOTION VECTORS INCLUDING A FLAG NOTIFYING THE PRESENCE OF CODED RESIDUAL MOTION VECTOR DATA

(51) International classification :H04N 7/26
(31) Priority Document No :03290282.7
(32) Priority Date :04/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/000266
Filing Date :30/01/2004
(87) International Publication No :WO/2004/071099
(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 : 10
No of Claims : 5

(57) Abstract :
The invention relates to a video encoding method applied to a sequence of video frames and generating a coded bitstream in which each data item is described by means of a bitstream syntax allowing any decoder to recognize and decode all the segments of the content of said bitstream. This method includes a predicting step, based on a prediction technique using a motion compensation operation, and a subtracting step, based on a subtraction of said predicted frame from the current one, and the motion compensation operation leads to motion vectors with horizontal and vertical components (MVx, MVy). These components have to be encoded differentially by using predictions (Px, Py) of said components and, in fact, only the differences (dx, dy) between the components and their predictions (Px, Py) are therefore encoded. According to the invention, said syntax includes an additional flag indicating that said differences (dx, dy) are present, or not, in the generated coded bitstream, and will have therefore to be decoded, or not, at the decoding side.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2006
(21) Application No.1801/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : POLARIZATION INDEPENDENT PHASE MODULATOR

(51) International classification :G02F1/139,
(31) Priority Document No :03103936.5
(32) Priority Date :23/10/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/052043
Filing Date :11/10/2004
(87) International Publication No :WO/2005/040907
(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)HIKMET, Rifat, A., M.

No of Pages : 30
No of Claims : 16

(57) Abstract :
The present invention provides a polarization independent phase modulator for light comprising a layer of chiral liquid crystal mixture that has a low enough pitch to provide polarization independence of the effective refractive index for visible light. The liquid crystal mixture is controllable between a helix oriented ground state and a tilted state induced by the application of an electric field across the liquid crystal mixture layer. The liquid crystal mixture is preferably dispersed in a network material which ensures that the helix-oriented ground state is resumed when removing the electric field.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2005
(21) Application No.1821/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TOUCH DETECTION FOR A DIGITIZER

(51) International classification :G06F 3/033
(31) Priority Document No :60/446,808
(32) Priority Date :10/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2004/000045
Filing Date :15/01/2004
(87) International Publication No :WO/2004/070396
(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 : 47
No of Claims : 49

(57) Abstract :
A detector for detecting touches by fingers (26) or like body parts on a sensor (12) comprises at least one sensing conductor (4), typically a grid (24) such conductors, extending into the sensor, a source of oscillating (8) electrical energy at a predetermined frequency, and detection circuitry (6) for detecting a capacitive influence (14) on the sensing conductor when said oscillating electrical energy is applied, the capacitive influence being interpreted as a touch. The detector (16) is advantageous in that the same sensing conductors (24) can be used both for touch sensing and for detection of an electromagnetic stylus.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2005
(21) Application No.1826/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : GENERATION OF ENCRYPTED VIDEO INFORMATION

(51) International classification :G11B 20/00
(31) Priority Document No :03100264.5
(32) Priority Date :10/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050039
Filing Date :20/01/2004
(87) International Publication No :WO/2004/071091
(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)GERBRANDTS, Pieter-Jelle
3)KAN, Tom

No of Pages : 11
No of Claims : 11

(57) Abstract :
An encrypted stream of video information (20) contains first video frames (22) and second video frames which are accessible and not accessible during trick play respectively. From a source stream encrypted that is for decryption with repeatedly changing control words sections of the stream are identified where respective first ones of the frames occur in the stream. Control words for decryption (24) are included in the stream. At least part of the control words are included in the stream at positions selected synchronized to the identified sections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2005
(21) Application No.1858/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AUDIO REPRODUCTION APPARATUS, METHOD, COMPUTER PROGRAM

(51) International classification :A63B 69/00
(31) Priority Document No :03100307.2
(32) Priority Date :12/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050059
Filing Date :28/01/2004
(87) International Publication No : WO/2004/072767
(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 : 17
No of Claims : 9

(57) Abstract :
The audio reproduction apparatus (100) for sports training purposes comprises a tempo derivation unit (103) for deriving a selected tempo (T) on the basis of a data signal (dl, d2, d3) e.g. from a sports measurement device such as a heart rate meter; and an audio conditioning unit (104) arranged to deliver based on the input audio signal the output audio signal, with a tempo within a predefined accepted deviation from the selected tempo (T), whereby the audio conditioning unit (104) comprises a tempo calculation unit (106) arranged to calculate an input tempo (TI) of the input audio signal, and the audio conditioning unit (104) is arranged to deliver the output signal in dependence of the input tempo (TI).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2005
(21) Application No.1859/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STORAGE MEDIUM WITH RESERVED AREA FOR FILE SYSTEM DATA AND APPLICATION START-UP DATA

(51) International classification :G11B 19/00
(31) Priority Document No :03290345.2
(32) Priority Date :12/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/000319
Filing Date :28/01/2004
(87) International Publication No :WO/2004/072973
(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 : 13
No of Claims : 11

(57) Abstract :
According to a first aspect of the invention, data that will be needed for starting the applications of the storage medium are stored in a reserved area of the storage medium. The data stored in the reserved area are read and cached in a single operation when the storage medium is declared to the operating system. Therefore the seeking and spinning-up operations of the reading head that are required for starting the application(s) are limited to a minimum. According to a second aspect of the invention, programs that create a new application file indicate whether this application file should be assigned to the reserved area. If so, the file system implementation allocates the application file to the reserved area.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2004
(21) Application No.1895/CHENP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INHALATION DEVICE FOR DELIVERING POWERED DRUGS TO A PATIENT'S RESPIRATORY PATHWAY

(51) International classification :A61K 9/00
(31) Priority Document No :60/363,585
(32) Priority Date :12/03/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/007735
Filing Date :12/03/2003
(87) International Publication No :WO/2003/077825
(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 : 13
No of Claims : 20

(57) Abstract :
The present invention relates to packaging of and co-admInistration of pharmaceutIcals and drugs for medical uses. It has particular utility in packaging and administration of precise amounts of two or more pharmaceuticals and drugs to different sites in the respiratory and/or respiratory alimentary pathway. It provides a medication delivery " system in which two or more pharmaceuticals or drugs are delivered to different sites in the respiratory pathway. More particularly, the particle size of different drugs is controlled according to aerodynamic particle size principles so as to determine the site of Jaction or absorption of the drug in the respiratory pathway. Thus it is possible to co-administer, simultaneously, by inhalation, two or more different drugs for absorption or depositing in either the mouth or throat where the drug will be dissolved and absorbed in I the alimentary canal, and also deliver drugs to the lungs where the drugs will be I absorbed in the respiratory pathway.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/1998
(21) Application No.1897/MAS/1998 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ALKANOYLPHENYLALANINE DERIVATIVES

(51) International classification :C07C 233/87
(31) Priority Document No :60/056,718
(32) Priority Date :22/08/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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No of Pages : 134
No of Claims : 47

(57) Abstract :
Disclosed are a method and apparatus for initializing an additive process computer-controlled three-dimensional modeling machine which builds models on a modeling platform. The method, without operator intervention, senses the top surface of a substrate or other object mounted on the platform at a variety of preselected x, y locations and records the z-axis positions of the platform corresponding to the sensing of the object. Using the recorded z-axis positions, a z-start position for the modeling platform is calculated. The platform can be automatically placed at the calculated z-start position. The recorded z-axis positions can further be used to define a plane fitted to the substrate top surface. Optionally, the model can be built in a coordinate system defined by the plane.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2005
(21) Application No.1979/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR ESTABLISHING AN INVITE-FIRST COMMUNICATION SESSION

(51) International classification :H04Q 7/28
(31) Priority Document No :10/371,338
(32) Priority Date :20/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005099
Filing Date :20/02/2004
(87) International Publication No : WO/2004/075575
(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)BALAOING, Gil
4)ROSEN, Eric, C.

No of Pages : 26
No of Claims : 80

(57) Abstract :
The disclosed embodiments provide methods and apparatus for establishing an invite-first communication session in a wireless communication network. The method includes receiving an invite message from an inviter, forwarding the invite message to at least one invitee, receiving a response from one of the at least one invitee in response to the invite message, and establishing the communication session between the inviter and the at least one invitee.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2005
(21) Application No.2026/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO FLUID FILLED DEVICES

(51) International classification :G02B 26/02
(31) Priority Document No :03075556.5
(32) Priority Date :25/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050133
Filing Date :19/02/2004
(87) International Publication No :WO/2004/077125
(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 : 14
No of Claims : 11

(57) Abstract :
A device (100; 200; 300; 400) comprising a sealed cavity (210) containing n volumes of fluids (80, 87; 220, 230; 320, 332; 420, 422, 430, 432) is described, where n is an integer and n>_2. Each volume of fluid is substantially immiscible with every contiguous volume of fluid. The cavity is defined by an interior surface divided into n continuous areas (60, 170; 260, 270; 360, 362, 370; 460, 462, 470, 472), each continuous area corresponding to and being in contact with a respective one of the volumes of fluid. The wettability of each area is such that each volume of fluid preferentially adheres to the corresponding continuous area rather than any one of the continuous areas adjacent to the corresponding area.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2005
(21) Application No.2048/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TRANSMISSION SCHEMES FOR MULTI-ANTENNA COMMUNICATION SYSTEMS UTILIZING MULTI-CARRIER MODULATION

(51) International classification :H04B 1/69
(31) Priority Document No :10/375,191
(32) Priority Date :25/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/005312
Filing Date :24/02/2004
(87) International Publication No :WO/2004/077730
(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 : 24
No of Claims : 32

(57) Abstract :
Pilot and data transmission schemes for multi-antenna communication systems utilizing multi-carrier modulation are provided. Subband multiplexing is used to avoid interference resulting from transmitting multiple signals simultaneously from multiple antennas. M usable subbands are initially arranged to form multiple groups of subbands, with each group including a different subset of the usable subbands (412). Each of T transmit antennas is then assigned one or possibly more subband groups for pilot transmission and typically one subband group for data transmission (414). Pilot and data may then be transmitted from each antenna on the subbands assigned to that antenna for pilot and data transmission (420). For each transmit antenna, the transmit power for each assigned subband may be scaled higher such that all of the total transmit power available for the antenna is used for transmission. Pilot and/or data may be transmitted simultaneously from all T antennas on all usable subbands without causing mutual interference.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2005
(21) Application No.2078/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTI-STACK ROLLED-UP INFORMATION CARRIER

(51) International classification :G11B 7/0025
(31) Priority Document No :03290474.0
(32) Priority Date :27/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/000486
Filing Date :16/02/2004
(87) International Publication No :WO/2004/077414
(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 : 46
No of Claims : 20

(57) Abstract :
The invention relates to an information carrier for scanning information by means of an optical beam having a wavelength. The information carrier comprises a central hole (11) and at least two information stacks (13, 14) rolled up around said hole. Each information stack comprises a first electrode, a second electrode and a material whose optical properties at the wavelength of the optical beam depend on a potential difference applied between the first and second electrodes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2005
(21) Application No.2177/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SACRIFICIAL METAL LINER FOR COPPER INTERCONNECTS

(51) International classification :H01L 21/768
(31) Priority Document No :10/248,637
(32) Priority Date :03/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2004/001787
Filing Date :23/01/2004
(87) International Publication No :WO/2004/070830
(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)SIMON, Andrew, H.

No of Pages : 16
No of Claims : 15

(57) Abstract :
A semiconductor device which includes an improved liner structure formed in a via (5) having extended sidewall portions and a bottom (8) penetrating a metal liner (7). The liner structure includes two liner layers, the first (6) being on the via sidewalls, but not the bottom, and the second being (9) on the first layer and the extended sidewall portions and bottom of the via. A method of making the liner structure, in which the first layer is deposited prior to an etching or cleaning step, which extends the via into the metal line, is also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2005
(21) Application No.2336/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CODING OF MAIN AND SIDE SIGNAL REPRESENTING A MULTICHANNEL SIGNAL

(51) International classification :G10L 19/00
(31) Priority Document No :03100752.9
(32) Priority Date :24/03/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050288
Filing Date :18/03/2004
(87) International Publication No :WO/2004/086817
(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)SLUIJTER, Robert, J.

No of Pages : 21
No of Claims : 17

(57) Abstract :
The present invention relates to a method of encoding a main and a side signal that are generated by the first step of parametric stereo encoding. When encoding according to the present invention, firstly, the relation between the power spectral energies of the main and the side signal is kept intact per psycho acoustical band. Secondly, the side signal has to be uncorrelated with the main signal in psycho acoustical sense. The method of encoding the main and the side signal, according to the present invention, is twofold. Firstly, a filter is estimated which is able to re-instate the desired spectral amplitude relation and the temporal envelope.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2005
(21) Application No.2368/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTILAYER OPTICAL DISC HAVING A LAYER INDICATION

(51) International classification :G11B 27/19
(31) Priority Document No :03100755.2
(32) Priority Date :24/03/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050221
Filing Date :10/03/2004
(87) International Publication No :WO/2004/086403
(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 : 15
No of Claims : 9

(57) Abstract :
A multilayer record carrier is for recording information by writing marks representing addressable blocks in a track. Each recording layer has a pre-formed recording control pattern for indicating the track, the pattern comprising physical addresses (59) that indicate the physical position of the physical address with respect to a starting point of the track. The predefined number of bits of the physical address indicates the physical position with respect to a starting point of the track. At least one address bit of the predefined number of address bits of the physical address is allocated as a layer address bit (60) that has a value indicating the recording layer. A recording device has a layer unit (34) for detecting a recording layer in dependence of the layer address bit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2004
(21) Application No.2412/CHENP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING THE LOCATION OF A TERMINAL IN A COMMUNICATION SYSTEM

(51) International classification :H04Q 7/38
(31) Priority Document No :0207129.8
(32) Priority Date :26/03/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2003/000996
Filing Date :26/02/2003
(87) International Publication No :WO/2003/081939
(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 : 18
No of Claims : 14

(57) Abstract :
A method for estimating the location of a terminal operating in a communication system having at least two networks having overlapping areas of coverage, each network supporting at least one method for estimating the location of the terminal, and the terminal being in communication with a first one of the networks, the method comprising: assessing which of the networks is likely to form the more accurate estimate of the location of the terminal; and if that is the first one of the networks, estimating the location of the terminal by means of the first one of the networks, and if that is a second one of the networks, handing over the terminal to the second one of the networks and estimating the location of the terminal by means of the second one of the networks.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2005
(21) Application No.257/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INDOLES HAVING ANTI-DIABETIC ACTIVITY

(51) International classification :C07D 209/12
(31) Priority Document No :60/406,741
(32) Priority Date :29/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/026677
Filing Date :27/08/2003
(87) International Publication No :WO/2004/020408
(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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4)LIU, Kun
5)WOOD, Harold, B.
6)BLACK, Regina, M.

No of Pages : 182
No of Claims : 31

(57) Abstract :
Indoles having aryloxyalkanoic acid substituents or arylalkanoic acid substituents are agonists or partial agonists of PPAR gamma and are useful in the treatment and control of hyperglycemia that is symptomatic of type II diabetes, as well as dyslipidemia, hyperlipidemia, hypercholesterolemia, hypertriglyceridemia, and obesity that are often associated with type 2 diabetes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2005
(21) Application No.2626/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS AND METHODS OF FORMULATION FOR ENTERAL FORMULAS CONTAINING SIALIC ACID

(51) International classification :A23C 9/20
(31) Priority Document No :10/413,508
(32) Priority Date :14/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/08451
Filing Date :19/03/2004
(87) International Publication No :WO/2004/093557
(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)RUMSEY, Steven, Charles
4)ANTHONY, Joshua, C.
5)WUNGTANAGORN, Ratchapong

No of Pages : 17
No of Claims : 14

(57) Abstract :
A nutritionally complete infant formula containing sialic acid derived from one or a number of nutritionally appropriate sources is described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005

(21) Application No.2644/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FEED SUPPLEMENT COMPOSITIONS

(51) International classification :B29C 47/04
(31) Priority Document No :03008638.3
(32) Priority Date :15/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/03647
Filing Date :06/04/2004
(87) International Publication No :WO/2004/091888
(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)GADIENT, Martin
3)GUGGENBUHL, Patrick
4)SIMOES-NUÃ‘ES, Carlos
5)VIGNUDELLI, Bernd
6)NEUPERT, Werner

No of Pages : 12
No of Claims : 10

(57) Abstract :
A process for the preparation of thermostable, discrete, solid particles containing lactoferrin embedded in a protein- and/or starch-based carrier matrix by mixing the carrier matrix, lactoferrin and an optional internal lubricant in a horizontal screw extruder, extruding and cutting said mixture into pieces and optionally drying said pieces as well as their use as food or animal feed supplements.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2647/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CATALYST SYSTEMS OF THE ZIEGLER-NATTA TYPE AND A PROCESS FOR PREPARING THEM

(51) International classification :C08F 110/02
(31) Priority Document No :103 17 395.1
(32) Priority Date :15/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/03897
Filing Date :14/04/2004
(87) International Publication No :WO/2004/092232
(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)SCHNEIDER, Martin

No of Pages : 22
No of Claims : 12

(57) Abstract :
The present invention relates to catalyst systems of the Ziegler-Natta type, to a process for preparing them, to their use for the polymerization of olefins and to ethylene copolymers which can be prepared using this catalyst system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2648/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TEA PRODUCTION PROCESS

(51) International classification :A23F 3/16
(31) Priority Document No :PA 2003 00593
(32) Priority Date :15/04/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK04/00268
Filing Date :14/04/2004
(87) International Publication No :WO/04/091303
(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)ZHOU, Zhiwei

No of Pages : 8
No of Claims : 6

(57) Abstract :
The present invention relates to a method comprising contacting a tea extract with a pectin lyase to produce a tea beverage or a tea concentrate, which forms little or no haze when stored at ambient or refrigeration temperatures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2650/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BIFUNCTIONAL TRIDENTATE PYRAZOLYL CONTAINING LIGANDS FOR RE AND TC TRICARBONYL COMPLEXES

(51) International classification :A61K 51/04
(31) Priority Document No :03076106.8
(32) Priority Date :15/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/US04/11685
Filing Date :15/04/2004
(87) International Publication No :WO/2004/091669
(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)VITOR, Rute

No of Pages : 49
No of Claims : 35

(57) Abstract :
The present invention relates to a chelating agent of the general formula: (I), wherein m is 0 or 1; X is NR4 or S; Y is SR5, NHR5 or P(R5)2; R1 and R3 are the same or different and are selected from H, alkyl or aryl; R2 is H, COOH, NHR6 or (CH2)nCOOR6; R4 is H, alkyl, aryl, (CH2)nCOOR6 or (CH2)nOR6; R5 is H, alkyl, aryl, (CH2)nCOOR6 or (CH2)nOR6, R6 is H, alkyl or aryl; n is 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10; and when R1=R3=CH3, R2, R4 and R5 are not all three H. The invention further relates to a method and kit for the preparation of radiolabeled biomolecules while using the chelating agent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2652/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : VAV INHIBITION IN GRAFT REJECTION

(51) International classification :A61K 39/395
(31) Priority Document No :0308853.1
(32) Priority Date :16/04/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP04/03982
Filing Date :15/04/2004
(87) International Publication No :WO/04/091654
(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)RAULF, Friedrich
6)WECKBECKER, Gisbert

No of Pages : 29
No of Claims : 10

(57) Abstract :
The present invention provides a method for preventing or treating acute or chronic graft rejection in a recipient of cell, tissue or organ allo- or xenotransplant, inflammatory or autoimmune diseases or malignant proliferative disease, comprising the use of an inhibitor of Vav. Further provided are Vav inhibitors, uses, pharmaceutical compositions and therapeutic combinations comprising Vav inhibitors, and screening methods therefor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2653/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF N-SUBSTITUTED 2-CYANOPYRROLIDINES

(51) International classification :C07D 207/16
(31) Priority Document No :0308854.9
(32) Priority Date :16/04/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP04/03980
Filing Date :15/04/2004
(87) International Publication No :WO/04/092127
(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)SEDELMEIER, Gottfried

No of Pages : 17
No of Claims : 14

(57) Abstract :
The present invention relates to a process for the preparation of a N-(N'-substituted glycyl)-2-cyanopyrrolidine comprising at least (a) reacting, in the presence of dimethylformamide, a compound of formula (V) wherein, independently of each other, X1 and X3 are halogen; X2 is halogen, OH, O-C(=O)-CH2X3, -O-SO2-(C1-8)alkyl or -O-SO2-(aryl), with L-prolinamide, followed by (b) reacting the resultant compound without isolation with a dehydration agent, optionally followed by (c) reacting, in the presence of a base, the resultant compound without isolation with an appropriate amine and (d) recovering the resultant cornpound in free form or in acid addition salt form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2655/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : QUINAZOLINE COMPOUNDS

(51) International classification :A61K 31/519
(31) Priority Document No :60/463,467
(32) Priority Date :16/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/03779
Filing Date :08/04/2004
(87) International Publication No :WO/04/092144
(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)STAHL, Christoph, Martin
4)TREJO-MARTIN, Teresa Alejandra

No of Pages : 53
No of Claims : 28

(57) Abstract :
The present invention relates to compounds of formula (I), wherein R4, R5, R6, R7, Q, m and n are as defined in the specification. The compounds are useful as p38 kinase inhibitors, and therefore, may be used for treatment of p38-mediated disorder.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2005
(21) Application No.2656/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CATALYST SYSTEMS OF THE ZIEGLER-NATTA TYPE AND A PROCESS FOR PREPARING THEM

(51) International classification :C08F 210/16
(31) Priority Document No :103 17 398.6
(32) Priority Date :15/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/03898
Filing Date :14/04/2004
(87) International Publication No :WO/04/092233
(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 : 22
No of Claims : 13

(57) Abstract :
The present invention relates to catalyst systems of the Ziegler-Natta type, to a process for preparing them, to their use for the polymerization of olefins and to ethylene copolymers which can be prepared using this catalyst system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2005
(21) Application No.2673/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF REDISPERSION POWDER COMPOSITIONS WITH ACCELERATED-SETTING ACTION

(51) International classification :C04B 40/00
(31) Priority Document No :103 17 882.1
(32) Priority Date :17/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/02210
Filing Date :04/03/2004
(87) International Publication No : WO/2004/092094
(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 : 19
No of Claims : 8

(57) Abstract :
The invention relates to the use of water-redispersible polymer powder compositions based on a) homo- or copolymers of one or more monomers from the group consisting of vinyl esters of unbranched or branched alkylcarboxylic acids having from 1 to 15 carbon atoms, methacrylic esters and acrylic esters of alcohols having from 1 to 15 carbon atoms, vinylaromatics, olefins, dienes, and vinyl halides, on one or more protective colloids,. and, where appropriate, antiblocking agent, to accelerate the setting of construction chemistry products with hydraulically setting binders, characterized in that b) one or more compounds from the group consisting of alkali metal salts and alkaline earth metal salts of inorganic or organic acids are present.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2005
(21) Application No.2684/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CATIONIC DIMERIC DYES

(51) International classification :C09B 44/10
(31) Priority Document No :03405185.4
(32) Priority Date :18/03/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/50268
Filing Date :08/03/2004
(87) International Publication No :WO/04/083312
(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 : 62
No of Claims : 17

(57) Abstract :
The present invention relates to novel cationic dye of formula (1) and (1 a) wherein A is an organic radical of formula (2) or (3) wherein R1 and R2 are each independently of the other unsubstituted or substituted C1-C14alkyl or an aryl radical, R3 is hydrogen, unsubstituted or substituted C1-C14alkyl, unsubstituted or substituted C1-C14alkoxy, cyan or halogenid, R4 is hydrogen, unsubstituted or substituted C1-C14alkyl or an aryl radical, and X is an anion. Further, the present invention relates to compositions thereof, especially comprising other dyes, to processes for the preparation thereof and to the use thereof in the dyeing of organic material, such as keratin, wool, leather, paper, silk, cellulose or polyamides, and preferably human hair.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2005
(21) Application No.2686/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS AND COMPOSITIONS TARGETING TYROSINE KINASES FOR THE DIAGNOSIS AND TREATMENT OF OSTEOARTHRITIS

(51) International classification :G01N 33/573
(31) Priority Document No :60/463,935
(32) Priority Date :18/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/04052
Filing Date :16/04/2004
(87) International Publication No :WO/04/092735
(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 : 66
No of Claims : 38

(57) Abstract :
The invention discloses that members of a subfamily of receptor tyrosine kinases comprising TYRO3, Axl, cMer and ligands thereof, such as GAS6 are suitable targets for the development of new therapeutics to treat, prevent or ameliorate OA. The invention also relates to methods to treat and/or ameliorate OA and pharmaceutical compositions therefor comprising modulators with inhibitory effect on the expression or activity of members of this subfamily of receptor tyrosine and related ligands. The invention also relates to a method to identify compounds with therapeutic usefulness to treat OA, comprising identifying compounds that can, e.g., inhibit activity and/or expression of these polypeptides.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2005
(21) Application No.2687/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEW COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS DYES AND PIGMENTS

(51) International classification :C07D 207/26
(31) Priority Document No :229/MAS/2003
(32) Priority Date :19/03/2003
(33) Name of priority country :India
(86) International Application No :PCT/EP2004/050275
Filing Date :10/03/2004
(87) International Publication No :WO/2004/083170
(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)EKKUNDI, Vadiraj Subbanna
4)BACHER, Jean-Pierre
5)TIWARI, Sandip

No of Pages : 24
No of Claims : 7

(57) Abstract :
Compounds of formula (1) wherein R1 is hydrogen, hydroxy, halogen, nitro, cyano, amino, carboxy, carboxylic ester, sulfo, sulfonic ester, carboxylic amide, sulfonic amide, alkoxy, aryloxy, alkylthio or arylthio, X is -0-, -S-, -NH- or -N(alkyl)-, Y is hydrogen or carboxylic ester, Z is =C- or =N-, T is =C- or =N-, R2 is hydrogen, alkyl or CN, n is 0 or 1, when Z is =N- then n is 0, m is 0 or 1, when T is =N- then m is 0, A is a heterocyclic or linear or polycondensed aromatic group which is unsubstituted or substituted by hydroxy alkyl, halogen, nitro, cyano, amino, acylarnino, carboxylic ester, sulfonic ester, carboxylic amide, sulfonic amide, alkoxy, aryloxy, alkylthio, arylthio or phenyl, or A together with T and R2 can form an allycyclic or heterocyclic ring, their preparation and their use in the production of coloured plastics or polymeric colour particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2005
(21) Application No.2694/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR THE STEREOSELECTIVE SYNTHESIS OF LACTONES

(51) International classification :C07D
(31) Priority Document No :03009198.7
(32) Priority Date :22/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/04172
Filing Date :20/04/2004
(87) International Publication No :WO/04/094367
(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 : 23
No of Claims : 17

(57) Abstract :
A process is described for the stereoselective synthesis of a chiral lactone which can be used as an intermediate in the synthesis of biotin. The process includes a reaction sequence in which a cyclic meso-carboxylic acid anhydride is converted with the aid of a chiral alcohol with ring opening into a dicarboxylic acid monoester. With respect to the dicarboxylic acid monoester obtained from the cyclic meso-carboxylic acid anhydride and the chiral alcohol, the reaction proceeds diastereoselectively. The reaction is performed in the presence of a specific catalyst improving the diastereomeric purity of the dicarboxylic acid monoester.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2005
(21) Application No.2698/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WATER-SOLUBLE MONO-PEGYLATED TETRAPYRROLE DERIVATIVES FOR PHOTODYNAMIC THERAPY AND METHOD OF PRODUCTION

(51) International classification :C07D
(31) Priority Document No :10/394,877
(32) Priority Date :21/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/08367
Filing Date :19/03/2004
(87) International Publication No :WO/04/085387
(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 : 25
No of Claims : 6

(57) Abstract :
Water-soluble mono-PEGylated tetrapyrrole derivatives are disclosed, having a formula given by formula (1), (2), or (3) in the specification. A method to produce the above water-soluble mono-PEGylated compounds is also disclosed, comprising an interaction of a tetrapyrrole with an aminopolyethylene glycol containing a functionalized terminal fragment, as well as their use as photosensitizers in photodynamic therapy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2005
(21) Application No.2726/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF (+)-P-MENTHA-2,8-DIENE-1-OL

(51) International classification :C07C 29/00
(31) Priority Document No :60/465,046
(32) Priority Date :24/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/11509
Filing Date :14/04/2004
(87) International Publication No :WO/04/096740
(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)KILLGORE, J., Kendall
3)DUCHEK, John, R.

No of Pages : 24
No of Claims : 23

(57) Abstract :
A process for preparing (+)-p-mentha-2,8-diene-1-ol comprising reacting (+)-limonene oxide with at least one amine in the presence of at least one Lewis acid to form amine adduct intermediates. The amine adduct is then oxidized to form an N-oxide that is pyrolized to form (+)-p-mentha-2,8-diene-1-ol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2005
(21) Application No.2738/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PARAMETERIZED TEMPORAL FEATURE ANALYSIS

(51) International classification :G06F 17/30
(31) Priority Document No :03101146.3
(32) Priority Date :24/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050477
Filing Date :21/04/2004
(87) International Publication No :WO/2004/095315
(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 : 14
No of Claims : 12

(57) Abstract :
A method (1) for classifying at least one audio signal (A) into at least one audio class (AC), the method (1) comprising the steps of analyzing (10) said audio signal to extract at least one predetermined audio feature, performing (12) a frequency analysis on a set of values of said audio feature at different time instances, deriving (12) at least one further audio feature representing a temporal behavior of said audio feature based on said frequency analysis, and classifying (14) said audio signal based on said further audio feature. With the further audio feature, information is obtained about the temporal fluctuation of an audio feature, which may be advantageous for a classification of audio.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/1997
(21) Application No.2746/MAS/1997 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A DATA HIDING METHOD FOR EMBEDDING INFORMATION INTO A DATA ARRAY

(51) International classification	:G06F 17/22
(31) Priority Document No	:9-239683
(32) Priority Date	:04/09/1996
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 40
No of Claims : 4

(57) Abstract :
A data hiding method enables embedded information to be extracted without providing original media data as information and enables the information to be extracted with relatively low calculation cost. The data hiding method embeds information indicating a specific meaning into a media array expressing media data, the media array comprising a .plurality of array elements, the method including the steps of: (a) preparing a pattern array having a plurality of array elements, the pattern array having at least a positive unit value and a negative unit value, and the sum total of the positive and negative unit values being zero; (b) specifying (N) number of hiding regions in the media array, the hiding region having a size corresponding to that of the pattern array; (c) determining an amount of operation for each of the array elements according to the locationally corresponding positive or negative unit value with respect to one of the hiding regions, by referring to a hiding rule providing the correspondence between the meaning of information and an application of the pattern array to the hiding region; (d) adding the determined amount of operation to each of the array elements with respect to the hiding region; and (e) performing the steps (c) to (d) with respect to the (N) number of the hiding regions so that information is embedded into (N) number of the hiding regions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2005
(21) Application No.2751/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUSTITUTED INDOLINE AND INDOLE DERIVATIVES

(51) International classification :C07D 209/08
(31) Priority Document No :PA 200300631
(32) Priority Date :25/04/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2004/000283
Filing Date :23/04/2004
(87) International Publication No :WO/2004/096767
(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)WATSON, William, Patrick

No of Pages : 126
No of Claims : 30

(57) Abstract :
The present invention relates to aniline derivatives of the general formula I or pharmaceutically acceptable salts thereof, [Formula (I)], and their use.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2005
(21) Application No.2752/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MONOAZOQUINOLONE PIGMENTS, PROCESS FOR THEIR PREPARATION AND THEIR USE

(51) International classification :C09B 29/00
(31) Priority Document No :2003 0515/03
(32) Priority Date :25/03/2003
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2004/050308
Filing Date :15/03/2004
(87) International Publication No :WO/2004/085540
(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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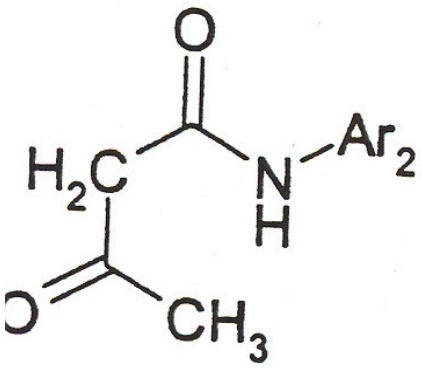
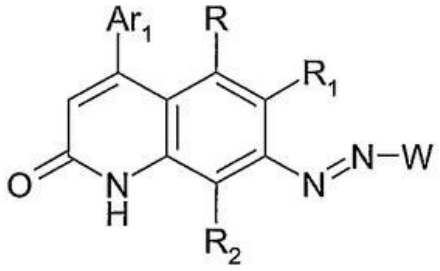
1)BENKHOFF, Johannes
2)WALLQUIST, Olof

No of Pages : 43
No of Claims : 11

(57) Abstract :
Monoazoquinolone pigments which, in one of their tautomeric forms, correspond to formula (1) wherein W is unsubstituted or substituted C6-C24aryl or unsubstituted or substituted heteroaryl or is a radical of formula (1a), wherein Ar2 is unsubstituted or substituted C6-C24aryl or unsubstituted or substituted heteroaryl, Ar1 is unsubstituted or substituted C6-C24aryl or unsubstituted or substituted heteroaryl, R, R1 and R2 are each independently of the others hydrogen, C1-C6alkyl, halogen, cyano, CF3, nitro, NR3R4, COOR4, NR4COR3, COO-X+, COR4, OR4, SR3, S02R3, SO2NR3R4, SO3-X+, or C6-C24aryl which is unsubstituted or mono- or polyÂsubstituted by R5, R3 is C1-C6alkyl, or C6-C12aryl which is unsubstituted or mono- or poly-substituted by halogen, hydroxy, OR7, cyano, nitro, SR7, NR6R7, COOR7, CONR6R7, NR6COR7, NR6COOR7, COO-X+, COR4, OR4, SO2R7, SO2NR6R7, SO3-X+ or by S03R7, R4 is hydrogen or has the meanings of R3, R5 is hydrogen, C1-C4alkyl, halogen, nitro, NR7R8 or OR7, R6 is hydrogen or C1-C3alkyl, R7 and R8 are each independently of the other hydrogen; C1-C3alkyl; phenyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR5, NR16R17; or benzyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR5, NR16R17, and X+ is a cation H+, Li+, Na+, K+, Mg++1/2, Ca++1/2, Sr++1/2, Ba++1/2, Cu+, Cu++1/2, Zn++1/2, Mn++1/2, Al +++1/3 or [NR9R10R11R12]+, wherein R9, R10, R11 and R12 are each independently of the others hydrogen; C1-C6alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C1-C6alkyl, halogen, nitro, OR5, NR16R17; or benzyl which is unsubstituted or mono- or poly-substituted by C1-C6alkyl, halogen, nitro, OR5, NR16R17, and R16 and R17 are each independently of the other hydrogen or C1-C6alkyl, are suitable for the colouring of high molecular weight material and are distinguished by good fastness properties of the resulting colourations.





(1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2005
(21) Application No.2753/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVED PHOTOSENSITIZERS APPLICATION PROTOCOLS

(51) International classification :A61N 1/30
(31) Priority Document No :10/396,017
(32) Priority Date :25/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/08365
Filing Date :19/03/2004
(87) International Publication No :WO/2004/093980
(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 : 15
No of Claims : 22

(57) Abstract :
A safer, improved method of photodynamic therapy is provided for treating diseased, hyperproliferative tissue, including cancer, psoriasis, and arthritis, using multiple, sequential administrations of a photosensitizer (PS) prior to irradiation. Preferred photosensitizers are characterized by being retained in the diseased tissue for a longer time than in normal tissue. The interval between administrations is chosen to be of sufficient duration to allow the PS content of normal tissues to drop to a basal or negligible level before the next administration and before irradiation. At that time, the PS content of the diseased tissue is still high, not less than half of the initial content after the last PS administration. In this way, PDT with better selectivity for the diseased tissue is achieved. With sequential PS administrations, the PS burden on normal tissue can be kept low, so that side effects can be reduced, for example damage of the skin by sunlight or bright indoors artificial lighting. The precise durations between PS administrations and eventual irradiation vary between treatments, and are determined on an individual basis. Preferred PS for use with the present invention have a high and extended localization in tumor tissue. A preferred PS with these qualities is pheophorbide a.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2005
(21) Application No.2757/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PYRROLOIMIDAZOLE DERIVATIVES, THEIR PREPARATION, PHARMACEUTICAL COMPOSITION CONTAINING THEM, AND THEIR USE AS NOOTROPIC AGENTS

(51) International classification :C07D 487/00
(31) Priority Document No :MI2003A000573
(32) Priority Date :24/03/2003
(33) Name of priority country :Italy
(86) International Application No :PCT/EP04/50339
Filing Date :22/03/2004
(87) International Publication No :WO/2004/085438
(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)PARINI, Carlo
4)MARTINELLI, Marisa
5)GHELARDINI, Carla

No of Pages : 34
No of Claims : 26

(57) Abstract :
Described herein are new bicyclic arylimidazolones having nootropic action (i.e., protecting and stimulating cerebral functions), analgesic action and anti hyperalgesic action; also described is the process for their preparation and pharmaceutical compositions comprising them, useful for the treatment of cognitive deficits, and of various types of pain.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/10/2005
(21) Application No.2770/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF COMPOUNDS FOR THE PREVENTION OF DRUG-INDUCED CELL TOXICITY

(51) International classification :A61K 31/132
(31) Priority Document No :PA 2003 00459
(32) Priority Date :26/03/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2004/000205
Filing Date :25/03/2004
(87) International Publication No :WO/2004/084876
(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)NYKJÃ†R, Anders

No of Pages : 42
No of Claims : 27

(57) Abstract :
The present invention relates to the use of compounds for the manufacture of a medicament for the prophylaxis and/or treatment of induced cell toxicity, such as nephrotoxicity and ototoxicity, in particular where the cell toxicity is induced by a medical treatment. In a preferred embodiment the compounds have at least two nitrogen atoms, more preferably at least two amino groups. The compounds according to the invention are capable of blocking binding of cell toxic compounds to the megalin receptor, and thereby inhibiting uptake of the cell toxic compounds into cells. The invention further relates to novel compounds for use in said treatment, as well as a method for reducing the cell toxicity of cell toxic compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/10/2005
(21) Application No.2771/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FIBRE-REACTIVE AZO DYES, THEIR PREPARATION AND THEIR USE

(51) International classification :C09B 62/513
(31) Priority Document No :03405210.0
(32) Priority Date :27/03/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/50314
Filing Date :17/03/2004
(87) International Publication No :WO/2004/085545
(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)ROENTGEN, Georg

No of Pages : 25
No of Claims : 12

(57) Abstract :
Reactive dyes of formula (1) wherein R1, R2, R3 and R4 are each independently of the others hydrogen or unsubstituted or substituted C1-C4alkyl, (R5)s denotes s identical or different substituents selected from the group halogen, sulfo, carboxy, C1-C4alkyI and C1-C4alkoxy, B is an aliphatic bridging member, X1 and X2 are halogen, r is an integer from 0 to 2, s is an integer from 0 to 3, and n and m are each independently of the other a number 1 or 2, and Z is a fibre-reactive group of formula -SO2-Y (2a), -NH-CO-(CH2)K-SO2-Y (2b), -CONH-(CH2)I-SO2-Y (2c), -NH-CO-CH(Hal)-CH2-Hal (2d) or -NH-CO-C(Hal)=CH2 (2e) wherein Hal is chlorine or bromine, k and I are each independently of the other a number 2, 3 or 4, and Y is vinyl or a radical -CH2-CH2-U and U is a group removable under alkaline conditions are suitable for dyeing cellulosic or amide-group-containing fibre materials.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2005
(21) Application No.2783/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF CONSTRUCTING HYBRIDOMA PRODUCING ANTIGEN-SPECIFIC ANTIBODY USING SINGLE ANTIGEN-SPECIFIC B LYMPHOCYTE AND METHOD OF PRODUCING MONOCLONAL ANTIBODY

(51) International classification :C12N 15/08
(31) Priority Document No :2003-089725
(32) Priority Date :28/03/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/004274
Filing Date :26/03/2004
(87) International Publication No :WO/2004/087911
(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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6)TAMIYA, Eiichi
7)SUZUKI, Masayasu

No of Pages : 20
No of Claims : 8

(57) Abstract :
a method of constructing a hybridoma producing an antigen-specific antibody with the use of an antigen-specific B lymphocyte and a method of producing a monoclonal antibody. The method of constructing a hybridoma producing an antigen-specific antibody comprises selecting a B lymphocyte reacting specifically with a certain antigen (an antigen-specific B lymphocyte), culturing the thus selected antigen-specific B lymphocyte, and fusing the antigen-specific B lymphocytes having proliferated by the culture with myeloma cells to give hybridomas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2005

(21) Application No.2784/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FIELD EMISSION DEVICE AND A METHOD OF FORMING SUCH A DEVICE

(51) International classification :H01J 9/02
(31) Priority Document No :03101158.8
(32) Priority Date :28/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050508
Filing Date :26/04/2004
(87) International Publication No :WO/2004/097884
(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)VERSCHUUREN, Marcus, A.
3)VINK, Teunis, J.

No of Pages : 14
No of Claims : 12

(57) Abstract :
A field emission device (1) may be used for emitting electrons in, for example, a field emission display (FED). Field emission tips (40) are used for the emitting of electrons in the field emission device (1). In operation of the field emission device (1) a voltage is applied between a first electrode (4) having electrical contact with the field emission tip (40) and a second electrode (34) to make the field emission tip (40) emit electrons. To form a field emission tip (40) a layer of liquid material is applied on a substrate (2) provided with the first electrode (4). The layer of liquid material is embossed with a patterned stamp and subsequently cured to form a field emission tip structure (20). A conductive film (38) is applied on the field emission tip structure (20) to form a field emission tip (40) that has electrical contact with the first electrode (4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2005
(21) Application No.2785/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF MANUFACTURING A FIELD EMITTING ELECTRODE

(51) International classification :H01J 9/00
(31) Priority Document No :03101157.0
(32) Priority Date :28/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050506
Filing Date :26/04/2004
(87) International Publication No :WO/2004/097883
(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 : 14
No of Claims : 14

(57) Abstract :
This invention relates to a method of manufacturing an field emission electrode, including a field emission electrode substrate (1) and a plurality of emitter particles (2) arranged on said field emission electrode substrate (1), comprising the steps of: - dispersing said emitter particles (2) as aerosolized emitter particles (2) in a carrier gas stream; - electrically charging said emitter particles (2); and - directing said charged emitter particles (2) in the carrier gas stream via at least one outlet towards the field emission electrode substrate (1) while maintaining an electric field between the substrate (1) and a deposition electrode (10) near the outlet, whereafter said emitter particles (2) are deposited on and adhered to said field emission electrode substrate (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2005
(21) Application No.2793/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESSES INVOLVING THE USE OF ANTISOLVENT CRYSTALLISATION

(51) International classification :B01D 9/00
(31) Priority Document No :60/466,389
(32) Priority Date :29/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/04383
Filing Date :23/04/2004
(87) International Publication No :WO/04/096404
(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 : 42
No of Claims : 14

(57) Abstract :
The present invention pertains to a process to make salt compositions comprising the steps of - feeding water to a salt source to form an aqueous solution comprising said salt, - feeding said aqueous solution to a crystalliser/settler, - contacting said aqueous solution with one or more antisolvents which force the salt to crystallise, with said antisolvents exhibiting crystal growth inhibiting properties and/or crystallisation and scale inhibiting properties, and/or where one or more crystal growth inhibitors are present either in the antisolvents or the aqueous solution and/or one or more scaling inhibitors are present either in the antisolvents or the aqueous solution, - feeding an overflow of the crystalliser/settler comprising one or more antisolvents and an aqueous salt solution to a nanofiltration unit comprising a membrane to separate the one or more antisolvents from the aqueous salt solution, - removing the crystallised salt in an aqueous slurry, - optionally, recycling the one or more antisolvents to the crystallises/Â settler, and - optionally, recycling water from the slurry to the first dissolution step and/or to the crystallises/settler. Preferably, the process is a closed loop process and the salt is sodium chloride. Preferably, the process further comprises a reverse osmosis step before the overflow of the crystallises/settler is fed to a nanofiltration unit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2005
(21) Application No.2796/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTISOLVENT SOLIDIFICATION PROCESS

(51) International classification :B01D 9/00
(31) Priority Document No :60/466,761
(32) Priority Date :29/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/04506
Filing Date :28/04/2004
(87) International Publication No :WO/04/096405
(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)REEDIJK, Marianne, Frederika
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5)BARGEMAN, Gerrald
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No of Pages : 36
No of Claims : 16

(57) Abstract :
The present invention relates to a antisolvent solidification process wherein a liquid medium comprising at least one organic or inorganic compound which is to be solidified is forced through a membrane into one or more antisolvents, or wherein one or more antisolvents are forced through a membrane into a liquid medium comprising at least one organic or inorganic compound which is to be solidified, yielding a composition comprising solid particles comprising said organic and/or inorganic compound(s).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2006
(21) Application No.28/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USER INTERFACE FOR PORTABLE MEDICAL DIAGNOSTIC APPARATUS AND METHOD OF USING THE SAME

(51) International classification :G06F 3/033
(31) Priority Document No :60/475,352
(32) Priority Date :03/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/017345
Filing Date :03/06/2004
(87) International Publication No :WO/2005/001680
(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 : 22
No of Claims : 28

(57) Abstract :
A medical diagnostic apparatus including a display screen for displaying a graphical user interface (GUI) including virtual switches, a user input device for allowing the virtual switches of the GUI to be selected, a processor connected to the display screen and the user input device, and a computer program having alphanumeric input instructions that cause the processor to display one of a numeric entry GUI and an alphanumeric entry GUI on the display screen. Selecting a predetermined virtual switch of the numeric GUI using the input device causes the alphanumeric GUI to be displayed, while selecting a predetermined virtual switch of the alphanumeric GUI causes the numeric GUI to be displayed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005
(21) Application No.2801/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CRYSTALS OF QUINOLINECARBOXYLIC ACID DERIVATIVE SOLVATE

(51) International classification :C07D 513/04
(31) Priority Document No :2003-124643
(32) Priority Date :30/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/06216
Filing Date :28/04/2004
(87) International Publication No :WO/2004/096815
(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 : 27
No of Claims : 6

(57) Abstract :
The invention aims at providing crystals of 6-fluoro-1-methyl-7-[4-(5-methyl-2-oxo-1,3-dioxolen-4-yl)- methyl-1-piperazinyl]-4-oxo-4H-[1,3]thiazeto[3,2-a]quino- line-3-carboxylic acid acetonitrile solvate (compound B) which are useful as an intermediate for producing preferentially III-type crystals of 6-fluoro-1-methyl-7-[4-(5-methyl-2-oxo -1,3-dioxolen-4-yl)methyl-1-piperazinyl]-4-oxo-4H-[1,3]- Thiazeto[3,2-a]quinoline-3-carboxylic acid (compound A). Compound B can be preferentially crystallized from acetonitrile by controlling the supersaturation concentration, and desolvation of the crystals of compound B can give III-type crystals of compound A.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005
(21) Application No.2807/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FLEXIBLE STENT WITH GOOD EXPANDABILITY AND EXCELLENT TRACKABILITY TO BLOOD VESSELS

(51) International classification :A61M 29/02
(31) Priority Document No :2003-125827
(32) Priority Date :30/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/06057
Filing Date :27/04/2004
(87) International Publication No :WO/04/096340
(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)TANAKA, Yuji

No of Pages : 44
No of Claims : 21

(57) Abstract :
The stent of the present invention is a tubular member comprising annular members 1 arranged in a longitudinal direction thereof for keeping a body lumen open, and one or more connecting elements 2 for connecting longitudinally adjoining two annular members 1, 1 with one another. Each annular member 1 comprises first annular member elements 11 and second annular member elements 12 which are alternately jointed together in the circumferential direction of the annular member 1. The annular members 1 are expandable in the radial direction thereof. The stent is flexible and excellent in trackability to lumens, thus making it possible to allow the stent to pass through the three-dimensionally meandering lumens. The stent is substantially free from shortening and makes it possible to provide the stent with a lateral hole.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005
(21) Application No.2812/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AROMATIC OXYPHENYL AND AROMATIC SULFANYLPHENYL DERIVATIVES

(51) International classification :C07C 323/20
(31) Priority Document No :PA200300649
(32) Priority Date :30/04/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK04/00290
Filing Date :27/04/2004
(87) International Publication No :WO/2004/096761
(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)MIKKELSEN, Gitte
3)ANDERSEN, Kim
4)GREVE, Daniel, Rodriguez
5)ESKILDSEN, JÃ¸rgen

No of Pages : 84
No of Claims : 21

(57) Abstract :
The present invention relates to compounds of formula I wherein the substituents are as defined below. The compounds of formula I are useful for the treatment of diseases such as schizophrenia, including both the positive and the negative symptoms of schizophrenia and other psychoses.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005

(21) Application No.2818/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TAK1-MEDIATED INHIBITION OF OSTEOGENESIS

(51) International classification :C12N
(31) Priority Document No :60/458,954
(32) Priority Date :01/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL04/00286
Filing Date :29/03/2004
(87) International Publication No :WO/04/087862
(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)PELLED, Gadi
3)TURGEMAN, Gadi
4)HOFFMANN, Andrea
5)GROSS, Gerhard
6)WODARCZYK, Claas
7)VERSCHUEREN, Kristin

No of Pages : 54
No of Claims : 25

(57) Abstract :
This invention is directed to methods, nucleic acids and compositions in TAK1-mediated regulation of SMAD activity. Promotion of TAK1 interaction with MH2 domains in SMADs negatively regulates SMAD biological activity. BMP-mediated SMAD activity is subject to TAK1 effects.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005
(21) Application No.2822/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPEX COMPOSITIONS AND METHODS OF USE

(51) International classification :C07K 14/47
(31) Priority Document No :60/467,206
(32) Priority Date :30/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/04562
Filing Date :29/04/2004
(87) International Publication No :WO/04/096976
(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)WILKINSON, Beverley

No of Pages : 55
No of Claims : 12

(57) Abstract :
The present invention provides novel polypeptides and other factors identified as being expressed in spleen tissue and related to lymphocyte activity and the immune response. These compounds are referred to herein as SPEX compounds. Human and murine homologues of SPEX polypeptides and polynucleotides are provided including two murine alleles. The invention further provides polynucleotides encoding the polypeptides and complementary nucleic acid sequences thereof. Also provided are immunogens, expression vectors, and antibodies related to the SPEX polypeptides and polynucleotides. The present invention discloses the use of anti-SPEX antibodies in the regulation of lymphocyte activity and the regulation of the immune response.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2005
(21) Application No.2825/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INCREASED POLYMERIZATION REACTOR OUTPUT BY USING A SPECIFIC INITIATOR SYSTEM

(51) International classification :C08F 4/38
(31) Priority Document No :03076390.8
(32) Priority Date :01/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/04500
Filing Date :27/04/2004
(87) International Publication No :WO/04/096871
(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)MEULENBRUGGE, Lambertus
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4)VAN SWIETEN, Andreas, Petrus

No of Pages : 21
No of Claims : 9

(57) Abstract :
The invention pertains to a process to polymerize one or more monomers wherein at most 90%w/w of a safely useable amount of a first initiator is used and a second initiator is dosed at least after the start of the polymerization, in an amount such that essentially the full cooling capacity of the polymerization reactor is used, resulting in a cost efficient process to make polymers, particularly polymers comprising polymerized vinyl chloride.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2005
(21) Application No.2837/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUSED PYRIMIDINE DERIVATIVES WITH CRF ACTIVITY

(51) International classification :C07D 487/04
(31) Priority Document No : 60/468,878
(32) Priority Date :05/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP04/04411
Filing Date :27/04/2004
(87) International Publication No :WO/04/099209
(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)SCHOENFELD, Ryan, Craig

No of Pages : 90
No of Claims : 30

(57) Abstract :
This invention relates to compounds which are generally CRF-1 receptor antagonists and which are represented by Formula I wherein X1 is (CH2)„, n is 0 to 2 and R1, R2, R3 and R4 are as defined in the specification; or individual isomers, racemic or non-racemic mixtures of isomers, or pharmaceutically acceptable salts thereof. The invention further relates to processes for preparing such compounds, to pharmaceutical compositions containing such compounds, and to methods for their use as therapeutic agents.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2005
(21) Application No.2856/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING QUINOLINE COMPOUND

(51) International classification :C07D 215/14
(31) Priority Document No :2003-102134
(32) Priority Date :04/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/002464
Filing Date :01/03/2004
(87) International Publication No :WO/2004/089907
(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 : 20
No of Claims : 1

(57) Abstract :
By a production method of a quinoline compound represented by the formula (I), which comprises reacting quinolinecarbaldehyde represented by the formula (II) with an imine compound represented by the formula (III) and then subjecting the resulting compound to hydrolysis, a quinoline compound useful as a synthetic intermediate for pharmaceutical agents, agricultural chemicals and the like can be efficiently and industrially advantageously produced in a short step using a starting material industrially easily available and easy to handle: wherein R1, R2, R3, R4, R5, R6 and R7 are as defined in the description.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2005

(21) Application No.2893/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ENCODING VIDEO INFORMATION USING BLOCK BASED ADAPTIVE SCAN ORDER

(51) International classification :H04N 7/26
(31) Priority Document No :03101245.3
(32) Priority Date :06/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050575
Filing Date :04/05/2004
(87) International Publication No :WO/2004/100554
(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 : 19
No of Claims : 9

(57) Abstract :
There is described an encoder (100; 200; 300) for encoding input video information to provide corresponding encoded output data. The encoder (100; 200; 300) comprises: (a) an input for receiving the video information comprising data corresponding to a sequence of image frames (20); (b) first processing hardware (110) for subdividing the data associated with each frame (20) into a plurality of data macro blocks (30); (c) second processing hardware (110) for transforming data of each macro block (30) into a corresponding coefficient data block recording at least spatial information present in its associated macro block (30); (d) third processing hardware (110) for scanning according to a scanning route each coefficient data block to generate a corresponding rearranged data block; and (e) a data compressor (110) for applying data compression to the rearranged data blocks to generate the encoded output data. The third processing hardware (110) is operable to select automatically the scanning route in response to a degree of asymmetry in each coefficient block to enhance data compression of the video information present in the encoded output data. Moreover, the third processing hardware is operable to utilize only a single scanning route for processing each coefficient data block to generate its corresponding rearranged data block.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2005
(21) Application No.2900/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROSTHETIC JOINT OF CERVICAL INTERVERTEBRAL DISCS

(51) International classification :A61F 2/44
(31) Priority Document No :03008127.7
(32) Priority Date :07/04/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/01498
Filing Date :17/02/2004
(87) International Publication No :WO/2004/089259
(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)MCAFEE, Paul, C.

No of Pages : 13
No of Claims : 10

(57) Abstract :
The invention relates to a prosthesis of a cervical intervertebral disc comprising a covering plate (1) which is provided with a surface (10) for connecting to a vertebral body, the width of said surface being larger than the depth thereof. The boundary (24) of the connection surface (10) in a dorsolateral area is taken back in comparison with a boundary (14) in an anterolateral area. Said taken back boundary (24) of the connection surface (10) can be connected to a projecting edge (14) by means of a rounding or a chamfer (25).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2005

(21) Application No.2907/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A DATA STORAGE DEVICE AND A METHOD OF GENERATING A MOTOR CONTROL SIGNAL THEREFOR

(51) International classification :G11B 19/26
(31) Priority Document No :03101278.4
(32) Priority Date :08/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050595
Filing Date :05/05/2004
(87) International Publication No :WO/2004/100148
(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)LUITJENS, Steven, B.

No of Pages : 21
No of Claims : 18

(57) Abstract :
The invention relates to a data storage device (101) which comprises a data interface (103) for reading data from a spinning data storage disc (105). The data storage device (101) comprises a motor (111) for spinning the data storage disc (105) at a desired speed. The data storage device (101) further comprises a speed change processor (115) for determining a preferred motor speed change time; and a motor controller (113) for controlling the motor (111) to perform the speed change in response to the preferred motor speed change time. Specifically, the preferred motor speed change time resulting in the lowest energy consumption for disc spin-up and jump operations are determined, and the motor (111) is controlled to change the speed substantially within the preferred motor speed change time. The invention is particularly suitable for Small Form Factor Optical (SFFO) disc systems and allows for reduced energy consumption and thus increased battery life

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2005
(21) Application No.2911/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PREPARATION OF PROPYLENE OXIDE

(51) International classification :C07D 301/12
(31) Priority Document No :103 20 635.3
(32) Priority Date :08/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/04971
Filing Date :10/05/2004
(87) International Publication No :WO/2004/099166
(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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6)BASSLER, Peter

No of Pages : 29
No of Claims : 10

(57) Abstract :
The invention relates to a method for producing propylene oxide, at least comprising steps (i) and (ii): (i) providing a catalyst containing at least one porous oxidic material; (ii) reacting propene with a hydroperoxide in at least one nitrile serving as a solvent or in a solvent mixture containing at least one nitrile in the presence of the catalyst in accordance with (i). The invention is characterized in that at least one porous oxidic material is a zeolite having a radiographic correspondence to the MWW type.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2005
(21) Application No.2922/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MEASURING MEDIUM ACTIVITY PATTERNS IN WIRELESS NETWORKS AND DERIVING INFORMATION FROM THE ACTIVITY PATTERNS

(51) International classification :H04L 12/56
(31) Priority Document No :60/469,196
(32) Priority Date :09/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/001506
Filing Date :03/05/2004
(87) International Publication No :WO/2004/100468
(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 : 34
No of Claims : 21

(57) Abstract :
An apparatus and method is provided for measuring medium activity patterns in wireless networks and deriving information about the radio environment from the measured medium activity/patterns. This invention is three-fold. First, it defines what to measure, including medium idle/busy patterns based on power detection, medium idle/busy pattern based on preamble detection, and medium idle/busy pattern based on virtual sensing. Second, it provides a mechanism for communicating the measurement request and report, as illustration for the case of IEEE 802.11. And last, it defines the information that can be derived given these measurements as discovery of: non-802 devices, 802.11e systems, 802.11e contention-based medium access priorities, 802.11e controlled medium access usage, 802.11b/g existence, and hidden stations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2005
(21) Application No.2924/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RADIO COMMUNICATION SYSTEM

(51) International classification :H04B 7/005
(31) Priority Document No :9918130.7
(32) Priority Date :03/08/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2000/007192
Filing Date :24/07/2000
(87) International Publication No : WO/2001/010158
(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)HUNT, Bernard

No of Pages : 12
No of Claims : 2

(57) Abstract :
A radio communication system has a random access channel for the transmission of data (214) from a secondary station to a primary station. Such a channel is intended for use by secondary stations having packets of data (214) to transmit to a primary station while not actually engaged in a call. A problem with known systems of this type is that a secondary station requesting access also specifies which of a plurality of channels it wishes to access. If that channel is busy access is denied, even if other suitable channels are available. In the present system the primary station transmits a random access channel availability (AV) message (302) once per frame to inform secondary stations about the resources currently available. Hence a secondary station can select a channel known to be free. If no channels are available the secondary station can avoid a wasted access attempt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2005
(21) Application No.2930/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVICE AND METHOD FOR DACRYOCYSTORHINOSTOMY

(51) International classification :A61F
(31) Priority Document No :10/411,592
(32) Priority Date :10/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/10973
Filing Date :07/04/2004
(87) International Publication No :WO/04/091431
(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)CALDERA, Tiziano
3)FONTANELLA, Walter

No of Pages : 13
No of Claims : 15

(57) Abstract :
An introducer and system and method for using the introducer in endoscopic combined laser assisted DCR for treatment of nasolachrymal drainage obstruction (NLDO) is disclosed. An introducer comprising a hollow outer tube and an atraumatic inner mandril is inserted into the lachrymal sac section. The atraurnatic inner mandril is removed and (one or more) optical fibers or fiber bundles are inserted for illumination to determine proper position and for ablating a drainage channel. The fiber or bundle is then removed and a DCR intubation set can then be introduced to maintain the drainage channel. One advantage of this device and method is that all aspects of the procedure can be performed through the introducer, thus only requiring a single insertion point, reducing trauma to the lachrymal duct, and reducing the complexity and risk of complication or infection. Another advantage of this device and method is that it can be used with many pre-existing intubation sets used for current DCR procedures, thus the present device and method can easily and cost effectively be introduced as a first line procedure.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2005
(21) Application No.2944/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR MEASUREMENT REPORT TIME STAMPING TO ENSURE REFERENCE TIME CORRECTNESS

(51) International classification :H04L 12/28
(31) Priority Document No :60/469,194
(32) Priority Date :09/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/001466
Filing Date :03/05/2004
(87) International Publication No :WO/2004/100450
(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 : 19
No of Claims : 19

(57) Abstract :
A system and method is provided that resolves a possible ambiguity in WLAN measurement reports by having a measuring entity include timer values in returned measurement reports. The time a measurement was requested to be performed and the actual time it was done by a measuring entity can be compared by the receiver to ensure that no ambiguities occurred.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2005
(21) Application No.2948/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 1,2,4-OXADIAZOLE BENZOIC ACID COMPOUNDS

(51) International classification :A61K 31/4245
(31) Priority Document No :60/461,988
(32) Priority Date :11/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/011106
Filing Date :09/04/2004
(87) International Publication No : WO/2004/091502
(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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4)ALMSTEAD, Neil, Gregory
5)MOON, YOUNG-CHOON

No of Pages : 110
No of Claims : 38

(57) Abstract :
Novel 1,2,4-oxadiazole benzoic acid compounds, methods of using and pharmaceutical compositions comprising an 1,2,4-oxadiazole benzoic acid derivative are disclosed. The methods include methods of treating or preventing a disease ameliorated by modulation of premature translation termination or nonsense-mediated mRNA decay, or ameliorating one or more symptoms associated therewith.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2005
(21) Application No.2954/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 7-ALKYL-10-HYDROXY-20(S)-CAMPTOTHECIN

(51) International classification :A61K
(31) Priority Document No :60/469,737
(32) Priority Date :12/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/014827
Filing Date :12/05/2004
(87) International Publication No :WO/2004/100897
(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)CHENG, Yung-Fa
3)CHENG, Kau-Ming;

No of Pages : 14
No of Claims : 16

(57) Abstract :
The key intermediate in any synthesis of Irinotecan is 7-ethyl-10-hydroxy-20(S) camptothecin. A process for the efficient synthesis of this intermediate is demonstrated proceeding through readily availabe 20(S)-camptothecin. Various other tecan compounds may be made by use of corresponding 7-alkyl-10-hydroxy-20(S)-camptothecin intermediates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2005
(21) Application No.2958/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR RESYNCHRONIZATION OF POINT-TO-POINT PROTOCOL SESSIONS FOR INTER-PDSN HANDOFFS

(51) International classification :H04L 12/56
(31) Priority Document No :60/469,930
(32) Priority Date :12/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/014456
Filing Date :07/05/2004
(87) International Publication No :WO/2004/102923
(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)DYCK, Jeffrey, Alan
3)REZAIIFAR, Ramin

No of Pages : 16
No of Claims : 8

(57) Abstract :
Methods and apparatus are presented to support the mobile Internet Protocol (mobile IP) across different air interface standards. In particular, mechanisms are provided that will allow a mobile device to selectively force a Point-to-Point Protocol (PPP) session resynchronization when the mobile device moves from the support of one air interface standard to another.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2005
(21) Application No.2960/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PREPARATION OF SITE-SPECIFIC PROTEIN CONJUGATES

(51) International classification :A61K 31/00
(31) Priority Document No :60/462,364
(32) Priority Date :11/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/010995
Filing Date :08/04/2004
(87) International Publication No :WO/2004/091494
(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)LEWIS, Danny
3)SCHMIDT, Paul
4)CAMPBELL, Kathleen, M.

No of Pages : 30
No of Claims : 21

(57) Abstract :
The invention is directed to a single-step method for rapidly and efficiently preparing protein-polymer conjugates, including an insulin-polymer conjugate. According to the method of the present invention, a protein and hydrophilic polymer are contacted in the presence of at least one organic solvent and at least one metal chelator, under conditions that promote the formation of a conjugate of the protein and polymer. Thus, the invention is directed to the site-specific modification of selected proteins, such as insulin, with poly(ethylene glycol) at residue PheB 1. The invention also provides a pharmaceutical formulation for encapsulating the conjugate in a biodegradable polymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2005
(21) Application No.2971/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INSOLUBLE GLOBIN INJECTABLE IMPLANT

(51) International classification :A61K 9/70
(31) Priority Document No :0305700
(32) Priority Date :12/05/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR04/01082
Filing Date :05/05/2004
(87) International Publication No :WO/04/100934
(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 : 25
No of Claims : 32

(57) Abstract :
The invention relates to a preparation which can be injected into or implanted in a human or animal organism, comprising as a main component insoluble globin which has a physiological pH and which is biocompatible and sterile.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2005
(21) Application No.2975/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR USE IN A COMMUNICATION SYSTEM

(51) International classification :H04L
(31) Priority Document No :60/469,975
(32) Priority Date :12/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/015130
Filing Date :12/05/2004
(87) International Publication No :WO/2004/102859
(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 : 38
No of Claims : 45

(57) Abstract :
Apparatus and methods are disclosed for determining a tolerable propagation delay between a repeater and a base station in a communication system. In one embodiment, a tolerable length of fiber optic cable between a repeater and a base station is determined. More particularly, a desired search window size in time is determined. A maximum fiber optic cable delay value is determined based on the desired search window size. Also, a ratio value of fiber optic cable delay value to fiber optic cable length is then determined. The tolerable length of the fiber optic cable is then determined based on the maximum fiber optic cable delay value and the ratio value.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2005
(21) Application No.2998/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : VARIABLE LENS

(51) International classification :G02B 26/02
(31) Priority Document No :03101335.2
(32) Priority Date :14/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050618
Filing Date :10/05/2004
(87) International Publication No :WO/2004/102250
(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)HENDRIKS, Bernardus, H., W.

No of Pages : 19
No of Claims : 12

(57) Abstract :
A variable lens (100; 200; 300; 400; 500; 600) is described. The lens (100; 200; 300; 400; 500; 600) comprises a chamber (125) defined by at least one side wall and having an optical axis (90) extending longitudinally through the chamber. The chamber (125) contains a first fluid (130) and a second fluid (140) in contact over a meniscus (150) extending transverse the optical axis (90). The perimeter of the meniscus (150) is constrained by the side walls (125). The fluids (130, 140) are substantially immiscible, and have different indices of refraction. At least one pump (110; 112, 114, 116, 152; 422) is arranged to controllably alter the position of the meniscus (150) along the optical axis (90) by altering the relative volume of each of the fluids (130, 140) contained within the chamber (125).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2005
(21) Application No.3002/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TWO-WAY SMS/XML POSITION LOCATION API

(51) International classification :H04Q 7/20
(31) Priority Document No :60/471,442
(32) Priority Date :15/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/015203
Filing Date :14/05/2004
(87) International Publication No :WO/2004/105295
(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 : 26
No of Claims : 40

(57) Abstract :
A communication protocol for use between a position-location server and a wireless communication device provides for messages in the ubiquitous extensible markup language (XML) to be sent between the position-location server and the wireless communication device over a wireless communication network. In particular, the position-location sever composes a position-location request, and sends the request to a wireless communication device. The request seeks information from the wireless communication device, and may include information relating to the location, altitude, velocity, and orientation of the wireless communication device. In return, the wireless communication device provides a position-location response that includes the requested information. Additionally, information relating to the accuracy of the position and location information can be included with the response to improve any predictive metrics that are later determined by the position-location server.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2005
(21) Application No.3011/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ARYLAMINE COMPOUND AND ORGANIC ELECTROLUMINESCENCE DEVICE CONTAINING THE SAME

(51) International classification :C07C 211/61
(31) Priority Document No :2003-136710
(32) Priority Date :15/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/06006
Filing Date :26/04/2004
(87) International Publication No :WO/04/101491
(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)INOUE, Tetsuya
3)HOSOKAWA, Chishio

No of Pages : 70
No of Claims : 11

(57) Abstract :
Provided are a novel arylamine compound of a specific structure having at least one spiro bond; an organic EL device in which an organic compound layer comprising one layer or plural layers including at least a luminescent layer is interposed between a cathode and an anode, wherein at least one of the above organic compound layers contains the arylamine derivative described above; an organic EL device in which an organic compound layer comprising one layer or plural layers including at least a luminescent layer is interposed between a cathode and an anode, wherein at least one of the above organic compound layers contains the arylamine derivative described above and a luminescent material; and an organic EL device in which an organic compound layer comprising one layer or plural layers including at least a luminescent layer is interposed between a cathode and an anode, wherein the above organic compound layer is prepared by laminating a hole transporting layer containing the arylamine derivative described above and a luminescent layer comprising a phosphorescence-emitting metal complex and a host material. Provided are an organic EL device which has a high luminance, a high heat resistance and a long life and which is excellent in a hole transporting property and has a high luminous efficiency and a novel arylamine copound which realizes the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2005
(21) Application No.3017/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LINK LATENCY DETERMINATION FOR MOBILE IP RE-REGISTRATION

(51) International classification :H04Q 7/38
(31) Priority Document No :10/681,883
(32) Priority Date :16/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/015206
Filing Date :14/05/2004
(87) International Publication No :WO/2004/105425
(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)MANDAYAM, Jayanth

No of Pages : 31
No of Claims : 49

(57) Abstract :
A method and system for link latency determination in a Mobile IP network determine an unloaded network delay; set a current estimated delay; initiate a current round trip estimation process; and set a retry timer. If the retry timer expires before the process completes, the method and system update the predetermined backoff period and repeat the preceding two steps. After re-registration, the method and system reset the current estimated delay time. The link latency determination optimizes the re-registration process between a mobile device and an agent device, thereby enhancing mobile device communications, minimizing network loading, and optimizing network traffic levels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2005
(21) Application No.3030/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : VALUATING RIGHTS FOR 2ND HAND TRADE

(51) International classification :G06F 21/00
(31) Priority Document No :03101372.5
(32) Priority Date :16/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050647
Filing Date :12/05/2004
(87) International Publication No :WO/2004/102460
(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)FONTIJN, Wilhelmus, F., J.

No of Pages : 15
No of Claims : 13

(57) Abstract :
The present invention relates to a method, a system and a computer-readable medium storing computer-executable components for distribution of digital rights. The idea of the invention is to attach a trading value of a certain magnitude to a digital right to be distributed. The digital right is associated with a digital content bought by a consumer at the provider. The trading value of the digital right thus specifies the value of the digital content when trading the digital content for another digital content. The inventive idea is advantageous since, in prior art DRM systems, there is no trading value attached to copyrighted digital content once a provider has sold it to a consumer. By attaching a trading value to the sold digital content, the content can later easily be traded under supervision of an appropriate DRM system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2005

(21) Application No.3032/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EXTENDED FOCUS CONTROL

(51) International classification :G11B 7/09
(31) Priority Document No :03101386.5
(32) Priority Date :16/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050641
Filing Date :12/05/2004
(87) International Publication No : WO/2004/102550
(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 : 13
No of Claims : 9

(57) Abstract :
An apparatus for scanning a track on a record carrier has a head (41) for providing a beam of radiation and generating at least one sensor signal. The device has a focusing unit for controlling a focusing element to maintain an in-focus position for generating a focused spot on the track. The sensor signal is converted into a displacement signal by a multitude of piecewise converters (42,43,44), each converter converting a range of the sensor signal values into a position signal, and selection means (46) for selecting one of the position signals as the displacement signal based on an estimated displacement.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2005
(21) Application No.3040/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR TEXT-TO-SPEECH PROCESSING IN A PORTABLE DEVICE

(51) International classification :G10L
(31) Priority Document No :60/463,760
(32) Priority Date :18/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/11654
Filing Date :15/04/2004
(87) International Publication No :WO/2004/095419
(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 : 15
No of Claims : 19

(57) Abstract :
A system and method for providing high-quality text-to-speech (TTS) output in a low-complexity device is disclosed. TTS output is generated by a TTS system that resides on a high-complexity device. The TTS output is transmitted from the high-complexity device to the low-complexity device for subsequent retrieval and playback.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2005
(21) Application No.3041/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF B7-H3 AS AN IMMUNOREGULATORY AGENT

(51) International classification :A61K 38/00
(31) Priority Document No :60/463,342
(32) Priority Date :17/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/11767
Filing Date :16/04/2004
(87) International Publication No :WO/04/093894
(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 : 48
No of Claims : 21

(57) Abstract :
The present disclosure relates to the fields of immunology and clinical immunology, and more particularly to the use of B7-family ligands and agonists and antagonists thereof in modulation of immune response. The invention provides methods for modulation of lymphocyte activation involving the use of B7-H3, including B7-H3 VC and B7-H3 VCVC, and related molecules such as, for example, antibodies and nucleic acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2005

(21) Application No.3045/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PREPARING ALKOXY- AND ARYLOXY-PHENOLS

(51) International classification :C07C 43/00
(31) Priority Document No :MI2003A000823
(32) Priority Date :18/04/2003
(33) Name of priority country :Italy
(86) International Application No :PCT/EP04/50470
Filing Date :07/04/2004
(87) International Publication No :WO/04/092106
(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)CAPPARELLA, Elisa
4)POLUZZI, Elisa

No of Pages : 21
No of Claims : 41

(57) Abstract :
Process for preparing alkoxy- and aryloxy-phenols, comprising oxidizing the ketone of formula (I) with peracids to give the corresponding ester of formula (II) which is then hydrolysed to give the corresponding aryloxy- or alkoxy-phenol.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2005
(21) Application No.3052/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RECOVERY OF CRUDECRUDE 1,3-BUTADIENE FROM A C4 FRACTION

(51) International classification :C07C 7/08
(31) Priority Document No :103 22 655.9
(32) Priority Date :20/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/05407
Filing Date :19/05/2004
(87) International Publication No :WO/04/103937
(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)HEIDA, Bernd

No of Pages : 17
No of Claims : 9

(57) Abstract :
A process for recovering crude 1,J-butadiene from a C4 fraction by extractive distillation using a selective solvent in a dividing wall column (TK) in which a dividing wall (T) is arranged in the longitudinal direction of the column to form a first subregion (A), a second subregion (B) and a lower common column region (C) and which is preceded by an extractive scrubbing column (K), wherein the operation of the dividing wall column (TK) is set by regulation of the energy input into the dividing wall column (TK) via a bottom vaporizer (V) and setting of the number of the theoretical plates in the lower common column region (C) so that a bottom stream (17) consisting of purified solvent is obtained from the dividing wall column (TK), is proposed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2005
(21) Application No.3069/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DISC DRIVE APPARATUS, AND METHOD FOR TIMING RECALIBRATION IN A DISC DRIVE APPARATUS

(51) International classification :G11B 20/18
(31) Priority Document No :03101403.8
(32) Priority Date :19/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050652
Filing Date :12/05/2004
(87) International Publication No :WO/2004/102556
(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)VAN DEN HOOGEN, Antonius, J., J.
3)FRANCO, Bart

No of Pages : 18
No of Claims : 23

(57) Abstract :
disc drive apparatus (1) is described, comprising a data engine system (20) and a data processing system (30) in data communication with each other. The data engine system (20) and the data processing system (30) are also in a conferring communication with each other regarding the timing of recalibration. The data engine system (20) is designed to determine (step 120; 320) a moment when a recalibration procedure would be desirable, and to send (step 121; 321) a recalibration request signal to the data processing system (30). The data processing system (30) may or may not send (step 230; 430) a recalibration permission signal to the data engine system (20). The data engine system (20) only performs (step 132; 332) a recalibration procedure after having received the recalibration permission signal from the data processing system (30).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2005

(21) Application No.3071/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR SETTING DATA CARRIER SPEED IN A DATA CARRIER DRIVE APPARATUS

(51) International classification :G11B 19/28
(31) Priority Document No :03101414.5
(32) Priority Date :19/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050663
Filing Date :12/05/2004
(87) International Publication No :WO/2004/102555
(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)LENAERTS, Ludo, A., L.

No of Pages : 25
No of Claims : 23

(57) Abstract :
A method is described for setting a disc speed in a disc drive apparatus (3)which is in data transfer communication (7) with a host system (2), wherein data transfer between carrier and drive apparatus takes place with a carrier/drive transfer rate (DDTR) and wherein data transfer between drive apparatus and host system takes place with a drive/host transfer rate (DHTR). A target speed different from the current speed is calculated; the expected carrier/drive transfer rate (DDTRex) at the target speed is calculated; and the drive/host transfer rate (DHTR) is compared to the expected carrier/drive transfer rate (DDTRex). The current speed is maintained if said comparison between drive/host transfer rate (DHTR) and expected carrier/drive transfer rate (DDTRex) indicates that a next speed change from the said target speed back to the current speed is to be expected if the speed would be changed to the said target speed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2005
(21) Application No.3096/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR SEPARATING OUT AT LEAST ONE ORGANIC COMPOUND

(51) International classification :B01D 11/02
(31) Priority Document No :03 06201
(32) Priority Date :22/05/2003
(33) Name of priority country :France
(86) International Application No :PCT/EP04/50870
Filing Date :19/05/2004
(87) International Publication No :WO/04/103514
(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)SURBLED, Michel
3)MOMPON, Bernard

No of Pages : 16
No of Claims : 24

(57) Abstract :
Process for separating out at least one organic compound from a substrate containing the said organic compound, comprising a treatment of the substrate with an extraction medium comprising at least one fluoro compound with an atmospheric boiling point of greater than or equal to 25 DEG C, so as to form a fraction comprising organic compound and fluoro compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2005
(21) Application No.3103/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR CONTINUOUSLY PREPARING ALKYLAMINO(METH)-ACRYLAMIDES

(51) International classification :C07C 213/02
(31) Priority Document No :103 23 699.6
(32) Priority Date :22/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/03862
Filing Date :13/04/2004
(87) International Publication No :WO/2004/103952
(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 : 20
No of Claims : 16

(57) Abstract :
The invention relates to a method for continuously producing alkylamino(meth)acrylamide by reacting methyl(meth)acrylate, ethyl(meth)acrylate or amines that are high-boiling compared to methanol or ethanol. A special processing technique makes it possible to achieve product qualities previously not possible. Very high space/time and overall yields can also be achieved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2005
(21) Application No.3106/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMMUNICATION METHOD AND SYSTEM

(51) International classification :G06F 1/32
(31) Priority Document No :03300019.1
(32) Priority Date :22/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/001667
Filing Date :17/05/2004
(87) International Publication No :WO/2004/104816
(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)HELWEGEN, Ivon, Franciscus

No of Pages : 9
No of Claims : 16

(57) Abstract :
The invention relates to a method of communicating between an application block and a drive block in a low power storage device. This method consists of executable instructions corresponding to the steps of sending from the application block, by means of an interface, specific commands giving the drive block knowledge about the application involved in said application block and, in reply to said commands, issuing a low power handling in the drive block. The invention also relates to a corresponding device for communicating between an application block and a drive block.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3119/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DRUG DELIVERY SYSTEM

(51) International classification :A61K 9/00
(31) Priority Document No :03101490.5
(32) Priority Date :23/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/50850
Filing Date :19/05/2004
(87) International Publication No : WO/2004/103336
(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)DE GRAAFF, Wouter
3)OUT, Henk, Jan

No of Pages : 39
No of Claims : 49

(57) Abstract :
The subject invention provides a drug delivery system comprising at least one compartment consisting of (i) a drug-loaded thermoplastic polymer core, (ii) a drug-loaded thermoplastic polymer intermediate layer and (iii) a non-medicated thermoplastic polymer skin covering the intermediate layer, wherein said intermediate layer is loaded with (a) crystals of a first pharmaceutically active compound and with (b) a second pharmaceutically active compound in dissolved form and wherein said core is loaded with said second compound in dissolved form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3120/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR SEPARATION OF OPTICALLY ACTIVE DIHYDROXY- HEPTENOIC ACID ESTERS

(51) International classification :C07D 209/24
(31) Priority Document No :2003-119819
(32) Priority Date :24/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/05924
Filing Date :23/04/2004
(87) International Publication No :WO/04/094377
(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)TACHIBANA, Kozo
3)MURAZUMI, Koichi

No of Pages : 50
No of Claims : 5

(57) Abstract :
An optically active dihydroxyheptenoic acid ester having an aromatic group is separated from a solution containing a mixture of optical isomers of the dihydroxyheptenoic acid ester by liquid chromatography with a packing material constituted of a carrier and a polysaccharide derivative supported on the carrier. The polysaccharide derivative is a polysaccharide in which the hydrogen atoms constituting the hydroxyl and amino groups are partially or all replaced by one or more kinds of groups selected from among carbamoyl groups monosubstituted with aromatic groups having specific alkyl groups and benzoyl groups having specific alkyl groups. According to the invention, optically active dihydroxyheptenoic acid esters can be separated more distinctly.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3121/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SEPARATING AGENT FOR OPTICAL ISOMERS

(51) International classification :G01N 30/48
(31) Priority Document No :2003-119827
(32) Priority Date :24/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/05923
Filing Date :23/04/2004
(87) International Publication No :WO/2004/099766
(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)ONISHI, Atsushi
2)KUDO, Keiko

No of Pages : 28
No of Claims : 6

(57) Abstract :
A separatory agent for optical isomers which contains a polysaccharide derivative as an active ingredient, wherein the polysaccharide derivative serving as an active ingredient is one formed by replacing at least part of the hydrogen atoms of the hydroxy groups and amino groups of a polysaccharide with at least one member selected between a benzoyl group having a specific alkyl group and a carbamoyl group in which one hydrogen atom has been replaced with an aromatic group having a specific alkyl group. It is a novel separatory agent for optical isomers which has the high ability to asymmetrically identify the target compound to be analyzed and isolated.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3123/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HYDROGENATION OF A MONOOLEFINICALLY UNSATURATED COMPOUND

(51) International classification :C07C 67/303
(31) Priority Document No :103 18 697.2
(32) Priority Date :24/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/04205
Filing Date :21/04/2004
(87) International Publication No :WO/04/094360
(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)SCHEIDEL, Jens
3)BASSLER, Peter
4)ROPER, Michael

No of Pages : 16
No of Claims : 22

(57) Abstract :
A process for hydrogenating a monoolefinically unsaturated compound carrying at least two functional groups that are independently selected among a nitrile group, carboxylic acid group, carboxylic acid ester group, and carboxylic acid amide group, to a saturated compound carrying the same at least two functional groups in the presence of a rhodium-containing compound which acts as a catalyst and is homogeneous regarding the reaction mixture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3128/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : REWRITABLE RECORD CARRIER

(51) International classification :G11B 27/034
(31) Priority Document No :03101491.3
(32) Priority Date :23/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2004/050740
Filing Date :19/05/2004
(87) International Publication No :WO/2004/105033
(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)IJTSMA, Pope
4)BLACQUIERE, Johannis, F., R.

No of Pages : 11
No of Claims : 11

(57) Abstract :
The present invention relates to a rewritable record carrier of a predetermined format storing one or more directories of user data in a predetermined data format. In particular, its invention relates to the storage of DVD-Video data on a Mount Rainier formatted optical disc, such as a DVD+RW disc. In order to enable a consumer player to play back video data which has been written to the record carrier in said predetermined format it is proposed that the record carrier comprises a convergence directory (VIDEO TS) including a title set (VTS) for each directory of user data stored on said record carrier, each title set comprising a title set information file (vts xy.ifo) and one or more object files (vts xy.vob), said title set information file (vts xy.ifo) including content and address information of said one or more object files (vts xy.vob) which comprise address information of said user data, and management information (VMG) comprising a management information file (video ts.ifo) comprising address information of said title set information files (vts xy.ifo).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2005
(21) Application No.3129/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COSMETIC AND/OR PHARMACEUTICAL COMPOSITIONS COMPRISING DIMTHYLSULPHONE FOR THE CURE AND PREVENTION OF IRRITATION, INFLAMMATION AND CUTANEOUS ERYTHEMA

(51) International classification :A61K 31/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT03/00340
Filing Date :30/05/2003
(87) International Publication No : WO/2004/105741
(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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No of Pages : 30
No of Claims : 10

(57) Abstract :
The present invention has as subject a new composition for cosmetic or pharmaceutical use intended for external use to be applied both to undamaged and damaged skin or onto the mucosa to reduce or inhibit irritation, inflammation and cutaneous erythema induced by events of an exogenous nature (irritations induced by chemical agents, pharmaceuticals, cosmetic ingredients, physical agents - such as, for example, solar radiation, ultraviolet radiation, ionising radiation, X rays, gamma rays, laser light - bacterial agents, viral agents, etc) and to photoprotect the skin from solar radiation and specifically from damage induced by ultraviolet radiation of types A, B and C. More particularly, the present invention refers to the use of dimethyl sulphone in the preparation of a pharmaceutical or cosmetic composition for topical use, to prevent and/or cure the above mentioned cutaneous manifestations.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2005
(21) Application No.3131/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LEAD FREE ALLOYS FOR COLUMN/BALL GRID ARRAYS, ORGANIC INTERPOSERS AND PASSIVE COMPONENT ASSEMBLY

(51) International classification :H01L 23/48
(31) Priority Document No :10/249,621
(32) Priority Date :24/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/37952
Filing Date :25/11/2003
(87) International Publication No :WO/2004/097937
(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)INTERRANTE, Mario, J.

No of Pages : 31
No of Claims : 18

(57) Abstract :
A lead free solder hierachy structure for electronic packaging that includes organic interposers (50). The assembly may also contain passive components (100) as well as underfill material (80). The lead free solder hierachy also provides a lead free solder solution for the attachment of a heat sink (75) to the circuit chip (10) with a suitable lead free solder alloy.e assembly may also

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2005
(21) Application No.3134/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTI-CHANNEL OPTICS

(51) International classification :G01S 7/481
(31) Priority Document No :156125
(32) Priority Date :26/05/2003
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2004/000444
Filing Date :24/05/2004
(87) International Publication No :WO/2004/104624
(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)FREIMAN, Dov
3)COHEN, Moshe

No of Pages : 14
No of Claims : 16

(57) Abstract :
Multiple channel optical system including a primary optical channel defining a primary optical aperture, and at least a secondary optical channel, the primary optical channel including at least a primary channel front optical element generally located within the primary optical aperture, the primary optical channel being operative to serve at least a first range of wavelengths, the secondary optical channel defining a window within the primary optical aperture, the window being physically configured within the primary optical channel front optical element by substantially removing all of the optical material of the primary optical channel front optical element occupying the window, the secondary optical channel being operative to serve at least a second range of wavelengths, wherein the first range of wavelengths and the second range of wavelengths are substantially non overlapping.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2005
(21) Application No.3180/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DICOPPER (I) OXALATE COMPLEXES AS PRECURSOR FOR METALLIC COPPER DEPOSITION

(51) International classification :C07F 1/08
(31) Priority Document No :103 19 454.1
(32) Priority Date :29/04/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/03313
Filing Date :29/03/2004
(87) International Publication No :WO/04/096816
(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)KOHLER, Katrin

No of Pages : 28
No of Claims : 25

(57) Abstract :
The invention relates to dicopper (I) oxalate complexes, stabilised by means of neutral Lewis bases, such as alkenes or alkynes and the use of dicopper (I) oxalate complexes as precursor for metallic copper deposition in which the neutral Lewis bases are alkynes, alkenes, triarylphosphines, CO and isonitriles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2005
(21) Application No.3198/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SIGNALLING IN A COMMUNICATIONS NETWORK

(51) International classification :H04J 3/16
(31) Priority Document No :0312439.3
(32) Priority Date :30/05/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2004/050782
Filing Date :26/05/2004
(87) International Publication No :WO/2004/107619
(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)LAIHO, Kimmo

No of Pages : 29
No of Claims : 37

(57) Abstract :
A terrestrial digital video broadcasting (DVB-T) network is used to transmit IP datagrams to receiving devices using multiprotocol encapsulation (MPE). MPE datagram section and, if forward error correction (FEC) is used, MPE-FEC datagram sections may include time-slicing parameters, such as a â€œdelta-tâ€ parameter for specifying a time until the next burst is transmitted and a flag for indicating the end of a burst. Thus, MPE and MPE-FEC datagram sections can be transmitted in bursts. Other types of sections, however, do not include such time-slicing parameters and thus cannot usually be transmitted in bursts. Nevertheless, by assembling a burst including at least one MPE or MPE-FEC datagram section which specifies delta-t and MPE or MPE-FEC datagram section at the end of a burst which indicates its position, other types of sections can benefit from being transmitted in bursts.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2005
(21) Application No.320/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMMUNE MODULATOR COMPOSITION COMPRISING A WHOLE CELL OF A BACTERIUM

(51) International classification :A61K 39/39
(31) Priority Document No :0220809.8
(32) Priority Date :06/09/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/003873
Filing Date :05/09/2003
(87) International Publication No :WO/2004/022093
(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 : 91
No of Claims : 22

(57) Abstract :
An immune modulator composition and/or phannaceurical composition comprising a whole cell of a bacterium from the genera Rhodococcus, Gordonia, Nocardia, Dietzia, Tsukamurella and Nocardioides, wherein said immune modulator composition in use modifies a cellular immune response.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2005
(21) Application No.3211/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A FORMULATION FOR CHEMICAL PEELING

(51) International classification :A61K 7/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT03/00339
Filing Date :30/05/2003
(87) International Publication No : WO/2004/105722
(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)DE PAOLI AMBROSI, Gianfranco

No of Pages : 30
No of Claims : 0

(57) Abstract :
The present invention refers to a new formulation able to increase the efficacy and the tolerability of preparations based on the use of compounds used to carry out chemical peeling. More particularly, the present invention refers to a composition for chemical peeling, comprising at least one keratolytic agent and dimethyl isosorbide. The composition may additionally comprise dimethyl sulphone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2005
(21) Application No.3213/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYNTHESIS OF HIGH MOLECULAR WEIGHT IRON-SACCHARIDIC COMPLEXES

(51) International classification :A61K
(31) Priority Document No :60/474,652
(32) Priority Date :30/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/16866
Filing Date :28/05/2004
(87) International Publication No :WO/2005/000210
(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)MATEER, Robert, A., Jr.
3)KOWALSKI, John

No of Pages : 75
No of Claims : 115

(57) Abstract :
A process for preparing parenteral iron-saccharidic complexes, and the complexes produced, comprising: (1) providing an aqueous solution or dispersion including (i) Fe (III) and (OH)- ions and (ii) at least one saccharide, to form a reaction mixture, where the molar ratio of (i): (ii) is about 30:1 to about 1:30; and the mixture temperature and pH are at or above the complex assembly point (CAP); and (2) maintaining temperature and pH at or above the CAP for a time sufficient to form an iron-saccharidic complex having a molecular weight of about 25,000 Daltons or more. Control of the temperature and pH efficiently produces a high molecular weight complex. The complex can be separated by precipitation, dialysis and/or column fractionation and, if desired, dried, e.g., lyophilized or spray dried. The process can controllably synthesize complexes of varying molecular weight and/or chemical composition, particularly sodium ferric gluconate and ferric hydroxide-sucrose.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2005
(21) Application No.3220/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITE BIASABLE REFLECTIVE SHEET AND SLEEVE

(51) International classification :H02H
(31) Priority Document No :60/467,081
(32) Priority Date :01/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/09056
Filing Date :24/03/2004
(87) International Publication No :WO/2004/102759
(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)FRYBERGER, Samuel, B., Jr.

No of Pages : 24
No of Claims : 67

(57) Abstract :
A composite sheet biasable into a tubular shape to form a sleeve for isolating or protecting elongated items is disclosed. The sheet has a reflective surface formed by a metal foil layer overlying a flexible polymer layer having a metalized surface. A biasable polymer netting layer is positioned overlying the flexible layer opposite the metalized surface. The netting layer is formed of elongated members that define interstices. A damping layer of non-woven material is positioned adjacent to the netting layer. An adhesive layer is positioned between the flexible layer and the netting layer to bond the netting layer and the damping layer to the flexible layer. Biasing is effected by the elongated members of the netting layer which are stiffer in the circumferential direction around the sleeve to provide radial stiffness.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2005
(21) Application No.3229/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RECEIVING APPARATUS WITH HYBRID EQUALIZER AND RAKE RECEIVER AND CORRESPONDING METHOD OF RECEIVING

(51) International classification :H04B 1/707
(31) Priority Document No :60/475,250
(32) Priority Date :02/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/017578
Filing Date :02/06/2004
(87) International Publication No :WO/2004/109947
(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)HOWARD, Michael, A.

No of Pages : 30
No of Claims : 32

(57) Abstract :
Wireless communication receiver with hybrid equalizer and RAKE receiver. The receiver compares performance of the system for RAKE only and RAKE in combination with equalizer estimates. The receiver enables or disables the equalizer accordingly.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2005
(21) Application No.3231/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS AND PLANT FOR THE SIMULTANEOUS PRODUCTION OF A LIQUEFIABLE NATURAL GAS AND A CUT OF NATURAL GAS LIQUIDS

(51) International classification :C10L 3/10
(31) Priority Document No :03/06632
(32) Priority Date :02/06/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR04/01334
Filing Date :28/05/2004
(87) International Publication No :WO/2004/108865
(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 : 23
No of Claims : 13

(57) Abstract :
The method comprises the following steps:(a) introduction of the feed natural gas (101) into a first distillation column (31) which gives a pre-treated natural gas (111) as top product, said pre-treated natural gas (111) being practically free of hydrocarbons of C6+, (b) the pre-treated natural gas (111) is introduced into a liquid natural gas recovery unit (19), comprising at least one second distillation column (49), to produce as top product a purified natural gas (151) and a liquid natural gas cut (15) and (c) the natural gas for liquefaction (161) is formed by the purified natural gas (151) from step (b).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2005
(21) Application No.3232/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRINTING INK CONTAINING FLUORESCENT COLORANTS AND INK-JET RECORDING METHOD

(51) International classification :C09D 11/02
(31) Priority Document No :2003-127618
(32) Priority Date :02/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/08103
Filing Date :26/06/2003
(87) International Publication No :WO/04/096931
(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)SUGAMA, Sadayuki
3)KOIKE, Shoji
4)AOKI, Makoto
5)NAGASHIMA, Akira
6)HAKAMADA, Shinichi

No of Pages : 85
No of Claims : 27

(57) Abstract :
The present invention provides a fluorescence ink having a high fluorescence intensity, and an ink jet recording method using the same. The ink contains a first fluorescent coloring material that emits fluorescence at a predetermined fluorescence wavelength to be used for measurement or determination with excitation at a predetermined excitation wavelength, a second fluorescent coloring material that emits fluorescence on excitation at the predetermined excitation wavelength, where the excitation spectrum of the first coloring material in the ink to obtain the fluorescence at the predetermined emission wavelength has a peak ~ wavelength range next to the predetermined fluorescence wavelength, and the emission fluorescence spectrum of the second coloring material has an emission wavelength region substantially including at least the above peak wavelength range.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2005
(21) Application No.3233/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AQUEOUS FLUORESCENT INK, RECORD IMAGING METHOD AND RECORD IMAGE

(51) International classification :C09D 11/00
(31) Priority Document No :2003-162988
(32) Priority Date :02/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/08107
Filing Date :26/06/2003
(87) International Publication No :WO/2004/096928
(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)SUGAMA, Sadayuki
3)UDAGAWA, Masako

No of Pages : 184
No of Claims : 35

(57) Abstract :
A water based ink improving both the image fast and the coloring properties of a record image, characterized in that the components of the water based ink are conditioned such that an ink drop, forming the outline part fixed with a second coloring material, being fixed around the central part fixed with a first coloring material can be formed at least on the surface part of a recording material; a record image; and a recording method.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2005
(21) Application No.3255/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : N-ALKYNYL-2-HETEROARYLOXYALKYLAMIDES FOR USE AS FUNGICIDES

(51) International classification :C07D 277/62
(31) Priority Document No :0312864.2
(32) Priority Date :04/06/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB04/02308
Filing Date :28/05/2004
(87) International Publication No :WO/04/108694
(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)SALMON, Roger
2)CROWLEY, Patrick, Jelf

No of Pages : 75
No of Claims : 15

(57) Abstract :
Compounds of the general formula (I) are useful as fungicides wherein Het is a 5- or 6- linked group of the formula (a) or (b), and the variables are as defined in the claims.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2005
(21) Application No.3267/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF HETEROCYCLIC COMPOUNDS AS SCCE INHIBITORS

(51) International classification :A61K 31/536
(31) Priority Document No :PA 2003 00840
(32) Priority Date :06/06/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2004/000388
Filing Date :07/06/2004
(87) International Publication No :WO/2004/108139
(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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No of Pages : 65
No of Claims : 29

(57) Abstract :
The present invention relates to heterocyclic inhibitors of stratum corneum chymotryptic enzyme (SCCE). More particularly, the invention relates to the use of compounds with the formula (I) or (II) for treatment of certain diseases, in particular skin diseases such as pruirtus, as well as cancer such as ovarian cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2005
(21) Application No.3285/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANIONIC AZO DYES AND THE METAL COMPLEXES THEREOF FOR COLOURING LEATHER

(51) International classification :D06P 3/32
(31) Priority Document No :103 25 808.6
(32) Priority Date :06/06/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/06045
Filing Date :04/06/2004
(87) International Publication No :WO/04/109009
(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)ZAMPONI, Andrea

No of Pages : 35
No of Claims : 12

(57) Abstract :
The invention relates to the use of anionic dyes wich have at least one acid group in the form of the salt thereof and at least 2 azo groups and also to the use of their anionic metal complexes for dyeing leather.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2005
(21) Application No.3294/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MATRIX CELL IMPLANT AND METHODS FOR PREPARING AND USING THEM

(51) International classification :C08J 9/26
(31) Priority Document No :103 25 807.8
(32) Priority Date :06/06/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/06140
Filing Date :07/06/2004
(87) International Publication No :WO/2004/108810
(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 : 39
No of Claims : 45

(57) Abstract :
The invention relates to porous matrices based on a biologically compatible polymer or polymer mixture, to a cell implantation that is established on said matrices and to additional cell implantation based on cell mixtures of hepatocytes and islets of Langerhans. The invention also relates to a method for producing porous matrices, to matrices obtained according to said method and to a special method for obtaining cells for the inoculation of an implantable matrix.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2005
(21) Application No.3309/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CLEANSING COMPOSITION

(51) International classification :A61K 7/075
(31) Priority Document No :2003-129539
(32) Priority Date :07/05/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/06116
Filing Date :28/04/2004
(87) International Publication No :WO/04/098549
(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)SAITO, Masatoshi
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No of Pages : 34
No of Claims : 9

(57) Abstract :
The cleansing composition of the present invention is a composition containing, together with (A) a sulfate type anionic surfactant and (B) an N-acylalanine or a salt thereof, at least one kind of compound selected from the group consisting of (C) an amphoteric surfactant, (D) a cationic polymer, (E) a silicone compound and (F) an oily material, wherein the mixing ratio of (A) and (B) of (A)/(B) = 99/1 -70/30 (wt%) and the concentration of ingredient (A) or (C) is the highest of all the surfactant components in the composition. The cleansing composition of the present invention is preferable as a cleansing agent for skin and/or hair, and provides effects in that it gives lather quickly during cleansing, is superior in lather amount, spreading of lather and lather retention, free of a residual feeling or a frictional feeling on the skin or hair during rinsing, and gives, after drying, a moist feeling and a clarifying feeling after use to the skin and a moist feeling and simultaneous softness and lightness to the hair.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2005
(21) Application No.3341/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PEPTIDES ENHANCING CEH ACTIVITY OR INHIBITING ACAT ACTIVITY, PHARMACEUTICAL COMPOSITIONS COMPRISING THESE PEPTIDES AND THEIR USE IN THE TREATMENT OF ATHEROSCLEROSIS

(51) International classification :C07K 14/47
(31) Priority Document No :60/478,131
(32) Priority Date :12/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA04/00846
Filing Date :11/06/2004
(87) International Publication No :WO/04/111084
(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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4)JIA, Zongchao

No of Pages : 104
No of Claims : 105

(57) Abstract :
Peptides and mimetics of selected domains of mammalian serum amyloid A isoform 2.1 (SAA2.1) and compounds and compositions thereof are provided that enhance the effect on macrophage cholesterol ester hydrolase activity and/or inhibit acyl CoA:cholesterol acyl transferase activity. Methods of using these compositions in the treatment and/or prevention of atherosclerosis as well as coronary heart disease and cardiovascular disease are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2005
(21) Application No.3361/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL SILANE COUPLING AGENT AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C07F 7/18
(31) Priority Document No :10 2004 0044151
(32) Priority Date :15/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR05/01549
Filing Date :15/06/2004
(87) International Publication No : WO/2005/123751
(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)KIM, Se-ra
3)HAN, In-cheon
4)CHANG, Suk-ky

No of Pages : 21
No of Claims : 8

(57) Abstract :
The present invention relates to a novel silane coupling agent represented by Formula 1 and a method for manufacturing the same. Because the compound has urethane and pyridine functional groups, it has superior storage stability and good adhesion property to a matrix resin having hydroxy groups, and thus can be used in a variety of applications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2005
(21) Application No.3370/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BIODEGRADABLE STENTS

(51) International classification :A61L 31/14
(31) Priority Document No :103 26 778.6
(32) Priority Date :13/06/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/06261
Filing Date :09/06/2004
(87) International Publication No :WO/2004/110515
(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)LENDLEIN, Andreas
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No of Pages : 35
No of Claims : 14

(57) Abstract :
The present invention refers to a biodegradable stent, made from an SMP material for application in vascular or non-vascular field.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2005
(21) Application No.3375/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEW 3-DECLADINOSYL 9a-N-CARBAMOYL AND 9a-N-THIOCARBAMOYL DERIVATIVES OF 9-DEOX-9-DIHYDRO-9a-AZA-9A-HOMOERYTHROMYCIN A

(51) International classification :C07H 17/08
(31) Priority Document No :P20030381A
(32) Priority Date :14/05/2003
(33) Name of priority country :Croatia
(86) International Application No :PCT/HR04/00014
Filing Date :11/05/2004
(87) International Publication No :WO/2004/101591
(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)KUJUNDZIC, Nedjelko
3)MUTAK, Stjepan

No of Pages : 45
No of Claims : 30

(57) Abstract :
The present invention relates to the new 3-decladinosyl derivatives of 9a-N-carbamoylÂand 9a-N-thiocarbamoyl-9-deoxo-9-dihydro-9a-aza-9a-homoerythromycin A of the general formula (I), their pharmaceutically acceptable addition salts with inorganic or organic acids and their hydrates, Wherein R1 individually stands for hydrogen or together with R2 stands for double bond, R2 individually stands for hydrogen, hydroxyl or a group of the formula (II), wherein Y individually stands for monocyclic aromatic ring, unsubstituted or substituted with groups which are selected independently from halogen, OH, OMe, NO2, NH2 or R2 together with R3 stands for ketone or together with R1 stands for double bond, R3 individually stands for hydrogen or together with R2 stands for ketone or together with R4 stands for ether, R4 individually stands for hydroxyl, a OCH3 group or together with R3 stands for ether, R5 individually stands for C1-C4 alkyl group, C2-C4 alkenyl group, -(CH2)m Ar, wherein Ar individually stands for phenyl or phenyl substituted with one or two groups which are selected independently from halogen or halogen alkyl, and m is 0-3, R6 individually stands for hydrogen or hydroxyl protected group, X stands for oxygen or sulphur, to intermediates for synthesis of other macrolide compounds with antibacterial activity, to the process for their preparation, to their pharmaceutically acceptable addition salts with inorganic or organic acids and their hydrates, to the process for the preparation of pharmaceutical compositions, as well as the use of pharmaceutical compositions for treating bacterial infections.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2005
(21) Application No.3431/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PRODUCING ORGANIC COMPOUNDS CONTAINING POLY-DOPO, AND THE USE OF THE SAME

(51) International classification :C07F 9/6574
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DE2003/002030
Filing Date :18/06/2003
(87) International Publication No :WO/2004/113355
(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)MEUSEL, Erich
3)HEINEMANN, Klaus
4)TAEGER, Eberhard

No of Pages : 14
No of Claims : 6

(57) Abstract :
The invention relates to a method for producing novel reactive organic compounds containing poly-DOPO and having a higher phosphorus content than known comparable DOPO (9,10-dihydro-9-oxa-10-phospha-phenanthren-10-oxide) adducts, and to the use thereof for flameproofing thermoplastic polymers, such as polyesters and polyamides. The same flameproofing effect is achieved with smaller additive quantities than previously, thus reducing the influence of the physical, especially textile-physical properties of the polymers. The adducts containing poly-DOPO are formed by reacting DOPO with acetylenes carrying reactive groups, in the presence of a catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2005
(21) Application No.3435/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INTEGRALLY FOAMED MICROSTRUCTURED ARTICLE

(51) International classification :A44B 18/00
(31) Priority Document No :10/464,215
(32) Priority Date :18/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/017230
Filing Date :28/05/2004
(87) International Publication No :WO/2005/000065
(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)VENNE, Janet, A.

No of Pages : 30
No of Claims : 16

(57) Abstract :
The invention is directed in part to an article that includes a polymer foam having a surface with surface microstructures(14), the surface microstructures have at least one extent or dimension of about 10 microns or more, preferably 50 microns or more. A maximum extent (unless it is a continuous rib-like structure) the microstructure is about 300 microns or less, preferably 200 microns or less, and generally a maximum height of 1000 microns or less, preferably 750 microns or less and a minimum height of 200 microns or more, preferably 300 microns or more. The foamed article may be provided in a variety of shapes, including a rod, a cylinder, a sheet, etc. In a preferred embodiment where the foam is provided in the form of a sheet, the foam has a pair of major surfaces, one or both of which can be provided with surface microstructures. The foam backing and microstructures include a plurality of voids, which voids a re preferably of a mean size substantially less than the smallest cross-sectional dimension or extent of the microstructures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2005

(21) Application No.3453/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND REAGENT FOR PRODUCING NARROW, HOMOGENOUS REAGENT STRIPS

(51) International classification :G01N 33/52
(31) Priority Document No :60/480,397
(32) Priority Date :20/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/19591
Filing Date :18/06/2004
(87) International Publication No :WO/04/113917
(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 : 27
No of Claims : 20

(57) Abstract :
The present application concerns a reagent coating mass which can be used in slot-die-coating of flat support materials in the manufacturing processes of test strips. Advantageously, the reagent mass of the invention exhibits certain superior rheological properties such as viscosity, surface tension and thixotropy. The reagent mass is preferably used to coat thin, narrow and homogeneous stripes of reagent material onto flat web material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2005
(21) Application No.3481/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CARBOXYLIC ACID COMPOUND AND MEDICINE CONTAINING THE SAME

(51) International classification :C07C 59/56
(31) Priority Document No :60/472,737
(32) Priority Date :23/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2004/007316
Filing Date :21/05/2004
(87) International Publication No :WO/2004/103946
(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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4)YAMAZAKI, Yukiyoshi
5)ISHIKAWA, Tetsuya

No of Pages : 35
No of Claims : 6

(57) Abstract :
compound represented by the following general formula (1): [wherein m is an integer of 0 to 4; n is an integer of 5 to 9; and W represents -CH(OR)- (R represents hydrogen or a hydroxy-protecting group) or -C(=O)-], a salt of the compound, or an ester of the compound. The compound, salt, or ester is effective in blood sugar depression, plasma insulin reduction, and triglyceride reduction and is useful for the prevention of and/or treatments for diabetes, complications of diabetes, hyperlipemia and others.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2005
(21) Application No.3482/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS OF INCREASING ABIOTIC STRESS TOLERANCE AND/OR BIOMASS IN PLANTS AND PLANTS GENERATED THEREBY

(51) International classification :C12N 015/82
(31) Priority Document No :60/472,433
(32) Priority Date :22/05/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL04/00431
Filing Date :20/05/2004
(87) International Publication No :WO/2004/104162
(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)KARCHI, Hagai
4)MEISSNER, Rafael

No of Pages : 35
No of Claims : 36

(57) Abstract :
Polynucleotide sequences and methods of utilizing same for increasing the tolerance of a plant to abiotic stresses and/or increasing the biomass of a plant are provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2005
(21) Application No.3507/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION OF 2'-DEOXYNUCLEOSIDES AND 2'-DEOXYNUCLEOSIDE PRECURSORS FROM 2-DEHYDRO-3-DEOXY-D-GLUCONATE

(51) International classification :C07H 7/027
(31) Priority Document No :03013457.1
(32) Priority Date :24/06/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP04/06848
Filing Date :24/06/2004
(87) International Publication No :WO/04/113358
(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 : 44
No of Claims : 48

(57) Abstract :
This invention relates to a process for preparing 2'-deoxynucleoside compounds or 2'-deoxynucleoside precursors using 2-dehydro-3-deoxy-D-gluconic acid (usually abbreviated as KDG) or its salts as a starting material. A variety of 2'-deoxynucleosides and their analogues are used as a starting material for synthesis or drug formulation in production of an antiviral, anticancer or antisense agent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2005
(21) Application No.3529/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 2-AMINOBICYCLO[3.1.0]HEXANE-2,6-DICARBOXYLIC ESTER DERIVATIVE

(51) International classification :C07C 229/50
(31) Priority Document No :2003-181930
(32) Priority Date :26/06/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/09398
Filing Date :25/06/2004
(87) International Publication No :WO/05/000791
(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)OHTA, Hiroshi
4)NAKAZATO, Atsuro

No of Pages : 124
No of Claims : 59

(57) Abstract :
A drug which is effective in treatments for and prevention of schizophrenia, anxiety, and diseases related to these, i.e., psychiatrical disorders such as depression, bipolar disorder, and epilepsy. The drug has high activity in oral administration and has an antagonistic effect on a Group II metabotropic glutamate receptor. It is a 2-aminobicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative represented by the formula [I]: [wherein R1 and R2 are the same or different and each represents hydrogen, C1-10 alkyl, etc.; X represents hydrogen or fluorine; and Y represents, e.g., -OCHR3R4 (wherein R3 and R4 are the same or different and each represents hydrogen, C1-10 alkyl, etc. and n is an integer of 1 or 2)], a pharmaceutically acceptable salt of the derivative, or a hydrate of either.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2005
(21) Application No.3539/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SULFONAMIDE SUBSTITUTED IMIDAZOQUINOLINES

(51) International classification :A61K 31/4745
(31) Priority Document No :60/483,200
(32) Priority Date :27/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/20607
Filing Date :25/06/2004
(87) International Publication No :WO/2005/003065
(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)GRIESGRABER, George, W.

No of Pages : 58
No of Claims : 5

(57) Abstract :
Imidazoquinoline and tetrahydroimidazoquinoline compounds that contain sulfonamide functionality at the 1-position are useful as immune response modifiers. The compounds and compositions of the invention can induce the biosynthesis of various cytokines and are useful in the treatment of a variety of conditions including viral diseases and neoplastic diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2005
(21) Application No.3560/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STATIN DERIVATIVES

(51) International classification :A61K 31/405
(31) Priority Document No :03101530.8
(32) Priority Date :27/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/050897
Filing Date :24/05/2004
(87) International Publication No :WO/2004/105754
(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)ONGINI, Ennio
3)DEL SOLDATO, Piero

No of Pages : 52
No of Claims : 24

(57) Abstract :
Nitrooxyderivatives of fluvastatin, cerivastatin, atorvastatin and rosuvastatin having improved pharmacological activity and enhanced tolerability are described. They can be employed for treating and/or preventing several diseases, in particular coronary syndromes, neurodegenerative disorders as well as for reducing cholesterol levels.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2005
(21) Application No.3592/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CAPTOPRIL DERIVATIVES

(51) International classification :C07D 207/16
(31) Priority Document No :03101553.0
(32) Priority Date :28/05/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/050899
Filing Date :24/05/2004
(87) International Publication No :WO/2004/106300
(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)DEL SOLDATO, Piero

No of Pages : 98
No of Claims : 16

(57) Abstract :
Captopril nitroderivatives having improved pharmacological activity and enhanced tolerability are described. They can be employed for the treatment or prophylaxis of cardiovascular, inflammatory and renal diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2005
(21) Application No.3595/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING 3-ACYLAMINOBENZOFURAN-2-CARBOXYLIC ACID DERIVATIVE

(51) International classification :C07D 405/14
(31) Priority Document No :2003-186370
(32) Priority Date :30/06/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP04/09488
Filing Date :29/06/2004
(87) International Publication No :WO/05/000839
(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 : 65
No of Claims : 16

(57) Abstract :
The present invention provides a process of preparing a compound of the formula (I): wherein X represents -N= or -CH=; R1 represents hydrogen, halogeno, lower alkyl, lower alkoxy, cyano, or amino optionally substituted by lower alkyl; ring A represents a nitrogenous heterocyclic group; ring B represents an optionally substituted benzene ring or pyridine ring; and R3 represents hydrogen or lower alkyl). The derivatives are useful as an inhibitor against an activated blood coagulation factor X.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2005
(21) Application No.3614/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPECIFYING MANAGEMENT NODES IN A DEVICE MANAGEMENT SYSTEM

(51) International classification :H04L 12/24
(31) Priority Document No :20030993
(32) Priority Date :01/07/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000361
Filing Date :10/06/2004
(87) International Publication No :WO/2005/004395
(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 : 21
No of Claims : 18

(57) Abstract :
The invention relates to a method for specifying information on a management node used for device management in a system comprising a first device and a second device managing the first device. In accordance with the method, at least one piece of management node information specified by a first device is transmitted from the first device to a second device as a response to at least one piece of information on a management node used for device management being specified in the first device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2006
(21) Application No.377/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD AND A SYSTEM FOR CHARGING A STREAMING CONNECTION IN A MOBILE PACKET RADIO SYSTEM

(51) International classification :H04L 12/14
(31) Priority Document No :60/483,136
(32) Priority Date :30/06/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2004/000280
Filing Date :11/05/2004
(87) International Publication No :WO/2005/002135
(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 : 31
No of Claims : 46

(57) Abstract :
A method and a mobile packet radio system for charging a streaming connection are provided. According to one embodiment, the system includes a streaming source and a subscriber capable of receiving streaming data from the streaming source. According to another embodiment, the method includes the steps of establishing a data connection for the subscriber, establishing a streaming connection between the subscriber and the streaming source, terminating the streaming connection between the subscriber and the streaming source, and charging the streaming connection using a time-based charging.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2005
(21) Application No.410/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PYRROLIDONE DERIVATIVES AND PROCESS FOR THEIR PREPARATION

(51) International classification :C07D 207/26
(31) Priority Document No :02021319.5
(32) Priority Date :20/09/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/010356
Filing Date :18/09/2003
(87) International Publication No :WO/2004/026825
(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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6)WIRZ, Beat
7)WOSTL, Wolfgang
8)WYLER, Rene

No of Pages : 38
No of Claims : 13

(57) Abstract :
Racemic or enantiomerically pure 4-pyrrolidino derivatives of the formula (I), processes for their preparation, pharmaceutical compositions comprising said derivatives, and their use in the prevention and treatment of a disease which is mediated by a monoamine oxidase B inhibitor, in particular Alzheimer's disease and senile dementia.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2005

(21) Application No.419/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 4-PYRROLIDINO-PHENYL-BENZYL ETHER DERIVATIVES

(51) International classification	:C07D 207/26
(31) Priority Document No	:02021319.5
(32) Priority Date	:20/09/2002
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2003/010383
Filing Date	:18/09/2003
(87) International Publication No	:WO/2004/026826
(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)THOMAS, Andrew, William
4)WOSTL, Wolfgang
5)WYLER, Rene

No of Pages : 36
No of Claims : 13

(57) Abstract :
The invention relates to racemic or enantiomerically pure 4-pyrrolidino derivatives of formula (I), processes for their preparation, pharmaceutical compositions comprising said derivatives, and their use in the prevention and treatment of illness, e.g. which are mediated by monoamine oxidase B inhibitors, in particular Alzheimer's disease or senile dementia.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2005
(21) Application No.521/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A MATHOD FOR MAKING AN INORGANIC STRUCTURE

(51) International classification :G03F 7/00
(31) Priority Document No :10/263,131
(32) Priority Date :02/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No : PCT/US2003/030260
Filing Date :26/09/2003
(87) International Publication No :WO/2004/031860
(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 : 56
No of Claims : 34

(57) Abstract :
A method for making an inorganic structure including: (a) applying a photoreactive composition to a substrate, wherein the composition includes: a reactive species, a photoinitiator system, and a plurality of substantially inorganic colloidal particles, wherein the particles have an average particle size of less than about 300 nm; (b) photopatterning the composition to define a structure; and (c) subjecting the structure to elevated temperature for a time sufficient to pyrolyze the reactive species and to at least partially fuse the particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2005
(21) Application No.523/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND PLANT FOR MANUFACTURING CEMENT CLINKER

(51) International classification :C04B 7/43
(31) Priority Document No :PA200201467
(32) Priority Date :02/10/2002
(33) Name of priority country :Denmark
(86) International Application No :PCT/IB2003/003171
Filing Date :11/07/2003
(87) International Publication No :WO/2004/031092
(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 : 15
No of Claims : 10

(57) Abstract :
Described is a method for manufacturing cement clinker by which method cement raw meal is preheated and burned in a plant comprising a cyclone preheater (1) and a kiln (5). The method is peculiar in that that at least a portion of the raw meal is extracted from the cyclone preheater (1), that this raw meal is introduced into a separate unit (21) in which it is given a retention time under oxidating conditions provided by means of a gas stream for forming SO2 and for expelling organic carbon, that the formed SO2 and the expelled organic carbon are subsequently discharged from the separate unit (21) entrained in the gas stream for further treatment in a subsequent process stage, and that the raw meal is reintroduced into the cyclone preheater (1).Hereby is obtained an effective reduction of the VOC, CO as well as the SO2 emission without necessitating utilization of additional energy for heating. By giving the extracted and partially preheated raw meal a retention time under oxidating conditions separate from the cyclone preheater it is obtained that sulphide will oxidate into SO2 and that organic carbon is expelled from the raw meal, so that the thus formed SO2 and the thus expelled organic carbon can be entrained in a separate, relatively small gas stream and subjected to subsequent treatment in the optimum manner.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2005
(21) Application No.528/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTI-PHOTON REACTIVE COMPOSITIONS WITH INORGANIC PARTICLES AND METHOD FOR FABRICATING STRUCTURES

(51) International classification :G03F 7/004
(31) Priority Document No :10/262,927
(32) Priority Date :02/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/030563
Filing Date :26/09/2003
(87) International Publication No :WO/2004/031862
(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 : 55
No of Claims : 30

(57) Abstract :
The present invention relates to a multi-photon reactive composition including: (a) at least one reactive species; and (b) multi-photon photoinitiator system; and (c) a plurality of substantially inorganic particles, wherein the particles have an average particle size of less than about 10 microns in diameter.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2005
(21) Application No.569/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A MIXTURE OF SULFATED OLIGOSACCHARIDES AND A METHOD FOR PREPARING THE SAME

(51) International classification :C08B 37/10
(31) Priority Document No :0212584
(32) Priority Date :10/10/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR2003/002960
Filing Date :08/10/2003
(87) International Publication No :WO/2004/033503
(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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4)VISKOV, Christian;

No of Pages : 58
No of Claims : 28

(57) Abstract :
The present invention relates to a mixture of sulfated oligosaccharides having the general structure of the constituent polysaccharides of heparin and having the following characteristics: they have a mean molecular weight of 1500 to 3000 daltons, an anti-Xa activity of 150 to 200 IU/mg, an anti-IIa activity of less than 10 IU/mg and an anti-Xa activity/anti-IIa activity ratio of greater than 30, the constituent oligosaccharides of the mixtures contain 2 to 26 saccharide units, have a 4,5unsaturated uronic acid 2-O-sulfate unit at one of their ends, contain the hexasaccharide Alla-Its-Is of formula and are in the form of an alkali or alkaline-earth metal salt.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2005
(21) Application No.573/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF MONOCHLOROACETIC ACID BY REACTIVE DISTILLATION

(51) International classification :C07C 51/363
(31) Priority Document No :02079252.9
(32) Priority Date :11/10/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/010944
Filing Date :02/10/2003
(87) International Publication No :WO/2004/033408
(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 : 16
No of Claims : 12

(57) Abstract :
The invention pertains to a process for the production of monochloroacetic acid from chlorine and acetic acid in the presence of a catalyst by reactive distillation. The process and the required reactive distillation apparatus is much less complex than conventional reactors and yields a monochloroacetic acid product having a low content of over-chlorinated products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2004
(21) Application No.620/CHENP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR PRODUCING CHLOROFLUROCARBONS

(51) International classification :C07C 17/10
(31) Priority Document No :09/966,158
(32) Priority Date :28/09/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2002/030729
Filing Date :27/09/2002
(87) International Publication No :WO/2003/029173
(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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4)BRANDSTADTER, Stephan, M.;
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6)BOGGS, Janet, K.;
7)CHIEN, John;
8)SACARIAS, Julie;

No of Pages : 57
No of Claims : 19

(57) Abstract :
The present invention relates to a process for producing CF3CC12CF3 comprising: contacting a saturated C-3 reactant comprising one or more of perhydrogenated or partially halogenated C-3 hydrocarbons with C12 and HF in the presence of a first catalyst at a first temperature to form a C-3 product comprising a C-3 perhalogenated compound, wherein the first catalyst comprises chromium; and contacting the C-3 product with HF in the presence of a second catalyst at a second temperature different from the first temperature to form CF3CCI2CF3 wherein the second temperature is greater than 300Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2005
(21) Application No.643/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A SYSTEM FOR REDUCING RESTRICTION OF FLOW IN A LUMEN OF A BLOOD VESSEL

(51) International classification :A61B 1/00
(31) Priority Document No :60/419,087
(32) Priority Date :18/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2003/000807
Filing Date :08/10/2003
(87) International Publication No :WO/2004/034869
(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 : 29
No of Claims : 16

(57) Abstract :
The present invention relates to a system for reducing restriction of flow in a lumen of a blood vessel (21) caused by an intraluminal plaque (22) therein, the system comprising: (a) an imaging guidewire (16) insertable in the lumen of the blood vessel (21) said imaging guidewire (16) capable of generating digital data which describe a cross- sectional image of the lumen and communicating said digital data to a central processing unit (CPU) (63) and further capable of guiding a catheter to the intraluminal plaque without tranversing the plaque (22); (b)" said catheter including a working head (6), said working head designed and constructed to remove at least a portion of the intraluminal plaque (22); (c) at least one positioning element (14) integrally formed with, or attached to, said catheter, said at least one positioning element (14) designed and constructed to position said working head within the lumen of the blood vessel (21), (d) saidCPU (63) designed and configured to: (i) accept input from a physician; (ii) to receive said digital data which describe said cross-section image of the lumen and transform said digital data into said cross-sectional image displayable upon a display device (64); (iii) operate actuators (50), (55), (58), (59) which control components of. the system; (iv) control operation of said positioning element (14) by means of at least one of said actuators; and (e) said actuators, subject to control by said CPU (63) and including: (i) at least one positioning element actuator (58) responsible for the control of said at least one positioning device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2005
(21) Application No.683/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR OPTIMIZING GPS-BASED POSITION LOCATION IN PRESENCE OF TIME VARYING FREQUENCY ERROR

(51) International classification :G01S 1/02
(31) Priority Document No :60/420,583
(32) Priority Date :22/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/033662
Filing Date :22/10/2003
(87) International Publication No :WO/2004/038447
(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)PATRICK, Christopher
3)ROWITCH, Douglas, Neal

No of Pages : 23
No of Claims : 7

(57) Abstract :
Position determination accuracy of a wireless communication device may be negatively affected by a large unaccounted GPS doppler bias, which in turn may affect GPS doppler estimations and GPS doppler measurements conducted by the wireless communication device. The quality of GPS doppler measurements is very important for position location, because poor quality GPS doppler measurements may prevent the wireless communication device from acquiring satellites in the most sensitive modes with narrow frequency ranges, which results in reduced GPS pseudorange measurement yield. Large unaccounted GPS doppler bias also adversely affects position accuracy because of the adverse effect on the GPS code phase measurements time propagation to common time prior to their use in position location calculation. The same is true in the case of unaccounted CDMA code doppler, through the adverse effect on the AFLT code phase measurements time propagation to common time prior to their use in a position location engine. This effect is the biggest concern in the case of large search windows. Therefore, the present disclosure provides a method of optimizing GPS based position location in the presence of time-varying frequency error, including the steps of continuously measuring and/or calculating resulting GPS doppler bias and CDMA code doppler bias and then minimizing their adverse effects with regard to position location determination by re-centering GPS doppler search windows based on the GPS doppler bias value, as well as using GPS doppler bias and CDMA code doppler bias value to properly propagate GPS pseudorange and AFLT pilot phase measurements, respectively, to common time prior to their use in a position location engine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2005

(21) Application No.700/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD FOR OBTAINING CELL LINES IN PROTEIN-FREE MEDIA AND CELL LINES OBTAINED BY METHOD

(51) International classification :C12N 5/00
(31) Priority Document No :239/2002
(32) Priority Date :23/10/2002
(33) Name of priority country :Cuba
(86) International Application No :PCT/CU2003/000012
Filing Date :22/10/2003
(87) International Publication No :WO/2004/038010
(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)VITORES SARAZOLA, Svieta
4)BOGGIANO AYO, Tammy
5)ROJAS DEL CALVO, Luis

No of Pages : 15
No of Claims : 19

(57) Abstract :
The present invention relates to a method of recovering mammalian cell clones adapted to serum and protein-free media, the procedure includes a two-stage adaptation process to grow In that condition. The present invention discloses a critical protein concentration interval in which cells must grow in order to gain the capacity to survive in serum and protein-free condition, once the cells have grown at the critical interval concentrations, subsequent decreases of the concentration will affect neither viability nor cellular doubling time. The critical protein concentration interval is cell line specific. Furthermore, in the present invention mammalian cells clones are disclosed, which are stable in serum- and protein-free media for at least 40 generations; additionally, clones disclosed in the present invention express a recombinant product. The cell clones disclosed in the present invention produce the humanized anti~ EGF-R antibody hR3, the humanized anti-CD6 antibody TlhT, the chimeric anti CD3 antibody T3Q, or fragments thereof.

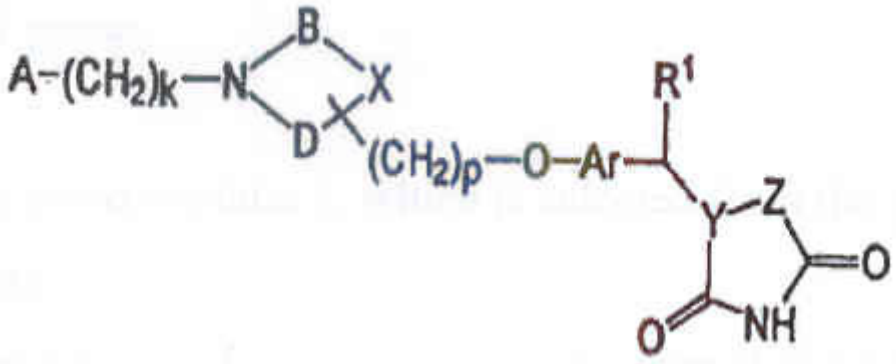
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/1996
(21) Application No.721/MAS/1996 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AND PROCESS FOR THEIR PREPARATION THEREOF

(51) International classification	:C07D 277/02	(71)**Name of Applicant :** **1)DR. REDDYâ€™S LABORATORIES LTD.** Address of Applicant :7-1-27 AMEERPET, HYDERABAD 500016. ANDHRA PRADESH, INDIA. Andhra Pradesh 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)VIDYA BHUSAN LOHRAY**
Filing Date	:NA	**2)BRAJ BHUSAN LOHRAY**
(87) International Publication No	: NA	**3)ALLA SEKHAR REDDY**
(61) Patent of Addition to Application Number	:NA	**4)ASHOK CHANNAVEERAPPA BAJJI**
Filing Date	:NA	**5)RAMANUJAM RAJAGOPALAN**
(62) Divisional to to Application Number	:NA	**6)RANJAN CHAKRABARTI**
Filing Date	:NA	

No of Pages : 84
No of Claims : 11

(57) Abstract :
1. A heterocyclic compound of general formula (1) B its stereo isomers and pharmaceutically acceptable salts, where A represents dihydrobenzofuranyl, benzofuranyl, dihydrobenzopyranyl or indolyl; wherein the group represented by A may be substituted by hydroxy, (C1-C6)alkyl or (C1-C6)alkoxy, which alkoxy group may be itself substituted by an aryl group, B represents an unsubstituted linking group between N and X and B contains 1-4 carbon atoms, D represents a bond or D contains 1-4 carbon atoms, X represents CH2, NH or sulfur; wherein the heterocycle comprising N, B, X and D is a single saturated unsubstituted five or six membered ring; Ar represents phenylene or naphthyl ene, R 1 represents hydrogen atom or forms a bond together with the adjacent group Y; 2 2 1 Y represents a nitrogen atom or a group CR ; where R forms a bond together with R ; Z represents an oxygen atom or a sulfur atom; when Y is CR2 and Z represents an oxygen atom when Y is a nitrogen atom; k is an integer ranging from 1-4 and p is an integer ranging from 0 to 1.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2002
(21) Application No.731/MAS/2002 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LAP PACKAGE PRODUCTION MACHINE

(51) International classification	:D01G 25/00
(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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No of Pages : 18
No of Claims : 7

(57) Abstract :
This invention relates to a textile machinery for producing lap packages. It consists of a feeding device, a drafting device, table calendar roller arrangement, lap rollers, loading arrangement electronic control means for maintaining uniform load on lap, electropneumatic means for sensing and varying the pressure on the lap roller, spool and lap changing means, and means for transferring lap packages to a comber.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2006
(21) Application No.763/CHENP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND DRIVING METHOD TO AVOID DISCLINATION

(51) International classification	:G02F 1/1343, 1/133
(31) Priority Document No	:03102442.5
(32) Priority Date	:06/08/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/IB04/051345 :30/07/2004
(87) International Publication No	:WO 2005/015300
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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No of Pages : 16
No of Claims : 17

(57) Abstract :
This invention relates to a liquid crystal display device (1) for avoiding disclinations comprising a first and a second substrate (2 and 3), said first and second substrates (2 and 3) being located facing one another with a liquid crystal material layer (6) thereinbetween, a first and a second electrode (4 and 5) arranged at said first and second substrates (2 and 3) respectively, said first and second electrodes (4 and 5) being formed on the liquid crystal side of the said first and second substrates (2 and 3), whereby the liquid crystal material layer (6) exhibits zero-pretilt and at least one of the electrodes (4 and 5) at its end parts (7, 9; 8, 10) is connected to at least a first and a second mutually different and adjustable voltage sources, so as to develop a voltage gradient across the electrode and is adapted to exhibit an electrical resistance between the end parts (7, 9; 8, 10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2005
(21) Application No.796/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN APPRATUS AND A METHOD FOR PROCESSING DATA

(51) International classification :G11B 7/09
(31) Priority Document No :02292710.7
(32) Priority Date :30/10/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2003/004532
Filing Date :10/10/2003
(87) International Publication No :WO/2004/040560
(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 : 7
No of Claims : 6

(57) Abstract :
The present invention relates to an apparatus for processing data placed on tracks on a data carrier which may have defects, the apparatus using a laser beam, the apparatus comprising: a servomechanism for guiding a laser beam on said tracks by acting on a moving part that controls the laser beam, having: a controller device for controlling said moving part through an actuator device; an emulator which has an electrical behaviour similar to said moving part; a defect detector for providing a defect signal for the defects detected on said carrier; a switch controlled by said defect signal for applying the output of the emulator to the input of the actuator device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2005
(21) Application No.846/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DIFFRACTIVE PIGMENTS

(51) International classification :C09C 1/00
(31) Priority Document No :102 52 645.1
(32) Priority Date :11/11/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/CH2003/000624
Filing Date :16/09/2003
(87) International Publication No :WO/2004/044059
(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 : 24
No of Claims : 37

(57) Abstract :
The invention relates to a pigment, the smallest size of which corresponds at least to a multiple of the greatest wavelength of ultraviolet light or the smallest wavelength of visible light. Said pigment comprises at least one defined diffractive structure, the spatial periodicity of which has a spatial period corresponding at least to a multiple of the wavelength of ultraviolet light. In particular, the inventive pigment has a laminar shape. The method for producing such pigments comprises the following steps: a) a defined diffractive structure is created in and/or on a film-type support; b) the defined diffractive structure is coated with a sealant on said support; c) the film-type support processed in steps a) and b) is comminuted so as to form pigment particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2005
(21) Application No.876/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CANNABINOID ESTERS AND PROCESS OF CANNABINOID PURIFICATION

(51) International classification :C07D 311/80
(31) Priority Document No :60/425,543
(32) Priority Date :12/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/035599
Filing Date :06/11/2003
(87) International Publication No :WO/2004/043946
(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 : 18
No of Claims : 14

(57) Abstract :
&Dgr; 9 tetrahydrocannabinol (THC) esters comprising the reaction product of THC with at least one aryl sulfonyl chloride in the presence of at least one tertiary amine. The resulting aryl sulfonic THC esters are highly crystalline and stable at room temperature in air, allowing for indefinite storage. The aryl sulfonic THC esters can be recrystallized for purification, and then hydrolyzed to recover the purified THC.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2001
(21) Application No.916/MAS/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN IMPROVED VEHICLE TRACKING SYSTEM

(51) International classification	:H04Q 07/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 16
No of Claims : 6

(57) Abstract :
An improved vehicle tracking system. comprising global positioning system GPS satellites a vehicle unit (2) with a GPS receiver (3) connected to a GSM mobile communication modem (4). through a controller (5) configured from a web server (15); am obile service provider (6) with a communication tower (7); said controller provided with means (11) for selecting required data from GPS satellite signals (S)received by said GPS receiver (3) and for communicating -.short messages at regular intervals to short messages switching center (SMSC)(8) via said communication tower (1) to be be stored in m em ory (9) of said SMSC(8); a central processing unit CPU (10) connected to said SMSC(8) via LAN tank and to communication satellites (14) via WAN link; said CPU (10) being provided with means (12) for receiving automatically stored short messages from memory (9) and trans- ferring them to web server (15); and means (13) for allowing the monbrte unit the reourred t.reouencv:

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2005
(21) Application No.920/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PRINTING SUBSTRATES ACCORDING TO THE INK-JET PRINTING METHOD

(51) International classification :C08L 43/02
(31) Priority Document No :02405888.5
(32) Priority Date :17/10/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/011189
Filing Date :09/10/2003
(87) International Publication No :WO/2004/035684
(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)BIRY, StÃ©phane

No of Pages : 34
No of Claims : 10

(57) Abstract :
The present invention relates to An aqueous ink composition for the ink-jet printing method, which comprises a) metallic or non-metallic, inorganic platelet-shaped particles having an average particle diameter of at least 2 Âµm, wherein the platelet-shaped particles are pigments that comprise (al) a core consisting of a substantially transparent or metallically reflecting material and (a2) at least one coating substantially consisting of one or more silicon oxides (SiOX layer) wherein the average molar ratio of oxygen to silicon is from 0.03 to < 0.95, or wherein the platelet-shaped particles are aluminium flakes coated with SiO, wherein 0.95 < z< 2.0, especially 1.1 < z< 2.0, b) a dispersant (dispersing agent) and c) a binder.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/1997

(21) Application No.925/MAS/1997 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD OF MANUFACTURE OF DENIM FABRIC AND DENIM FABRIC MANUFACTURE BY THE SALD METHOD

(51) International classification	:D06M 13/278
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application 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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No of Pages : 7

No of Claims : 4

(57) Abstract :
A method of manufactLlre of denim fabric comprising the steps of making grey yarn into a warper's beam; characterised by joining a number of warper's beam in sheet form and dyeing it in a paddin~ mangle vinyl sulphone type reactive coloLlrs (20 to 100 .GPL)~ sodiLlm silicate (50 to 200 GPL) sodium hydroxide (10 to 15 ml/litre) and Llrea (50 to 100 GF'L) ~ and winding the same as a dyed loom beam, the said al~(ali and coloLlrs being mixed jLtst prior-to dyeing; fixing' ,and sizing the resulting dyed yarn; weaving the said dyed yarn as warp and grey yarn as weft to prodLtce denim fabric; and washing the same thereafter ~to remove surface colours.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2001
(21) Application No.957/MAS/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HIGH-STRUCTURE PRECIPITATED SILICAS

(51) International classification :A23K 1/175
(31) Priority Document No :10058616.3
(32) Priority Date :25/11/2000
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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No of Pages : 12
No of Claims : 10

(57) Abstract :
The invention relates to high structure precipitated silica that have been subjected to a short retention drying process, a process to manufacture these and the use thereof. The precipitated silica are characterized by the following physico-chemical characteristics:pH (5% in water) (ISO 787-9) 3-8 BET surface area (DIN 66131) m2/g 400 -600 DBP absorption value (DIN 53601, gi100g 380 -420 in relation to dried substance) Tapped density (ISO 787-11) g/l 100 -200 ALPINE sieve residue> 63 ų (ISO 8130-1) % 0.1 -40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2005
(21) Application No.993/CHENP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 2,6-DIHALO-PARA-TRIFLUOROMETHYLANILINE

(51) International classification :C07C 209/74
(31) Priority Document No :0213392
(32) Priority Date :25/10/2002
(33) Name of priority country :France
(86) International Application No :PCT/EP2003/013340
Filing Date :24/10/2003
(87) International Publication No :WO/2004/037766
(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 : 8
No of Claims : 10

(57) Abstract :
Process for the preparation of 2,6-dihalo-trifluromethylaniline compound of general formula (I): in which X represents a halogen atom, by reaction of para-trifluoromethylaniline of formula (II): with a dihalogen x2, the two compounds being introduced simultaneously into a polar aprotic solvent in a dihalogen/compound (II) molar ratio ranging from 1.9 to 2.5 and at a temperature ranging from 100 to 300Â° C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2000
(21) Application No.IN/PCT/2000/544/CHE A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SINGLE CHAIN MULTIFUNCTIONAL POLYPEPTIDE

(51) International classification :C12N 5/10
(31) Priority Document No :98107269.7
(32) Priority Date :21/04/1998
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP99/02693
Filing Date :21/04/1999
(87) International Publication No :WO 99/54440
(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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6)LOFFLER, Anja

No of Pages : 61
No of Claims : 33

(57) Abstract :
Described are novel single-chain multifunctional polypeptides comprising at least two binding sites specific for the CD19 and CD3 antigen, respectively. Further provided are polypeptides, wherein the above-described polypeptide comprises at least one further domain, preferably of pre-determined function. Furthermore, polynucleotides encoding said polypeptides as well as to vectors comprising said polynucleotides and host cells transformed therewith and their use in the production of said polypeptides are described, In addition, compositions, preferably pharmaceutical and diagnostic compositions are provided comprising any of the afore-described polypeptides, polynucleotides or vectors. Described is also the use of the afore-mentioned polypeptides, polynucleotides and vectors for the preparation of pharmaceutical compositions for immunotherapy, preferably against B-cell malignancies such as non-Hodgkin lymphoma.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2002
(21) Application No.IN/PCT/2002/1023/CHE A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A COMPOUND FOR AN ORGANIC ELECTROLUMINESCENCE DEVICE"

(51) International classification :C07C 15/20
(31) Priority Document No :2000-339938
(32) Priority Date :08/11/2000
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2001/009659
Filing Date :05/11/2001
(87) International Publication No :WO/2002/038524
(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)FUNAHASHI, Masakazu;
4)ARAI, Hiromasa;

No of Pages : 79
No of Claims : 6

(57) Abstract :
The present invention relates to a compound for an organic electroluminescence device having diphenylanthracene structure at the center and a specific structure substituted with an aryl group at end portions represented by following general formula (1): wherein R1 to RiO represent hydrogen atom, n and m are 1, respectively Ar3 and Ar4 each independently represent at least one selected from biphenyl group, terphenyl group, naphthy group, phenanthrenyl group, and pyrenyl group.

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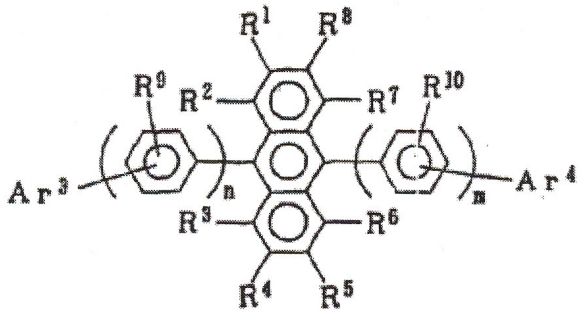

[1]

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002
(21) Application No.IN/PCT/2002/1173/CHE A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS FOR MAKING GRAFT COPOLYMERS

(51) International classification :C08F 255/02
(31) Priority Document No :09/704,325
(32) Priority Date :02/11/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2001/002014
Filing Date :26/10/2001
(87) International Publication No :WO/2002/036650
(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)PHAN, Tam, T., M.
3)SMITH, Jeanine, A.
4)SONG, Cheng, Q.

No of Pages : 21
No of Claims : 10

(57) Abstract :
The present invention relates to a process for making graft copolymers comprising, in a substantially non-oxidizing atmosphere, (1) irradiating a particulate olefin polymer material at a temperature of 100 to 85Ã°C with high energy ionizing radiation to produce free radical sites on the olefin polymer material, (2) treating the irradiated particulate olefm polymer material at a temperature of 250 to 90Â°C with 0.5 to 120 parts per hundred parts of the olefin polymer material of at least one grafting monomer that is capable of being polymerized by free radicals to form side chains on the olefin polymer material, in the presence of I part to 10,000 parts per million parts of monomer of at least one additive to control the molecular weight of the side chains of the polymerized grafting monomer, and (3) simultaneously or successively in optional order, (i) deactivating substantially all residual free radicals in the resultant grafted particulate olefin polymer material, and (ii) removing any unreacted vinyl monomer 'from the material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2002
(21) Application No.IN/PCT/2002/823/CHE A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CALIBRATING DEVICE FOR A REMOTE CONTROL DEVICE USED IN AN ELECTRICAL APPARATUS

(51) International classification :H01L 41/113
(31) Priority Document No :99/15893
(32) Priority Date :16/12/1999
(33) Name of priority country :France
(86) International Application No :PCT/FR2000/003339
Filing Date :30/11/2000
(87) International Publication No :WO/2001/045139
(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)CORTESE, Gilles
4)MOUSSANET, Roland
5)ROUSSET, Patrick

No of Pages : 18
No of Claims : 19

(57) Abstract :
The invention concerns a self-powered remote control device comprising transmitting means (8, 9, 10), a feeder circuit (6, 7) connected to said transmitting means, a generator supplying electric power connected to the feeder circuit, and control means (3) associated with the electric power generator. The generator comprises at least a piezoelectric element (1) receiving mechanical stresses produced by actuating the control means and supplying electric power to the feeder circuit. The invention also concerns an apparatus comprising at least a self-contained control device actuated by a mechanical action member (4, 52). The invention further concerns an electric installation comprising means for receiving signals transmitted by at least a self- powered control device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2003
(21) Application No.00518/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NOVEL MEDICAMENT COMPOSITIONS BASED ON TIOTROPIUM SALTS AND ON SALMETEROL SALTS"

(51) International classification :A61K 31/46
(31) Priority Document No :100 56 104.7
(32) Priority Date :13/11/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/EP01/12962
Filing Date :09/11/2001
(87) International Publication No :WO 02/38154
(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)JUERGEN NAGEL

No of Pages : 26
No of Claims : 34

(57) Abstract :
The present invention relates to novel pharmaceutical compositions based on tiotropium salts and salts of salmeterol, processes for preparing them and their use in the treatment of respiratory diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2004
(21) Application No.00583/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYDROTALCITE AND BRUCITE TYPE POSITECHARGED LAYERS

(51) International classification :B01J 20/00
(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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No of Pages : 22
No of Claims : 26

(57) Abstract :
An improved process is described for the preparation of surface modified hydrotalcite. The process comprises reacting a precursor of magnesium and aluminium in the presence of suitable alkali carbonate at high temperature. The product has a BET surface area of ≤ 20 m2/gm and average particle size of ≤ 0.5 and is useful as halogen scavenger and fire retardant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2003
(21) Application No.00877/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PRODUCTION OF HIGHER OLEFINS"

(51) International classification :C07C 7/13
(31) Priority Document No :60/265,700
(32) Priority Date :01/02/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/02800
Filing Date :31/01/2002
(87) International Publication No :WO 02/060844
(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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7)RAPHAEL FRANS IVO CAERS
8)JOHN RICHARD SHUTT

No of Pages : 25
No of Claims : 19

(57) Abstract :
A method of making a higher olefin product from a C4+ fraction separated from the hydrocarbon product produced by an oxygenate to olefin reaction unit. The C4+ fraction primarily contains butenes which may be directed to a higher olefin reaction unit without removing isobutenes, butanes, and/or butadiene. The C4+ fraction is particularly well suited for the production of higher olefins because of its high olefin content, low branching number, and low contaminent levels. The invention is also directed to an olefin product composition that is produced by contacting the C4+ fraction with an oligomerization catalyst. The olefin composition is characterized by a relatively high octene content, and octene with a branching number less than 1.4.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2004
(21) Application No.00946/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD OF RESOLVING A MLODIPINE RACEMATE"

(51) International classification :C07D 211/90
(31) Priority Document No :60/346,250
(32) Priority Date :24/10/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/33894
Filing Date :23/10/2002
(87) International Publication No :WO 03/035623
(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)WILKINSON, HAROLD S.
4)BAKALE, ROGER P.
5)ZLOTA, ANDREI A.
6)SARANTEAS, KOSTAS

No of Pages : 14
No of Claims : 27

(57) Abstract :
The invention relates to methods of resolving racemic amkxlipine into enantiomerically enriched compositions by prccipation with laitaric acid in the presence of a non-aqueous solvent, such as N.N'-dimethylacetamide. The molar ratio of tartaric acid:am)odipine is preferably less than 0.25:1.0 greater than 0.75:1.0.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2003
(21) Application No.00968/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ISOXAZOLINE DERIVATIVES AND THEIR USE AS ANTI-DEPRESSANTS"

(51) International classification :C07D 498/04
(31) Priority Document No :01200611.0
(32) Priority Date :21/02/2001
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP02/01567
Filing Date :13/02/2002
(87) International Publication No :WO 02/066484
(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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8)XAVIER JEAN MICHEL LANGLOIS
9)MARGARETHA HENRICA MARIA BAKKER
10)THOMAS HORST WOLFGANG STECKLER

No of Pages : 96
No of Claims : 18

(57) Abstract :
The invention concerns substituted isoxazolines derivatives according to Formula (I): wherein X = CH22#191, N-R7, S or O, Rlt R2 and R3 are certain specific substituents, Pir is an optionally substituted piperidyl or piperazyl radical and R3 represents an optionally substituted aromatic homocyclic or heterocyclic ring system including a partially or completely hydrogenated hydrocarbon chain of maximum 6 atoms long with which the ring system is attached to the Pir radical and which may contain one or more heteroatoms selected from the group of O, N and S ; a process for their preparation, pharmaceutical compositions comprising them and their use as a medicine, in particular for the treatment of depression and/of anxiety and disorders of body weight. The compounds according to the invention have surprisingly been shown to have a serotonine (5-HT) reuptake inhibitor activity in combination with additional a2-adrenoceptor antagonist activity and show a strong anti-depressant activity without being sedative. Compounds according to the invention are also suitable for treating patients with anxiety disorders and disorders of body weight. The invention also relates to novel combination of substituted isoxazolines derivatives having anti-depressant activity and/or anxiolytic activity and/or body weight control activity with antidepressants, anxiolytics and/or antipsychotics to improve efficacy and/or onset of action.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2003
(21) Application No.00970/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "IMPROVEMENTS IN POSITIONING SYSTEMS AND METHODS"

(51) International classification :G01S 5/10
(31) Priority Document No :01301679.5
(32) Priority Date :23/02/2001
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCTGB02/00741
Filing Date :20/02/2002
(87) International Publication No :WO 02/068986
(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)BRICE, JAMES, PAUL

No of Pages : 25
No of Claims : 45

(57) Abstract :
There is described a method of providing a positioning service for plural terminals (4) operating in a communication network which may, for example be a GSM telephone network. The terminals have receivers (42) for receiving signals from transmission sources (1A -1C). In the method measurements of the signal received from one or more of the transmission sources by the receivers are made and the measurements transferred to one or more data nodes (3). At the data node(s) (3) one or more records of one or more of the measurements are created and at least some of the records are transferred to one or more computing nodes (5).At the computing node(s) (5) a table (6) of the record transferred to the computing node is maintained and a computation is carried out, using at least part of the table(6), from which the positions or states of motion or relative positions or relative states of motion of the said plural terminals and the transmission time offsets of the transmission sources are extractable.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2003
(21) Application No.00972/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A FLEXIBLE PROTECTION LAYER FOR BODY PROTECTING PRODUCTS"

(51) International classification :A41D 13/00
(31) Priority Document No :0004725-8
(32) Priority Date :20/12/2000
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE01/02831
Filing Date :19/12/2001
(87) International Publication No :WO 02/49466
(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)GEISLER, PETER

No of Pages : 9
No of Claims : 15

(57) Abstract :
Method for producing a flexible protection layer which can be incorporated in different body protecting products in order to prevent injuries caused by penetrating objects, such as nails, pointed weapons and the like. According to the method polymer fibres having a high breaking point are embedded in a hardenable binding material so that the binding material surrounds the fibres and upon hardening fixes the fibres in their positions. The method is characterized in that the fibres are embedded in the binding material in a mutually unarranged order, preferably felted together.The invention also relates to a flexible protection layer produced in accordance with the method and which can be incorporated in different body protecting products.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2003
(21) Application No.01013/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "CARBOXAMIDES AS FUNGICIDES IN AGRICULTURE"

(51) International classification :C07D 207/34
(31) Priority Document No :0101996.7
(32) Priority Date :25/01/2001
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP02/00717
Filing Date :24/01/2002
(87) International Publication No :WO 02/059086
(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 : 52
No of Claims : 13

(57) Abstract :
The invention concerns novel carboxamides of formula (I) wherein A is (Al), (A2), (A3), (A4), (A5); Q is (Ql), (Q2), (Q3), (Q4), (Q5), (Q6); R, is CH2 R2, CH2CH=CHR2, CH=C=CHR2 orCOR3; R2 is hydrogen, d-C6alkyl, C,-C6haloaJkyl, C2 O,,alkeny], C2-C6alkynyl, CVC,cycloalkyl, COOC,-C4alkyl, COOC3-C6alkenyl, COOC3-C6alkynyl or CN; R3 is C,-C6aJkyl, Cl-C6alkyl substituted by halogen, d-C6alkoxy or C,-C6haloalkoxy; or is Ci-C6aJkylthio, CrC6haloalkylthio, Q-Cealkoxy, C'rf^haloalkoxy; Ci-C6,alkenyloxy or C-,-C6naloaIkenyloxy; C3-Cjhaloalkenyloxy; C3-C6alkynyloxy or C3-C6haloalkynyloxy; R4 is methyl, CF2C1, CF,, C'F2H, CFTI2, Cl or Br; R5 is methyl, CF3, CH2OCH3 or CH2OCF3; R6 is hydrogen, fluoro, CF3 or methyl; R; is hydrogen, methyl or halogen; and Z is phenyl, halophenyl, C5-C7cycloalkyl, C5-C7cycIoalkyl substituted by Ci-C3a]kyl, C^Cjhaloalkyl or halogen, or a group of the form -CHR8-CH2-CHR9R10 wherein Rg, RS and RIO are independently of each other CrC-,alkyl. The novel compounds have plant-protective properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, in particular fungi.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2003
(21) Application No.01014/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "THE USE OF ANTIGESTAGENS FOR INHIBITING ACCELERATED ENDOMETRIAL MATURATION DURING INFERTILITY TREATMENT"

(51) International classification :A61K 31/00
(31) Priority Document No :09/756,286
(32) Priority Date :09/01/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB02/01764
Filing Date :09/01/2002
(87) International Publication No :WO 02/067910
(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 : 33
No of Claims : 29

(57) Abstract :
A method of inhibiting the occurrence of advanced endometrium maturation in a female mammal undergoing fertility treatment is disclosed. The method comprises the administration at least one 17α-fluoralkylated progesterone receptor antagonist to the female mammal.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2003
(21) Application No.01032/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "SUPPORT FOR USE IN CATALYST FOR PRODUCING LOWER ALIPHATIC CARBOXYLIC AND ESTER, CATALYST FOR PRODUCING LOWER ALIPHATIC CARBOXYLIC ACID ESTER USING THE SUPPORT, PROCESS FOR PRODUCING THE CATALYST, AND PROCESS FOR PRODUCING LOWER ALIPHATIC CARBOXYLIC ACID ESTER USING THE CATALYST"

(51) International classification :C07C 67/04
(31) Priority Document No :2001-036038
(32) Priority Date :13/02/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP02/01156
Filing Date :12/02/2002
(87) International Publication No :WO 02/064541
(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 : 37
No of Claims : 13

(57) Abstract :
A siliceous support for use in a catalyst for producing a lower aliphatic carboxylic acid ester by reacting a lower olefin with a lower aliphatic carboxylic acid in a gas phase, which has a silicon content of from 39.7 to 46.3% by massor a silicon content of from 85 to 99% by mass in terms of silicon dioxide or a crush strength of 30 N or more. By the use of a catalyst comprising the support, a lower aliphatic carboxylic kcid ester is produced from lower olefin and a lower aliphktic carboxylic acid without causing great reduction of catalytic activity or cracking or abrasion of the catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2003
(21) Application No.01045/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "OLEFIN OLIGOMERIZATION"

(51) International classification :C07C 2/12
(31) Priority Document No :60/265,700
(32) Priority Date :01/02/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/02858
Filing Date :01/02/2002
(87) International Publication No :WO 02/060842
(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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7)JOHN RICHARD SHUTT
8)ANDREA VAN DRIESSCHE

No of Pages : 34
No of Claims : 41

(57) Abstract :
This invention is to a method of oligomerizing an olefin feed stream. The olefin feed stream contains at least one C2 to C12 olefin to obtain an olefin feed stream and has less than 1,000 ppm by weight oxygenated hydrocarbon. The olefin is oligomerized by contacting with an acid based oligomerization catalyst.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2003
(21) Application No.01121/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PEPTIDES EXHIBITING AFFINITY FOR THE VIRAL PROTEIN GP 120, AND USE OF THESE PEPTIDES"

(51) International classification :C07K 14/00
(31) Priority Document No :01/00893
(32) Priority Date :23/01/2001
(33) Name of priority country :France
(86) International Application No :PCT/FR02/00227
Filing Date :21/01/2002
(87) International Publication No :WO 02/059146
(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)CHRISTIAN ROUMESTAND,
4)FRANCISCO VEAS,

No of Pages : 55
No of Claims : 14

(57) Abstract :
The invention concerns a family of peptides exhibiting high affinity and specificity for the gpl20 viral protein, and methods for producing said peptides, and the use of said peptides. The inventive peptides are characterised in that they comprise the following sequence (A): TPA-P1 -Cys-P2-Cys-P3-Cys-Ala or Gln-Gly or (D) Asp or Ser or His or Asn-Xaa'-Cys Thr or Ala-Cys-Xaak-NH2, wherein TPA represents thiopropionic acid; XaaJ represents B-naphthylalanine, phenylalanine or bi-phenylalanine; Xaak represents Gly, Val or Ileu; P1 represents 3 to 6 amino acids, P2 represents 2 to 4 amino acids and P3 represenls 6 to 10 amino acids, the amino acids in P1, P2 and P3 being natural or synthetic, identical or dififerent and P1, P2 and P?3 ,having or not having a common sequence, said peptide having a B hairpin conibrmation whereof the 3 bend is formed by Ala or Glu-Gly or CDAsp or Ser or His or Asn-Xaak amino acid residues of its sequence (A). Said peptide can be used for making a medicine, a vaccine, a chromatography column and for screening.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2003
(21) Application No.01133/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METAL COMPOUND MICROPARTICLES AND ULTRA-MICROPARTICLE POWDERS"

(51) International classification :C01G 1/00
(31) Priority Document No :01106442.0
(32) Priority Date :19/01/2001
(33) Name of priority country :China
(86) International Application No :PCT/CN02/00026
Filing Date :18/01/2002
(87) International Publication No :WO 02/57186
(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)HUANG FUKUO
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(72)**Name of Inventor :**
1)HUANG FUKUO

No of Pages : 14
No of Claims : 7

(57) Abstract :
A method for producing fine or ultra fine powder particles comprising mixing a metal alkoxide with a non-metallic hydride in an organic solvent, agitating the mixed solution, and then burning the mixed solution. The burning process comprises igniting the solution directly or burning the solution in situ. A self-sustaining flame will result. When the precursor solution burns, the metallic compound will be co-fired with the organic solvent. As a result, fine or ultra fine particles of mixed metal will burst from the flame, or thrust through the flame and be synthesized. 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2003
(21) Application No.01452/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "INTERACTIVE TELECONFERENCING DISPLAY SYSTEM"

(51) International classification :G03B 21/00
(31) Priority Document No :09/788,026
(32) Priority Date :16/02/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/04593
Filing Date :14/02/2002
(87) International Publication No :WO 02/067050
(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)IMATTE, INC.
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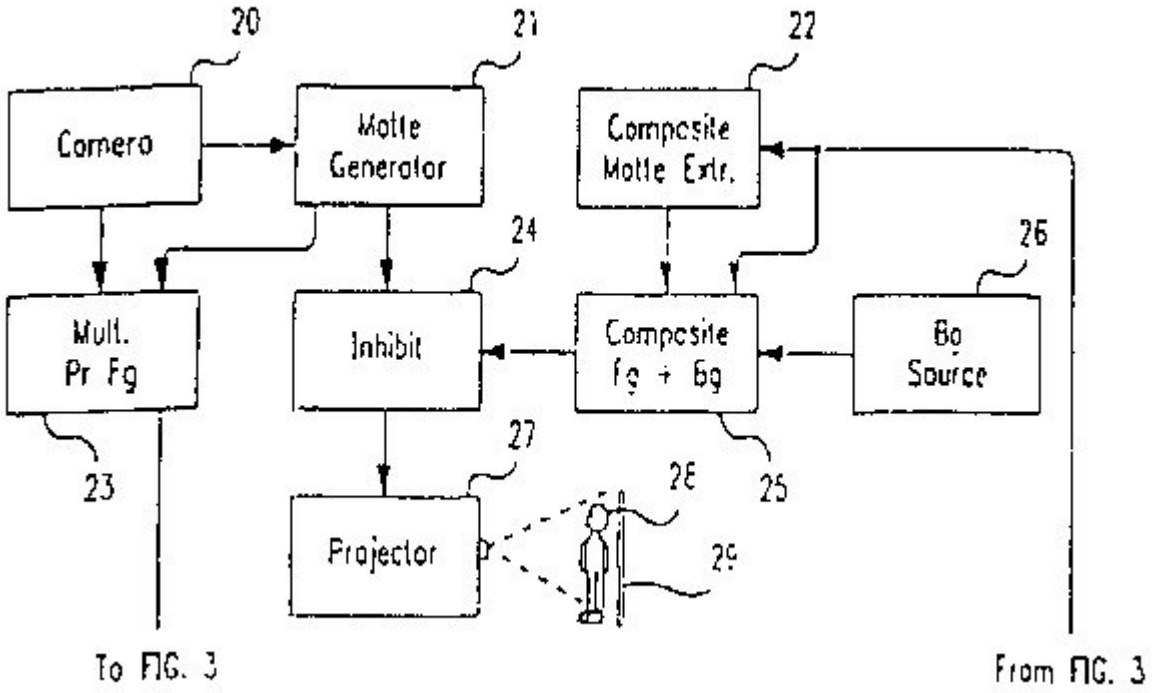
(72)**Name of Inventor :**
1)PAUL VLAHOS,

No of Pages : 21
No of Claims : 18

(57) Abstract :
A teleconferencing system in which the video image of a subject in front ol'a selected background scene is extracted from that scene and transmitted to other locations where selected backgrounds are slored. By compositing the subject and background images (25) at each remote location, both image elements, being originals, will show no loss of detail when projected. For a front projection screen (29), the projector (27) is inhibited from illuminating a presenter (2S).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/1999
(21) Application No.0691/DEL/1999 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "USE OF SPINOSYNS AS SOIL-ACTING INSECTICIDES"

(51) International classification	:A01N 43/00
(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)WOLFRAM ANDERSCH

No of Pages : 24
No of Claims : 10

(57) Abstract :
The present invention relates to the use of spinosyns for treating seed and plant propagation material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2005
(21) Application No.1027/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "WATER HEATING APPARATUS"

(51) International classification :F24D 17/00
(31) Priority Document No :2002951413
(32) Priority Date :16/09/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2003/001211
Filing Date :16/09/2003
(87) International Publication No :WO 2004/025188
(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)OLLIN SUSTAINABLE TECHNOLOGIES PTY. LTD.
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(72)**Name of Inventor :**
1)TRIHEY JOHN MASSEY
2)TRIHEY ALBERT MASSEY
3)MCNAIR JOHN DUNCAN

No of Pages : 27
No of Claims : 36

(57) Abstract :
Water heating apparatus including: a storage tank for storing heated water; a gas burner assembly for heating water in the tank; the gas burner assembly including: a housing; a gas burner in the housing; at least one passage through the housing; and mounting means for mounting the housing in the tank such that, in use, it is immersed in water within the tank and wherein, when the gas burner is operated, the temperature of the housing rises and heat transfer to the water in the tank occurs and a convection current in the water flows through the at least one passage to thereby increase heal transfer to the water.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005
(21) Application No.1079/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A HEAT EXCHANGER SYSTEM SUITABLE FOR CONTANING A PRESSURIZED CRYOGENIC TEMPERATURE FLUID"

(51) International classification :F25J 3/04
(31) Priority Document No :60/068,208
(32) Priority Date :19/12/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1711/DEL/1998
Filed on :18/06/1998

(71)**Name of Applicant :**
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2)LONNY RAY KELLEY
3)BRUCE THOMAS KELLEY
4)EDWARD LAWRENCE KIMBLE
5)JAMES RONALD RIGBY
6)ROBERT E STEELE

No of Pages : 62
No of Claims : 38

(57) Abstract :
This invention relates to process components, containers, and pipes suitable for containing and transporting cryogenic temperature fluids. More particularly, this invention relates to process components, containers, and pipes that are constructed from an ultra-high strength/low alloy steel containing less than 9 wt% nickel and having a tensile strength greater than 830 MPa (120 ksi) and a DBTT lower than about -73°C(-100°F).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2003
(21) Application No.1210/DELNP/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "POLYNUCLEOTIDES FOR USE AS TAGS AND TAG COMPLEMENTS, MANUFACTURE AND USE THEREOF."

(51) International classification :C12Q 1/68
(31) Priority Document No :60/263,710
(32) Priority Date :25/01/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA02/00089
Filing Date :25/01/2002
(87) International Publication No :WO 02/059355
(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)TM BIOSCIENCE CORPORATION
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(72)**Name of Inventor :**
1)KOBLER DANIEL
2)FIELDHOUSE DANIEL

No of Pages : 1
No of Claims : 0

(57) Abstract :
A family of minimally cross-hybridizing nucleotide sequences, methods of use, etc. A specific family of 1168 24mers is described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.1268/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING COW URINE DISTILLATE AND AN ANTIOXIDANTS

(51) International classification :A61K
(31) Priority Document No :10/404,448
(32) Priority Date :02/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IN03/00125
Filing Date :31/03/2003
(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)CHAKRABARTI .T
2)SARAVANA DS,
3)KRISHNAMURTHI K,
4)DUTTA D

No of Pages : 20
No of Claims : 23

(57) Abstract :
A composition useful for protecting and/or repairing DNA from oxidative damages said composition comprising redistilled cow's urine distillate (RCUD) having components benzoic acid, and hexanoic acid, with ammonia content of the composition ranging between 5-15mg/L, and optionally along with anti-oxidants; and a method of protecting and/or repairing DNA from oxidative damages using composition of claim l, said method comprising steps of estimating the amount of folded DNA in a sample, mixing the said composition to the said DNA either before or after the exposure of the DNA to the oxidatively DNA-damaging agent, and determining percentage folded DNA in the mixture showing protection and/or repair of DNA from oxidative damages. 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2005
(21) Application No.1319/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RESIDENTIAL COMPRESSOR FOR REFUELING MOTOR VEHICLES THAT OPERATE ON GASEOUS FUEL"

(51) International classification :F17C 5/00
(31) Priority Document No :10/265,096
(32) Priority Date :04/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2003/001475
Filing Date :06/10/2003
(87) International Publication No :WO 2004/031643
(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)CHAN ANTHONY
2)WOJCIECHOWSKIM PAWEL
3)RACKHAM RALPH
4)DEMALINE TRACEY,
5)CHAPNIK BRIAN,
6)MOJSOV TOME,

No of Pages : 21
No of Claims : 13

(57) Abstract :
A compressor for natural gas is made in a format suitable for mounting on a wall or upright support at a residential location. This permits refilling of the gas reservoir of a gaseous-fueled motor vehicle parked at the residence. The wall-mounted appliance has vibration isolation supports to minimize transmission of noise into the residence. It has a ventilation and air circulation system that allows it to test for the presence of flammable gas both leaking from the appliance and present in the adjacent ambient environment, e.g. a garage.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2005
(21) Application No.1346/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "CONTAINER FOR SHAVING CARTRIDGE OR OTHER STORED ITEM"

(51) International classification :B65D 77/20
(31) Priority Document No :09/364,242
(32) Priority Date :29/07/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/20067
Filing Date :24/07/2000
(87) International Publication No :WO 01/09002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001,01206/DEL
Filed on :27/12/2001

(71)**Name of Applicant :**
1)THE GILLETTE COMPANY
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(72)**Name of Inventor :**
1)JOHN D.PETRICCA

No of Pages : 23
No of Claims : 64

(57) Abstract :
Sealed package that includes a formed plastic container, a shaving cartridge (onother stored unit) in a storage region in the container, and a removable film that covers and is sealed to a sealing surface around an entrance to the storage region. Side walls of the container have retaining structure that protrudes inward and retains the shaving cartridge (or other stored unit). 'The . container bas a lip adjacent to and extending from a side wall of the container at an entrance to the storage region to space a user's finger or thumb from the entrance during removal of the cartridge. The removable film has deadfold characteristics which facilitate removal of the cartridge when the film is still paltially connccted at the rcar of the container. A plastic tab is attached to a portion of the fllm extending beyond the sealing surface of the container to inițiate peeling of the film from the sealing surface. The plastic tab is spaced from the formed plastic container by a gap.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2004
(21) Application No.1357/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "5[4-[2-[N-METHYL-N-[2-PYRIDYL]AMIDO]ETHOXY]BENZYL]THIAZOLIDINE-2, 4-DIONE AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME"

(51) International classification :C07D 417/12
(31) Priority Document No :0127805.0
(32) Priority Date :20/11/2001
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB02/05199
Filing Date :19/11/2002
(87) International Publication No :WO 03/045945
(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)SMITHKLINE BEECHAM P.L.C.,
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(72)**Name of Inventor :**
1)GRAHAM STANLEY LEONARD,
2)KAREN JANE LEWIS
3)DONALD COLIN MACKENZIE,

No of Pages : 10
No of Claims : 8

(57) Abstract :
A compound, 5|4-|2-(N-mclhyl-N-(2-pyridy])amino)ethoxyJbenzyl]thiazolidine-2,4-diorie ('Compound (I)'). or a phanaicculically acceptable form thereof, in particulate form wherein the median value of the volume mean diameter of the particles is wiihin the ranoe 5OOnni to 5 micrometres and medicinal uses thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2004
(21) Application No.1370/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NOVEL PROTEINS IN ENTEROAGGREGATIVE ESCHERICHIA COLI (EAEC) USEFUL FOR DIAGNOSIS AND THERAPY OF EAEC INFECTIONS"

(51) International classification	:C12N
(31) Priority Document No	:60/334,425
(32) Priority Date	:30/11/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/038235
Filing Date	:02/12/2002
(87) International Publication No	:WO 2004/009759
(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)UNIVERSITY OF MARYLAND, BALTIMORE
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(72)**Name of Inventor :**
1)NATARO, JAMES

No of Pages : 104
No of Claims : 62

(57) Abstract :
Novel proteins and their corresponding nucleotide sequences in enteroaggregative Escherichia coli (EAEC) are provided. In particular, Aap and the five gene cluster (aat) of the AA probe region of the pAA plasmid of EAEC 042 have been identified, sequenced, and further characterized. The use of these novel proteins and their corresponding nucleotide sequences for diagnosis, therapy, and prevention of EAEC infections is also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2005
(21) Application No.1419/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS FOR MAKING A SYRINGE PLUNGER

(51) International classification :A61M 5/315
(31) Priority Document No :9614807.7
(32) Priority Date :15/07/1996
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1880/DEL/1997
Filed on :04/07/1997

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARC KOSKA

No of Pages : 21
No of Claims : 9

(57) Abstract :
This invention relates to syringes and has for its object an autodestruct syringe, that is, one that can be used once only and is rendered disabled by the user during the process of normal use,

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2005
(21) Application No.1420/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PROCESS FOR COLOURING HIGH MOLECULAR WEIGHT ORGANIC MATERIAL AND NOVEL POLYCYLIC PIGMENTS"

(51) International classification :C09B 17/00
(31) Priority Document No :2634/96
(32) Priority Date :25/10/1996
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3046/DEL/1997
Filed on :25/10/1996

(71)**Name of Applicant :**
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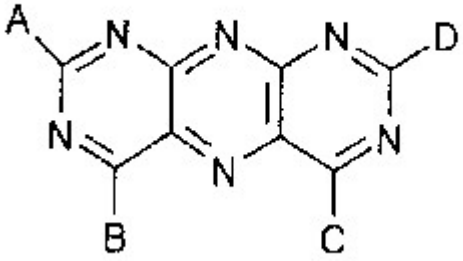
(72)**Name of Inventor :**
1)THOMAS EICHENBERGER
2)MAX HUGIN
3)NA

No of Pages : 17
No of Claims : 7

(57) Abstract :
A process for mass colouring high molecular weight organic material by using a pyrimido-pteridine of formula I and/or II or a mixture thereof, wherein A, B, C and D are each independently of one another -NH2, -OH, hydrogen, C1-C4alkyl; phenyl, biphenyl or naphthyl which are unsubstituted or substituted by halogen, -OH, -NH2, C1-C4alkyl or C1-C4alkoxy; -NHR1 -N(R1)2 or R1 is C1-C4alkyl; phenyl which is unsubstituted or substituted by halogen, C1-C4alkyl or C1-C4- alkoxy, or -COXR2, X is a direct bond, -O- or -NH-, and R2 is C1-C4alkyl; phenyl which is unsubstituted or substituted by halogen, C1-C4alkyl or C1-C4- alkoxy, with the proviso that at least two of the radicals A, B, C and D are -NH2 or -OH.



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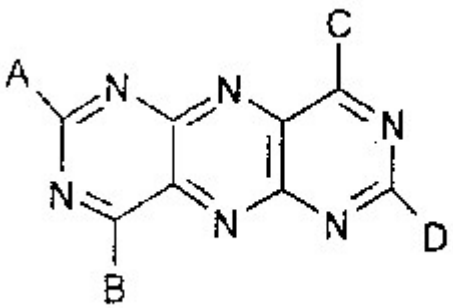

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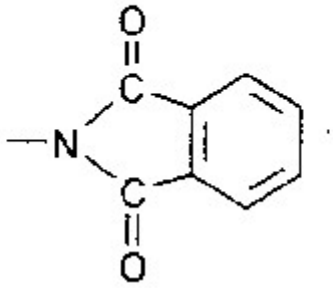

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2005
(21) Application No.1423/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "IMPROVED IMAGE CONVERSION AND ENCODING TECHNIQUES"

(51) International classification :G06T 7/00
(31) Priority Document No :PP 0778
(32) Priority Date :05/12/1997
(33) Name of priority country :Australia
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3669/DEL/1998
Filed on :04/12/1998

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PHILIP VICTOR HARMAN

No of Pages : 33
No of Claims : 44

(57) Abstract :
A method of producing a depth map for use in the conversion of 2D images into stereoscopic images including the steps of : identifying at least one object within a 2D image; allocating the or each object with an identifying tag; allocating the or each object with a depth tag; and determining and defining an outline of each or the object.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2005
(21) Application No.1424/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD OF MANUFACTURE OF AN ELECTRODE FOR ELECTROCHEMICAL DEVICES"

(51) International classification :H01M 4/04
(31) Priority Document No :60/416,593
(32) Priority Date :07/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2003/004410
Filing Date :07/10/2003
(87) International Publication No :WO 2004/032261
(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)TIMONOV, MIKHAILOVICH, ALEXANDER
4)LOGVINOV, ANATOLIJEVICH, SERGEY
5)PIVUNOV, IVANOVICH, DMITRIY
6)VASILJEVA, VIKTOROVNA, SVETLANA
7)SHKOLNIK, NIK
8)KOGAN, SAM

No of Pages : 14
No of Claims : 12

(57) Abstract :
Deposition of a redox polymer of the poly-[Me(R-Salen)] type onto a conducting substrate by electrochemical polymerization is disclosed. Said polymerization occurs at a voltage applied between the substrate and a counter-electrode, both of which are submerged into the electrolyte/ The electrolyte containins an organic solvent, compounds capable of dissolving in the solvent and forming electrochemically inactive ions at concentrations of no less than 0.01 mol/I within the range of potentials from -3.0 V to +1.5 V, and a metal complex poly-[Me(R-Salen)] dissolved at a concentration of no less than 5x10`5 mole/liter. Me is transition metal having at least two different degrees of oxidation, R is an electron-donating substituent, Salen is a residue of bis(salicylaldehyde)-ethylenediamine in Schiff' s base). Deposition of the redox occurs in the electrolyte where the cations of the compounds have a diameter larger than that of the electrolyte cations of energy storing device containing the electrode.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2005
(21) Application No.1433/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "INTERCHANGEABLE MOLD INSERT SYSTEM."

(51) International classification :B29C 45/17
(31) Priority Document No :2,408,813
(32) Priority Date :18/10/2002
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2003/001582
Filing Date :17/10/2003
(87) International Publication No :WO 2004/035290
(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)INJECTNOTECH INC.
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(72)**Name of Inventor :**
1)CICCONE VINCE
2)MARAN PETRICA

No of Pages : 13
No of Claims : 15

(57) Abstract :
An insert system for an injec-tion mold apparatus is provided. The mold has a mold cavity plate (14) and a mold core plate (12) each secured to mold bases (16, 18), rel-atively movable between open and closed po-sitions, each having opposing faces, the faces meeting to define a mold cavity between the two faces. At least one of the mold plate faces de-fines a facial pocket (40) therein for insertion of a mold insert (30). The mold insert is secured to an insert rod (36). The mold plate having the facial pocket (40) defines a passageway (46) ex-tending from the facial pocket through the plate (12) and mold base (16). The insert rod is in-s&rtable into the passageway to a position where the insert sits within said facial pocket at a pre-lock position, where said insert is only partially inserted into said facial pocket. Preferably the insert is biased in this prelock position. Locking means (64, 66, 38, 70, 74,76, 101, 63A, 63B) is operably connected to the insert rod (36), op-erable from the periphery of said mold base, to releasably lock the insert rod within said pas-sage and thus the insert from said prelock posi-tion to a fully inserted position where the insert sits flush with the mold plate face.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2004
(21) Application No.1437/DENP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "POWDER INHALATOR"

(51) International classification :A61M 15/00
(31) Priority Document No :2002-298726
(32) Priority Date :11/10/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/012866
Filing Date :08/10/2003
(87) International Publication No :WO 2004/033010
(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)OTSUKA PHARMACEUTICAL CO., LTD
Address of Applicant :9, KANDATSUKASACHO 2-CHOME, CHIYODA-KU, TOKYO 101-8535, JAPAN Japan
2)OTSUKA TECHNO CORPORATION
(72)**Name of Inventor :**
1)TORU NISHIBAYASHI
2)SHINTARO ADACHI
3)TETSUYA SATO

No of Pages : 46
No of Claims : 8

(57) Abstract :
A powder inhalation device comprising a housing; a supply member for accommodating multiple doses of fine powder drug, which has a drug discharge hole opened in its under surface; a drug delivery member adapted to receive the fine powder drug supplied through the drug discharge hole from the supply member and having a measuring hole of the volume corresponding to one dose on its upper side; and an operating member disposed so as to allow free reciprocating motion and capable of operating the drug delivery member, the powder inhalation device so arranged that the fine powder drug charged in the measuring hole is transferred from the position of the drug discharge hole into an air inhalation channel by moving the drug delivery member while maintaining contact thereof with the under surface of the supply member, characterized in that the drug delivery member is disposed in oscillatable form so that the oscillation of the drug delivery member realizes an arc motion of the measuring hole.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2005
(21) Application No.1463/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "TURBINE WITH VANED NOZZLES."

(51) International classification :F01K 025/08
(31) Priority Document No :10/293,711
(32) Priority Date :13/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/035889
Filing Date :12/11/2003
(87) International Publication No :WO 2004/044385
(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)UTC POWER, LLC
Address of Applicant :195 GOVERNOR'S HIGHWAY, SOUTH WINDSOR, CT 06074, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)BRASZ JOOST J.
2)BIEDERMAN BRUCE P.

No of Pages : 13
No of Claims : 21

(57) Abstract :
A machine designed as a centrifugal compressor is applied as an organic rankine cycle turbine by operating the machine in reverse. In order to accommodate the higher pressures when operating as a turbine, a suitable refrigerant is chosen such that the pressures and temperatures are maintained within established limits. Such an adaptation of existing, relatively inexpensive equipment to an application that may be otherwise uneconomical, allows for the convenient and economical use of energy that would be otherwise lost by waste heat to the atmosphere.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2005
(21) Application No.1493/DEL/2005 A
(43) Publication Date : 25/05/2007

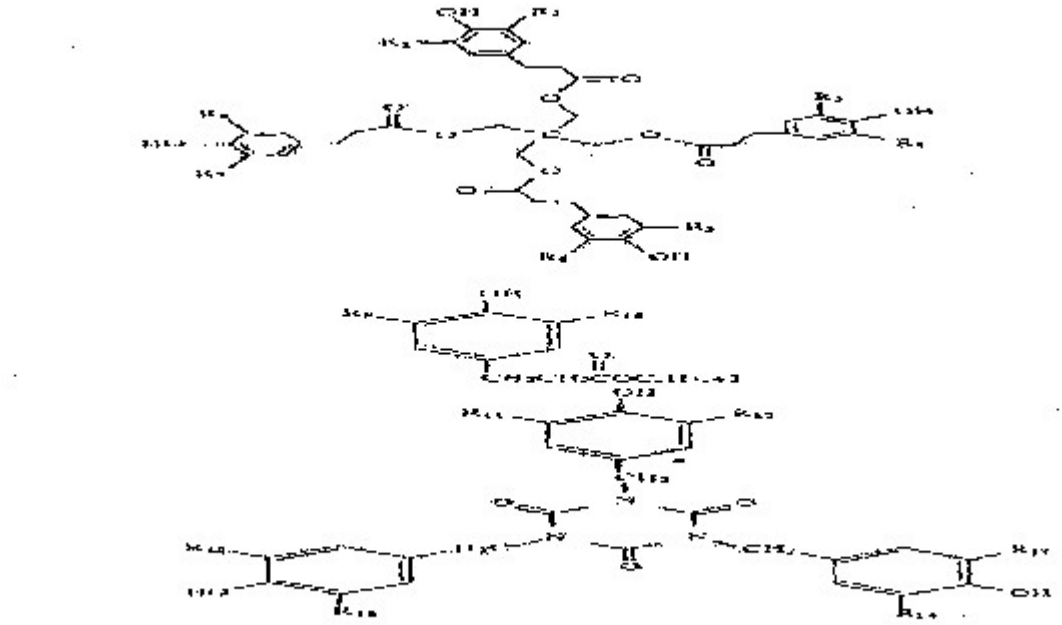
(54) Title of the invention : "A CLEANSING COMPOSITION"

(51) International classification :C11D 3/18
(31) Priority Document No :60/010796
(32) Priority Date :30/01/1996
(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 :218/DEL/1997
Filed on :28/01/1997

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY
Address of Applicant :300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)RICHARD K. PAYNE
2)ANBEN HWANG
3)RAVI SUBRAMANYAM

No of Pages : 22
No of Claims : 24

(57) Abstract :
A cleansing composition which comprises a cleansing effec-tive amount of .1 long chain alkyl or alkecyl containing surfactant or inixtures thereof and color stabilizing effective amount of a compound selected from the group consisting of wherein R1, R2, R3, R4, R5, R6, R7 and R8,, are the same or different and arc isopropyl or tertiary butyl, wherein R9 and R10 are the same or different and are isopropyl or tertiary butyl and n is about 8 to about 20, or wherein R11, R12, R13, R14, R15, and R16 are the same or different and are isopropyl or tertiary butyl.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2005
(21) Application No.1508/DEL/2005 A
(43) Publication Date : 25/05/2007

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

(51) International classification :C09D 183/00
(31) Priority Document No :9624881.0
(32) Priority Date :29/11/1996
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3385/DEL/1997
Filed on :24/11/1997

(71)**Name of Applicant :**
1)COURTAULDS COATINGS (HOLDINGS LIMITED)
Address of Applicant :50 GEORGE STREET,LONDON W1A 2BB,ENGLAND, U.K.
(72)**Name of Inventor :**
1)SARAH ANNE MACKIE DELLY

No of Pages : 25
No of Claims : 17

(57) Abstract :
This invention relates to a coating composition capable of being cured at ambient temperature and useful as a protective coating for steel structures and/or as a weather-resistant exterior coating.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2005
(21) Application No.1576/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR RESOURCE ALLOCATION BASED ON THE QOS REQUEST AND EXPECTED ACTION EXECUTIONE"

(51) International classification :H 04R 7/38
(31) Priority Document No :60/439,812
(32) Priority Date :14/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2003/001691
Filing Date :31/10/2003
(87) International Publication No :WO 2004/064441
(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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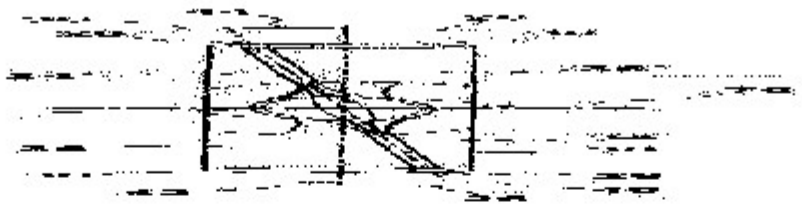
(72)**Name of Inventor :**
1)BOGDAN TIMUS
2)PETER OKVIST

No of Pages : 56
No of Claims : 55

(57) Abstract :
The invention relates to resource allocation in communications systems (1). In such a system (1), the pool of resources that can be provided to connected user equipment (400, 410) for usage in conducting communications services are divided into multiple resources classes. This class division is based on a characteristic allocation time of resource allocation procedures that can be applied on resources of the different classes. For each class, a resource utilization measure is determined. It is then determined, based on this measure, whether or not a resource allocation procedure associated with the current class should be triggered. This selective triggering can be realized through a comparison between the measure and a threshold associated with the current class. Both the measure determination and selective triggering are performed for a given class before continuing with a next class, preferably starting with the class having slowest resource allocation procedures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2005
(21) Application No.1599/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A DIKETOPYRROLOPYRROLE OF FORMULA I"

(51) International classification :C09B 57/00
(31) Priority Document No :2060/96
(32) Priority Date :22/08/1996
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2354/DEL/1997
Filed on :20/08/1997

(71)**Name of Applicant :**
1)CIBA SPECIALTY CHEMICALS HOLDINGS INC.
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(72)**Name of Inventor :**
1)THOMAS RUCH
2)OLOF WALLQUIST

No of Pages : 11
No of Claims : 2

(57) Abstract :
A diketopyrrolopyrrole of formula in its β-modification . The novel β-modification is also suitable as pigment for colouring high moiecular weight organic materials. In comparison to the α-modification, it has a shade shifting towards blueish red, enhanced colour strength and chroma as well as an enhanced resistance to heat.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2005
(21) Application No.1623/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 'AN INSTALLATION FOR THE CONSTRUCTION OF A CORE FOR THE MANUFACTURE OF AN OBJECT BY DEPOSITING ON THE CORE'

(51) International classification :B60C 9/00
(31) Priority Document No :96/09856
(32) Priority Date :01/08/1996
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1929/DEL/1997
Filed on :10/07/1997

(71)**Name of Applicant :**
1)CONCEPTION ET DEVELOPMENT MICHELIN, S.A.
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(72)**Name of Inventor :**
1)OLIVER ESSING R
2)DANIEL LAURENT

No of Pages : 20
No of Claims : 13

(57) Abstract :
An installation for the construction of a core for the manufacture of an object by depositing on the core, said installation comprising: a reservoir (60) capable of containing a pulverulent fluidizable solid material (6); means for handling a first mold (5) the molding surface of which at least partially defines the outer surface of said core, said molding surface being open, said core being a torodial core used for the manufacture of a tire; means for holding a rim (1) comprising a middle portion connecting two annular lateral anchoring zones; means for manufacturing an air-tight membrane (2) which is deposited on said molding surface of the first mold (5), and for creating a cavity of predetermined volume and shape by closing said opening by means of said support (1) in order to define a closed space between the support and the membrane; means for transferring sad material from the reservoir towards said closed space and, vice versa, in such a manner that said material can occupy the entire volume of said cavity: means for making the said material rigid by creating a vacuum in said closed space in order to apply the membrane against said material so as to create a core which is integral with the support means for making the said material rigid by creating a vacuum in said closed space in order to apply the membrane against said material so as to create a core which is integral with the support.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2005
(21) Application No.1624/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NAPHTHOPYRANS, COMPOSITIONS AND ARTICLES CONTAINING THEM"

(51) International classification :C07D 205/00
(31) Priority Document No :96-09384
(32) Priority Date :25/07/1996
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2026/DEL/1997
Filed on :21/07/1997

(71)**Name of Applicant :**
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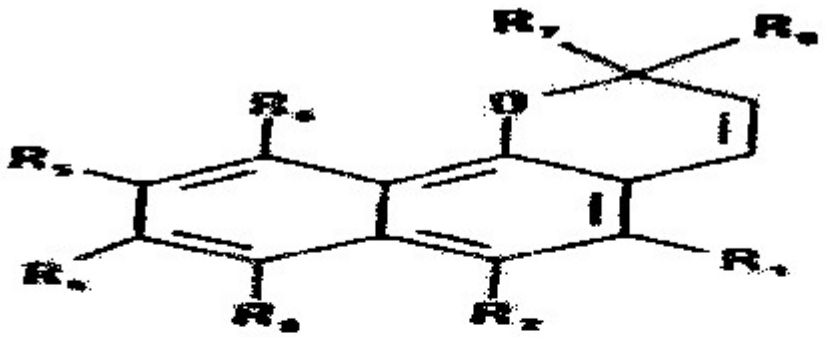
(72)**Name of Inventor :**
1)YOU-PING CHAN
2)NATHAN BRYSON

No of Pages : 20
No of Claims : 23

(57) Abstract :
The invention relates to photochromic compounds of the following general formula (I): in which: - R1-R8 represent various substituents, characterized in that at least two of the groups R3-R6 are C1-C6 alkoxy groups.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2004
(21) Application No.1677/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DEVICE FOR PERFORMING OSTEOSYNTHESIS"

(51) International classification :A61B 17/80
(31) Priority Document No :PCT/CH01/00740
(32) Priority Date :24/12/2001
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2001/000740
Filing Date :24/12/2001
(87) International Publication No :WO 2003/055401
(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)CLAUDE MATHIEU
2)ROBERT FRIGG
3)HARALD SANER

No of Pages : 13
No of Claims : 33

(57) Abstract :
The device for osteosynthesis comprises a bone plate (1) including a bottom surface (2) designed to bear against the bone, a top surface (3), and at least one through hole (4) connecting the bottom surface (2) with the top surface (3) and designed to receive a multiaxially adjustable bushing (10) for a bone screw (20), said through hole (4) having a central axis (5), as well as a bushing (10) insertable into said through hole (4), including a central bore (11) designed to receive a bone screw (20), said bore (11) having a longitudinal axis' (12), as well as a peripheral outside face (17) designed to be in contact with the through hole (4)- The bushing (10) is realised in such a way as to be radially compressible and radially expansible and the cross section (6) of the through hole (4) extending orthogonally to the central axis (5) is of non-circular shape. The cross section (16) of the bushing (10) extending orthogonally to the longitudinal axis (12) has a form corresponding substantially to that of the cross section (6) of the through hole (4) of the bone plate (1), and the bushing (10) which is placed in the through hole (4) is rotationally stable relative to its longitudinal axis (12), while remaining adjustable within the through hole (4) as to its orientation relative to the bone plate (1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2004
(21) Application No.1679/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NOVEL PHARMACEUTICAL COMPOSITION OF INTERFERON GAMMA OR PIRFENIDONE WITH MOLECULAR DIAGNOSTICS FOR THE IMPROVED TREATMENT OF INTERSTITIAL LUNG DISEASES"

(51) International classification :A61K 38/21
(31) Priority Document No :01130011.8
(32) Priority Date :18/12/2001
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/CH02/00691
Filing Date :12/12/2002
(87) International Publication No :WO 03/051388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DORIAN BEVEC
2)ROLF ZIESCHE

No of Pages : 76
No of Claims : 32

(57) Abstract :
The present invention relates to a novel pharmaceutical composition comprising interferon-yor pirfenidonc and a diagnostic array of candidate polvnucleotides for the improved treatment of lung diseases, especially for all forms of interstitial lung diseases. This invention describes the combination of molecular diagnosis and clinical therapy as a novel medication principle for reduction of mortality and improvement of disease management in interstitial lung diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2004
(21) Application No.1687/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "FUSED HETEROCYCLIC SUCCINIMIDE COMPOUNDS AND ANALOGS THEREOF, MODULATORS OF NUCLEAR HORMONE RECEPTOR FUNCTION"

(51) International classification :C07D 491/00
(31) Priority Document No :10/025,116
(32) Priority Date :19/12/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/40598
Filing Date :18/12/2002
(87) International Publication No :WI 03/062241
(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)JAMES AARON BALOG
3)DACIA A. PICKERING
4)SOREN GIESE
5)ABERRA FURA
6)WENYING LI
7)RAMESH N. PATEL
8)RONALD L. HANSON
9)TOOMAS MITI
10)JACQUES Y. ROBERGE
11)JAMES R. CORTE
12)STEVEN H. SPERGEL
13)RICHARD A. RAMPULLA
14)RAJ N. MISRA
15)HAI-YUN XIAO
16)HAI-YUN XIAO

No of Pages : 761
No of Claims : 26

(57) Abstract :
Fused cyclic compounds method of using such compounds in the treatment of nuclear hormone receptor-associated conditions such as cancer and immune disorders, and pharmaceutical compositions containing such compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2005
(21) Application No.1707/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PHASE-SEPARATED, NON-CRYSTALLINE OPAL GLASSES"

(51) International classification :C03C3/04
(31) Priority Document No :60/006,729
(32) Priority Date :14/11/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N.A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2481/DEL/1996
Filed on :13/11/1996

(71)**Name of Applicant :**
1)CORNING INCORPORATED
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(72)**Name of Inventor :**
1)JOHN LOUIS STEMPIN
2)DALE RICHARD WEXELL

No of Pages : 18
No of Claims : 4

(57) Abstract :
This invention is directed to the production of spontaneous essentially non-crystalline opal glasses exhibiting a very dense, milky-white appearance and excellent resistance to weathering and attack by alkaline detergents consisting essentially, expressed in weight percent on the oxide basis, of 1.9-3.6% K2O, 4.2-7.3% Na2O, 0.2-3% Li2O, 0-1.2% MgO, 0-4.9% CaO, 0-12.5% BaO, 0-0.1% NiO, 0.4-4% ZnO, 5.3-9.6% B203, 8.8-13.5% A12O3, 57.2-64.4% SiO2, and 1.0-2.2% F, where the sum of (MgO+CaO+BaO) is preferably in the range of 4.5-12.5%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2005
(21) Application No.1708/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A 100-400 DTEX TYRE CORD FABRIC WEFT YARN"

(51) International classification :D02G 1/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N.A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1061/DEL/1998
Filed on :24/04/1998

(71)**Name of Applicant :**
1)RHODIA FILTEC AG
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Switzerland
(72)**Name of Inventor :**
1)BURNO LANG
2)PAUL SCHAFFNER

No of Pages : 12
No of Claims : 3

(57) Abstract :
A 100-400 dtex tyre cord fabric weft yarn comprising a heat-protected nylon-6,6 multifilament, characterized in that the base yarn combines the following features: 80% extension SLASE of 6 cN/tex to 12 cN/tex ultimate tensile stress elongation of 150 to 300% tenacity > 14 cN/tex reversibility limit of 5 cN/tex to 10 cN/tex 160°C thermal shrinkage force of 0.15 cN/tex to 0.8 cN/tex 160°C free shrinkage

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2005

(21) Application No.1716/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR ESTIMATING INITIAL CHANNEL QUALITY IN A MULTIRATE SYSTEM"

(51) International classification :H04L 1/20
(31) Priority Document No :10/248,447
(32) Priority Date :21/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/000043
Filing Date :05/01/2004
(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)STEPHEN K. FORBES
2)PHILLIP MARC JOHNSON

No of Pages : 16
No of Claims : 15

(57) Abstract :
A method of estimating initial channel quality in a receiver when allocated a new channel in order to select an optimal codec mode in a multi-rate service is disclosed. One implementation initially fills the filter state with the first received channel quality measurement 320. Another embodiment proportionally fills the entire filter state with the calculated channel quality measurements 520. Yet another embodiment uses the hysteresls and threshold parameters in conjunction with the initial codec mode to calculate an initial fill value for the filter state.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2005
(21) Application No.1723/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A VIDEO DATA TRANSMITTING APPARATUS"

(51) International classification :H04N 7/08
(31) Priority Document No :P07-282144
(32) Priority Date :30/10/1995
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2333/DEL/1996
Filed on :28/10/1996

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAN EBISAWA

No of Pages : 49
No of Claims : 8

(57) Abstract :
The present invention relates to a video data receiving apparatus receiving video data, a video data transmitting apparatus transmitting video data broadcasting system distributing video data

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2005
(21) Application No.1724/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NONCIRCULAR POLYESTER FIBERS CONTAINING SILICONE AND/OR SILICONE COPOLYMERS HAVING IMPROVED CROSS-SECTIONAL SHAPE RETENTION AND A PROCESS TO ACHIEVE IMPROVED CROSS-SECTION SHAPE RETENTION"

(51) International classification :D01D 5/253
(31) Priority Document No :639/229
(32) Priority Date :29/04/1996
(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 :1017/DEL/1997
Filed on :21/04/1997

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2)BOBBY MAL PHILLIPS

No of Pages : 14
No of Claims : 10

(57) Abstract :
A melt extrusion composition made by combining about 99.9 to about 98.5 weight percent of at least one polyester and about 0.1 to about 1.5 weight percent additive provides for a polyester or copolyester non-circular cross—sectional fiber having at least four percent improved shape retention as compared to the same fiber made from a melt extrusion composition without the additive. The additive is present at the air—polymer interfacial surface during melt spinning. A method of making the fiber is also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2005
(21) Application No.1725/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR CONTROLLING SAME"

(51) International classification :F02D 41/06
(31) Priority Document No :10/284,180
(32) Priority Date :31/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/034753
Filing Date :31/10/2003
(87) International Publication No :WO 2004/042217
(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)PALMER, PETER
6)MELLO, JOHN, PAUL
7)SPRAGUE, STUART, BENNETT

No of Pages : 40
No of Claims : 22

(57) Abstract :
A fuel system for use in an internal combustion engine includes a plurality of fuel injectors, each injector including at least one capillary flow passage, the at least one capillary flow passage having an inlet end and an outlet end, a heat source arranged along the at least one capillary flow passage, the heat source operable to heat a liquid fuel in the at least one capillary flow passage to a level sufficient to convert at least a portion thereof from the liquid state to a vapor state, and a valve for metering fuel to the internal combustion engine, a controller to control the power supplied to the heat source of each of the plurality of fuel injectors to achieve a predetermined target temperature, a sensor for use in determining engine air flow and a sensor for measuring a value indicative of degree of engine warm-up of the internal combustion engine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2005
(21) Application No.1734/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AN ORIENTED POLYPROPYLENE FILM"

(51) International classification :C08F 4/646
(31) Priority Document No :60/004,561
(32) Priority Date :29/09/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :na
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2129/DEL/1996
Filed on :27/09/1996

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9)HELENE GASSEN LOLLIS
10)ROBERT ALAN REITH

No of Pages : 26
No of Claims : 6

(57) Abstract :
A propylene polymer made using a magnesium halide-supported, titanium-containing solid catalyst component having a broad processing window is produced by incorporating into the polymerization catalyst system a selected alkyl methyldimethoxysilane such as isobutylmethyldimethoxysilane. Useful articles made from such resin include OPP film.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2004
(21) Application No.1737/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR GAS PURIFICATION

(51) International classification :B01D 53/04
(31) Priority Document No :60/342,673
(32) Priority Date :20/12/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/40591
Filing Date :19/12/2002
(87) International Publication No :WO 03/053546
(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)GREGORY WILLIAM HENZLER,
4)JEFFERT JOHN NOWOBILSKI,

No of Pages : 39
No of Claims : 36

(57) Abstract :
This invention comprises an adsorption process for the removal of at least N¿2?O from a feed gas stream that also contains nitrogen and possibly CO¿2? and water. In the process the feed stream is passed over adsorbents to remove impurities such as CO2 and water, then over an additional adsorbent having a high N¿2?O/N¿2? separation factor. In a preferred mode the invention is an air prepurification process for the removal of impurities from air prior to cryogenic separation of air. An apparatus for operating the process is also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2005

(21) Application No.1767/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PISTON POSITION DRIFT CONTROL FOR FREE-PISTON DEVICE"

(51) International classification :F02F
(31) Priority Document No :10/298,566
(32) Priority Date :19/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036901
Filing Date :19/11/2003
(87) International Publication No :WO 2004/046532
(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)PHILIP S. SPOOR,

No of Pages : 17
No of Claims : 10

(57) Abstract :
A piston position drift control (110) for a free-piston device (112). The control includes a passage connecting internal volumes of the device, the passage (122) being substantially shorter than an acoustic wavelength of the device; and a check valve (124) in the passage for controlling fluid communication between the internal volumes, the check valve having an opening pressure not less than approximately 20% of a maximum pressure differential of the device at a maximum stroke. The control is passive, requires no active control once in service, provides low susceptibility to damage or fouling, and is amenable to adjustment or repair if needed. In addition, the control is small and inexpensive, and functions across the entire operational range of a free-piston device it supports. A related free-piston device including the piston position drift control is also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005
(21) Application No.1773/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PRODUCTION OF TITANIA"

(51) International classification :C22B 3/08
(31) Priority Document No :2002952157
(32) Priority Date :18/10/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2003/001384
Filing Date :17/10/2003
(87) International Publication No :WO 2004/035841
(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 : 38
No of Claims : 24

(57) Abstract :
A sulfate process for producing titania from a titaniferous material is disclosed. The process includes leaching the titaniferous material and producing a leach liquor, separating titanyl sulfate from leach liquor, hydrolysis of the extracted titanyl sulfate, and thereafter calcining the solid phase produced in the hydrolysis step. The process is characterised by multiple stage leaching of the titaniferous material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005
(21) Application No.1774/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PRODUCTION OF TITANIA"

(51) International classification :C22B 3/08
(31) Priority Document No :2002952155
(32) Priority Date :18/10/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2003/001385
Filing Date :17/10/2003
(87) International Publication No :WO 2004/035842
(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)GRAZIER, PHILIP, ERNEST
4)LIU, HOUYUAN

No of Pages : 39
No of Claims : 29

(57) Abstract :
A sulfate process for producing titania from a titaniferous material is disclosed. The process includes leaching the titaniferous material and producing a leach liquor, separating titanyl sulfate from leach liquor, hydrolysis of the extracted titanyl sulfate, and thereafter calcining the solid phase produced in the hydrolysis step. The process is characterised by controlling the hydrolysis step and forming a selected particle size distribution of hydrated titanium oxides from titanlyl sulfate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2005

(21) Application No.1776/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PRODUCTION OF TITANIA"

(51) International classification :C22B 3/08
(31) Priority Document No :2002952158
(32) Priority Date :18/10/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2003/001386
Filing Date :17/10/2003
(87) International Publication No :WO 2004/035843
(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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4)LIU, HOUYUAN

No of Pages : 38
No of Claims : 20

(57) Abstract :
A sulfate process for producing titania from a titaniferous material is disclosed. The process includes leaching the titaniferous material and producing a leach liquor, precipitating iron sulfate from the leach liquor, solvent extraction of titanyl sulfate from leach liquor, hydrolysis of the extracted titanyl sulfate, and thereafter calcining the solid phase produced in the hydrolysis step. The process is characterised by using at least part of the raffinate from the solvent extraction step as at least part of the leach solution in the initial leach step.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2005
(21) Application No.1783/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A COMMUNICATION SYSTEM FOR RECEIVING/TRANSMITTING DIGITAL DATA"

(51) International classification :A63F 13/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :650/DEL/1998
Filed on :16/03/1998

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAN EBISAWA

No of Pages : 73
No of Claims : 17

(57) Abstract :
This game machine system includes a set top box 51 as a receiving unit for receiving digital data distributed using a broadcast system or a communication system. In a game dedicated device 52, starting of a game software item is inhibited until a software start enable signal is received by the receiving unit. Next to the software start enable signal, data for substitution or insertion for data of part of the game software is sent. This data can be commercial ads. The game dedicated machine 52 can judge whether or not the commercial ads have been introduced into and are in operation in the game software and, if the 'commercial ads are not in the game software, the game dedicated machine 52 can be made so as to be out of operation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2005
(21) Application No.1860/DEL/2005 A
(43) Publication Date : 25/05/2007

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

(51) International classification :C07B 33/00
(31) Priority Document No :97 09890
(32) Priority Date :01/08/1997
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2234/DEL/1998
Filed on :30/07/1998

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No of Pages : 36
No of Claims : 9

(57) Abstract :
The present invention relates to a process for the controlled oxidation of electron-depleted substrates, in the presence of a catalyst whose active phase is obtained from one or more heteropolyacids. It more particularly concerns the controlled oxidation of a substrate having a methylene to which an electron-withdrawing group or functional group is attached

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.1867/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "VIVO STAIN COMPOSITION, PROCESS OF MANUFACTURE, AND METHODS OF USE TO IDENTIFY DYSPLASTIC TISSUE"

(51) International classification :A61K 31/54
(31) Priority Document No :09/110,788
(32) Priority Date :06/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3727/DEL/1998
Filed on :11/12/1998

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No of Pages : 53
No of Claims : 14

(57) Abstract :
The N-demethylation and N,N-demethylation derivatives of the two conformational isomers toluidine blue O ("TBO") have been synthesized, isolated and identified. An in vivo biological stain composition includes the conformational isomers of TBO and these N- and N,N-demethylation derivatives. The ratio of these isomers to these demethylation derivatives is at least 6:1. An improved method for detecting dysplastic oral tissue includes application of such TBO products, in a liquid carrier, to oral tissue. A process for preparing TBO products includes (1) oxidizing N,N-dimethyl-p-phenylenediamine to form an intermediate 2-amino-5-dimethylaminophenyl thiosulfonic acid, (2) oxidizing this intermediate and condensing the oxidizate with o-toluidine, forming indamine thiosulfonic acid and (3) further oxidizing the indamine intermediate to form a TBO-containing reaction product, which is precipitated from the reaction mixture as a complex, from which the final TBO product is separated-. The complexing agent is added to the reaction mixture at least before the final oxidation stop, preferably before the second oxidation step. An HPLC method for characterizing TBO products

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.1877/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A CATALYST FOR USE IN THE PRODUCTION OF VINYL ACETATE"

(51) International classification :B01J
(31) Priority Document No :9810928.3
(32) Priority Date :22/05/1998
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :752/DEL/1999
Filed on :18/05/1999

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No of Pages : 9
No of Claims : 11

(57) Abstract :
The present invention relates to a process for the production of vinyl acetate and to a novel catalyst for use in the process. Vinyl acetate is generally prepared commercially by contacting acetic acid and ethylene with molecular oxygen in the presence of a catalyst active for the production of vinyl acetate

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2004
(21) Application No.1889/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHODS FOR PARTICLE−ASSISTED POLYNUCLEOTIDE IMMUNIZATION USING A PULSED ELECTRIC FIELD"

(51) International classification :A61K 39/00
(31) Priority Document No :60/340,784
(32) Priority Date :14/12/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/40467
Filing Date :16/12/2002
(87) International Publication No :WO 03/051454
(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)WIDERA, GEORG
3)RABUSSAY, DIETMAR, P.

No of Pages : 41
No of Claims : 49

(57) Abstract :
Methods are provided for enhancing an immune response induced by administration of a DNA vaccine. In the invention methods a DNA vaccine encoding an antigen and non−chemically associated adjuvant particles are injected into muscle, dermal or mucosal tissue of a subject at substantially the same time and the tissue is subjected to a pulsed electric field of sufficient strength to result in the DNA vaccine entering cells of the target tissue. The immune response to the antigen is enhanced as compared to when the DNA vaccine is administered alone or in combination with either of the electric pulses or the adjuvant particles without the other.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2004
(21) Application No.1927/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : REFRACTORY METAL AND ALLOY REFINING BY LASER FORMING AND MELTING

(51) International classification :C23C26/00
(31) Priority Document No :60/351,555
(32) Priority Date :24/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/01825
Filing Date :22/01/2003
(87) International Publication No :WO 03/062491 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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2)PRABHAT KUMAR
3)PETER R. JEPSON

No of Pages : 14
No of Claims : 14

(57) Abstract :
A process to chemically refine and consolidate tantalum, niobium and their alloys to a fabricated product of net shape or near-net shape with higher throughput, more consistency, and lower manufacturing costs compared to prior art routes or rejuvenate damaged and deteriorated refractory metal parts. Powder metal is loaded into hoppers to be fed into laser forming/melting equipment. A suitable substrate is loaded into a laser forming/melting chamber onto which the powder will be deposited and consolidated in a point-scan process. As the powder is fed onto successive points of the surface of the substrate in linear traces, the laser is used to heat and partially melt the substrate and completely melt the powder. A combined deposition and melt beam traces the substrate surface repeatedly over a selected area to build up a dense coating of controlled microstructure in multiple layers. A fully dense deposit is built up that becomes the desired shape.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2004
(21) Application No.1935/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "STABILIZED SYNTHETIC IMMUNOGEN DELIVERY SYSTEM"

(51) International classification :A61K
(31) Priority Document No :10/076,674
(32) Priority Date :14/02/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/04711
Filing Date :14/02/2003
(87) International Publication No :WO 03/068169
(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 : 131
No of Claims : 84

(57) Abstract :
The present invention provides an immunostimulatory complex specifically adapted to act as adjuvant and as a pep-tide immunogen stabilizer. The immunostimulatory complex comprises a CpG oligonucleotide and a biologically active peptide immunogen. The immunoslimulatory complex is particulate and can efficiently present peptide immunogens to the cells of the immune system to produce an immune response. The immunostimulatory complex may be formulated as a suspension for parenteral administration. The immunostimulatory complex may also be formulated in the form of w/o-emulsions, as a suspension in combination with a mineral salt suspension or with an in-situ gelling polymer lor the efficient delivery of an immunogen to the cells of the immune system of a subject following parenteral administration, to produce an immune response which may also be a protective immune response.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2004
(21) Application No.1942/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "INTRA-DECODER COMPONENT BLOCK MESSAGING"

(51) International classification :G11B 20/18
(31) Priority Document No :10/055,114
(32) Priority Date :23/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/001913
Filing Date :22/01/2003
(87) International Publication No :WO/2003/063363
(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)VELEZ, DIDIER

No of Pages : 28
No of Claims : 20

(57) Abstract :
A decoder and decoding method are described, in which a syndrome is calculated from a codeword in a syndrome generator (410), an error polynomial is generated based upon the syndrome in an error polynomial generator (420), an error location is determined from the error polynomial in the error location generator (430), an error magnitude is calculated from the error polynomial in the error magnitude generator (440) and the codeword is corrected by a error corrected codeword generator (450) responsive to location and error magnitude. An intra?decoder block messaging scheme is described in which one or more components (410, 420, 430, 440, 450) generate inactivity messages (640, 650) to signal an ability to process data corresponding to a next codeword. A dual Chien search block (930, 940) implementation is described in which Chien block (930) is used to determine the number of errors corresponding to a specified codeword, separately from error location and magnitude calculations performed by the Chien/Forney block (940). An enhanced Chien search cell architecture is described which utilizes an additional Galois field adder (1140) to synchronize the codeword and error vector, thereby decreasing delay and expense corresponding to an error correcting block (950) implemented with a LIFO register (952).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2004
(21) Application No.1962/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RADIATION–CURED, LAMINATED FLEXIBLE PACKAGING MATERIAL, AND RADIATION–CURABLE, ADHESIVE COMPOSITION"

(51) International classification :C09J 4/00
(31) Priority Document No :60/439,429
(32) Priority Date :22/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/001488
Filing Date :21/01/2003
(87) International Publication No :WO 2003/062339
(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)STEPHEN C. LAPIN,
3)PAUL EUGENE JR. SNOWWHITE,

No of Pages : 37
No of Claims : 97

(57) Abstract :
Provided are laminated flexible packaging materials (20) suitable for containing a pharmaceutical, food or beverage grade product. The laminated flexible packaging material includes a layer of flexible packaging material (26) bound to at least one other layer of flexible packaging material (22) by a radiation–cured laminating adhesive composition (24) formulated from a radiation–curable laminating adhesive containing at least 50% of one or more radiation–curable, carboxylic acid functional monomers and 0.1 to 20% of an organic titanate compound. Also provided is a radiation–curable laminating adhesive containing at least 50% of one or more radiation–curable, carboxylic acid functional monomers and 0.1 to 20% of an organic titanate compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2005
(21) Application No.1967/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ELASTOMERIC PROPYLENE POLYMERS"

(51) International classification :C08F 4/42
(31) Priority Document No :60/067,781
(32) Priority Date :10/12/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3670/DEL/98
Filed on :04/12/1998

(71)**Name of Applicant :**
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2)ARMENAG HAGOP DEKMEZIAN
3)ERIC JOHN MARKEL
4)DAVID L. PETERS

No of Pages : 29
No of Claims : 15

(57) Abstract :
A thermoplastic elastomer is provided comprising a branched olefin polymer having crystalline sidechains and an amorphous backbone wherein at least 90 mole percent of the sidechains are isotactic or syndiotactic polypropylene and at least 80 mole percent of the backbone is atactic polypropylene. Additionally, a process is provided for producing a thermoplastic elastomer composition comprising: a) contacting, in solution, at a temperature from 90°C to 120°C, propylene monomers with a catalyst composition comprising a chiral, stereorigid transition metal catalyst compound capable of producing isotactic or syndiotactic polypropylene; b) copolymerizing the product of a) with propylene and, optionally, one or more copolymerizable monomers, in a polymerization reactor using an achiral transition metal catalyst capable of producing atactic polypropylene; and c) recovering a branched olefin polymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2004
(21) Application No.1969/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "VITAMIN D ANALOGUES"

(51) International classification :C07C 43/23
(31) Priority Document No :01/15924
(32) Priority Date :10/12/2001
(33) Name of priority country :France
(86) International Application No :PCT/FR02/04216
Filing Date :06/12/2002
(87) International Publication No :WO 03/050067
(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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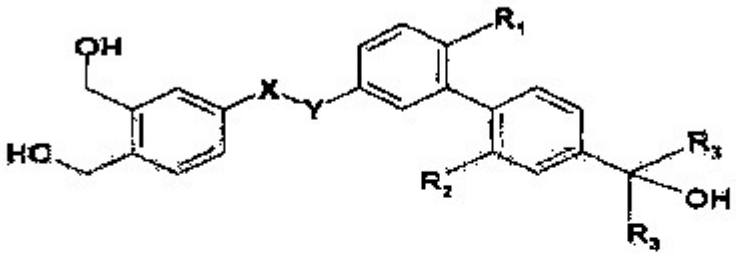
2)THIBAUD BIADATTI

No of Pages : 47
No of Claims : 17

(57) Abstract :
The invention concerns tri-aromatic compounds, vitamin D analogues, of general formula (I) as novel and useful industrial products, and their preparation method as well as their use in pharmaceutical compositions for use in human or velerinary medicine, or in cosmetic compositions.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2005
(21) Application No.1989/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "OFFSET CLASP FOR EYEGLASSES"

(51) International classification :G02C 5/08
(31) Priority Document No :10/301,232
(32) Priority Date :21/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/037447
Filing Date :21/11/2003
(87) International Publication No :WO 2004/049040
(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)DIETZ, DAN L.

No of Pages : 15
No of Claims : 17

(57) Abstract :
An eyeglasses clasp for maintaining eyeglasses on a clothing material. The clasp comprises at least one magnetic means engaged with the eyeglasses temple bars that align with each other but not with the eyeglasses frame body midpoint when the temple bars are closed. The magnets are in attractive magnetic communication when the temple bars are closed. The clasp is used by pivoting one of the temple bars into the closed position. The frame body and closed temple bar are then positioned on one side of a clothing material. The second temple bar is then pivoted into the closed position such that it is on the other side of the cloting material. With the temple bars closed, the magnets are in attractive magnetic communication and impart a gripping force on the article of clothing. The gripping force substantially prevents relative movement between the temple bars and the clothing material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2004
(21) Application No.1993/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ORAL PHARMACEUTICAL COMPOSITION FOR SOFT CAPSULES CONTAINING VINORELBINE AND METHOD OF TREATMENT"

(51) International classification :A61K
(31) Priority Document No :10/161,454
(32) Priority Date :31/05/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/16732
Filing Date :28/05/2003
(87) International Publication No :WO 03/101383
(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)ELIE LEVERD
3)MARIE-MADELEINE BOHN
4)NORBERT HEINTZ

No of Pages : 22
No of Claims : 13

(57) Abstract :
The invention described herein relates to a pharmaceutical composition containing vinorelbine as an active ingredient which is suitable for encapsulation in soft capsules. The liquid oral pharmaceutical composition suitable fora liquid fill composition for a soft capsule dosage form comprises: vinorelbine or a pharmaceutically acceptable salt thereof; ethanol; water; glycerol; and polyethylene glycol. In preferred embodiment, the lartrate salt form of vinorelbine is used in the composition. The invention also provides for a method of treating cancer comprising orally administering, to a patient in need of treatment thereof, a soft capsule comprising the pharmaceutical composition of the invention.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2005

(21) Application No.1997/DEL/2005 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : "SPOUT ASSEMBLY, SPOUT ASSEMBLY MANUFACTURING APPARTUS AND PACKAGE WITH SPOUT ASSEMBLY"

(51) International classification : B65D
(31) Priority Document No :236567/1995
(32) Priority Date :14/09/1995
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2011/DEL/96
Filed on :13/09/1996

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(72)**Name of Inventor :**
1)HIROSHI UEMATSU

No of Pages : 35

No of Claims : 2

(57) Abstract :
A spout assembly manufacturing apparatus comprising: an injection mold (40) for integrally forming a spout assembly having a spout (10) having an outer tube (13), and a cap (20) provided with a top plate (25) reparably connected to the extremity of the outer tube (13) of the spout (10) by molding a resin; and a core (41) for forming hollows in the spout (10) and the cap (20); wherein the core (41) has a tapered upper end portion (41 a) tapering toward the top plate (25), and the resin is injected into the injection mold (40) toward the upper end portion (41 a) of the core (41); wherein the injection mold (40) is formed such as to mold the cap (20) with a circumferential circular protrusion (26a, 29) which can slidably come into contact with an inner circumference of the outer tube (13) of the spout (10) when the cap (20) is pushed into the outer tube (13) to seal the spout (10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2004
(21) Application No.2014/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "POLYMORPHS OF SODIUM 4-[(4-CHLORO-2-HYDROXYBENZOYL) AMINO] BUTANOATE";

(51) International classification :C07C
(31) Priority Document No :60/347,610
(32) Priority Date :09/01/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/00878
Filing Date :09/01/2003
(87) International Publication No :WO 03/057650
(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)BHANDARKAR, SATEJ
2)MAJURU, SHINGAI
3)LEUCHYK, HALINA

No of Pages : 53
No of Claims : 39

(57) Abstract :
The present invention relates to amorphous and polymorphic forms of sodium 4-[(4-chloro-2-hydroxybenzoyl)amino] butanoate and their use for facilitating the delivery of active agents, such as insulin, to a target.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2005
(21) Application No.202/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COLD STORAGE

(51) International classification	:F25D 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MANOJ KUMAR UPADHYAY

No of Pages : 14
No of Claims : 8

(57) Abstract :
The invention relates to a cold storage system comprising a stationery unit and a transportable unit wherein the said stationery unit is an insulated housing with puffed thermal insulation material forming a storage chamber having an opening, and is provided with a door to open and close said storage chamber at the front side, an air curtain provided above the door to prevent in filtration of dust, , three transparent see-through curtains provided next to the said door such that the middle curtain is parallel to the said door and the other two curtains are connected to each end of the middle curtain opposing each other and parallel to side walls dividing the housing into three portions, plurality of panels of HDPE inside covering the upper side of the storage chamber; a cold room controller and plurality of cooling units and a line conditioner unit

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2005
(21) Application No.2034/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "LEATHER DRESSING AGENT"

(51) International classification :C08L
(31) Priority Document No :196 36 494.9
(32) Priority Date :09/09/1996
(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 :2543/DEL/1997
Filed on :08/09/1997

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2)THOMAS MULLER
3)REINMAR PEPPMOLLER
4)NORBERT BEHLAU

No of Pages : 16
No of Claims : 11

(57) Abstract :
Leather dressing agents', particularly for car upholstery leather, which may be obtained by A) polymerization of al) 73-100 wt,-% acrylic acid and/or methacrylic acid aad/or the acid chlorides and/or anhydrides thereof with a2) 0-30 wt.-% of other water-soluble monomers co-polymerizable with al } , and a3) 0-20 wt.-% of water-insoluble monomers copolymer-izable with al) and a2) , B) reaction of the polymerizate from A) with amines of formula 1 wherein R^ represents a Ci2~c30 alykl °r alkenyl residue, and R2 represents H, a C1-C2 alkyl or C1-C2, hydroxyalkyl residue, optionally C) reaction of the amines not bound to the polymer- izate from A) with (meth) acrylic acid to give H-sub- stituted /S-aitiinopropionic acids and optionally, acyl- ation of the amines not bound to the product A), or the N-substituted aminopropionic acids formed, D) neutralization and dispersion of the product obtained from B) and C), respectively.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2005
(21) Application No.2035/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A DISPERSANT OF GENERAL FORMULA 1"

(51) International classification :C08L 79/00
(31) Priority Document No :9622783.0
(32) Priority Date :01/11/1996
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2897/DEL/97
Filed on :09/10/1997

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(72)**Name of Inventor :**
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2)DEAN THETFORD

No of Pages : 44
No of Claims : 35

(57) Abstract :
This invention relates to a new class of dispersants, to dispersions containing such dispersants together with a particulate-solid and an organic medium, to millbases and the use of such dispersions and millbases in paints and printing inks.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2004
(21) Application No.2035/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A PLECTRUM"

(51) International classification :G10D 3/16
(31) Priority Document No :SG01/00258
(32) Priority Date :21/12/2001
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG01/00258
Filing Date :21/12/2001
(87) International Publication No :WO 03/054851
(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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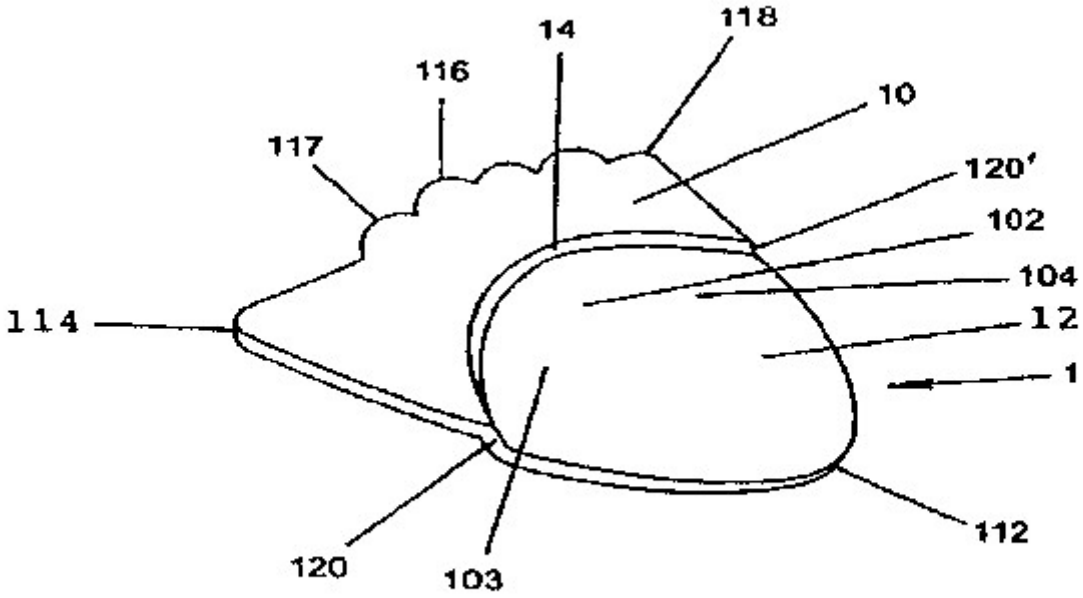
No of Pages : 12
No of Claims : 21

(57) Abstract :
The present invention relates to a plectrum (1) having two portions (10, 12) being offset transversely but connected integrally by a stepped member (14). One portion (12) may have a tear-drop shaped playing edge (112), while the other portion may have a pointed edge (114) at one corner and another short pointed edge (118) at the second corner. A scallop playing edge (116) is typically joined to the short pointed edge (118). The stepped edge (14) is preferably in the shape of an arc. Other embodiments of the present invention include a plectrum (la, lb, Ic, Id) having a planar body (20) with a tear-drop shaped playing edge (112a, 112b, 112c, 112d), a pointed playing edge (114a, 114b, 114c, 114d) and a short pointed edge (118a, 118b, 118c, 118d). A scallop shaped edge (116a, 116b, 116c, 116d) may be joined to the short playing edge (118). On the faces of the plectrum is preferably a ridge (201), a groove (202) or a combination of a ridge (201) and a groove (202) on the same or opposed face. The ridge or groove is optionally disposed across the centre of the plectrum and is in the form of an arc. The curved stepped edge (14) or the edges of the curved ridge (201) or groove (202) seek to provide a positive grip on the plectrum. The curved edges are also formed to fit comfortably with the curve of the user's thumb or finger.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2004
(21) Application No.2037/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AN AGENT FOR SUPPRESSING TRANSFER OF ODOR AND TASTE ORIGINATING FROM A DIACETAL, A DIACETAL COMPOSITION COMPRISING THE AGENT FOR SUPPRESSING TRANSFER OF ODOR AND TASTE, A POLYOLEFIN NUCLEATING AGENT COMPRISING THE COMPOSITION, A POLYOLEFIN RESIN COMPOSITION AND A MOLDED PRODUCT COMPRISING THE NUCLEATING AGENT"

(51) International classification :C08K 5/1575
(31) Priority Document No :2002-130873
(32) Priority Date :02/05/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/05424
Filing Date :28/04/2003
(87) International Publication No :WO 03/093360
(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)CHIAKI UEOKA

No of Pages : 94
No of Claims : 24

(57) Abstract :
Disclosed are an agent for suppressing transfer of odor and taste originating from a diacetal such as dibenzylidene sorbitol, comprising (B) an aliphatic alcohol or an aliphatic carboxylic acid containing at least one hydroxyl group, or comprising component (B) and (C) at least one member selected from the group consisting of specific sulfuric ester salts, saturated or unsaturated fatty acid alkali metal salts and aliphatic amines; a diacetal composition comprising the suppressing agent and the diacetal; a resin composition and a molded product comprising the diacetal composition and a polyolefin resin; and a method for suppressing transfer of odor and taste originating from the diacetal, or a method for suppressing aldehyde generation by thermal decomposition of the diacetal, comprising using the suppressing agent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2005

(21) Application No.2039/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DIAMOND TOOL INSERTS PRE-FIXED WITH BRAZE ALLOYS AND METHODS TO MANUFACTURE THEREOF"

(51) International classification :B24D
(31) Priority Document No :60/445,613
(32) Priority Date :07/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/002398
Filing Date :27/01/2004
(87) International Publication No :WO 2004/071710
(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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6)FALKENBERG YORK
7)HEINEMANN DIRK

No of Pages : 14
No of Claims : 18

(57) Abstract :
A superabrasive tool blank whose carbide side is affixed with a suitable braze alloy, for subsequent shaping into desired tool geometry and induction-brazed forming a cutting tool. The use of the pre-coated braze alloy in the tool blank forming cutting tools allows the direct brazing of the superabrasive blank onto a tool insert, thus minimizing operations and labor time involved for the shaping and handling of the braze substrate in the process of the prior art, i.e., the brazing of the assembly of the superabrasive tool blank, braze alloy, and tool insert. The pre-brazed blank can be conveniently used in automated brazing operations for forming cutting tools.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2005
(21) Application No.2041/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STABLE STERILE FILTERABLE LIPOSOMAL ENCAPSULATED TAXANE AND OTHER ANTINEOPLASTIC DRUGS

(51) International classification :A61K 9/127
(31) Priority Document No :60/444,958
(32) Priority Date :03/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003157
Filing Date :03/02/2004
(87) International Publication No :WO 2004/069224
(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)MA, LAN
4)ANYARAMBHATLA GOPAL
5)AHMAD IMRAN

No of Pages : 30
No of Claims : 40

(57) Abstract :
The invention provides a formulation of one or more antineoplastic drugs encapsulated in liposomes including at least a lipid fraction in addition to the antineoplastic drug, wherein the composition is stable in an aqueous solution at room temperature.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2005
(21) Application No.2043/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "CONCRETE REINFORCED WITH METAL FIBRES, ITS CEMENTITOUS MATRIX AND PREMIXES"

(51) International classification :C04B 28/02
(31) Priority Document No :97 14928
(32) Priority Date :27/11/1997
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3581/DEL/1998
Filed on :27/11/1998

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2)JEROME DUGAT
3)BERNARD CLAVAUD
4)GILLES ORANGE
5)LAURENT FROUIN

No of Pages : 37
No of Claims : 39

(57) Abstract :
Concrete consisting of a hardened cementitious matrix in which metal fibres are dispersed, obtained by mixing, with water, a composition which comprises, apart from the fibres; (a) cement; (b)aggregate particles having a maximum particle size Dmax of at most 2 mm, preferably at most 1 mm; (c)pozzolanic-reaction particles having an elementary particle size of at most 1 µm, preferably at most 0.5 µm; (d)constituents capable of improving the toughness of the matrix, these being chosen from acicular or flaky particles having an average size of at most 1 mm and present in a proportion by volume of between 2.5 and 35% of the combined volume of the aggregate particles (b) and of the pozzolanic-reaction particles (c); (e)at least one dispersing agent; and satisfying the following conditions: (1)the percentage by weight of water W with respect to the combined weight of the cement (a) and of the particles (c) is in the range 8 - 24%; (2)the fibres have an individual length 1 of at least 2 mm and an 1/d ratio of at least 20, d being the diameter of the fibres; (3)the ratio R of the average length L of the fibres to the maximum particle size Dmax of the aggregate particles is at least 10; (4)the amount of fibres is such that their volume is less than 4% and preferably less than 3.5% of the volume of the concrete after it has set.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2005
(21) Application No.2044/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A RAZOR BLADE ASSEMBLY"

(51) International classification :B26B 21/32
(31) Priority Document No :08/854573
(32) Priority Date :12/05/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1139/DEL/1998
Filed on :29/04/1998

(71)**Name of Applicant :**
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2)WILLIAM CARSON, III
3)DOUGLAS R. KOHRING

No of Pages : 14
No of Claims : 13

(57) Abstract :
The present invention relates to a razor blade structure and more particularly to a guard to be employed in combination with a blade or blades in a razor or razor cartridge.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2004
(21) Application No.2102/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "2-FURANCARBOXYLIC ACID HYDRAZIDE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME"

(51) International classification :C77D 307/68
(31) Priority Document No :2002-26012
(32) Priority Date :01/02/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/00871
Filing Date :30/01/2003
(87) International Publication No :WO 03/064404
(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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4)MAKOTO MURATA
5)KEIJI NAKAMURA
6)TAKASHI NUKUDA
7)TAKAFUMI MATSUMOTO
8)KIYOMI IMANO

No of Pages : 216
No of Claims : 14

(57) Abstract :
The present invention provides 2-furancarboxylic acid hydrazide compounds represented by General Formula (I) below, and prodrugs, physiologically acceptable salts, hydrates, solvates thereof, methods for producing them and pharmaceutical compositions containing them: (Formula Removed)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2004

(21) Application No.2103/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DYNAMIC FREQUENCY SPECTRUM RE-ALLOCATION"

(51) International classification :H04Q 7/36
(31) Priority Document No :02722136.5
(32) Priority Date :25/02/2002
(33) Name of priority country :EPO
(86) International Application No :PCT/EP02/01973
Filing Date :25/02/2002
(87) International Publication No :WO 03/071823
(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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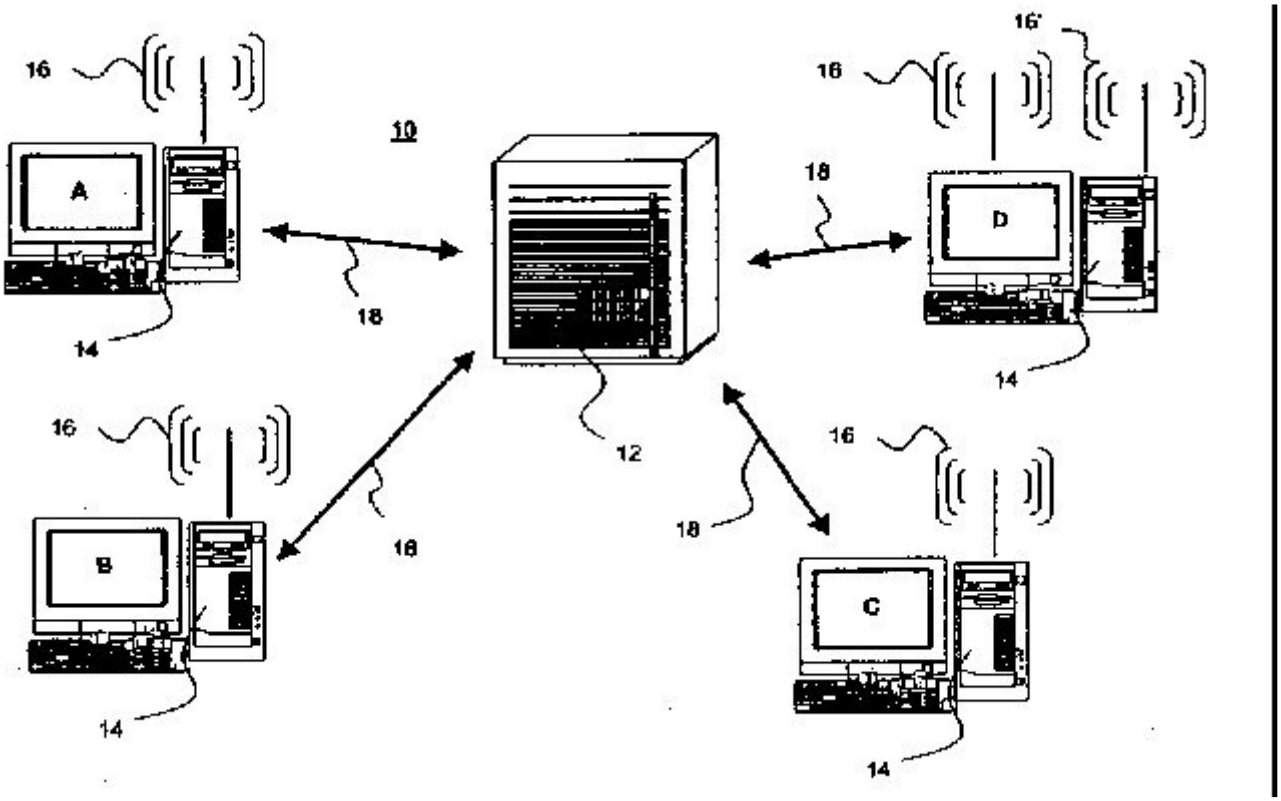
No of Pages : 23
No of Claims : 20

(57) Abstract :
A method of dynamically re-allocating a frequency spectrum to a plurality of radio networks (RNs; 16) in accordance with a predefined spectrum allocation scheme is described. A spectrum resource is previously allocated to each RN (16) or group of RNs (16, 16'). An electronic spectrum request for a RN (16) or a group of RNs (16, 16') is generated and transmitted via a communications network (18) to a server infrastructure (12) which also receives electronic spectrum requests for other RNs (16), the server infrastructure (12) processing the received electronic spectrum requests in accordance with the spectrum re-allocation scheme to re-allocate the spectrum resources to the plurality of RNs (16).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2004
(21) Application No.2104/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CONNECTING ENTITIES WITH GENERAL FUNCTIONALITY IN ASPECT PATTERNS

(51) International classification :G06F9/44
(31) Priority Document No :60/335,808
(32) Priority Date :13/02/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/004391
Filing Date :13/02/2003
(87) International Publication No :WO 2003/069468
(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)MORTEN NIELSEN

No of Pages : 87
No of Claims : 29

(57) Abstract :
A task oriented user interface (208) increases ease of use of the system because the user is guided through the system. The tasks resemble how the user thinks he/she should do the job. This aids and assists the user in doing the job.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2005
(21) Application No.2115/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "SESSION-RETURN ENABLING STATEFUL WEB APPLICATIONS"

(51) International classification :G06F 17/30
(31) Priority Document No :60/430,503
(32) Priority Date :02/12/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2003/006400
Filing Date :02/12/2003
(87) International Publication No :WO 2004/068367
(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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4)BERNHARD DRITTLER
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No of Pages : 26
No of Claims : 20

(57) Abstract :
Mechanisms for allowing allow multi-session capability and session-return enabling stateful web applications include providing a start URL of a requested portal page with an "External Session ID" (ESID), The ESID is an argument that is different between the two instances of the application (on the same page), and leads to different / independent sessions in the server. When a user returns to the same page, the ESIDs are passed again with the individual application requests, and the server can then logically reconnect to the proper session and allow the user to continue. The ESID can be used to return to an application after the user has previously left to go to another application and then desires to come back, or -even when the user closed the browser and restarts the application later.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2005
(21) Application No.2122/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AN ALLOY SHEET"

(51) International classification :C22C 21/06
(31) Priority Document No :60/042,689
(32) Priority Date :04/04/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :878/DEL/98
Filed on :03/04/1998

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2)LUC MONTGRAIN
3)DANIEL PULLIAM
4)SADASHIV NADKARNI

No of Pages : 15
No of Claims : 6

(57) Abstract :
This invention concerns an alloy sheet having a thickness of less than 0.0254 cm (0.01 inches), characterized in that said sheet results from a continuous strip casting process and contains 0.2%-0.5% Si, 0.4%-0.8% Fe, 0.1%-0.3% Cu, and 0.1%-0.3% Mn by weight, with the balance aluminum and incidental impurities, having a yield strength of at least 68.9 Mpa (10 ksi) in the fully annealed condition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2005
(21) Application No.2262/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD FOR PRODUCING OF ALKYL ESTERS"

(51) International classification :C07C 67/08
(31) Priority Document No :PCT/AU2002/001594
(32) Priority Date :27/11/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2002/001594
Filing Date :27/11/2002
(87) International Publication No :WO 2004/048311
(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 : 11
No of Claims : 13

(57) Abstract :
A method for production of alkyl esters from a mixture of glycerides and free fatty acids, originating primarily from grease trap waste, is provided. The mixture is first solvaled in a low boiling point alcohol and then the pH of the solution is adjusted to about 1 to 2 by addition of an acid to effect acid-catalysed alkyl esteriflcation. The acidic solution is then treated with a concentrated alkoxide solution to raise the pH of the solution about pH12 to effect base-catalysed transesterification of glycerides contained in the mixture. The resulting solution is then treated with an acid to decrease the pH of the solution to about 2 to effect acid-catalysed esterification of residual saponified by-products. The alcohol solvent is removed by distillation or other suitable techniques and the resulting alkyl esters are separated from any remaining residues and neutralised of residual acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2005
(21) Application No.2316/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "POLYMERISATION CATALYSTS"

(51) International classification :C08F 210/16
(31) Priority Document No :9718775.1
(32) Priority Date :05/09/1997
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2624/DEL/1998
Filed on :03/09/1998

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5)GREGORY ADAM SOLAN

No of Pages : 66
No of Claims : 18

(57) Abstract :
The present invention relates to transition metal-based polymerisation catalysts and to their use in the polymerisation and copolymerisation of olefins. The use of certain transition metal compounds to polymerise 1-olefins, for example, ethylene, is well established in the prior art

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2007
(21) Application No.2323/DELNP/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : POWER SUPPLY APPARATUS WITH OVERLOAD PROTECTION

(51) International classification :H02H 3/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/014895
Filing Date :28/09/2004
(87) International Publication No :WO 2006/034730
(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)JOOS, ULI
6)SCHNELL, JOSEF

No of Pages : 13
No of Claims : 4

(57) Abstract :
Power supply apparatus with overload protection comprising a switch (1) responsive to an input signal (6) for switching between an ON-state for supplying current from a source of power to a load (4) and an OFF-state for interrupting the supply of current to the load, and protection means (5, 7, 8) responsive to an overload condition to switch the switch to the OFF-state. The protection means (5, 7, 8) is responsive to a first overload condition (OCHI, OVT) during an initial phase (10) after the switch (1) switches to the ON-state so as to switch the switch back to the OFF-state and maintain the switch in the OFF-state. The protection means is subsequently responsive to a second overload condition (OCLO) if the first overload condition is not detected during the initial phase so as to switch the switch to the OFF-state and subsequently switch the switch back to the ON-state after an interval of time. The protection means is responsive to the current exceeding a first threshold value in detecting the first overload condition (OCHI), and is responsive to the current exceeding a second threshold value in detecting the second overload condition (OCLO), the second threshold value being lower than the first threshold value. The protection means is responsive to a temperature of the switch means exceeding a temperature threshold value in detecting at least the first overload condition (OVT).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2007
(21) Application No.2324/DELNP/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF OPTICAL MARK IN LABEL PRINTING AND LABLE DISPENSING

(51) International classification :G06K 19/077
(31) Priority Document No :60/613,584
(32) Priority Date :27/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/034523
Filing Date :27/09/2005
(87) International Publication No :WO 2006/036933
(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 : 45
No of Claims : 29

(57) Abstract :
An RFID labei assembly and method of manufacturing the same. In one embodiment, the manufacturing method comprises the steps of (a) providing an RFID labei assembly, the RFID labei assembly comprising a common web, the common web having a top surface and a bottom surface, a plurality of RFID labels spaced apart from one another and releasably mounted on top of the common web, at least some of the RFID labels being defective and at least some of the RFID labels not being defective, and an eye mark printed on the bottom surface of the common web for each of the RFID labels, each eye mark having a length corresponding to the length of its corresponding RFID labei; (b) testing each of the RFID labels for the purpose of detecting defective RFID labels; and (c) removing from the common web all RFID labels found in step (b) to be defective.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2007
(21) Application No.2416/DELNP/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "USE OF FLOW-CYTROMETRIC ANALYSIS TO OPTIMIZE CELL BANKING STRATEGIES FOR CHO CELLS"

(51) International classification :A01N 1/02
(31) Priority Document No :04026673.6
(32) Priority Date :10/11/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/055784
Filing Date :07/11/2005
(87) International Publication No :WO 2006/051065
(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 : 26
No of Claims : 10

(57) Abstract :
Production of biopharmaceuticals from CHO cells requires generation of master-, working- and post-production cell banks of high quality, partly under GMP conditions. An optimal cryopreservation strategy is needed for each new production cell line, particularly with regard to the desire to establish production processes that are completely devoid of serum or even any animal components and to ensure robust thaw performance for reliable production. Here we describe a novel strategy employing flow cytometric (FC) analysis of Annexin V-stained cells for high-throughput characterization of CHO cell banks. Our data show that this method enables evaluation of a cryopreservation procedure just 6h after thaw.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2005
(21) Application No.2419/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FIREARM MAGAZINE WITH STATUS INDICATOR

(51) International classification :F41A 9/25
(31) Priority Document No :153465
(32) Priority Date :16/12/2002
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2003/000933
Filing Date :09/11/2003
(87) International Publication No :WO 2004/055465
(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 : 11
No of Claims : 32

(57) Abstract :
A firearm magazine with loading status indicator, the magazine comprising:a housing (1) for storing bullets in a stacked configuration, with an opening (6) for receiving the bullets (5); a follower (3) for supporting the bullets within the housing, movable along the housing and resiliently pressing towards the opening, so that at any time, when there exist at least one bullet within the housing it is presented at the opening, ready to be discharged; an indicator having a prominence (7), which in one indication state the prominence protrudes outside the housing and in another indication state the prominence does not protrude outside the housing, wherein one of the indication states corresponds to a state where the magazine is in a full condition, that is when it is filled with bullets up to a maximal capacity, and another indication state corresponding to a state where at least one bullet is missing with respect to full condition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2004
(21) Application No.2420/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AEROSOL FORMULATION FOR INHALATION COMPRISING A TIOTROPIUM SALT"

(51) International classification :A61K 9/72
(31) Priority Document No :102 16 036.8
(32) Priority Date :11/04/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP03/03438
Filing Date :02/04/2003
(87) International Publication No :WO 03/084519
(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 : 19
No of Claims : 28

(57) Abstract :
The invention relates to an aerosol formulation, tree of propellant gas, comprising a pharmaccutically-acceptahle salt of tiolropium dissolved in water. Said formulation is particularly suitable for forming a mist of the active agent by means of an atomiser, for exhalative application of the active agent in case of indications of asthma and COPD.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2005
(21) Application No.2435/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ELECTRONIC EQUIPMENT"

(51) International classification :H01M 2/10
(31) Priority Document No :P09-011394
(32) Priority Date :24/01/1997
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :180/DEL/1998
Filed on :22/01/1998

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No of Pages : 39
No of Claims : 12

(57) Abstract :
Equipment employing a storage medium, comprising: a main body (7) having on its front surface (8) side an opening portion (11) used for insertion and/or ejection of a storage medium; and a lid body (9) rotatably provided on said main body (7), said lid body (9) opening and closing said opening portion (11) and said lid body (9) having an inclined portion (8b) having a curved surface and used for rotating said lid body (9) in a direction in which said storage medium opens said opening portion (11) when said storage medium is inserted into said electronic equipment, wherein said curved surface is exposed to an exterior of said main body and wherein said inclined portion (8b) is formed so as to have a shape which permits generation of a force for rotating said lid body (9) by said storage medium in the direction in which said opening portion (11) is opened when a storage medium is inserted into said electronic equipment, wherein said inclined portion (8b) is formed on said lid body (9) so as to be inclined in the direction in which a thickness thereof is gradually reduced toward its end in contact with a peripheral portion (15) of said opening portion (11), and wherein said main body (17) has a shape of a substantially rectangular parallelepiped, wherein said lid body (9) has a first surface portion (9a) forming a substantially same plane as an upper surface of said main body (7) when said opening portion (11) is closed, and a second surface portion (9b) provided substantially perpendicular to said first surface portion (9a) and forming a substantially same surface as a side surface (9c) of said main body (7), and wherein a lower-side peripheral portion of said opening portion (11) of said main body (17) and a tip end portion of said second surface portion (9b) of said lid body (9) are brought in contact with each other to close said opening portion (11).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2005
(21) Application No.244/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "LEAD-BASED ALLOY FOR LEAD-ACID BATTERY,SUBSTRATE FOR LEAD-ACID BATTERY AND LEAD-ACID BATTERY."

(51) International classification :H01M 4/68
(31) Priority Document No :2002-116593
(32) Priority Date :18/04/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/04769
Filing Date :15/04/2003
(87) International Publication No :WO 03/088385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :02449/DELNP/2003
Filed on :23/12/2003

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3)MORI YUTAKA
4)HIRAKI TOMIHIRO

No of Pages : 80
No of Claims : 14

(57) Abstract :
Provided is a lead-based alloy for a lead-acid battery, comprising not less than 0.02% and less than 0.05% by weight of calcium, not less than 0.4% and not more than 2.5% by weight of tin, not less than 0.005% and not more than 0.04% by weight of aluminum, not less than 0.002% and not more than 0.014% by weight of barium, and the balance of lead and unavoidable impurities.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2007
(21) Application No.2440/DELNP/2007 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MIF - INHIBITORS"

(51) International classification :CO7D 413/04
(31) Priority Document No :0423405.0
(32) Priority Date :21/10/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/011233
Filing Date :19/10/2005
(87) International Publication No :WO 2006/045505
(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 : 27
No of Claims : 11

(57) Abstract :
3,4-dihydro-benzo[e][1,3]oxazin-2-ones which are substituted at the nitrogen atom by unsubstituted or substituted (C3.8)cycloalkyl, (C1-4 4)alkyl(C3-8)cycloalkyl, (C6–18)aryl or (C6–18)aryl(C1-4)alkyl and their use as Pharmaceuticals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2004
(21) Application No.2459/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : WING STRUCTURE OF AIR SWIRLING DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02B 31/00
(31) Priority Document No :20-2002-0002634
(32) Priority Date :28/01/2002
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR03/00133
Filing Date :22/01/2003
(87) International Publication No :WO 03/064832
(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)KIM, SEI-YOUNG;

No of Pages : 14
No of Claims : 5

(57) Abstract :
Disclosed is a wing structure of air swirling device for internal combustion engine, which has a swirling device body mounted in an air cleaner, a plurality of wings mounted slantingly and radially on the swirling device body for accelerating or increasing an airflow revolution, and one or more slits formed on prescribed positions of the plurality of wings for suppressing the formation of eddy in a negative pressure zone on the rear surface of each of the plurality of wings, includes a plurality of auxiliary wings protradedly provided to the outside with reference to the surface of each of the wings, so that airflow collided against the surface of each of said wings go straight ahead.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2005

(21) Application No.2471/DEL/2005 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : "AN IMPROVED METALLIZED NITRAMINE BASED COMPOSITE MODIFIED DOUBLE BASE ROCKET PROPELLANT COMPOSITION"

(51) International classification	:C06B 25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:417/DEL/2000
Filed on	:07/04/2000

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(72)**Name of Inventor :**
1)CHANDRAKANT MANASAHEB DIVEKER,
2)NANDAN ASTHANA
3)HARIDWAR SINGH

No of Pages : 12

No of Claims : 15

(57) Abstract :
This invention relates to an improved metallized nitramine based composite modified double base rocket propellant composition comprising a mixture of 25-35% spheroidal nitro-cellulose (SNC) with 30-40% desensitized nitroglycerine (NG), 1-8% ammonium perchlorate (AP); metal fuels, and 0.5-5% ballestic modifiers.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2005
(21) Application No.2486/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LABEL HAVING IMPROVED AESTHETIC APPEARANCE

(51) International classification :G09F 3/02
(31) Priority Document No :60/433414
(32) Priority Date :13/12/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/038724
Filing Date :04/12/2003
(87) International Publication No :WO 2004/055760
(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)FEARN, RICHARD

No of Pages : 16
No of Claims : 16

(57) Abstract :
A label (10) includes indicia disposed on a facestock (12) comprising cellophane. In one embodiment, the indicia (14,16, 18) are screen printed onto the facestock (12). In another embodiment, the label(10) may further include layers of tactile coating (24) selectively applied to discrete areas of the facestock (12) to create distinct raised portions on the label (10). The tactile coating (24) may be applied to correspond to the location of the indicia (14, 16, 18), wherein the raised portions overlie the indicia (14, 16, 18). A separate layer of primer (22) may be applied to the facestock (12) to cover substantially an entire side of the facestock (12). A plurality of such labels (10) may be provided in a stack to an automatic labeling machine for application to a series of containers (40). The label (10) may be applied to a container (40) and the raised portions of the label (10) provide tactile feel which enhances the aesthetic qualities of the label (10) and container (40).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2004

(21) Application No.2498/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HEPATOPROTECTIVE ACTIVITY OF 10-O-P-HYDROXYBENZYLAUCUBIN

(51) International classification :A61K 31/352
(31) Priority Document No :60/397,359
(32) Priority Date :10/05/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB03/01810
Filing Date :09/05/2003
(87) International Publication No :WO 03/094911
(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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6)KULDEEP KUMAR GUPTA
7)VIJAY KUMAR SHARMA
8)RAKESH KAMAL JOHRI
9)BUPINDER SINGH JAGGI
10)BAL KRISHAN CHANDAN
11)SHANKAR LAL
12)KASTURI LAL BEDI
13)OM PARKASH SURI
14)GHULAM NABI QAZI

No of Pages : 11
No of Claims : 20

(57) Abstract :
A method for treating and/or preventing hepatic disease conditions in mammals including human beings, said method comprising the steps of administering to the mammal an effective amount of 10-O-p-hydroxybenzoylaucubin compound of Formula 1, also called Agnuside, optionally individual or in combination with one or more pharmaceutically acceptable additives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2005
(21) Application No.2525/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 1,5-DIARYL-PYRROLE-3-CARBOXAMIDE DERIVATIVES AND THEIR USE AS CANNABINOID RECEPTOR MODULATORS

(51) International classification :A61K31/402
(31) Priority Document No :0230088.7
(32) Priority Date :24/12/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/005569
Filing Date :18/12/2003
(87) International Publication No :WO 2004/058249
(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)LEIFENG CHENG
4)STIG THOMAS ELEBRING
5)PETER GREASLEY
6)MATS NAGARD
7)JOHAN MICHAEL WILSTER MANN
8)EMMA TERRICABRAS

No of Pages : 34
No of Claims : 19

(57) Abstract :
The present invention relates to a compound of formula (I) (A chemical formula should be inserted here - please see paper copy enclosed herewith) in which R<1> and R<2> independently represent phenyl, thienyl or pyridyl each of which is optionally substituted by one, two or three groups represented by Z; and R<3> is H, a C1-3alkyl group, a C1-3alkoxymethyl group, trifluoromethyl, a hydroxyC1-3alkyl group, an aminoC1-3alkyl group, C1-3alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C1-3alkylcarbamoyl, acetyl, or hydrazinocarbonyl of formula -CONHNRR **wherein R and R are as defined for R<4> and R<5> respectively; X is CO or SO2 ; Y is absent or represents NH optionally substituted by a C1-3alkyl group; R<4> and R<5> independently represent: a C1-6alkyl group; an (amino)C1-4alkyl- group in which the amino is optionally substituted by one or more C1-3alkyl groups; an optionally substituted non-aromatic C3-15carbocyclic group; a (C3-12cycloalkyl)C1-3alkyl- group; a group -(CH2)r(phenyl)s; naphthyl; anthracenyl; a saturated 5 to 8 membered heterocyclic group containing one nitrogen and optionally one of the following: oxygen, sulphur or an additional nitrogen wherein the heterocyclic group is optionally substituted ;1-adamantylmethyl; a group - (CH2)t Het where Het represents an aromatic heterocycle optionally substituted; or R<4> represents H and R<5> is as defined above; or R<4> and R<5> together with the nitrogen atom to which they are attached represent a saturated 5 to 8 membered heterocyclic group; R<6> is H, a C1-3alkyl group, a C1-3alkoxymethyl group, trifluoromethyl, a hydroxyC1-3alkyl group, C1-3alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C1-3alkylcarbamoyl, acetyl, or hydrazinocarbonyl of formula -CONHNRR ; with provisos; to processes for preparing such compounds, to their use in the treatment of obesity, psychiatric and neurological disorders particularly obesity, to methods for their therapeutic use and to pharmaceutical compositions containing them.**

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2005
(21) Application No.2552/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD OF MUTUALLY ENHANCING RETAIL SALES AND USER TRAFFIC ON A WEB SITE"

(51) International classification :G06F 17/60
(31) Priority Document No :10/292,895
(32) Priority Date :12/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036271
Filing Date :12/11/2003
(87) International Publication No :WO 2004/044709
(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)DOUG CARL DOHRING

No of Pages : 26
No of Claims : 51

(57) Abstract :
A method of mutually enhancing retail sales and user traffic on a web site involve] offering an item code to a customer at a retail store, a place of business, or other promotional site in one of several different ways. Instructions are provided with trie Item code directing the customer to visit a web site, the instructions including the URL of the web site. The customer accesses the web site utilizing the URL address. The customer enters the item code when: provided for on the web page and submits the item code. A server computer to receives the item code, processes the item code, and returns to the customer's computer a web page for display indicating the virtual item that the customer has acquired through the item code. The customer may now interact within the environment provided for by the web site with the virtual item acquired.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2004
(21) Application No.2568/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NON-VISUALIZED PERMANENT INFORMATION RECORDING SUBSTRATE FOR USE AS SECURITY LABELS FOR AUTHENTICATION

(51) International classification	:A61B 5/055
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application 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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1)SURESH DAS
2)RIJU DAVIS

No of Pages : 25
No of Claims : 28

(57) Abstract :
The present invention relates to an information carrying substrate capable of being applied to a surface for authenticating said surface, and more particularly, the present invention relates to a an information carrying substrate capable of being affixed to a document or a product for authenticating the document or the product and also relates to method for writing an authenticating information on said substrate and further provides a method for authenticating a surface using said substrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2005
(21) Application No.2624/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MULTI-CELL POLARIZER SYSTEMS FOR HYPERPOLARIZING GASES"

(51) International classification :G01R 33/28
(31) Priority Document No :60/440,747
(32) Priority Date :17/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001264
Filing Date :20/01/2004
(87) International Publication No :WO 2004/065973
(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)JOHN NOULS
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5)KENNETH BOLAM
6)JIM DAVIDSON

No of Pages : 59
No of Claims : 106

(57) Abstract :
Methods, systems, assemblies, computer program products and devices produce hyperpolarized gas by: (a) providing a plurality of cells (30), each having a respective quantity of target gas held therein; (b) polarizing the target gas in and/or from the cells in a desired order to provide separate batches of polarized gas; and (c) repolarizing the previously polarized target gas held in at least one of the cells when the polarization level falls below a predetermined value.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2003
(21) Application No.263/DEL/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD FOR IN-SITU STREES ASSESSMENT IN CONCRETE STRUCTURES

(51) International classification	:E04G 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)SHANMUGAM PARIVALLAL
4)KANNAN KESAVAN

No of Pages : 14
No of Claims : 12

(57) Abstract :
In the present invention there is provided a method for in-sitJ Stre'sf assessment in concrete structures by core drilling. In the method of the present invention electrical resistance strain gages are placed around the intended core. The strain gages are connected in a wheatstone bridge circuit, for measurement of strain through a known strain measuring equipment. A known core cutter / drill is used to provide a core-cut and the strain gage configuration responds and measures the change in strain. Thus measuring the response to the change in strain for a given principal stress variation in a concrete structure, which enables assessment of in-situ stress in reinforced and pre stressed concrete structures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2005
(21) Application No.2635/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEFINING INTERPOLATION FILTERS FOR ERROR CONCEALMENT IN A CODED IMAGE

(51) International classification :H04N 7/32
(31) Priority Document No :60/439,185
(32) Priority Date :10/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/021515
Filing Date :10/07/2003
(87) International Publication No :WO 2004/064406
(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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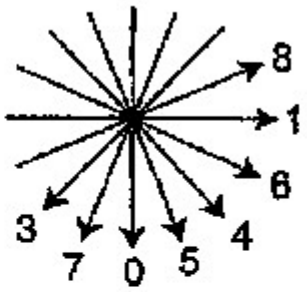
1)GOMILA, CRISTINA

No of Pages : 20
No of Claims : 24

(57) Abstract :
Concealment of errors in a coded image (100) occurs by first selecting an intra-prediction mode in accordance with the coding of the image. The selected intra-prediction mode, while ordinarily used to specify the direction for obtaining a coding prediction value, also serves to specify the direction for obtaining estimated values for error concealment. An interpolation filter defines the manner of obtaining estimated pixel values along the direction specified by the intra-prediction mode. Like the intra-prediction mode, the interpolation filter is derived in accordance with the coding of the image. Concealment of the image is achieved using the estimated values obtained in the manner prescribed by the interpolation filter.

MODE	INTERPOLATION DIRECTION
0	VERTICAL
1	HORIZONTAL
2	DC
3	DIAGONAL DOWN-LEFT
4	DIAGONAL DOWN-RIGHT
5	VERTICAL RIGHT
6	HORIZONTAL DOWN
7	VERTICAL LEFT
8	HORIZONTAL UP



INTRA 4x4 PREDICTION MODE DIRECTIONS

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2005
(21) Application No.2637/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARTUS FOR BANDING MULTIPLE ACCESS POINTS

(51) International classification :H04Q
(31) Priority Document No :60/439,087
(32) Priority Date :09/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/000517
Filing Date :09/01/2004
(87) International Publication No :WO 2004/064415
(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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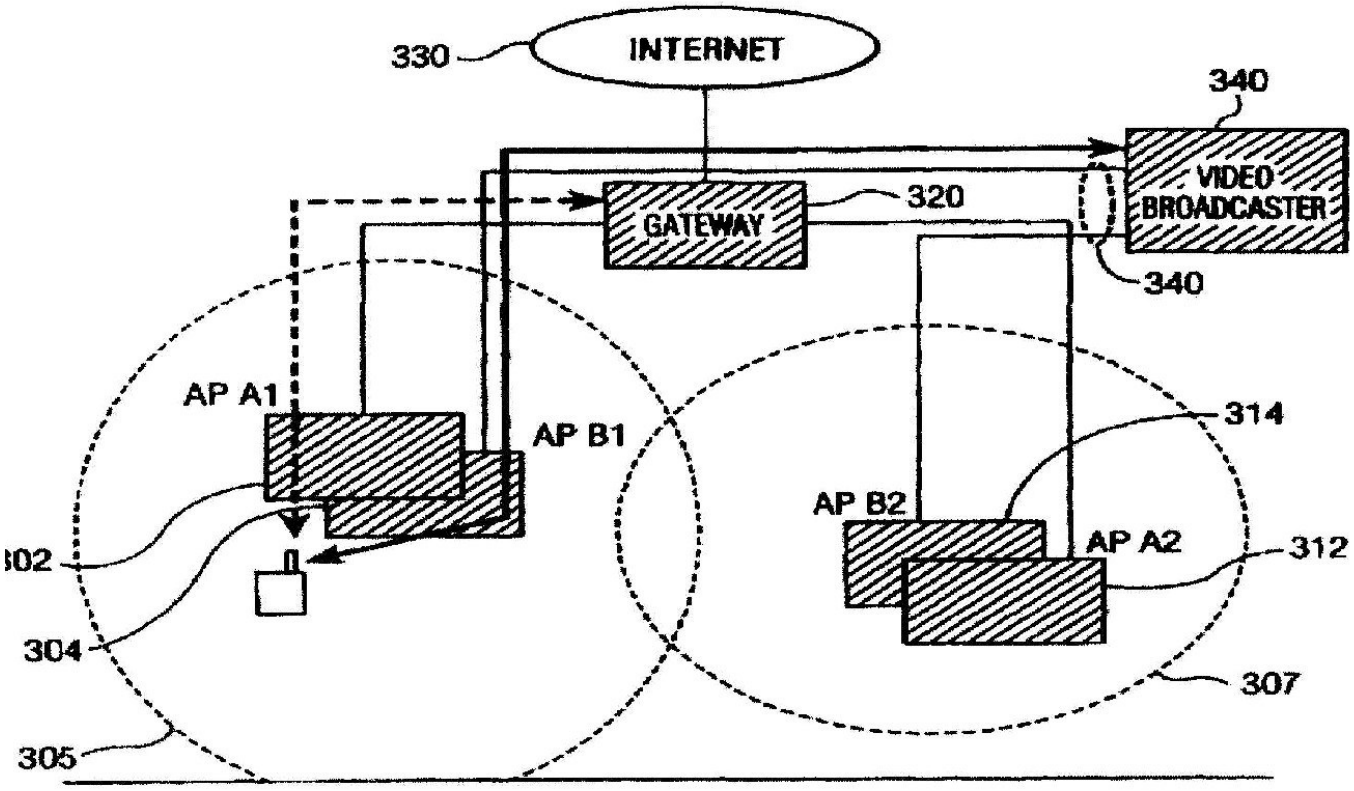
2)MODY,SACHIN

No of Pages : 14
No of Claims : 19

(57) Abstract :
The invention relates generally to a method and an apparatus for synchronizing a digital transrnission using beacon packets, and in particular, by using beacon packets utilized in communication between a wireless access point [302, 304, 312, 314] and a wireless station [140 (1)] in accordance with operating in accordance with the Institute of Electrical & Electronics Engineers' IEEE standard 802.11. A communication device comprises a means for creating a plurality of logical access points [302, 304, 312, 314]; a means for downloading a SSED into a mobile terminal in accordance with a user's of communication reception, and a means to permit the mobile terminal to switch from one logical access point [302, 304] to second logical access point [302, 304] depending on the current state of the logical access point and the user's choice.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2003
(21) Application No.264/DEL/2003 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A PROCESS OF MANUFACTURING BUILDING BLOCKS WITH IMPROVED PROPERTIES

(51) International classification	:E04C 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)SANKAR GHATAK
4)SACHCHIDANANDA CHAKRABARTI

No of Pages : 12
No of Claims : 8

(57) Abstract :
The present invention provides a process of manufacturing of building blocks with improved properties, which consists of intimately mixing common clay (-100 mesh B.S.) with 0 to 33.5 wt.% fly ash, adding aqueous solution of sodium silicate 5 to 15 wt% of the clay and fly ash mix, ageing the mixed material, forming blocks, drying the green blocks, firing the dried blocks. The prepared blocks show an increased compressive strength of the order of 155.8 kg/cm2 to 555.8 kg/cm2 with drastically reduced efflorescence. Thus reducing the rejection. The life of the building blocks produced by this process is predicted to be longer then the conventional brick available in the market. This superior building block is also cost effective comparative with the normal available brick.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2005
(21) Application No.2710/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DEODORANT FIBER STRUCTURE AND METHOD FOR PRODUCING THE SAME"

(51) International classification :D06M 11/46
(31) Priority Document No :2003-058272
(32) Priority Date :05/03/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/002495
Filing Date :01/03/2004
(87) International Publication No :WO 2004/079081
(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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No of Pages : 16
No of Claims : 10

(57) Abstract :
A deodorant fiber structure in which deodorant fine particles are adhered to a fiber structure through a binder resin, wherein the above-described binder resin is adhered in an approximately uniform coating film state to single fibers constituting said fiber structure; each single fiber is substantially maintained in an independent state without being adhered; and the ratio d/t of the diameter d (μm) of the above-described deodorant fine particle to the coating film thickness t (μm) of the above-described binder resin is in the range of 1.5 to 10.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2005
(21) Application No.2754/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FILTER ELEMENT AND METHOD FOR PRODUCING IT AND TANK BREATHER FILTER WITH A FILTER ELEMENT OF THIS KIND

(51) International classification :F15B 21/00
(31) Priority Document No :04 024 586.2
(32) Priority Date :15/10/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 12
No of Claims : 18

(57) Abstract :
The invention relates to a filter element (50), in particular for a tank breather filter (10), the filter element (50) being produced from a flat filter material. To form the filter element (50) in such a way that it can be produced at low cost, it is proposed that it is made in one piece and nas an end wall (51), which is surrounded by a corrugated side wall (52) aligned at an angle with respect to the end wall (51). A method for producing a filter element of this kind (50) and a tank breather filter (10) with a filter element of this kind (50) are also proposed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2005
(21) Application No.2800/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR IMPROVED QUALITY VOICE TRANSCODING"

(51) International classification :G10L 19/12
(31) Priority Document No :60/439,420
(32) Priority Date :09/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2004/000014
Filing Date :09/01/2004
(87) International Publication No :WO 2004/064041
(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)JIANWEI WANG
3)NICOLA CHONG-WHITE
4)MICHAEL IBRAHIM

No of Pages : 15
No of Claims : 25

(57) Abstract :
A method and apparatus lor a voice, transcoder thai converts a bitstream represeiiling frames of data encoded according to a lirsl voice compression standard lo a bilslream representing frames of data according to a second voice compression standard using perceplual weighting lli.il uses tuned weighting factors, such thai the bitslream of a second voice compression standard to produce a highei quality decoded voice signal than a comparable tandem transcoding solution. The melhod includes pie -computing weighting factors loi a peieeplual weighting filler oplimi/.ed to a specific source and destination codec pair, pre-configuring the transcoding strategies, mapping ('HI ,1' paramelers in the CliLP parameter space according to the selected coding strategy, performing I .incar Prediction analysis if spccil icd by the transcoding slralegy, perceptually weighting the speech using with tuned weighting factors, and searching for adaplive codcbook and fixed codebook paramelers to obtain a quantized set of destination codec parameters.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2005
(21) Application No.2857/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A PHARMACEUTICAL COMPOSITION COMPRISING AN IMMUNOGLOBULIN FC REGION AS A CARRIER"

(51) International classification :C07K 19/00
(31) Priority Document No :10-2003-0080299
(32) Priority Date :13/11/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002945
Filing Date :13/11/2004
(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)JUNG, SUNG YOUB
4)KIM, CHANG HWAN
5)CHOI, IN YOUNG
6)KWON, SE CHANG
7)LEE, GWAN SUN

No of Pages : 92
No of Claims : 28

(57) Abstract :
Disclosed is a novei use of an immunoglobulin Fc fragment, and more particularly, a pharmaceutical composition comprising an immunoglobulin Fc fragment as a carrier. The pharmaceutical composition comprising an immunoglobulin Fc fragment as a carrier remarkably extends the serum half-life of a drug while maintaining the in vivo activity oi the drug at relatively high levels. Also, when the drug is a polypeptide drug, the pharmaceutical composition has less risk of inducing immune responses compared t o a fusion protein of the immunoglobulin Fc fragment: and a target protein, and is thus useful for deveioping long-acting formulations of various polypeptide drugs.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2004
(21) Application No.2911/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "COMPOSITION FOR CELL PROLIFERATION"

(51) International classification :A61K 7/00
(31) Priority Document No :2002-106300
(32) Priority Date :09/04/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP03/04247
Filing Date :03/04/2003
(87) International Publication No :WO 03/084485
(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)MITSUAKI KAWAMURA
2)SHIGEO SHINOHARA

No of Pages : 42
No of Claims : 38

(57) Abstract :
The present invention provides a method for effectively exerting a cell proliferation promoting effect of apurine nucleic acid-related substance. The present invention provides a composition for cell proliferation containing a purine nucleic acid-related substance and a pyrimidine nucleic acid-related substance. Further, the present invention provides a method for potentiating the cell proliferation promoting effect of the purine nucleic acid-related substance by using the purine nucleic acid-related substance in combination with the pyrimidine nucleic acid-related substance. Still further, the present invention provides a method for promoting cell proliferation, where the method comprising applying purine nucleic acid-related substance in combination with the pyrimidine nucleic acid-related substance to the skin or mucosa.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2005
(21) Application No.2925/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD FOR USING A SYNCHRONOUS SAMPLING DESIGN IN A FIXED-RATE SAMPLING MODE

(51) International classification :G06F 11/30
(31) Priority Document No :60/440,734
(32) Priority Date :17/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001581
Filing Date :20/01/2004
(87) International Publication No :WO 2004/066355
(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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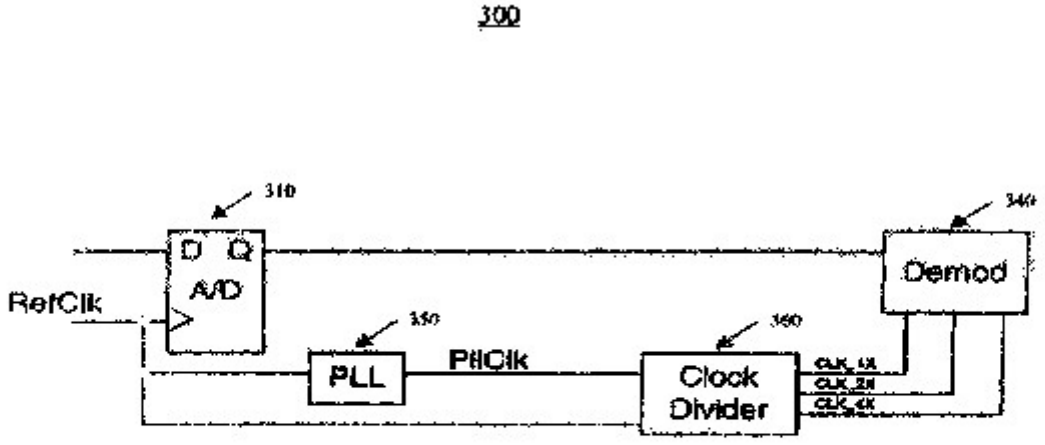
1)BOUILLET, AARON

No of Pages : 11
No of Claims : 20

(57) Abstract :
The present application generally relates to apparatuses such as television signal processing apparatus that process radio frequency signals. More specifically, the present application is particularly useful in integrated circuits that must combine circuitry operating in a synchronous-sampling mode that must be adapted for use with a fixed rate sampling mode application. According to an exemplary embodiment, the television signal processing apparatus 100 comprises a source of a fixed rate digital signal 220, signal processing circuitry 240 operating in a synchronous-sampling mode wherein the signal processing circuitry 240 comprises a signal representing a symbol rate, and an interpolator 230 for processing the fixed rate digital signal to yield samples at the symbol rate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2004
(21) Application No.2928/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEW α-GLUCOSIDASE INHIBITORS AND THEIR SYNTHESIS FROM A NATURAL SOURCE

(51) International classification :A61K 31/00
(31) Priority Document No :10/403034
(32) Priority Date :01/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB03/01157
Filing Date :30/03/2003
(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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No of Pages : 20
No of Claims : 31

(57) Abstract :
The present invention provides novel a-glucosidase inhibitory compound (-)- mesquitol and its analogs isolated in significant yield from traditional medicinal plant Dichrostachys cinerea and further modification of (-)-mesquitol to enhance the a-glucosidase inhibitory potential; the invention also identifies the usage of (-)-mesquitol and its analogues, based on their a-glucosidase inhibitory activity, as broad based potential therapeutics as antihyperglycemic, antidiabatic, antiobesity, antiviral, anticancer, immunestimulants and the like. 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2005
(21) Application No.2929/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PEPTIDES HAVING PROTECTED AMINES OF UNTARGETED SITES, METHODS FOR PRODUCTION THEREOF AND OF SPECIFICALLY CONJUGATED PEG PEPTIDES USING THE SAME"

(51) International classification :C07K 1/06
(31) Priority Document No :10/542,230
(32) Priority Date :15/07/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2003/000118
Filing Date :18/01/2003
(87) International Publication No :WO 2004/065412
(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)LEE KANG CHOON
3)NA DONG HEE
4)YOUN YU SEOK

No of Pages : 78
No of Claims : 12

(57) Abstract :
The present invention relates to synthetic peptides having selectively protected amines of untargeted sites and to methods for production thereof and for specifically conjugating PEG to targeted sites of the synthetic peptides using the same. The present invention provides in much higher yield PEG conjugated peptides in which PEG is specifically combined to amines at targeted sites.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2005
(21) Application No.2962/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "COMPOSITIONS AND TREATED SUBSTRATES HAVING REVERSIBLY ADAPTABLE SURFACE ENERGY PROPERTIES AND METHOD FOR MAKNG THE SAME"

(51) International classification :C08G 8/30
(31) Priority Document No :10/340,300
(32) Priority Date :10/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/026720
Filing Date :27/08/2003
(87) International Publication No :WO 2004/063241
(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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4)DANIEL T. MCBRIDE
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No of Pages : 70
No of Claims : 34

(57) Abstract :
The present invention relates generally to substrates that exhibit useful, auto adaptable surface energy properties that depend on the environment of the substrate. Such surface energy properties provide relatively high advancing and receding contact angles for liquids when in contact with the target substrate surface. The substrates exhibit low surface energy quantities of at most about 20 millijoules per square meter (mJ/m2) at a temperature of about 25 degrees C and a surface energy greater than about 20 mJ/m2 at. or with exposure to, a temperature of about 40 degrees C. More specifically, encompassed within the present invention are textile substrates having this highly desirable unique surface energy modification properly and which exhibit wash durable oil and water repellency and slain release features. Novel compositions and formulations that impart such surface energy modifications to substrates are also encompassed within this invention, as well as methods for producing such treated substrates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2005

(21) Application No.3031/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "HIGH SOLIDS PUMPABLE CEMENT ADDITIVES"

(51) International classification :C04B
(31) Priority Document No :10/354,809
(32) Priority Date :30/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001213
Filing Date :16/01/2004
(87) International Publication No :WO 2004/069762
(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 : 26
No of Claims : 31

(57) Abstract :
Exemplary liquid cement additive compositions have high solids loading which includes alkali oralkaline earlh metal salts and olher cement additive components. The liquid carrier is preferably aqueous in nature, although non-aqueous carriers are possible, and the carrier is modified using a viscosily modifying agent and dispersam io help load salt and other solids in high ievel amounts. Thus, methods for making the liquid cement additive compositions are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2005
(21) Application No.3034/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AVERMECTIN MONOSACCHARIDE DERIVATIVES HAVING PESTICIDAL PROPERTIES"

(51) International classification :C07D 493/22
(31) Priority Document No :0302309.0
(32) Priority Date :31/01/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/000899
Filing Date :30/01/2004
(87) International Publication No :WO 2004/067534
(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)FIONA MURPHY KESSABI
4)HANS TOBLER
5)JEROME CASSAYRE
6)LAURA QUARANTA

No of Pages : 107
No of Claims : 10

(57) Abstract :
A compound of the general formula (1) pesticidal compositions whose active compound is selected from these compounds and their tautomers; intermediates for the preparation of the said compounds of the formula (I), methods for the preparation of the compounds of the formuk (I), and a method for controlling pests using these compositions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2005

(21) Application No.3037/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A RAPID-ACTING PHARMACEUTICAL COMPOSITION"

(51) International classification :A61K 31/4468
(31) Priority Document No :60/443,857
(32) Priority Date :31/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2004/000037
Filing Date :15/01/2004
(87) International Publication No :WO 2004/067004
(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 : 19
No of Claims : 24

(57) Abstract :
A pharmaceutical composition for the treatment of acute disorders is described. The composition comprises an essentially water-free, ordered mixture of at least one pharmaceutically active agent in the form of microparticles which are adhered to the surfaces of carrier particles which are substantially larger than the particles of the active agent or agents, and are essentially insoluble or sparingly soluble in water, in combination with a bioadhesion and/or mucoadhesion promoting agent adhered to the surfaces of said carrier particles. The composition is primarily intended for sublingual or intranasal administration. The invention also relates to a method for preparing the composition and to the use of the composition for the treatment of acute disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2005
(21) Application No.3042/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DISPENSER PUMP"

(51) International classification :B05B 11/00
(31) Priority Document No :0303698.5
(32) Priority Date :18/02/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/000610
Filing Date :17/02/2004
(87) International Publication No :WO 2004/073877
(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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No of Pages : 55
No of Claims : 63

(57) Abstract :
This invention relates to pump-action nozzle devices methods of making the same. The nozzle devices of the invention comprises a body which defines an internal chamber (700) having an inlet through which fluid may be drawn into said chamber and an outlet through which fluid present in the chamber may be expelled from the nozzle. The inlet comprises an inlet valve and the outlet comprises an outlet valve. Fluid is dispensed from the nozzle devices by applying pressure to a first rigid portion (602a) of the body which causes a second portion (2504) of the body of the device to be resiliently deformed or displaced so as to enable the chamber to be compressed and fluid present therein to be dispensed. In preferred embodiments, the actuator provides a rigid actuator surface that an operator can apply a pressure to.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2005
(21) Application No.3043/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PREPARATION OF SUBSTITUTED QUINAZOLINES"

(51) International classification :C07D 239/94
(31) Priority Document No :60/445,095
(32) Priority Date :05/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2004/000321
Filing Date :03/02/2004
(87) International Publication No :WO 2004/069791
(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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6)THOMAS ELLIOTT JACKS
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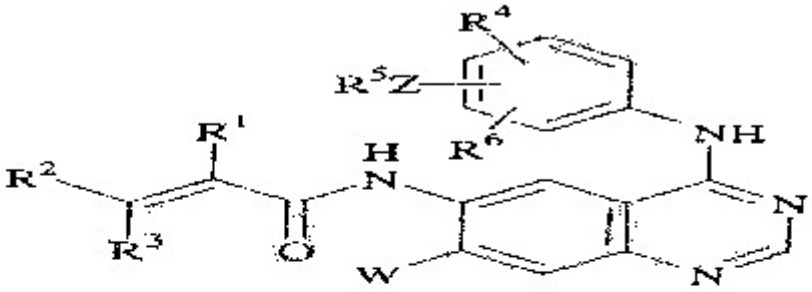
11)ROY THOMAS WINTERS

No of Pages : 74
No of Claims : 9

(57) Abstract :
Methods and materials for preparing irreversible inhibitors of tyrosine kinases of general Formula (1) are disclosed. Such inhibitors, which include N-[4-)3-chloro-4-floro-phenylamino)-7-(3-mor-pholin-4-yl-propoxy)-quinazolin-6-yl]-acryIamide, are useful for treating cancer, retenosis, atherosclerosis, endometriosis and psoriasis. The disclosed methods employ protecting schemes to minimize undesirable diacryloylamino-quinazoline side products.



(1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2005
(21) Application No.3055/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MEHTOD OF DERMAL PROTECTION"

(51) International classification :A61K 7/40
(31) Priority Document No :0301279.6
(32) Priority Date :20/01/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/000091
Filing Date :12/01/2004
(87) International Publication No :WO 2004/064796
(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 : 19
No of Claims : 15

(57) Abstract :
A method of dermal protection following contact between the skin and a composition containing a bipyridylium herbicide such as praquat or diquat comprises incorporating an alginate in said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2005
(21) Application No.3064/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : THERMODYNAMIC CYCLES USING THERMAL DILUENT

(51) International classification :F01K
(31) Priority Document No :60/442,096
(32) Priority Date :22/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001545
Filing Date :22/01/2004
(87) International Publication No :WO 2004/065763
(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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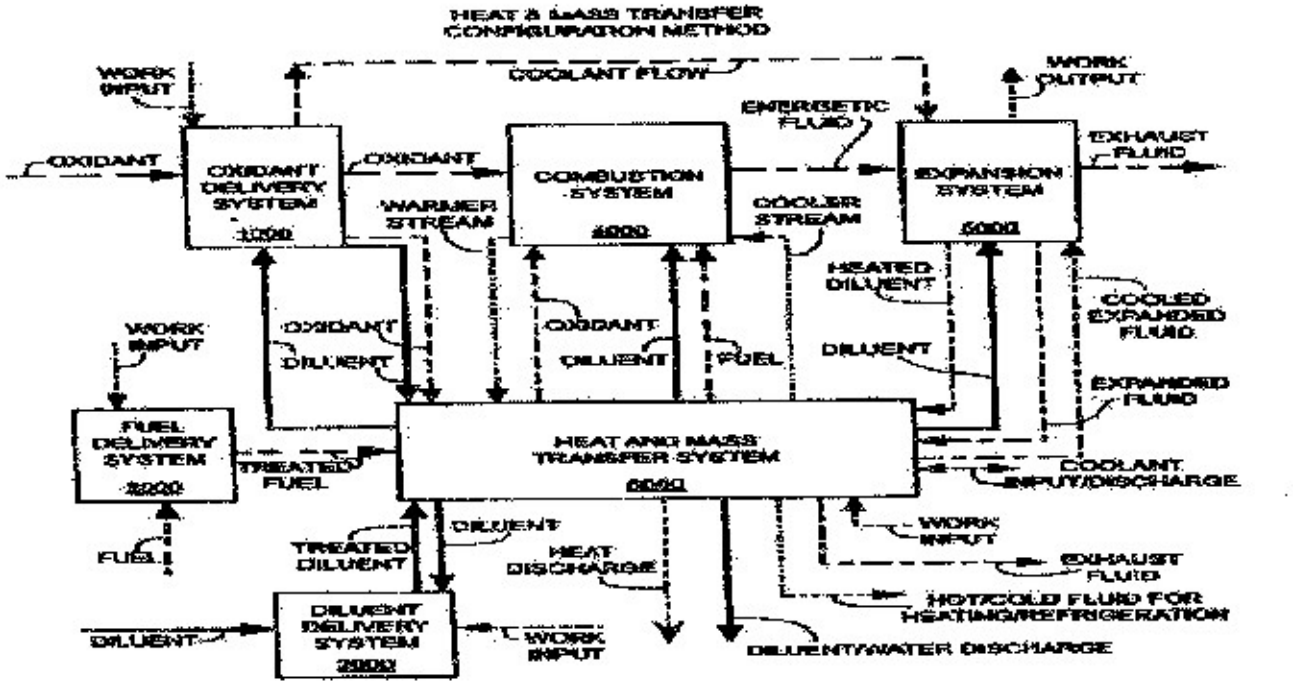
5)MCGUIRE ALLAN
6)RANKIN, JANET
7)MASSARDO, ARISTRIDE

No of Pages : 136
No of Claims : 231

(57) Abstract :
A thermodynamic system that produces mechanical, electrical power, and/or fluid streams for heating or cooling. The cycle contains a combustion system that produces an energetic fluid by combustion of a fuel with an oxidant. A thermal diluent may be used in the cycle to improve performance, including but not limited to power, efficiency, economics, emissions, dynamic and off-peak load performance, and/or turbine inlet temperature (TIT) regulation and cooling heated components. The cycle preferably includes a heat recovery system and a condenser or other means to recover and recycle heat and the thermal diluent from the energetic fluid to improve the cycle thermodynamic efficiency and reduce energy conversion costs. The cycle may also include controls for temperatures, pressures, and flow rates throughout the cycle, and controls power output, efficiency, and energetic fluid composition.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2004
(21) Application No.3065/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "IMPROVED SYNTHESIS OF CYPROTERONE ACETATE"

(51) International classification :C07J 53/00
(31) Priority Document No :02009663.2
(32) Priority Date :29/04/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/003831
Filing Date :14/04/2003
(87) International Publication No :WO 2003/092578
(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)DUANG HUDDHASUKH
4)PATTANA SRIPALAKIT
5)ROLAND MAIER
6)ROLF WERNER

No of Pages : 47
No of Claims : 25

(57) Abstract :
The present invention relates to improved methods for synthesising cyproterone acetate (17a-Acetoxy-6-ch1oro-l(X, 2a-methylene-4,6-pregnadiene-3,20-dione) from solasodine. The methods of the invention are shorter as those of the prior art and therefore more economic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2005
(21) Application No.3069/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ADJUSTABLE, SELF CLEANING ROTARY MACHINE WHICH IS INTENDED TO PRODUCE A FLOW OF PURIFIED FLUID"

(51) International classification :B01D 46/26
(31) Priority Document No :03/00689
(32) Priority Date :17/01/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2003/003946
Filing Date :30/12/2003
(87) International Publication No :WO 2004/071623
(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 : 19
No of Claims : 18

(57) Abstract :
The invention relates to a rotary machine comprising a rotor (6) bearing a packing (9) in the form of a ring which is at least partially made from a flexible, fluid-permeable material. The inventive machine also comprises variable-speed drive means for rotating the rotor (6) and means which enable the aforementioned packing (9) to be deformed in response to a variation in the rotational speed of the rotor (6). As a result, the machine can produce an air flow, extract material contained in said flow and perform a self-cleaning cycle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2005
(21) Application No.3076/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "SYSTEM FOR AUTOMATED PLACEMENT OR CONFIGURATION OR EQUIPMENT FOR OBTAINING DESIRED NETWORK PERFORMANCE OBJECTIVES AND FOR SECURITY RF TAGS, AND BANDWIDTH PROVISIONING"

(51) International classification :G06F
(31) Priority Document No :60/441,315
(32) Priority Date :22/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001372
Filing Date :16/01/2004
(87) International Publication No :WO 2004/066077
(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)ROGER R. SKIDMORE

No of Pages : 128
No of Claims : 104

(57) Abstract :
A method is presented for determining optimal or preferred configuration settings for wireless or wired network equipment in order to obtain a desirable level of network performance. A site-specific network model is used with adaptive processing to perform efficient design and ongoing management of network performance. The invention iteratively determines overall network performance and cost and further iterates equipment settings, locations and orientations. Real time control is between a site specific Computer Aided Design (CAD) software application and the physical components of the network allows the invention lo display, store, and ileratively adapt any network to constantly varying traffic and interference conditions. Alarms provide rapid adaptation of network parameters, and alerts and preprogrammed network shutdown actions may be taken autonomously. A wireless post-it note device and network allows massive data such as book contents or hard drive memory lo be accessed within a room by a wide bandwidth reader device, and this can further be interconnected to the internet or Klhernet backbone in order to provide worldwide access and remote retrieval to wireless post-it devices.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2005
(21) Application No.3080/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "IMPROVEMENTS IN OR RELATING TO NOZZLE DEVICES"

(51) International classification :B05B
(31) Priority Document No :0303698.5
(32) Priority Date :18/02/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/000620
Filing Date :17/02/2004
(87) International Publication No :WO 2004/073871
(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)TIMOTHY RODD

No of Pages : 72
No of Claims : 152

(57) Abstract :
This invention relates to pump action nozzle devices and methods of making the same. The dispenser nozzles of the invention comprises a body which defines two or more internal chambers, both having outlets and at least one of which has an inlet through which fluid may be drawn into said chamber. The inlet comprises an inlet valve and the outlet comprises an outlet valve. Fluid is dispensed from the dispenser nozzles by applying pressure to an actuator member which in turn engages a resiliently deformable/displacable portion of the body of the device that defines the chamber, thereby compressing the chamber and actuating the dispensing of fluid. The additional chamber(s) may contain further liquids or gascous substance (e.g. air). In preferred embodiments, the actuator is an over cap or a trigger actuator.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2005
(21) Application No.3100/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A REFRIGERATION PROCESS AND THE PRODUCTION OF LIQUEFIED NATRUAL GAS"

(51) International classification :F25J 1/00
(31) Priority Document No :2003900327
(32) Priority Date :22/01/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2003/001623
Filing Date :04/12/2003
(87) International Publication No :WO 2004/065869
(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)PAUL WILLIAM BRIDGWOOD

No of Pages : 14
No of Claims : 26

(57) Abstract :
Process and apparatus for the production of liquefied natural gas utilising a refrigeration cycle, characterised by the steps of: i) Pre-treatment of a natural gas stream; ii) Chilling of either or both of the resulting pre-treated gas stream or a refrigerant gas stream within the refrigeration cycle; and iii) Liquefaction of the natural gas.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2005
(21) Application No.3119/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "SYSTEM AND METHOD OF EXCHANGING IDENTIFICATION INFORMATION FOR MOBILE STATIONS"

(51) International classification :H04Q 7/38
(31) Priority Document No :60/440,363
(32) Priority Date :16/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2003/001680
Filing Date :31/10/2003
(87) International Publication No :WO 2004/064432
(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)RESEARCH IN MOTION LIMITED
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(72)**Name of Inventor :**
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2)YACH DAVID P.
3)KLASSEN GERHARD D.

No of Pages : 34
No of Claims : 22

(57) Abstract :
A system is provided for allowing mobile stations to exchange identification information using a predetermined communication path for the purpose of obtaining identification information to use in establishing a different communication path for communicating.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2005

(21) Application No.3125/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "VIRAL POLYMERASE INHIBITORS"

(51) International classification	:C07D 209/08
(31) Priority Document No	:60/441,871
(32) Priority Date	:22/01/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2004/000018
Filing Date	:19/01/2004
(87) International Publication No	:WO 2004/065367
(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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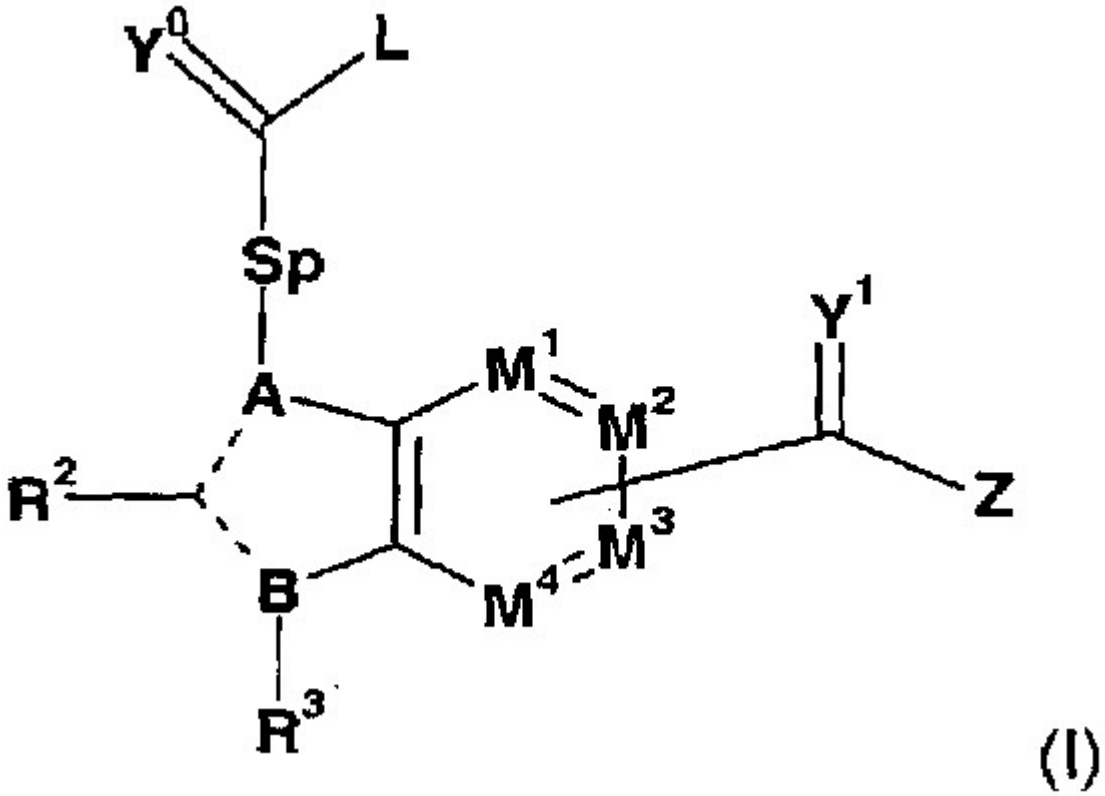
2)CHRISTIAN BROCHU
3)CATHERINE CHABOT
4)ERIC JOLICOEUR
5)MARC-ANDRE POUPART
6)YOULA STRATIGOULA TSANTRIZOS
7)STEPHEN KAWAI

No of Pages : 318
No of Claims : 75

(57) Abstract :
An isomer, enantiomer, diastereoisomer or tautomer of a compound, represented by formula I: wherein wherein A, B, R2, R3, L, M1, M2, M3, M4, Y1, Y°, Z and Sp are as defined in claim 1, or a salt thereof, as an inhibitor of HCV NS5B polymerase.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2005

(21) Application No.3138/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "UPLINK SINR ESTIMATION"

(51) International classification :H04L 1/20
(31) Priority Document No :PCT/CN2003/000101
(32) Priority Date :29/01/2003
(33) Name of priority country :China
(86) International Application No :PCT/CN2003/000101
Filing Date :29/01/2003
(87) International Publication No :WO 2004/068779
(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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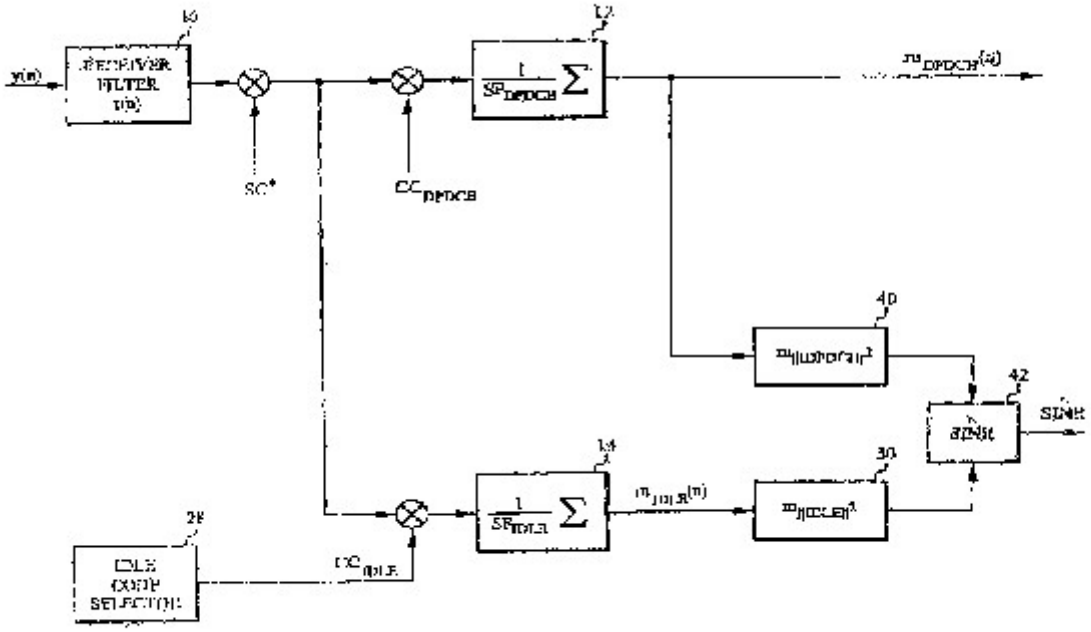
(72)**Name of Inventor :**
1)HAI WANG

No of Pages : 17
No of Claims : 24

(57) Abstract :
An arrangement estimates the uplink SINR of a CDMA channel. It includes means (40) for cstimaling the signa] power using the channelization code of the channel. A selector (28) searches for and selects an idle channelization code that is orthogonal to the channelization code of the channel. This idle code is used by further means (30) for esrjmating the power of interiference plus noise. Means (42)then form the SINR estimate using these estimates.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2005
(21) Application No.3149/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR INPUTTING ALPHABET CHARACTERS

(51) International classification :G06F
(31) Priority Document No :10-2003-0004412
(32) Priority Date :22/01/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/000122
Filing Date :24/01/2004
(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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No of Pages : 110
No of Claims : 14

(57) Abstract :
This invention shows that a target word or phrase can be inputted effectively using an index and applying a full input rnethod (FIM). Moreover, this inventions shows an example in which a (language restricted) concurrent input method(CIM) is applied effectively. In addition, this invention proposes an input system for inputting various characters by combination of a long stroke of a specific button and a repeat stroke of the specific button, or by combination of a long stroke of a specific button and a repeat stroke of a control button.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2005
(21) Application No.3167/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PYRAZOLE DERIVATIVES"

(51) International classification :C07D 401/04
(31) Priority Document No :2003-031639
(32) Priority Date :07/02/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/001259
Filing Date :06/02/2004
(87) International Publication No :WO 2004/069824
(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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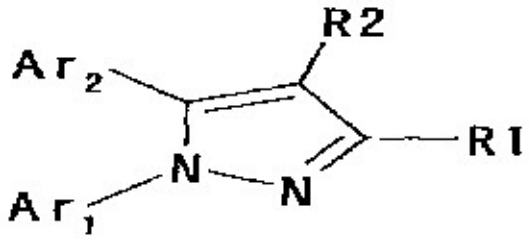
3)YOUICHI KIMURA
4)TAKASHI ISHIYAMA
5)YUICHI OCHIAI

No of Pages : 415
No of Claims : 19

(57) Abstract :
The present invention is directed to a strong platelet aggregation-inhibiting agent which does not inhibit COX-1 or COX-2. The present invention provides compounds represented by formula (I) or formula (II), salts of the compounds, and solvates of the compounds or the salts. Also provided are medicaments containing any of the compounds, salts, or solvates and preventive and/or therapeutic agents for ischemic diseases, containing any of the compounds, salts, or the solvates.



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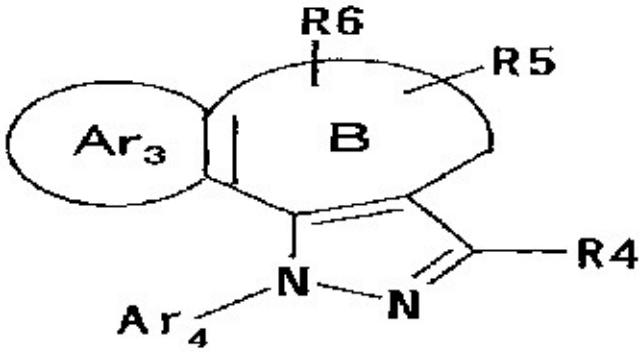

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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2005
(21) Application No.3181/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "POLYMORPHIC FORMS OF RIFAXIMIN, PROCESSES FOR THEIR PRODUCTION AND USE THEREOF IN MEDICINAL PREPARATIONS"

(51) International classification :C07D 498/22
(31) Priority Document No :MI2003A002144
(32) Priority Date :07/11/2003
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2004/012490
Filing Date :04/11/2004
(87) International Publication No :WO 2005/044823
(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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4)CONFORTINI, DONATELLA
5)CANNATA, VINCENZO
6)RIGHI, PAOLO
7)ROSINI, GOFFREDO

No of Pages : 27
No of Claims : 25

(57) Abstract :
Crystalline polymorphic forms of rifaximin (INN), referred to as rifaximin cC and rifaximin p, and a poorly crystalline form referred to as rifaximin y, useful in the production of medicaments containing rifaximin for the oral and topical use and obtained by means of a crystallization process carried out by hot-dissolving the raw rifaximin in ethyl alcohol and causing the crystallization of the product by addition of water at a fixed temperature and for a fixed period of time, followed by drying under controlled conditions until reaching a precise water content in the end product, are the object of the invention.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3187/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR TUNING RADIO SERVICE BACKGROUND OF THE INVENTION

(51) International classification :H04B
(31) Priority Document No :10/361,395
(32) Priority Date :10/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/040788
Filing Date :19/12/2003
(87) International Publication No :WO 2004/073173
(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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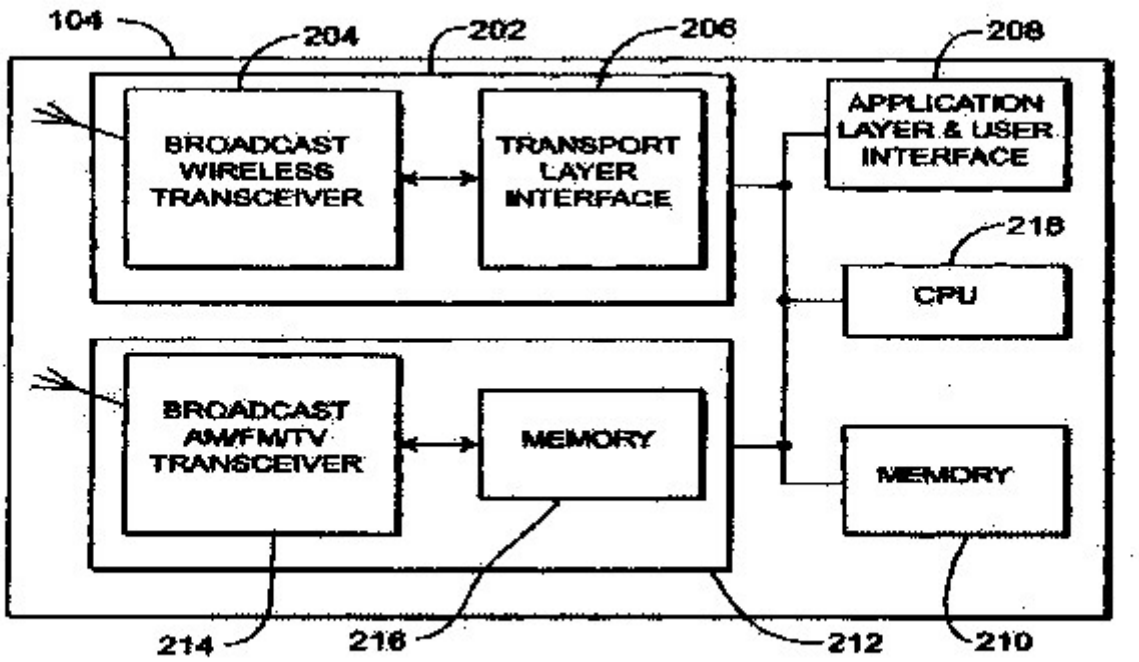
1)RAMASWAMY, KUMAR

No of Pages : 9
No of Claims : 17

(57) Abstract :
A wireless device comprises a user interface [208], a transport layer-processing module [206] connected to the user interface, and a cellular receiver [204] connected to the transport layer processing module for receiving a cellular signal comprising a radio channel guide. The wireless device further comprises a radio signal tuner [214] connected to the interface for receiving a radio signal, and an application layer [208] for tuning the radio receiver to a channel of the radio signal according to a user selection from the radio channel guide



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3188/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ROBUST MODE STAGGERCASTING VIDEO QUALITY ENHANCEMENT

(51) International classification :H04N 7/12
(31) Priority Document No :60/443,672
(32) Priority Date :28/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/002276
Filing Date :27/01/2004
(87) International Publication No :WO 2004/070990
(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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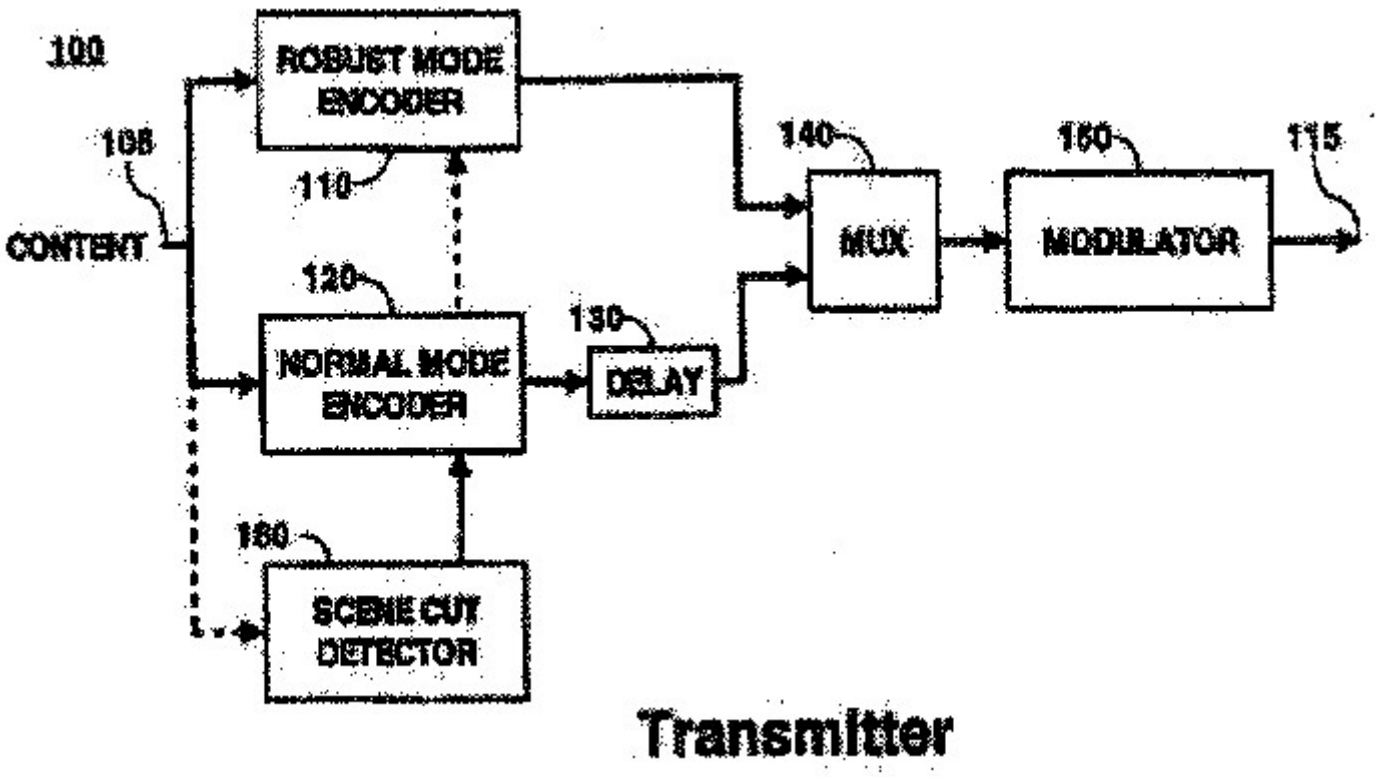
1)COOPER, JEFFREY
2)BOYCE, JILL
3)RAMASWAMY, KUMAR

No of Pages : 46
No of Claims : 10

(57) Abstract :
A method and apparatus for staggercasting a content representative signal (figs. 1-2), having a first portion and a second portion includes the following. A first signal is encoded (120) representing the first portion of the content representative signal and a second signal is encoded (110) representing the second portion of the content representative signal. A composite signal (115 or 205) is generated comprising the first and second encoded signals, staggered in time. The first and second encoded signals are extracted from the composite signal (exit of 210) and errors (E) detected in the first and second extracted encoded signals. If an error is detected in one of the first and second extracted encoded signals, then the other one of the first and second extracted encoded signals is decoded to reproduce the corresponding portion of the content representative signal (215). Otherwise both the first and second extracted encoded signals are decoded and combined to reproduce the content representative signal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3189/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "THE COPY PROTECTION OF OPTICAL DISCS."

(51) International classification :G11B 20/00
(31) Priority Document No :0301700.1
(32) Priority Date :24/01/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/000241
Filing Date :23/01/2004
(87) International Publication No :WO 2004/066294
(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 : 18
No of Claims : 41

(57) Abstract :
The present invention relates to a method of copy protecting optical discs, such as CD-ROMs. Ins t cad of encoding data onio the CD-ROMs in a manner which ensures balanced dc content, for copy protection the digital data is encoded and recorded onto the optical disc such that it is ananged to give some of the recorded digital data unbalanced de content. Thus, for example, the DSV value of the encoded data may be changed rapidly in less than (100) frames to (Figure 9). For an area of digital data on the optical disc in which the DSV has been caused to rise steeply (Figure lOa), heavy distortions in audio arise (.Figure lOc) during an attempt to copy an audio track including the single segment of unbalanced dc content.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005

(21) Application No.3190/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHODS AND APPARATUS FOR RE-ESTABLISHING COMMUNICATION FOR A WIRELESS COMMUNICATION DEVICE AFTER A COMMUNICATION LOSS IN A WIRELESS COMMUNICATION NETWORK"

(51) International classification	:H04L 12/56
(31) Priority Document No	:CA03/000092
(32) Priority Date	:23/01/2003
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2003/000092
Filing Date	:23/01/2003
(87) International Publication No	:WO 2004/066564
(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)MUSA SARMAD K.,
4)TAYLOR BRYAN
5)DUNK CRAIG A
6)ASTHANA ATUL
7)BUCKLEY ADRIAN

No of Pages : 59
No of Claims : 54

(57) Abstract :
Several related methods and apparatus for re-establish in communication for a wireless communication device after a communication loss between the wireless device and a wireless communication network arc disclosed. In one illustrative example, the wireless network broadcasts identifiers of wireless devices associated with communication losses in the wireless network over a control channel. After regaining signal coverage, a wireless device monitors the control channel to decode and compare each broadcasted identifier with an identifier of the wireless device. Based on a match between a broadcasted identifier and the identifier of the wireless device, the wireless device transmits a control message which informs the wireless net work of the presence of the wireless device. Otherwise, the wireless device normally refrains from transmitting the control message to the wireless network. Advantageously, communication with the wireless network is re-established without overburdening the wireless link with unnecessary traffic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3192/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR CORRECTING VISION USING AN ELECTRO-ACTIVE PHOROPTER."

(51) International classification :G02B
(31) Priority Document No :60/446,173
(32) Priority Date :06/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003322
Filing Date :05/02/2004
(87) International Publication No :WO 2004/072687
(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)KOKONASKI WILLIAM
3)DUSTON DWIGHT P.

No of Pages : 23
No of Claims : 38

(57) Abstract :
An electro-active phoropter and a method of using the electro-active phoropter to measure a patient's vision prescription is disclosed. The electro-active phoropter includes a series of individually addressable electro-active lenses. The lenses have either a positive or negative optical power when an electrical potential is applied across the lens. Each lens provides an optical power that is part of a net optical power of the series of lenses when a patient views through the phoropter. The optical power of the phoropter can be incrementally adjusted by changing the distribution of the electrical potential across the different lenses of the series to provide increasing or decreasing optical power until a patient achieves a desired level of clarity and a vision prescription has been determined.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3196/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NOVEL HETEROARYL SUBSTITUTED ACETONE DERIVATIVES AS INHIBITORS OF PHOSPHOLIPASE A2"

(51) International classification :C07D 207/16
(31) Priority Document No :103 05 089.2
(32) Priority Date :07/02/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP97/03842
Filing Date :17/07/1997
(87) International Publication No :WO 98/05637
(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)MATTHIAS LEHR
2)JOACHIM LUDWIG

No of Pages : 68
No of Claims : 13

(57) Abstract :
The invention relates to novel heteroaryl substituted acetone derivatives which inhibit the enzyme phospholipase A2, pharmaceutical preparations containing these compounds and a method of producing these compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3197/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AIR SEPARATION PLANT NETWORK LIQUID PRODUCTION CONTROL"

(51) International classification :F17C
(31) Priority Document No :10/352,037
(32) Priority Date :28/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/002043
Filing Date :27/01/2004
(87) International Publication No :WO 2004/068026
(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)PRAXAIR TECHNOLOGY,INC.,
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1)LAWRENCE MEGAN
2)DAVID F. LENNOX
3)PAUL F. SCHARF
4)DERIN ADEBEKUN

No of Pages : 25
No of Claims : 7

(57) Abstract :
A method of controlling liquid and gaseous production within a plurality of air separation plants (10, 12) to produce and distribute gaseous and liquid products to a plurality of customers (20, 22, 24) in which the electrical power costs involved in producing gaseous and liquid products is optimized to be at a minimum together with road shipping costs of liquid products by a real time optimization program (84).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2005
(21) Application No.3202/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NEW STRAINS OF BIFIDOBACTERIUM HAVING THE ABILITY TO PRODUCE GLUTAMINE"

(51) International classification :C12N 1/20
(31) Priority Document No :0300245.8
(32) Priority Date :31/01/2003
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2004/000098
Filing Date :27/01/2004
(87) International Publication No :WO 2004/067731
(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)PROBI AB
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Sweden
(72)**Name of Inventor :**
1)GORAN MOLIN
2)SIV AHRNE
3)BENGT JEPPSSON

No of Pages : 24
No of Claims : 20

(57) Abstract :
The invention refers to new strains of Bifidobacterium, especially of the species Bifidobaeterium infantis, having the ability to survive in the intestinal tract and to produce glutamine and optionally arginine in vivo, as well as to compositions comprising said strains.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2005
(21) Application No.3205/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NEW PROCESS FOR THE SYNTHESIS OF [2S, 3AS, 7AS]-1-[(S) ALANYL]- OCTAHYDRO-1H-INDOLE-2 - CARBOXYLIC ACID COMPOUNDS AND APPLICATION IN THE SYNTHESIS OF PERINDOPRIL"

(51) International classification :C07K 5/06
(31) Priority Document No :03290486.4
(32) Priority Date :28/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/FR2004/000445
Filing Date :27/02/2004
(87) International Publication No :WO 2004/078708
(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)THIERRY DUBUFFET,
2)PASCAL LANGLOIS

No of Pages : 11
No of Claims : 6

(57) Abstract :
Process for the synthesis of compounds of formula (I) : CH wherein R\ represents a hydrogen atom or an alkyl or benzyl group and R2 represents a protecting group for the amine function. Application in the synthesis of perindopril and pharmaceutically acceptable salts thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2005
(21) Application No.3206/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "NEW PROCESS FOR THE SYNTHESIS OF PERINDOPRIL AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF"

(51) International classification	:C07K 5/02
(31) Priority Document No	:03290485.6
(32) Priority Date	:28/02/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FR2004/000446
Filing Date	:27/02/2004
(87) International Publication No	:WO 2004/078107
(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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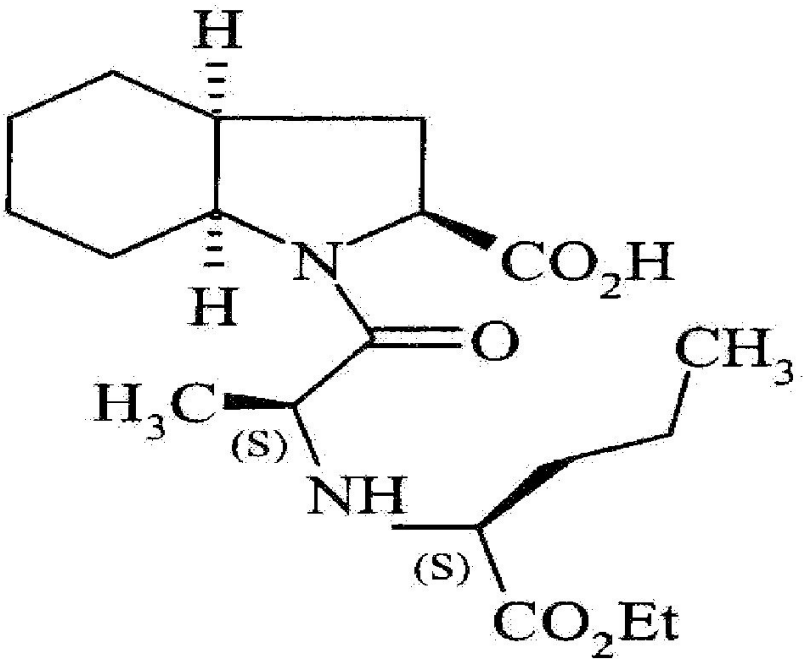
(72)**Name of Inventor :**
1)THIERRY DUBUFFET
2)PASCAL LANGLOIS

No of Pages : 9
No of Claims : 4

(57) Abstract :
Process for the synthesis of perindopril of formula (I) and pharmaceutically acceptable salts thereof.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2005
(21) Application No.3212/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ACTIVE IMMUNIZATION TO GENERATE ANTIBODIES TO SOLUBLE A-BETA"

(51) International classification :A61K
(31) Priority Document No :60/444,150
(32) Priority Date :01/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/002856
Filing Date :31/01/2004
(87) International Publication No :WO 2004/069182
(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)TEDYEDNOCK
3)NICKI VASQUEZ
4)PETER A. SEUBERT

No of Pages : 45
No of Claims : 102

(57) Abstract :
The invention provides methods useful for effecting prophylaxis or treatment of Alzheimer's disease. Such methods entail administering A-beta fragments from a central or C-terminal regions of A-beta- Such fragments can induce a polyclonal mixture of antibodies that specifically bind to soluble A-beta without binding to plaques. The antibodies can inhibit formation of amyloid deposits of A-beta in the brain of a patient from soluble Afi thus preventing or treating the disease. Fragment A-beta 15-24 and subfragments of 5-10 contiguous amino acids thereof are preferred immunogens due to their capacity to generate a high liter of antibodies.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2005

(21) Application No.3213/DELNP/2005 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : "METAL COMPLEXES AS LIGHT-ABSORBING COMPOUNDS IN THE INFORMATION LAYER OF OPTICAL DATA CARRIERS"

(51) International classification :C09B 45/00
(31) Priority Document No :103 05 924.5
(32) Priority Date :13/02/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/000878
Filing Date :31/01/2004
(87) International Publication No :WO 2004/072184
(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)SERGUEI KOSTROMINE
6)CHRISTA-MARIA KRUGER
7)TIMO MEYER-FRIEDRICHSEN
8)RAFAEL OSER
9)JOSEF-WALTER STAWITZ

No of Pages : 114

No of Claims : 34

(57) Abstract :
The invention provides novel metal complexes for optical data carriers comprising a preferably transparent substrate which may, if desired, have previously been coated with one or more reflection layers and to whose surface a light-writable information layer, if desired one or more reflection layers and if desired a protective layer or a further substrate or a covering layer have been applied, which can be written on and read by means of blue or red light, preferably laser light, where the information layer comprises a light-absorbent compound and, if desired, a binder, characterized in that at least one of the abovementioned metal complexes is used as light-absorbent compound.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2005
(21) Application No.3217/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MAGNETIC IMPLEMENT HAVING A LINEAR BH LOOP"

(51) International classification :H01F /057
(31) Priority Document No :10/348, 075
(32) Priority Date :21/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001018
Filing Date :13/01/2004
(87) International Publication No :WO 2005/062737
(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)HAMMOND,VINCENT H.
3)O'REILLY, JAMES M.

No of Pages : 13
No of Claims : 12

(57) Abstract :
Magnetic powder having a large coercivity, He, is consolidated with a nonmagnetic binder to form a magnetic implement having desired dimension and shape. The magnetic implement exhibits a liner B-H loop and low magnetic loss. It is capable of operating under a wide magnetic field range, and finds use current and pulse transformers, inductors carrying a large electrical current, stable bandpass filters, and the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2005
(21) Application No.3237/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "FAST SWITCHING POWER INSULATED GATE SEMICONDUCTOR DEVICE"

(51) International classification :H01 L 29/78
(31) Priority Document No :2003/0552
(32) Priority Date :21/01/2003
(33) Name of priority country :South Africa
(86) International Application No :PCT/ZA2004/000005
Filing Date :21/01/2004
(87) International Publication No :WO 2004/066395
(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)DEJAGER OCKER CORNELIS

No of Pages : 21
No of Claims : 11

(57) Abstract :
An insulated gate semiconductor device (30) includes a gate (34), a source terminal (36), a drain terminal (38) and a variable input capacitance at the gate. A ratio between the input capacitance (Cfiss) when the device is on and the input capacitance Cuss when the device is off is less than two and preferably substantially equal to one. This is achieved in one embodiment of the invention by an insulation layer (32) at the gate having an effective thickness dins than a minimum thickness.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2004
(21) Application No.3245/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MG2MM'O6+X, (M=Y,RARE EARTH METAL,AND M'=SN OR ZR) DIELECTRIC CERAMICS AND THEIR PREPARATION AS NANOPARTICLES

(51) International classification :C04B 35/457
(31) Priority Document No :PCT/IN03/00131
(32) Priority Date :31/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IN03/00131
Filing Date :31/03/2003
(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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No of Pages : 24
No of Claims : 36

(57) Abstract :
This invention relates to a new group of complex ceramic oxides and a process for their production. This group of novel complex ceramic oxides are of the general formula Mg2MM'O6+x, where M = Rare Earth metal ion or Yttrium or Lanthanum and M' = Sn, Sb, Zr, Hf, Ta, and Nb; and where -0.5<X

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2005
(21) Application No.3246/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "AUTO THERMAL CRACKING REACTOR "

(51) International classification :C07C 5/48
(31) Priority Document No :0303723.1
(32) Priority Date :18/02/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB01/01898
Filing Date :30/04/2001
(87) International Publication No :WO 01/83405
(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)IAN ALLAN BEATTIE REID
4)VAUGHAN CLIFFORD WILLIAMS
5)WILLIAM TERENCE WOODFIN,

No of Pages : 22
No of Claims : 21

(57) Abstract :
The present invention provides a reactor design that enables an auto-thermal cracking process to be conducted at any suitable pressure wherein the gaseous reactants are preheated separately before mixing and then presented to the reaction zone in a uniformly distributed manner. In particular, the presentinvention-relates to apparatus 'for reacting a first and second gaseous reactant to form a gaseous product wherein the apparatus comprises at least one first supply means for the first gaseous reactant, at least one second supply means for the second gaseous reactant, a resistance zone and a reaction zone, preferably comprising a catalyst, wherein the first supply means comprises a plurality of first outlets for delivery of the first gaseous reactant, and the second supply means comprises a plurality of second outlets for delivery of the second gaseous reactant, the resistance zone is porous, the reaction zone is positioned downstream of the resistance zone with respect to the flow of the first and second gaseous reactants and wherein the first supply means and the second supply means are arranged such that the first gas and the second gas are contacted in an essentially parallel manner and mixed prior to contacting the resistance zone. The present invention also provides a process for the production of a mono-olefin utilizing said apparatus.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2005
(21) Application No.3247/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "COMMUNICATION SYSTEM"

(51) International classification :H04B 13/00
(31) Priority Document No :P2003-051867
(32) Priority Date :27/02/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/002371
Filing Date :27/02/2004
(87) International Publication No :WO 2004/077704
(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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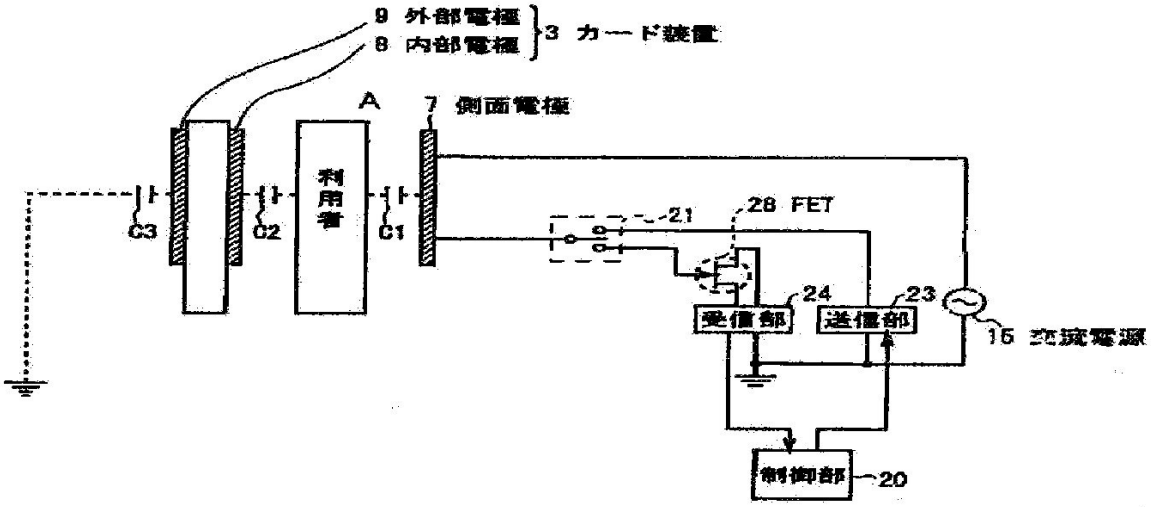
(72)**Name of Inventor :**
1)TAKIGUCHI KIYOAKI

No of Pages : 75
No of Claims : 29

(57) Abstract :
It is possible to improve the degree of freedom in the communication using a quasi-electrostatic field. A communication system (1) includes a card device (3) (ticket gate 2) generating from an internal electrode (8) (side electrode 7), a quasi-electrostatic field according to an identification signal S5 (communication signal S9) modulated according to identification information S4 (communication information S8), thereby charging a human body. The ticket gate (2) (card device 3) detects a displacement of intensity of the information transmission quasi-electrostatic field DTD formed isotropically in the vicinity of the human body, via the side electrode (7) (internal electrode 8) and FET (28) (FET 37) and demodulates the identification information S4 (communication information S8) according to the detection result. Thus, it is possible to realize information transmission/reception without posing direction constraint in the vicinity of a human body or requiring a predetermined action of a human body and while assuring secrecy. This significantly increases the degree of freedom in communication.



9...EXTERNAL ELECTRODE
8...INTERNAL ELECTRODE
3...CARD DEVICE
A...USER
7...SIDE ELECTRODE
24...RECEPTION SECTION
23...TRANSMISSION SECTION
15...AC POWER SOURCE
20...CONTROL SECTION

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2004
(21) Application No.3250/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NEW NON-CROSS-LINKING PYRROLO[2,1-C][1,4]BENZODIAZEPINES USEFUL AS POTENTIAL ANTI-CANCER AGENTS

(51) International classification :C07D 519/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB03/01182
Filing Date :31/03/2003
(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)GUJJAR RAMESH
3)OLEPU SRINIVAS
4)PODDUTOORI RAMULU

No of Pages : 29
No of Claims : 25

(57) Abstract :
The present invention relates to novel pyrrolo[2,l-c] [l,4]benzodiazepines compounds of general formula V as shown below, which are useful as potential antitumour agents and a process of preparing these compounds; particularly the present invention provides a process for the preparation of 7-methoxy-8-{n-[7-methoxy-(l laS)-l,2,3,10,11,1 la-hexahydro-5//-pyrrolo[2,l-c][l,4]ben-zodiazepine-5-one-8-yloxy]alkyloxy}-(llaS)-l,2,3,lla-tetrahydro-5//-pyrrolo[2,l-c][l,4] benzodiazepin-5-one, with varying aliphatic chain length and its 2-hydroxy derivatives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2005
(21) Application No.3255/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A MESSAGING SYSTEM AND METHOD THEREFOR

(51) International classification :H04Q 7/24
(31) Priority Document No :200300644-2
(32) Priority Date :18/02/2003
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2004/000030
Filing Date :04/02/2004
(87) International Publication No :WO 2004/075572
(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)JOSEPH MICHAEL C. GARROVIALLO

No of Pages : 24
No of Claims : 11

(57) Abstract :
A method of conveying information between a wireless communication device (13a) and a computer (15) providing a messaging service comprising sending a message from the wireless communication device (13a) to said computer (15), the message including an address for the computer (15), and receiving the communication at the computer 15). The address is formed by combining an Access Code (AC) uniquely identifying the computer and a Unique Identification Code (UIC) signifying; (i) a prescribed action to be performed by the computer (15); and (ii) an entity that is the subject of the prescribed action. At least one character of the address is common to both the Access Code and the Unique Identification Code and the address is arranged such that said at least one common character is unified within the address such that the number of characters in the address string is less than the total number of characters in the Access Code and the Unique Identification Code.

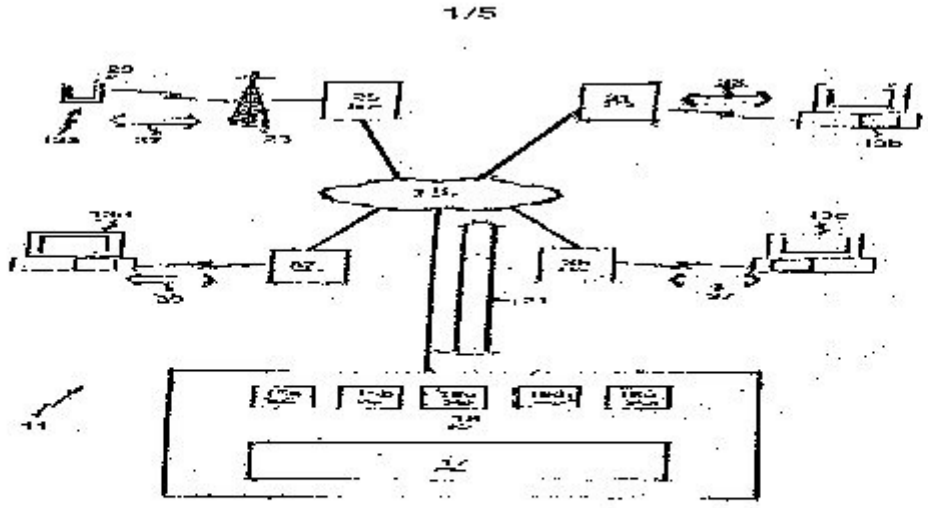

Figure 1

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Attorneys for the applicant

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2004
(21) Application No.332/DEL/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HIGH TEMPERATURE CORROSION INHIBITOR FOR CHELATING AGENTS.

(51) International classification	:C 23 F 11/00	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

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2)MUTHUSAMY KALYANASUNDARAM
3)VELLAYAN ILAYAPERUMAL

No of Pages : 8
No of Claims : 4

(57) Abstract :
A corrosion inhibitor consisting of (A) a condensation adduct which is prepared by (1) reacting about 1 mole of a compound containing 1 to 3 numbers of active hydrogen atoms selected from the group consisting of an N-alkyl acetamide, a polynuclear Hydrazide, Hydroxamic acid and N-substituted alycyclic amine; (2) from 1 to 10 moles of an aldehyde selected from the group consisting of abietyl-, dihydro abeityl aldehydes, formaldehyde and allyl aldehyde and mixtures thereof; (3) from 1 to 10 moles of a primary amine selected from the group consisting of nondecylamine, isoamyamine, dipropylamine, cyclohexylamine, octylamine, didecylamine and propylenediamine and mixtures thereof; (4) from 0 to 5 moles of concentrated sulphuric acid catalyst if needed; (B) containing from 0.1 to 30 moles and preferably from 0.1 to 2.0 parts by weight based on reactant (A) of a carboxylic acid selected from a group consisting of citric acid, acetic acid, formic acid, dimethyl acetic acid, and hydroxy acetic and all dissolved or suspended in a polyalkylene glycol of molecular weight from 60 to 300, obtained by reacting the aforenamed components A and B at from 60°C to 130°C for 05 to 30 hours;

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2005
(21) Application No.3367/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "USE OF RECYCLED PLASTICS FOR PREPARING HIGH PERFORMANCE COMPOSITE RAILROAD TIES"

(51) International classification :C08L 17/00
(31) Priority Document No :09/237917
(32) Priority Date :27/01/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/01348
Filing Date :21/01/2000
(87) International Publication No :WO 2000/44828
(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)JAMES KERSTEIN

No of Pages : 25
No of Claims : 30

(57) Abstract :
The present invention relates to use of plastic materials for manufacturing railroad ties. In particular, the invention relates to manufacturing high performance railroad ties from recycled plastics containing polyolefin and polystyrene materials.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2005
(21) Application No.3608/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "TORQUE CONVERTER AND SYSTEM USING THE SAME"

(51) International classification :F16H41/26
(31) Priority Document No :60/440,622
(32) Priority Date :17/01/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001020
Filing Date :16/01/2004
(87) International Publication No :WO 2004/067997
(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)RICHARD J. WISE

No of Pages : 22
No of Claims : 32

(57) Abstract :
A torque converter includes a flywheel rotating about a first axis, the flywheel including a first body portion, a first plurality of permanent magnets mounted in the first body portion, each of the first plurality of permanent magnets extending along a corresponding redial axis direction with respect to the first axis, and a second plurality of permanent magnets mounted in the first body portion, each of the second plurality of permanent magnets being located between a corresponding adjacent pair of the first plurality of permanent magnets, and a generator disk rotatable about a second axis perpendicular to the first axis, the generator disk including as second body portion, and a third plurality of permanent magnets within the second body portion magnetically coupled to the first and second pluralities of permanent magnets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2005
(21) Application No.439/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "IMPROVEMENTS RELATING TO PLANT PROPAGATION"

(51) International classification :A01C 1/00
(31) Priority Document No :PN 9673
(32) Priority Date :03/05/1996
(33) Name of priority country :Australia
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1095/DEL/97
Filed on :29/04/1997

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PETER JOHNSTONE

No of Pages : 10
No of Claims : 13

(57) Abstract :
There is disclosed the provision of a plastic film for covering soil for use in cropping or covering a frame for greenhouse effect, wherein at least part of the film has been stretched beyond its yield point prior to application. In alternative forms, the film undergoes a secondary stretch to form a predetermined pattern of weakness in certain localised areas of the film. The film may be photodegradable and biologically degradable to accelerate decomposition of the film when exposed to the elements.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2001
(21) Application No.760/DEL/2001 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A NOVEL DEVICE FOR BOTTOM HOLE NON-ELECTRIC INITIATION OF NON-CAP SENSITIVE EXPLOSIVE COLUMN AND A PROCESS THEREFOR

(51) International classification	:F42D 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

(71)**Name of Applicant :**
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3)MORE RAMULU
4)PARTHO BISWAPATI CHOUDHAURY
5)ABHAY DUDHANKAR
6)JAYANTILAL JETHWA

No of Pages : 13
No of Claims : 9

(57) Abstract :
The present invention provides a novel device for bottom hole non-electric initiation of non-cap sensitive explosive column which comprises a conventional detonating fuse capable of transmitting shock wave, the said fuse having a booster charge at the bottom and being connected to a non-metallic flexible rope having one or more booster charges fixed to it at certain interval to maintain a ratio of 1:500 by weight between booster and explosive mass, the said detonating fuse and the rope being held parallel, separated by non-metallic spacers to prevent premature initiation of other booster charges prior to the initiation of the bottom most one.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2005
(21) Application No.842/DELNP/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD AND APPARTUS FOR CONTROLLING THE SIZE OF POWDER PRODUCED BYTHE ARMSTRONG PROCESS"

(51) International classification :B22F 9/28
(31) Priority Document No :60/408,683
(32) Priority Date :07/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US/2003/027391
Filing Date :03/09/2003
(87) International Publication No :WO 2004/022269
(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)ANDERSON, RICHARD
2)ARMSTROMG, DONN
3)JACOBSEN, LANCE

No of Pages : 3
No of Claims : 26

(57) Abstract :
A method of controlling the size and morphology of powder made by the subsurface injection of a halide vapor into a liquid metal is disclosed. A reaction zone is established and the temperature thereof or the time the powder remains therein is controlled to change powder characteristics.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2004
(21) Application No.871/DELNP/2004 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPIRO-HYDANTOIN COMPOUNDS USEFUL AS ANTI-INFLAMMATORY AGENTS

(51) International classification :A61K31/00
(31) Priority Document No :60/326,361
(32) Priority Date :01/10/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/31283
Filing Date :30/09/2002
(87) International Publication No :WO 03/029245 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)BRISTOL-MYERS SQUIBB COMPANY
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5)ERIC ANTOINE NICOLAI
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No of Pages : 201
No of Claims : 29

(57) Abstract :
Compounds having the formula (I), and pharmaceutically-acceptable salts, hydrates,enantiomers, and diastereomers, and prodrugs thereof, (I) are useful as inhibitors of LFA-1/ICAM and as anti-inflammatory agents, wherein L and K are O or S; Z is N or CR4b; Ar is an optionally-substituted aryl or heteroaryl; G is a linker attached to T or M or is absent; J, M and T are selected to define a three to six membered saturated or partially unsaturated non-aromatic ring; and R2 ,R4a, R4b, and R4c are as defined in the specification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2005
(21) Application No.984/DEL/2005 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PHENYL ALKYL KETONE SUBSTITUTED BY CYCLIC AMINE AND A ROCESS FOR THE PREPARATION THEREOF"

(51) International classification :A61K
(31) Priority Document No :1138/96
(32) Priority Date :03/05/1996
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1121/DEL/1997
Filed on :30/04/1997

(71)**Name of Applicant :**
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2)RUDOLF SCHWABE
3)RETO LUISOLI

No of Pages : 34
No of Claims : 6

(57) Abstract :
the present invention relates to novel phenyl alkyl ketones which are substituted by cyclic amine, to a novel process for the preparation thereof, to their use for the preparation of photoinitiators for the photopolymerisation of ethylenically unsaturated compounds, as well as to a photopolymerisable composition comprising such photoinitiators.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2000

(21) Application No.IN/PCT/2000/00112/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CRYSTALLINE TNF-D-CONVERTING ENZYME AND USES THEREOF

(51) International classification :G01N 33/50
(31) Priority Document No :60/073, 709
(32) Priority Date :04/02/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/02185
Filing Date :03/02/1999
(87) International Publication No :WO 99/40182
(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)AMERICAN HOME PRODUCTS CORPORATION
(72)**Name of Inventor :**
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4)KLAUS MASKOS
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6)JAMES MING CHEN
7)JEREMY IAN LEVIN

No of Pages : 91
No of Claims : 69

(57) Abstract :
A tumor necrosis factor-α converting enzyme (TACE) is produced, purified, and crystalized. The three-dimensional coordinates of the crystal are obtained by X-ray diffraction. The coordinates can be recorded on a computer readable medium, or are part of a video memory, where they can be used as part of a system for studying TACE. The coordinates are also used in designing, screening, and developing compounds that associate with TĂCU.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2000
(21) Application No.IN/PCT/2000/00208/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "GROUP B STREPTOCOCCUS ANTIGENS"

(51) International classification :C12N 15/31
(31) Priority Document No :60/075,425
(32) Priority Date :20/02/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA99/00114
Filing Date :17/02/1999
(87) International Publication No :WO 99/42588
(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)MARTINE BOYER
4)ISABELLE CHARLEBOIS
5)JOSEE HAMEL
6)DENIS MARTIN

No of Pages : 49
No of Claims : 53

(57) Abstract :
Group B streptococcus (OBS) proteins and polynucleotides encoding them are disclosed. Said proteins are antigenic and therefore useful vaccine components for the prophylaxis or therapy of streptococcus infection in animals. Also disclosed are recombinam methods of producing the prtein antigens as wcll as diagnostic assays for detecting streptococcus bactetrial infection.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2001
(21) Application No.IN/PCT/2001/00165/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PYRROLOINDOLES, PYRIDOINDOLES, AND AZEPINOINDOLES AS 5-HT2C AGONISTS"

(51) International classification :A61K 31/403
(31) Priority Document No :9819035.8
(32) Priority Date :01/09/1998
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB99/02884
Filing Date :01/09/1999
(87) International Publication No :WO 00/12510
(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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4)RICHARD JOHN HAMLYN
5)SUNEEL GAUR
6)MATTHEW ALEXANDER JAMES DUNCTON
7)JAMES EDWARD PAUL DAVIDSON
8)MICHAEL JOHN BICKERDIKE
9)IAN ANTHONY CLIFFE
10)HOWARD LANGHAM MANSELL

No of Pages : 50
No of Claims : 34

(57) Abstract :
A chemical compound of formula (I), wherein n is 1, 2 or 3; RI and R: are independently selected from hydrogen and alkyl; R3is alkyl; R4 to R7 are independently selected from hydrogen, halogen, hydroxy, alkyl, aryl, alkoxy, aryloxy, alkylthio, arylthio, alkylsulfoxyl, alkylsulfonyl, arylsulfoxyl, arylsulfonyl, amino, monoalkylamino, dialkylamino, nitro, cyano, carboxaldehyde, alkylcarbonyl, arylcarbonyl, aminocarbonyl, monoalkylaminocarbonyl, dialkylaminocarbonyl, alkoxycarbonylamino, aminocarbonyloxy, monoalkylaminocarbonyloxy, dialkylaminocarbonyloxy, monoalkylaminocarbonylamino and dialkylaminocarbonylamino, or RS and Re together form a carbocyclic or heterocyclic ring, and pharmaceutically acceptable salts and prodrugs thereof, and the use thereof in therapy, particularly for the treatment of disorders of the central nervous system; damage to the central nervous system; cardiovascular disorders; gastrointestinal disorders, diabetes insipidus, and sleep apnea, and particularly for the treatment of obesity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2001

(21) Application No.IN/PCT/2001/00426/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "REGULATORY/UNFOLDING PEPTIDES OF EZRIN"

(51) International classification :C07K 14/47
(31) Priority Document No :9921881.0
(32) Priority Date :17/09/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB00/03566
Filing Date :15/09/2000
(87) International Publication No :WO 01/025275
(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)RUPERT DONALD HOLMS

No of Pages : 33
No of Claims : 30

(57) Abstract :
This invention describes novel charged molecules which specifically bind to the Hepreceptor, a regulatory site which I have discovered in human ezrin. My invention is that when peptides or other charged molecules bind to the Hepreceptor, medically useful immune responses are induced. These charged molecules can be administered orally and by other routes for the treatment of vanous uvfectious diseases and cancer. I have determined that the Hepreceptor (buman ezrin 308-373) compnses of two adjacent alpha helical domains which are folded together at a hinge region (M339-M340) and stabilised by complimentary side chain charges of the primary amino acid sequence in the soluble cytoplasmic conformation of ezrin. l have determined that in the unfolded membrane associated conformation of ezrin. the Hepreceptor is pushed through the cell membrane and is exposed on the outer surface of the cell. Hepreceptor-Domain A (amino acid numbers 308-339 of human ezrin), compnses of the following 32 amino acid se-quence. SEQID1AREEKHQKQLERQQLETEKKRRETVEREKEQM Hepreceptor-Domain B (amino acid numbers 340-373 of human ezrin), compnses of the following 34 amino acid sequence (Tyrosine 353 [Y] may be phosphorylated to phospbotyrosine [Yp] in the membrane associated conformation of ezrin): SEQ ID2MREKEELMLRLQD Y(p) E E K T K KAERELSEQIQRALQ.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2001
(21) Application No.IN/PCT/2001/00791/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "A MEANS FOR THE PROPHYLACTIC AND THERAPEUTIC TREATMENT OF STREPTOCOCCAL INFECTIONS"

(51) International classification :A61K 38/44
(31) Priority Document No :PCT/US99/04063
(32) Priority Date :31/08/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/04063
Filing Date :25/02/1999
(87) International Publication No :WO 00/50069
(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)LOOMIS, LAWRENCE

No of Pages : 21
No of Claims : 33

(57) Abstract :
The present invention relates to compositions containing Group C streptococcal phage associated lysin enzyme for the prophylactic and therapeutic treatment of Streptococcal infections, including the infection commonly known as strep throat. Methods for therapeutically and prophylactically treating such infections also are described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2001
(21) Application No.IN/PCT/2001/00873/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ORGAN ARREST, PROTECTION AND PRESERVATION"

(51) International classification :A01N 1/02
(31) Priority Document No :PP 9414
(32) Priority Date :23/03/1999
(33) Name of priority country :Australia
(86) International Application No :PCT/AU00/00226
Filing Date :22/03/2000
(87) International Publication No :WO 00/56145
(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)DOBSON, GEOFFREY PHILLIP

No of Pages : 54
No of Claims : 43

(57) Abstract :
The present invention relates to a method for arresting, protecting and/or preserving an organ which include administering effective amounts of (i) a potassium channel opener or agonist and/or an adenosine receptor agonist and (ii) local anaesthetic to a subject in need thereof. The present invention also relates to a method for arresting, protecting and/or preserving an organ which comprises adding a composition which includes effective amountt of (1) a potassium channel opener or agonist and/or an adenosine receptor agonist and (ii) a local anaesthetic to the organ. The present invention further provides a pharmaceutical or veterinary composition which includes effective amounts of (i) a potassium channel opener or agonist and/or an adenosine receptor agonist and (ii) a local anaesthetic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2001
(21) Application No.IN/PCT/2001/01140/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "USE OF ANTIBODIES AGAINST CD20 FOR THE TREATMENT OF THE GRAFT VERSUS HOST DISEASE"

(51) International classification :A61K 39/395
(31) Priority Document No :MI99A001299
(32) Priority Date :11/06/1999
(33) Name of priority country :Italy
(86) International Application No :PCT/EP00/05212
Filing Date :07/06/2000
(87) International Publication No :WO 00/76542
(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)INTRONA MARTINO
3)RAMBALDI ALESSANDRO
4)BIONDI ANDREA

No of Pages : 14
No of Claims : 11

(57) Abstract :
It is described the use of antibodies against exogenous surface antigens not present on normal human T lymphocytes for the preparation of compositions for the treatment of the graft versus host disease in patients who have received T lymphocytes transduced with such exogenous surface antigens.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2002

(21) Application No.IN/PCT/2002/00247/DEL A

(43) Publication Date : 25/05/2007

(54) Title of the invention : "MESOPROGESTINS [PROGESTERONE RECEPTOR MODULATORS] AS A COMPONENT OF FEMALE CONTRACEPTIVES"

(51) International classification	:A61K 31/00	(71)**Name of Applicant :**
(31) Priority Document No	:09/386,133	**1)JENAPHARM GMBH & CO. KG.**
(32) Priority Date	:31/08/1999	Address of Applicant :OTTO-SCHOTT-STRASSE 15, 07745 JENA, GERMANY. Germany
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB00/02053	(72)**Name of Inventor :**
Filing Date	:31/08/2000	**1)KRISTOF CHWALISZ**
(87) International Publication No	:WO 01/26603	**2)WALTER ELGER**
(61) Patent of Addition to Application Number	:NA	**3)GERD SCHUBERT**
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 38

(57) Abstract :

The present invention relates to the use of mesoprogestins for the production of a pharmaceutical for female contra-ception, to a pharmaeutical preparation for female contraception and to a method of female contraception administering effective amounts of a mesoprogestin in a female desiring contraception. Optionally the mesoprogestin can be used in combination with an estrogen. Mesoprogestins are defined as compounds possessing both agonistic and aotagonistic activities at the progesterone recep-tor (PR) in vivo. They stabilize the function of PR at an intermediate level of agonistic and antagonistic. Corresponding funcțional states cannot be achieved with progestins or antiprogestins. J867, J912, J956 and J1042 are the mesoprogestins preferred according to the invention.

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

(21) Application No.IN/PCT/2002/00621/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOUNDS SPECIFIC TO ADENOSINE A1, A2A, AND A3, RECEPTORS AND USES THEREOF

(51) International classification :A61K 31/519
(31) Priority Document No :09/454,074
(32) Priority Date :02/12/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/32702
Filing Date :01/12/2000
(87) International Publication No :WO 01/39777
(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)BRYAN MCKIBBEN,
3)DAVID J. WITTER,

No of Pages : 352
No of Claims : 156

(57) Abstract :
This invention pertains to compounds which specifically inhibit the adenosine AI, A2A, and A3 receptors and the use of these compounds to treat a disease associated with A1 A2A, and A3 adenosine receptors in a subject, comprising administering to the subject a therapeutically effective amount of the compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/01/2003
(21) Application No.IN/PCT/2003/00001/DEL A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "LIPOSOMIC FORMULATION OF CLOBETASOL PROPIONATE"

(51) International classification :A61K 9/00
(31) Priority Document No :CU 171/2000
(32) Priority Date :17/07/2000
(33) Name of priority country :Cuba
(86) International Application No :PCT/CU01/00005
Filing Date :17/07/2001
(87) International Publication No :WO 02/07702
(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 : 13
No of Claims : 18

(57) Abstract :
The present invention is related with a liposomal formulation of Clobetasol Propionate for topical use, for the treatment of skin disorders like atopic dermatitis and psoriasis, with excellent organoleptic aspect, very good therapeutic effect and favourable distribution in the stratum corneum. The liposomes include the Clobetaso! Propionate as active ingredient in low doses. These liposomes are stable and doubfe-layered multi-lamellar vesicles, with size average between 2000 - 5000 nm. The quantity of the active ingredient is preferably between 0.02 and 0.025%. The pharmaceutical form of the product is preferably a gel.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2005

(21) Application No.1260/DELNP/2005 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE SIMULTANEOUS CONVERSION OF METHANE AND ORGANIC OXYGENATE TO C2-C10 HYDROCARBONS AND HYDROGEN USING BIFUNCTIONAL PENTASIL ZEOLITE CATALYST

(51) International classification	:B01J 29/40
(31) Priority Document No	:PCT/IN03/00120
(32) Priority Date	:25/03/2003
(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 :**
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Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG NEW DELHI 110001 INDIA. Delhi India
(72)**Name of Inventor :**
1)CHAUDHARY VR
2)MONDAL KC, MULLA SA

No of Pages : 28

No of Claims : 10

(57) Abstract :
A process for the non-oxidative conversion of methane simultaneously with the conversion of an organic oxygenate, represented by a general formula: CnH2n+1 OCmH2m+1, wherein C, H and O are carbon, hydrogen and oxygen elements, respectively; n is an integer having a value between 1 and 4; and m is an integer having a value between zero and 4, to C2+ hydrocarbons, particularly to gasoline range C6 - C10 hydrocarbons and hydrogen, using a bifunctional pentasil zeolite catalyst, having strong acid and dehydrogenation functions, at a temperature below 700Â°C is disclosed. In this process the moles of methane converted per mole of oxygenate converted is above 1.0, depending upon the process conditions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 01146/CAL/1998 A
(22) Date of filing of Application: 30/06/1998 (43) Publication Date: 25/05/2007

(54) Title of the invention: : A METHOD OF REGULATING A DRAWING APPARATUS AND A REGULATED DRAWING APPARATUS

(51) International classification : D01H 5/32
(31) Priority Document No : 19727985.6
19822886.4
(32) Priority Date : 01/07/1997
22/05/1998
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: TRUTZSCHLER GMBH & CO. KG.,

Address of the Applicant:

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(72) Name of the Inventor: FERDINAND LEIFFLD.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A regulated draw frame 2 for fibre material comprising at least one drafting zone, a controllable or regulatable drawing apparatus 26 for' determining the degree of drafting in the mentioned drafting zone 13/11; 11, 12/1, a programmable control means for the drawing apparatus and at least one sensor 9 for ascertaining at a measuring point the throughout fibre mass per unit of length, a draft—determining signal is stored in a memory of the control means over a predetermined period and information for adapting the drawing apparatus is obtained from the stored values. In order to substantially improve the adaptation of the draw frame 2 to any change of material and/or when there are changes in the quality of the fibre structure (s) to be produced, the information comprises a spectrogram of at lease one fibre structure 3;8, the shape (form, content) of which spectrogram is evaluated and used to adapt the drawing system.

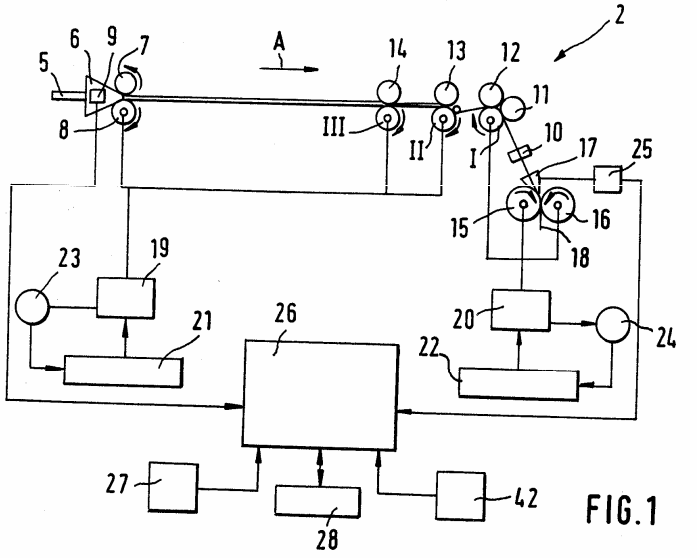

FIG.1

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 01658/CAL/1998** **A**
(22) **Date of filing of Application: 21/09/1998** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: COUPLING TOOTH IN A GEAR BOX**

(51)	**International classification**	:	**F16D 11/14, F16D 23/02**
(31)	**Priority Document No**	:	**19741613.6-12**
(32)	**Priority Date**	:	**20/09/1997**
(33)	**Name of priority country**	:	**DE**
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
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Address of the Applicant:
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(72) **Name of the Inventor:**
1. **GORG TAUSCHEK**
2. **PETER GUTMANN**
3. **GERD WEISSMANN**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Coupling tooth for arrangement on a gear box, the teeth of which are fitted to the base end of a cylindrical base (12) in relation to the rotational axis, elongate in axial direction and provided at their coupling end with a rounded rood edge sloping from the tooth base (1) towards the tooth head (2) characterized in that the radius of the rounded roof edge (5) increases from the tooth base (1) towards the tooth head (2).

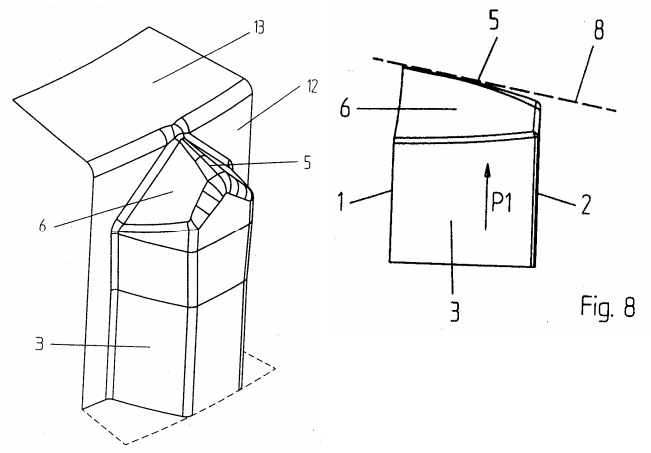

Fig. 8

(FIG. – 8,16)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00005/CAL/2001** **A**

(22) **Date of filing of Application: 02/01/2001** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "SHOCK ABSORPTION UNIT AND A BELT CONVEYOR SYSTEM INCORPORATING THE SAME"**

(51)	**International classification**	:	**B65G 15/00**
(31)	**Priority Document No**	:	**N.A**
(32)	**Priority Date**	:	**N.A**
(33)	**Name of priority country**	:	**N.A**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) Name of Applicant: TEGA INDIA LIMITED

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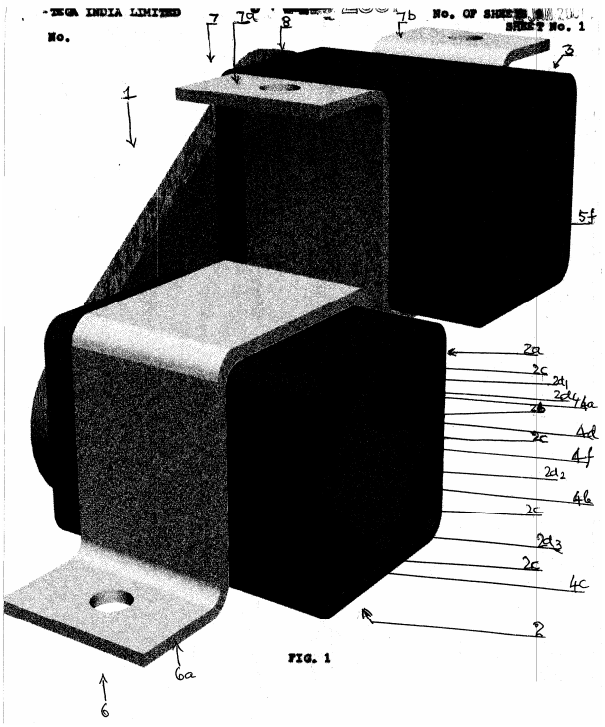
(72) **Name of the Inventor: MADAN MOHAN MOHANKA,**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: There is disclosed a novel shock absorption unit for use in systems where the damages done to the contact surfaces due to sudden impact forces are to be eliminated or substantially reduced comprising a pair of sub-units, each sub-unit having an outer member housing a co-axially disposed Inner member with annular spaces there between said annular spaces being provided with rubber pulps to hold the said two members tightly in positions, in each said sub-unit, the two • sub-units being operably connected to each other and also adopted to be mounted to the system where needed.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00200/CAL/2002** **A**

(22) **Date of filing of Application: 08/04/2002** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : SENSOR LINE**

(51) **International classification : D01G 1/00**
D016 H 3/08

(31) **Priority Document No : 10117698.8**

(32) **Priority Date : 09/04/2001**

(33) **Name of priority country : GERMANY**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**
Filed on : NIL

(62) **Divisional to Application No : NIL**
Filed on : NIL

(71) **Name of Applicant:**
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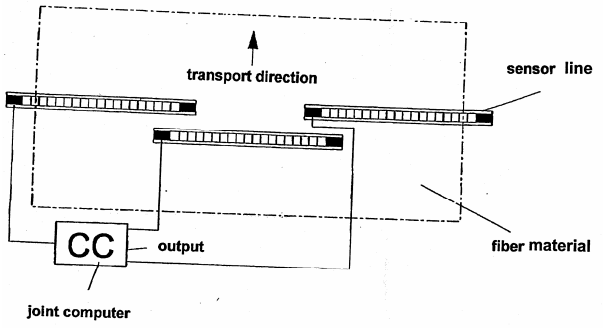
(72) **Name of the Inventor:**
HERGETH HUBERT A.,

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A system for inspecting moved textile material using multiple sensor lines which are positioned offset.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00015/KOL/2003 A**
(22) Date of filing of Application: 15/01/2003 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: A METHOD FOR IDENTIFICATION OF A DRUG AT ULTRA HIGH DILUTION OR A HOMEOPATHIC POTENCY

(51)	**International classification**	:	A61J 3/00
(31)	**Priority Document No**	:	
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	NA
		:	
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant: NIRMAL CHANDRA SUKUL
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(72) Name of the Inventor: NIRMAL CHANDRA SUKUL

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method for identification of drug a dilution above the avogadro number by spectroscopic methods of potentized drug and differentiating it from its diluent medium i.e 90% ethanol using a UV-VIS spectrometer identification of the potency is further confirmed by analysing the fourier transformed infrared (FTIR) spectrum of the potency in the wave number range if 4000 to 1400 cm^{-1} with reference to the stretching and bending vibrations.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00066/KOL/2003** **A**

(22) **Date of filing of Application: 07/02/2003** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "IMPROVEMENT IN THE STRUCTURE OF AN ANTI SHOCK DEVICE"**

(51) **International classification : E04 B 1/98**
E04H 9/02

(31) **Priority Document No : 10/091,540**

(32) **Priority Date : 07/03/2002**

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

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

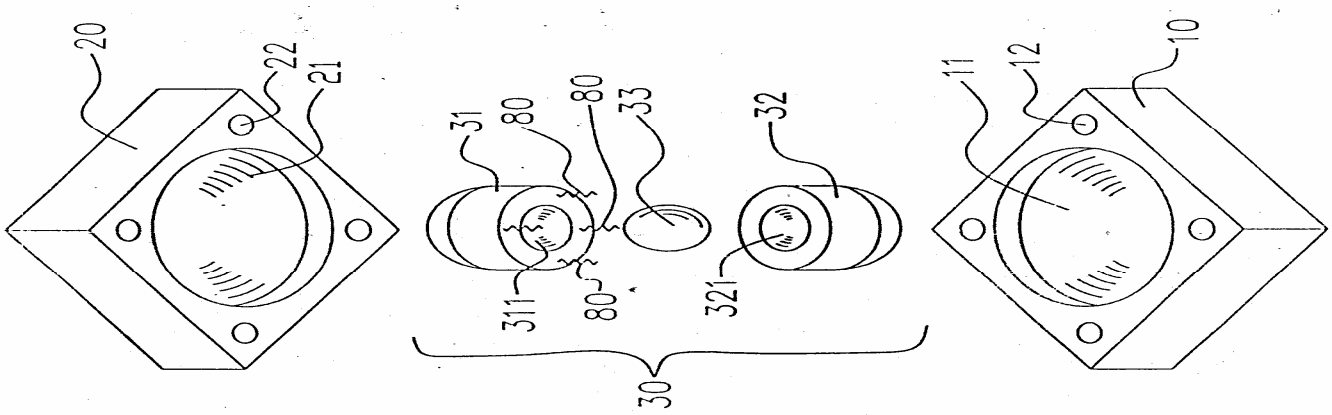
(71) **Name of Applicant: TSAI, CHONG-SHIEN,**

Address of the Applicant: 9, ALLEY10, LANE 86, SEC.2, NAN KANG ROAD, TAIPEI CITY, TAIWAN

(72) Name of the Inventor: **TSAI, CHONG-SHIEN,**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: An improvement in the structure of an anti-shock device utilized for buildings, important structures and bridge structures that is comprised of a base, a carrier, a slide block, and a plurality of springs. A slip concavity of a sunken round curved recess is respectively formed in the base top surface and in the carrier bottom surface, and an upper slide block member and a lower slide block member are situated between the two slip concavities. One contact surface between the two slide block members and slip concavities is of a curved contour and the other surfaces are indented seating recesses. A spheroid coupling bearing is nested between the two seating recesses and the upper and lower slide block members are held together by the springs. As so assembled, the anti-shock device base is fastened under the columns of a building structure such that the building achieves the objectives of exceptional shock eliminating capability and greater building structure safety.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00069/KOL/2004** **A**

(22) **Date of filing of Application: 23/02/2004** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "AUGMENTOR"**

(51) **International classification : FO2K 3/10**

(31) **Priority Document No : 10/388, 249**

(32) **Priority Date : 13/03/2003**

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

(86) **International Application No and Filing Date:**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

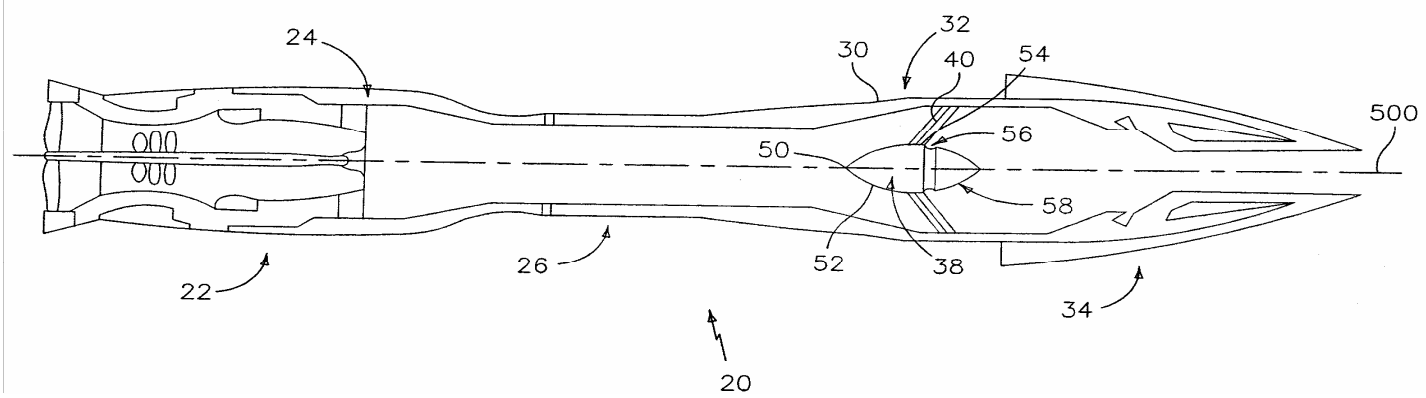
(71) **Name of Applicant: UNITED TECHNOLOGIES CORPORATION,**

Address of the Applicant: UNITED TECHNOLOGIES BUILDING, HARTFORD CONNECTICUT 0610106101

(72) **Name of the Inventor: 1.BUEY JOHN R 2.BONNELL JOHN M**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A turbine engine has a center body within a gas flowpath and a downstream tailcone and a pilot at an upstream end of the tailcone. A flameholder is positioned in the flowpath outboard of the centerbody. The pilot has a first surface diverging in a downstream direction.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00055/KOL/2005** **A**
(22) **Date of filing of Application: 31/01/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: AN ON BOARD PROCESSING BUNIT FOR A GLOBAL POSITIONING SYSTEM**

(51)	**International classification**	:	**G06P 17/00, G01C 22/00**
(31)	**Priority Document No**	:	
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) **Name of Applicant:**
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2. **MONTU AMIT KR**
3. **ANAND V.K.**
4. **AGNIHOTRI ANURAG**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to an on—board processing unit comprising a single board embedded controller card for a (BPS based truck dispatch system for tracking on—line movement of vehicles, said on—board processing unit comprising an enclosure capable of withstanding harsh environmental conditions; a DC/DC converter for deriving power from the battery of said vehicles a radio unit for the data communication with a base unit; and a GPS module for capturing real time geo—coordinates through a receiver.

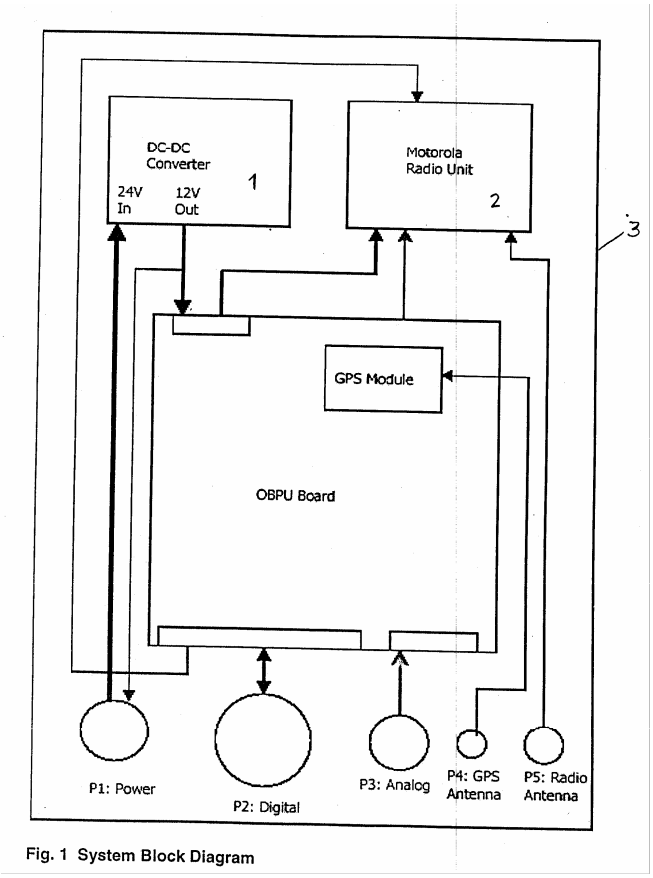

Fig. 1 System Block Diagram

(FIG. - 1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00086/KOL/2005** **A**
(22) **Date of filing of Application: 09/02/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : PLUG CASING FOR INDUSTRIAL APPLICATION**

(51) **International classification : HO1R**
(31) **Priority Document No : EP 04003701.2**
(32) **Priority Date : 19/02/2004**
(33) **Name of priority country : EUROPE**
(86) **International Application No and Filing Date: : NIL**
(87) **International Publication No : NIL**
(61) **Patent of addition to Application No : NIL**
Filed on : NIL
(62) **Divisional to Application No : NIL**
Filed on : NIL

(71) Name of Applicant: REICHLE & DE-MASSARI AG
Address of the Applicant:
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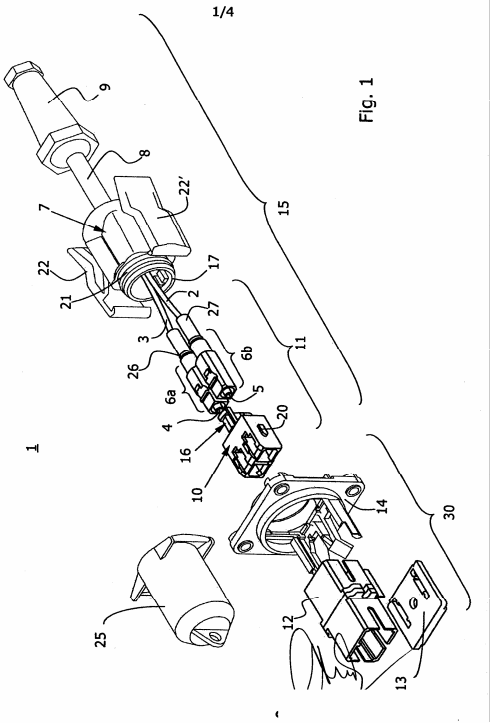
(72) **Name of the Inventor: MUEHLEGG MARION**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A plug casing (10) for an optical plug connector (11), such as is used for optical plug arrangements (15), is provided with first fastening means (16) with which the plug casing (10) can be fastened to a plug connector capsule (7). Said first fastening means (16) are preferably designed to enable a detachable attachment and are provided with engagement elements (24, 24, 24") in order to mutually and complementarily act in the manner of a snap-in connection with the plug connector capsule (7). A particular embodiment provides for designing said first fastening means (16) in such a manner, that a rotatable snap-in latch can be achieved. The plug connector capsule (7) is provided with second fastening means, which act together with the first fastening means (24, 24' 24") of the plug casing (10).



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00115/KOL/2005 A

(22) Date of filing of Application: 18/02/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : SADDLE TYPE VEHICLE AND ENGINE CONTROLLING APPARATUS AND IDLE STOP CANCELLING METHOD FOR THE SADDLE TYPE VEHICLE

(51) International classification : F02D 29/02
(31) Priority Document No : 2004-042056
(32) Priority Date : 18/02/2004
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: YAMAHA HATSUDOKI KABUSHIKI KAISHA

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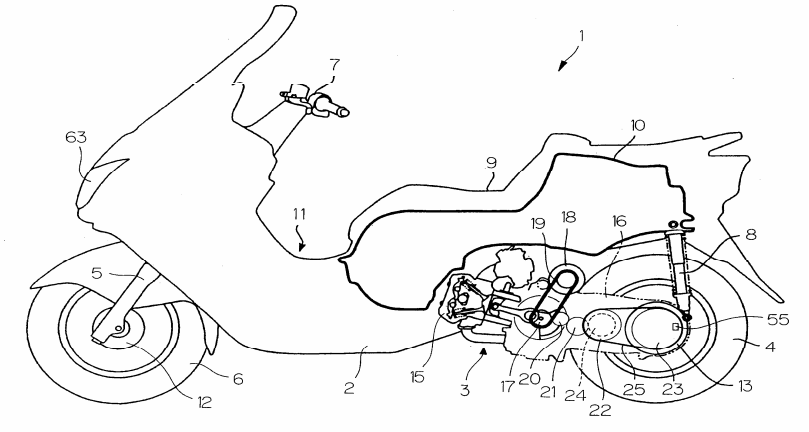
(72) Name of the Inventor: HIDETOSHI ISHIGAMI

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A saddle type vehicle (1) includes an engine (15) for driving a wheel (4) of the vehicle (1) , and a braking apparatus (12, 13) The vehicle (1) includes an engine stop controlling unit (S8, S26, S27) which stops the engine (15) when a predetermined engine stop condition is satisfied, a brake state detecting unit (S6) which detects a brake state of the braking apparatus (12, 13), and a restart controlling unit (S29, S72) which restarts the engine (15) once stopped by the engine stop controlling unit (S8, S26, S27) when deactuation of the braking apparatus (12, 13) is detected by the brake state detecting unit (S6)



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00121/KOL/2005 **A**
(22) Date of filing of Application: 21/02/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: PLANNER WAVE GUIDE BASED COMPARATOR FOR MONOPULSE

(51)	**International classification**	:	G01S 13/44
(31)	**Priority Document No**	:	NA
(32)	**Priority Date**	:	NA
(33)	**Name of priority country**	:	NA
(86)	**International Application No and Filing Date**	:	NA
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
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AND
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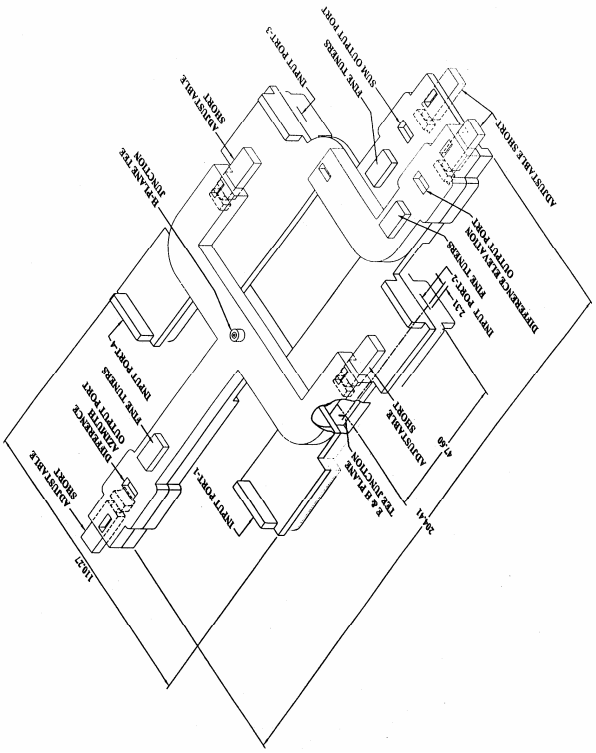
AND
C.G.O. COMPLEX, NEW DELHI 110003.

(72) Name of the Inventor:
DAS, ANANTA LAL.

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A planar waveguide based comparator for monopulse application in particular In Ka band, comprises a basic building block of planar waveguide Tee junction, the e-plane junction arm being provided with an impedance matching means (Im), at least four Input ports for connecting the output ports of an antenna, and at least three output ports for outputting signal relating to difference azimuth, difference elevation and sum of the Inputted signal via the Input ports, the device features restricting the thickness of the comparator (c) below 20mm at Ka frequency.



(FIG.4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00122/KOL/2005 **A**
(22) Date of filing of Application: 21/02/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: PROCESS OF ACACIASIDES MADIATED CONTROL OF MULBERRY ROOT CALL AND TUKRA DISEASES

(51)	**International classification**	:	C07H 3/06
(31)	**Priority Document No**	:	NA
(32)	**Priority Date**	:	NA
(33)	**Name of priority country**	:	NA
(86)	**International Application No and Filing Date**	:	NA
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
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(72) Name of the Inventor:
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DR. JAYEETA SARKAR
DR. NIRMAL CHANDRA SUKUL
DR. SHANTI PRASAD SINHABABU

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:
A process for the preparation of an extract of Acacia auriculiformis which comprises in the steps of: (a) drying and powdering phyllodes of Acacia auriculiformis; (b) extracting the dried powder with a solvent; (c) removing evaporation the solvent.

(FIG.nil).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00125/KOL/2005** **A**
(22) Date of filing of Application: 21/02/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: CAVITY BACKED DIPOLE ANTENNA

(51)	**International classification**	:	H01Q 21/26
(31)	**Priority Document No**	:	Nil
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	Nil
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	Nil

(71) Name of Applicant:
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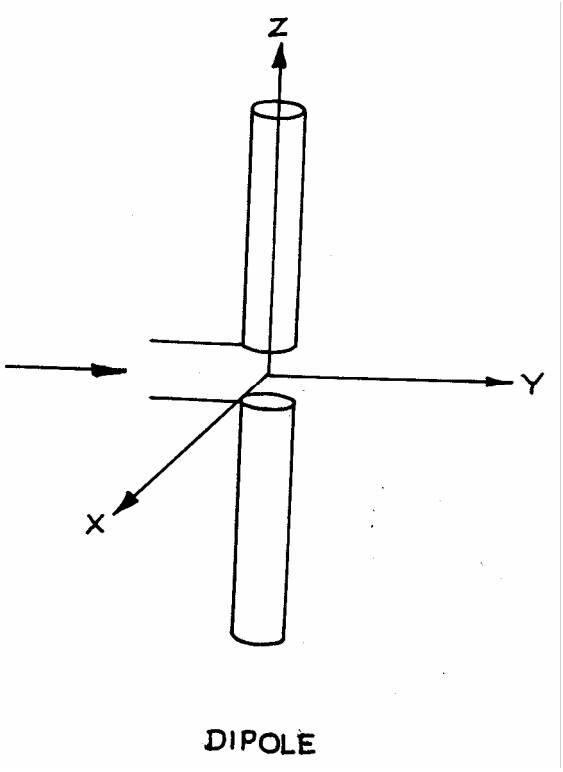
(72) Name of the Inventor:
DAS ANANTA LAL; DAN DIPANKAR

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The Invention discloses a single cavity-backed dipole half-wave antenna capable to provide near hemispherical coverage for ground to air effective communications The cavity-backed antenna constitutes an Improvement of a typical dipole half-wave antenna, the improvement comprising that the dipole antenna is horizontally mounted over a horizontal ground plane, the ground plane having extended to a limited extent to meet the space restriction imposed in the specific application. The diameter of the antenna element is made larger to achieve higher bandwidth, a co-axial line of 50Ω characteristic Impedance Is provided for feeding the dipole, and a quarter wave shorted skirt adapted as a balun Is put over the ground plane so as to act as a cavity. The diameter and the height of the balun are optimized to achieve E-plane beam width greater than 140 degree.



(FIG1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00146/KOL/2005** **A**
(22) Date of filing of Application: 08/03/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: AN APPARATUS AND A PROCESS FOR CYANIDE TREATMENT OF EFFLUENTS IN A MULTI-ZONE MULTI-MEDIA UNIT HAVING ATTACHED GROWTH TRICKLING FILTER

(51)	**International classification**	:	C02F 1/58
(31)	**Priority Document No**	:	NIL
(32)	**Priority Date**	:	NIL
(33)	**Name of priority country**	:	NIL
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

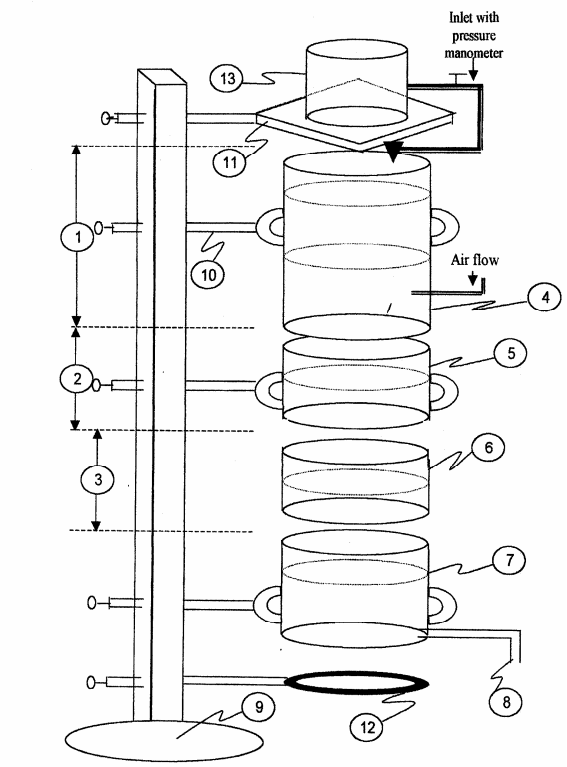
(71) Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED
Address of the Applicant: RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI 834002, JHARKHAND, INDIA

(72) Name of the Inventor: BHATTACHARYA SUBRATA; TIWARI SATYENDRA NATH; MITRA MAZUMDAR SUBHAJIT; TRIPATHI PREM KUMAR; MAHESHWARI GHANSHYAM DAS

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to an apparatus and a process utilizing the said apparatus for cyanide treatment of effluents in a multi-zone (1, 2, 3) multi- media unit with attached growth trickling filter having a bed of highly permeable medium to which microorganisms are attached to and through which waste water is percolated or trickled. The said apparatus includes (i) multi-zones (1, 2, 3) for facilitating aerobic process, (ii) multi-media filter, (iii) a transition zone (2) to form a buffer zone (2) in order to act as cyanide (ON) moderator and (iv) a buffering zone (2) to reduce high cyanide (ON) spike that is inhibitory to the biological treatment process. Two different types of biological shines are formed under different process conditions. The said process ensures a proper process condition for aerobic and anaerobic biodegradation. The process is performed in such a manner that suitable bed- height, as and when required, is achieved at different zones (1, 2, 3) for facilitating both the aerobic and anaerobic biodegradation process condition during the treatment of different forms of cyanide.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00148/KOL/2005** **A**

(22) **Date of filing of Application: 09/03/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **CLAMPING APPARATUS WITH A CHUCK AND A PALLET RELEASABLY ATTACHABLE THERETO**

(51)	**International classification**	:	**B23Q 3/00,** 16/08, B23H 7/26
(31)	**Priority Document No**	:	**00701/04**
(32)	**Priority Date**	:	**22/04/2004**
(33)	**Name of priority country**	:	**SWITZERLAND**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) **Name of Applicant:**
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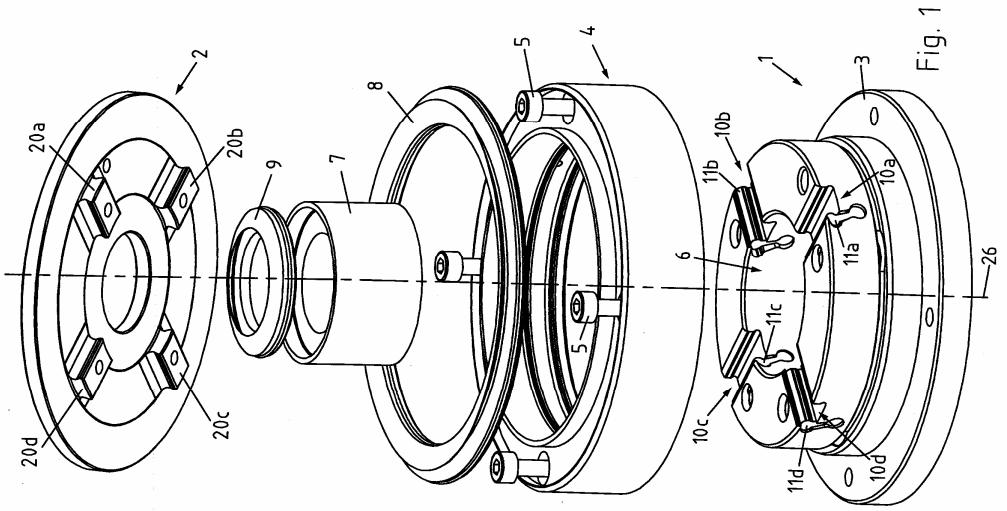
(72) **Name of the Inventor: 1. NIE PETER**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: The clamping apparatus comprises a chuck member and a pallet releasably attachable thereto. The chuck member has four centering grooves, arranged offset to each other by 900 around the central Z—axis, while the pallet has four correspondingly located centering pins. In each of the four centering grooves, one of the groove flanks serves for centering the associated centering pin of the pallet, while the other groove flank is constituted by a clamping member. Upon clamping the pallet to the chuck member, the associated clamping member engages a recess provided on the centering pin and pulls the latter one in Z-direction into the centering groove of the chuck member. Simultaneously, the clamping member also presses the centering pin against the other groove flank. Thereby, the pallet is positioned relative to the chuck member in X-, Y- and Z-directions and clamped to the chuck member.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA**
(21) **Application No.: 00164/KOL/2005** **A**
(22) **Date of filing of Application: 14/03/2005**
(43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** METHOD FOR CORRECTING SEISMIC DATA FOR RECEIVER MOVEMENT DURING DATA AQUISITION

(51)	**International classification**	:	G01V 1/28
(31)	**Priority Document No**	:	10/836025
(32)	**Priority Date**	:	30/04/2004
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	

(71) **Name of Applicant**:
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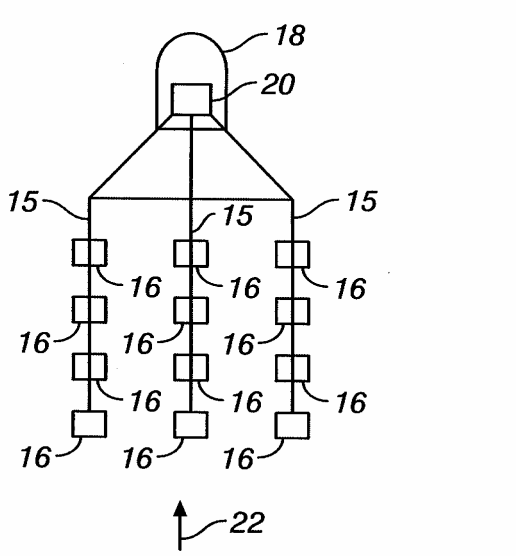
(72) **Name of the Inventor:**
KINKEAD JACK DEWAYNE

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method is disclosed for processing seismic data. The method includes determining a position of a seismic energy source and seismic receivers at a time of actuation of the source. A velocity of the seismic receivers with respect to the source position is determined at the time of actuation. An offset of the receivers is corrected using the velocity. A moveout correction is determined for the signals detected by the sensors based on the corrected offset and a velocity of earth media through which seismic energy passed from the source to the sensors.



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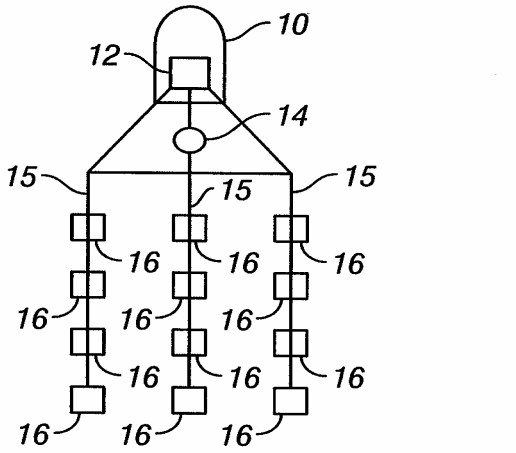

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00208/KOL/2005 A
(22) Date of filing of Application: 22/03/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: SPECIAL SLEEVE FOR HORIZONTAL BORING MACHINE

(51)	International classification	:	B21K 25/00
(31)	Priority Document No	:	Nil
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant:
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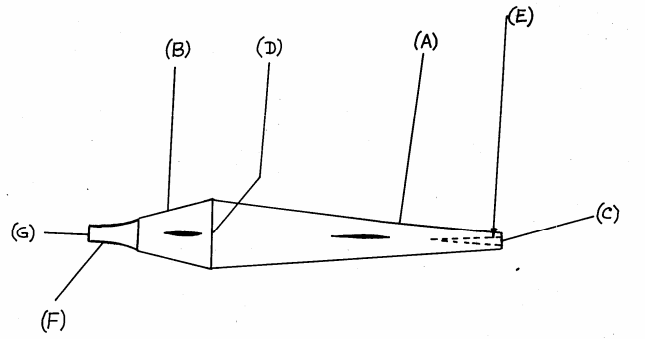
2.KANDPAL GANESH DUTT
3.MAURYA RAJENDRA KUMAR
4.SAINI MAHENDRA KUMAR
5.BASAN PREM KUMAR
6.SINGH CHHETRA PAL
7.MANCHANDA VIJAY KUMAR

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to a taper sleeve adaptable to one of a horizontal baring machine and a drilling machine for manufacturing of an oil duct in a complex location of a turbine bearing, comprising a first portion (A) and a second portion (B) configured from an one piece solid metal tube, the first portion (A) constituting a gradually tapered configuration having a first end (U) and a second end (I.)), the second portion (B) comprising a gradually tapered configuration in an opposite direction starting from said second end (I)), the taper dimension selected for the first portion (A) being different than the second portion (hi), wherein an internal tapered slot (E) is provided at the first end (C) of the first portion (A) for accommodating a tool, and wherein a second slot (F) being provided at a distal end (g) of said second portion (B) to accommodate a spindle of one of said horizontal boring machine and the drilling machine.

(FIG. - 3)



(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00222/KOL/2005** **A**
(22) **Date of filing of Application: 24/05/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: A PROCESS FOR MINIMIZING OXIDE SCALE FORMATION DURING STELMOR COOLING IN A WIRE AND ROD MILL**

(51)	International classification	:	C25F1/04
(31)	Priority Document No	:	nil
(32)	Priority Date	:	Nil
(33)	Name of priority country	:	nil
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) **Name of Applicant:**
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Address of the Applicant:
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(72) **Name of the Inventor:**
1.BHATTACHARYA RAHUL
2.KUNDU SAURABH
3.SHANKAR RAMESH
4.JHA GAJENDRA

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for minimizing oxide scale formation during stelmor cooling in a wire and rod mill, comprising the steps of:

- Determining γ-α Fe transformation temperature of the grade of the steel using a thermo-mechanical simulator;
- and forming FeO type scale by using a modified cooling rate of - 1.4 C S^{-1} at 900^0C LHT till 750^0C and subsequently increasing the cooling rate to 8^0 CS^{-1} till reformer tub.

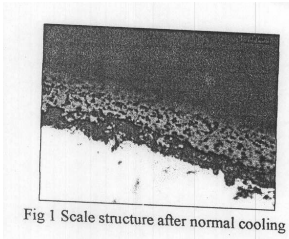
Fig 1 Scale structure after normal cooling

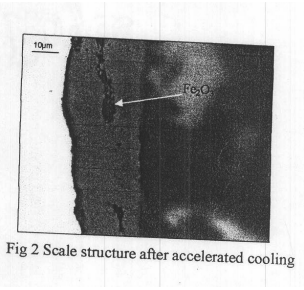

Fig 2 Scale structure after accelerated cooling

(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00223/CAL/2000 A
(22) Date of filing of Application: 17/04/2000 (43) Publication Date: 25/05/2007

(54) Title of the invention: : PROCESS FOR DETECTING BLACK BARS IN A VIDEO IMAGE

(51) International classification : H04N 5/44

(31) Priority Document No : 9905777
(32) Priority Date : 06/05/1999
(33) Name of priority country : FRANCE

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL
Filed on : NIL

(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant:
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(72) Name of the Inventor:
JOANBLANQ ANNE-FRANCOISE,

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: The invention relates to a process for detecting black bands (1, 2) in a video image. It is characterized in that, in a luminance range corresponding to low luminance values:

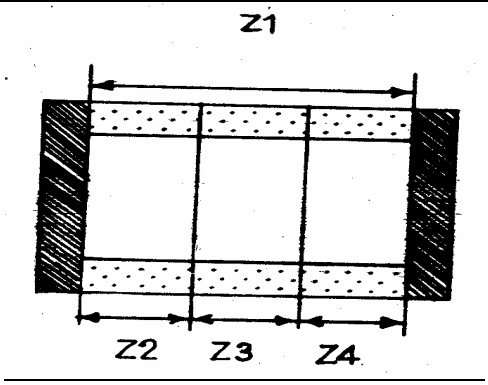
- it calculates, per line, a value relating to a maximum number of occurrences, that is to say a maximum number of points having the same luminance value, for lines situated in the usual location of black band,

— it averages this value over these lines,

- it calculates a threshold dependent on this average,

— it compares the value relating to a maximum number of occurrences obtained for a new line, with this threshold.

Applications relate, for example, to the detection of the "letterbox" format.



(FIG.3a)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00254/KOL/2005** **A**

(22) **Date of filing of Application: 31/03/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **YARN PROCESSING MACHINE**

(51) **International classification** : **D02G 1/16, D02G 3/34**

(31) **Priority Document No** : **04008681.1**

(32) **Priority Date** : **10/04/2004**

(33) **Name of priority country** : **EUROPE**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
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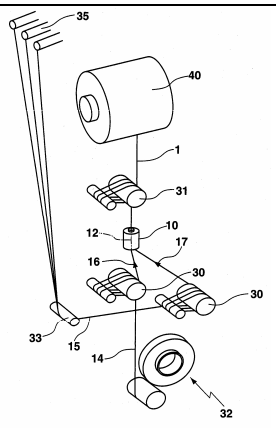
(72) **Name of the Inventor:**
MEINHARDT, MARTIN
MARKI, DANIELA

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: **A yarn processing machine for producing a multi-component yarn 1 comprising a mounting device for mounting a nozzle and a yarn processing machine comprising an air-covering nozzle 10 with an air—covering nozzle axis 12 into which a core thread 14 and at least one covering thread 15 are fed with thread run-in directions 16, 17 and a method for re-equipping the yarn processing machines is proposed. The yarn-processing machine for producing a multi-component yarn 1 comprises a mounting device for mounting a nozzle, wherein the mounting device for mounting an air—covering nozzle 10 and for mounting an air-texturing nozzle 11 is set up as a nozzle.**



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00266/KOL/2005** **A**
(22) Date of filing of Application: 01/04/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: AN APPARATUS FOR PRODUCING POTABLE WATER FROM AMBIENT ATMOSPHERIC AIR

(51)	**International classification**	:	F25D 17/00
(31)	**Priority Document No**	:	Nil
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	Nil
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	Nil

(71) Name of Applicant:
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(72) Name of the Inventor:
RAMAKRISHNAN SRINIVASAN

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An apparatus for producing potable water from the atmospheric ambient air, comprising a water tank (1) provided with a predetermined quantity of normal water, and evaporator (2) having an input end and an outlet end disposed downend of the water tank (I), the evaporator (2) receiving refrigerant at the input end from a condenser (7) via a first conduit (9), the outlet end of the evaporator (2) being connected via a second conduit (4) to an input end of a compressor (3), disposed adjacent to the water tank (1), the other end of the condenser (7) connected via a third conduit (8) to an outlet end of the compressor (3), the evaporator (2) thereby cooling the water in the water tank (1), a dispenser means (13) operable by a solenoid valve (14) receiving sprayed water from a recirculating pump (10). At least two fan means (5.6) respectively disposed adjacent to a finned drip coil (12) and the condenser (7) for drawing ambient air from the atmosphere and discharging the air to the finned drip coil (12) and the condenser (7). The finned drip coil (12) is disposed above the water tank (1) and receiving sprayed water from the recirculating pump (10) arranged adjacent to the water tank (1), the drip coil (12) thereby condenses the moisture from the ambient air which is further condensed by passing of cool water via the drip coil (12) from the water tank (1).

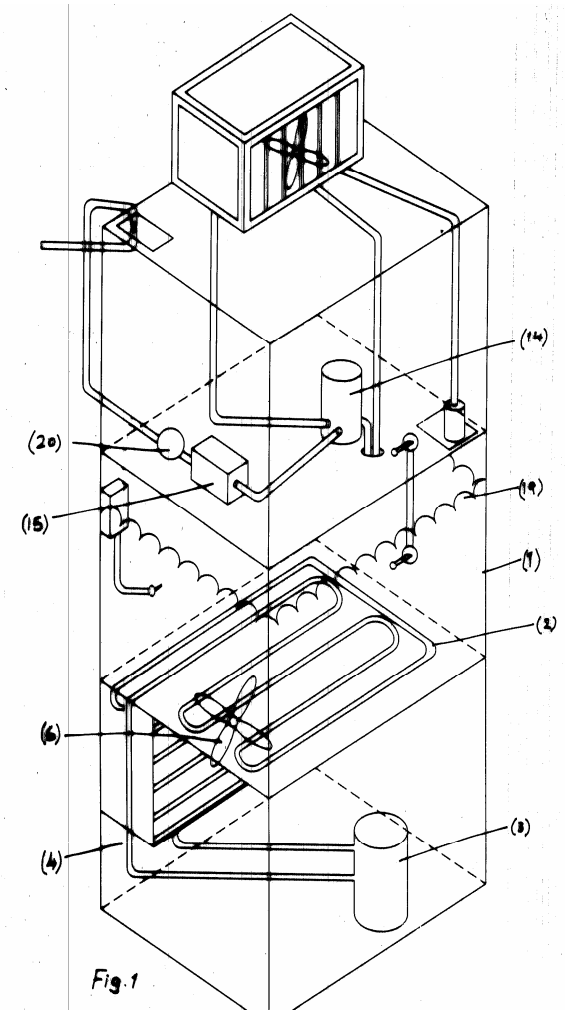

Fig.1

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00317/KOL/2005** **A**
(22) **Date of filing of Application: 13/04/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** METHODS AND APPARATUS FOR RECEIVING EXCESSIVE INPUTS IN A VCT SYSTEM

(51)	**International classification**	:	F01L 1/34
(31)	**Priority Document No**	:	60/562452; 10/860982
(32)	**Priority Date**	:	15/04/2004; 04/06/2004
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	nil

(71) **Name of Applicant:**
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Address of the Applicant:
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(72) **Name of the Inventor:**
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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method that provides increased flexibility to measure dynamic range of a rotating system is provided. The method includes the steps of: providing a first rotating member: providing a second rotating member suitably engaged to the first rotating member: providing a set of sensors disposed to sense variations in characteristics alone a circumference of the first member and the second member respectively; providing a controller for receiving information sensed by the sensors; determining a rate of rotation of the rotating members; selectively using the sensed; information thereby at different rate of rotation different amount of the sensed information is used.

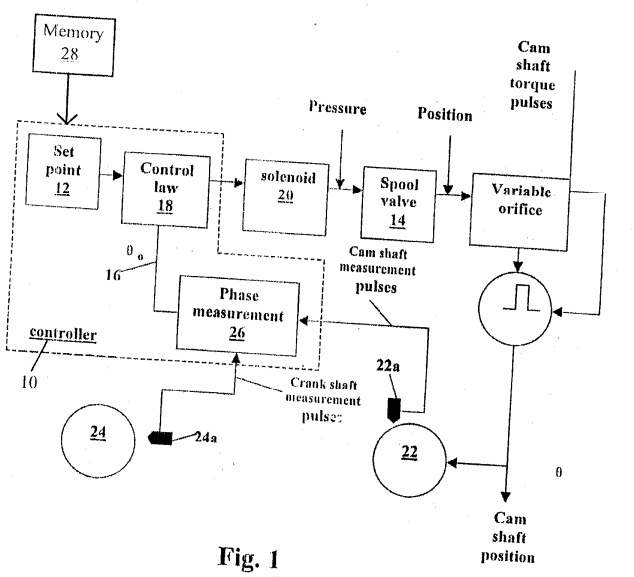

Fig. 1

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00331/KOL/2005** **A**

(22) **Date of filing of Application: 19/04/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "A POWER TYPE THREE-DIMENSIONAL BATTERY"**

(51)	**International classification**	:	**HOI M10/30, HO1M2/16**
(31)	**Priority Document No**	:	**2001-284489 2001-284491**
(32)	**Priority Date**	:	**19/09/2001**
(33)	**Name of priority country**	:	**JAPAN**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) **Name of Applicant:**
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(72) **Name of the Inventor: I. TSUTSUMI KAZUO**
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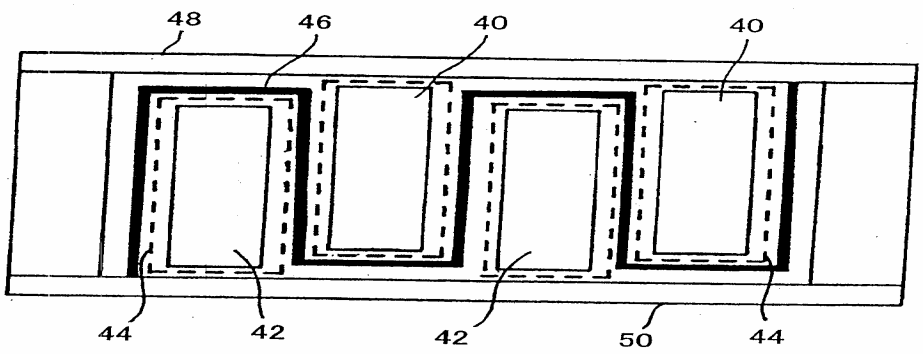
III. MITSUDA SUSUMU
IV. TANIGAWA TAKAHITO

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: There is disclosed a power type three-dimensional battery wherein a bellows- shaped separator (46) is so located between a cathode current collector (48) and an anode current collector (50) which are disposed face to face with each other as to come close to the current collectors alternately, either powder or a forming product of a cathode active material (40) is filled, together with an electrolytic solution, in a space defined by the bellows-shaped separator (46) and the cathode current collector (48), either powder or a forming product of an anode active material (42) is filled, together with an electrolytic solution, in a space defined by the bellows-shaped separator (46) and the anode current collector (50), and the cathode active materials and the anode active materials are filled alternately, facing each other across the separator.



(FIG.6)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00354/KOL/2001** **A**

(22) **Date of filing of Application: 27/06/2001** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : FOAMING COMPOSITIONS**

(51) **International classification : C11D 7/26**

(31) **Priority Document No : 09/604 449**

(32) **Priority Date : 27/06/2000**

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

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
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(72) **Name of the Inventor:**
1. **LUKENBACH, ELVIN R.**
2. **KAMINSKI, CLAUDIA**
3. **PASCAL-SUISSE, SDANDRINE**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: Cleansing compositions suitable for use in personal cleansing applications, and in particular make-up removal applications, which not only impart superior cleansing properties, but also which are relatively non-irritating and thus suitable for use by people having sensitive skin and eyes comprised of esters, liquid silicones, and a water dispersible components. Also disclosed are compositions for effectively depositing various benefit agents into and onto the skin.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00359/KOL/2005** **A**

(22) Date of filing of Application: 27/04/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : "CLOSED STRUCTURALS WITH IMPROVED CORROSION RESISTANCE"

(51) International classification : C22 C38/00, C22 C38/34. C22 C38/50

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
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(72) Name of the Inventor: 1. MISHRA RAJIV
2. CHATTOPADHYAYN ARNAB
3. BANDYOPADHYAY NIKHILESH

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A lighting column (10) includes a base (12) and a shaft (14). The base (12) is adapted to be embedded in the ground such that a lower part (16) of the base is underground and an upper part (18) protrudes substantially vertically upwardly up from the ground (19). The base (12) is formed of a steel including the following additives by weight: 0.05 to 0.35% carbon; 0.1 to 2.5% manganese; 0.1 to 2% silicon; 0.01 to 0.3% sulphur; 0.1 to 5% chromium; 0.1 to 5% nickel; 0.1 to 3% copper and 0.01 to 0.5% phosphorous. This steel is particularly effective in protecting the lighting column from corrosion

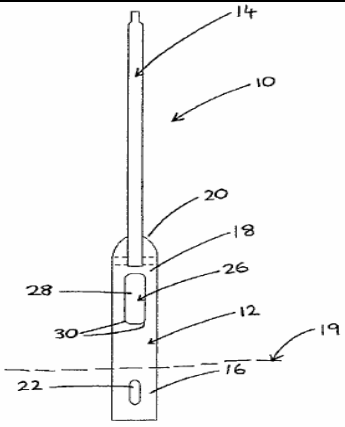


FIG 1

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00393/KOL/2005** **A**
(22) Date of filing of Application: 12/05/2005 **(43) Publication Date: 25/05/2007**

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

(51)	**International classification**	:	C07D 311/78
(31)	**Priority Document No**	:	Nil
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	Nil
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	Nil

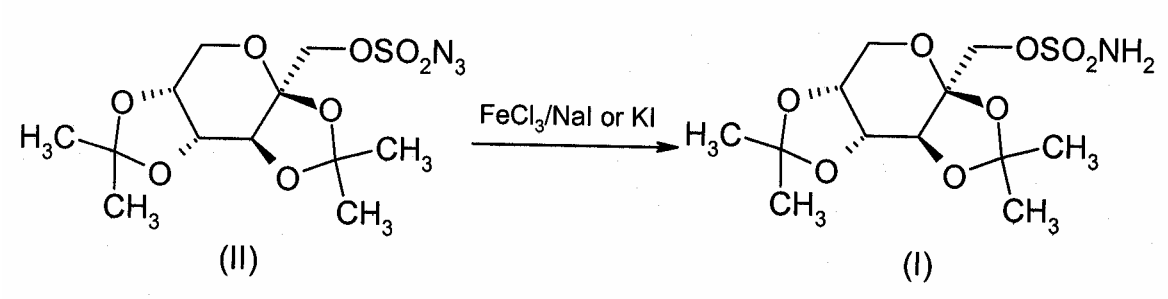
(71) Name of Applicant:
LUPIN LIMITED
Address of the Applicant:
159, CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI 400098, MAHARASHTRA, INDIA

(72) Name of the Inventor:
SINGH, GIRIJ PAL; DHAKE, VILAS NATHU; JADHAV, SAMBHAJI HARISHCHANDRA; MADDIREDDY, NAROTHAM

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for the preparation of topiramate of formula (I) comprising of: (a) reducing the azidosulphate of formula (II)



using $FeCl_3$/NaI or $FeCl_3$/KI system at temperature below 25 ^{0}C in a solvent selected from ethyl acetate, diisopropyl ether or acetonitrile. (b) crystallizing the topiramate of formula (I) from ethyl acetate solution by adding an anti solvent such as hexane or cyclohexane at about 0-5 ^{0}C

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00395/KOL/2005 A**

(22) Date of filing of Application: 12/05/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : "A MOTORIZED CIRCUIT BREAKER RACKING MECHANISM"

(51)	**International classification**	**:**	**H01H 71/10,** H01H 71/70
(31)	**Priority Document No**	**:**	**N.A**
(32)	**Priority Date**	**:**	**N.A**
(33)	**Name of priority country**	**:**	**N.A**
(86)	**International Application No and Filing Date:**	**:**	**NIL**
(87)	**International Publication No**	**:**	**NIL**
(61)	**Patent of addition to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**
(62)	**Divisional to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**

(71) Name of Applicant:

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(72) Name of the Inventor:

1. **SINHA, ARVIND KUMAR**
2. **IYER, RAMESH B**
3. **BHOWAL, PRODIP**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: The main object of the present invention therefore, is to provide a motorized circuit breaker racking mechanism which can be operated from a remote location for racking in and racking out.

This and other objectives of the invention are achieved by providing a circuit breaker racking device through which the circuit breaker can be racked in and out from a remote location.

This makes the person responsible for operation immune to any safety hazard during racking in, racking out operation.

Thus the present invention provides a motorized circuit breaker racking mechanism for operation from a remote location, comprising: a trolley for mounting the mechanism said trolley shiftable from one breaker panel to another; a programmable torque switch and positional limit switches for use with different circuit breakers; and a storage means for storing the operating sequence of the device; wherein a wireless system is provided for establishing the operation of said motorized circuit breaker racking mechanism from a remote location.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00407/KOL/2005** **A**
(22) Date of filing of Application: 16/05/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: BHARENDA SHAKTI TAILA

(51)	**International classification**	:	C11C 3/10
(31)	**Priority Document No**	:	Nil
(32)	**Priority Date**	:	Nil
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	Nil

(71) Name of Applicant:
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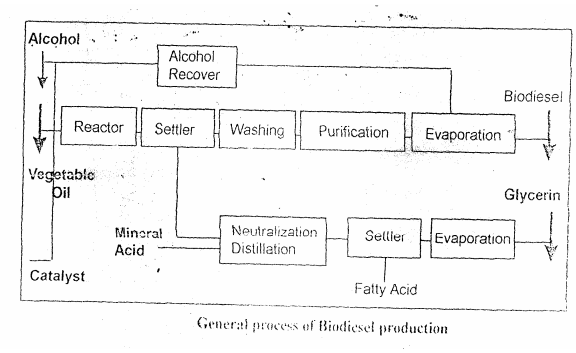
(72) Name of the Inventor:
DR. BALARAM CHAKRABORTY

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The general process for biodiesel production is depicted in Fig. 1. A fat or oil is reacted with an alcohol (methanol) in the presence of catalyst to produce glycerine and methyle esters or biodiesel. The methanol is charged in excess to assist in quick conversion and recovered for reuse. The catalyst is usually sodium or potassium hydroxide, which has already been mixed with the methanol.



General process of Biodiesel production

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00420/KOL/2005 A
(22) Date of filing of Application: 20/05/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : FORGING MACHINE HAVING INTERMITTENT FEEDING MECHANISM

(51) International classification : B21K 27/06, 27/00
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: WINGTONE INDUSTRIAL CO. LTD.,

Address of the Applicant:
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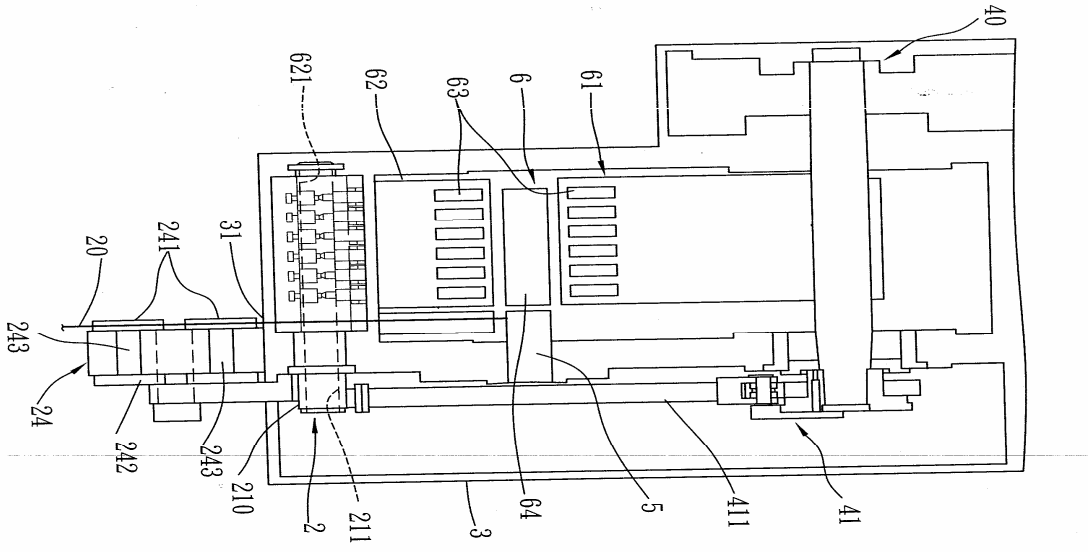
(72) Name of the Inventor: YUAN-SHI LEE

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A forging machine includes a driven arm (31) connected coaxially to a feed drive shaft (232) and tunable between a first position and a second position to rive the feed drive shaft (232), and a swing unit (21) driven by a reciprocating link (411) and connected coaxially to a punch drive shaft (211) to drive the punch drive shaft (211) the swing unit (21) having a first crank plate (213) which is reciprocated by the reciprocating link (411) to perform a cycle motion and which drives the driven arm (231) from the first position to the second position. A turning unit (22) is provided to return the driven arm (231) to the first position and is controllable to change an interval of time between two successive cycles of a cycle motion of the returning unit (22).



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00422/KOL/2005 A**

(22) Date of filing of Application: 20/05/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : HEAT RESISTANT SUPER ALLOY AND ITS USE

(51) International classification : F01D 5/28

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
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(72) Name of the Inventor: GERALD SCHALL,

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A heat resistant super alloy suffices the following conditions :

Carbon	0.01- 0.2 percent in weight
Chromium	8-10
Aluminium	4-6
titanium	2-4
Molybdenum	1.5 –2.8
Tungsten	10-13.5
Niobium	1.5-2.5
Boron	$0<B\leq 0.04$
Zircon	$0<Zr\leq 0.15$
The contents of hafnium and lanthanum together amounts to $0<Hf + La \leq 1.5$ percent in weight	
Optionally traces of tantalum	
The remainder being nickel	

Such an alloy is preferably used for turbine wheels and particularly for turbochargers.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00468/KOL/2005** **A**

(22) **Date of filing of Application: 02/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : APPARATUS TO MEASURE NOISE IN IMAGE SIGNAL AND METHOD THEREOF**

(51) **International classification : G06 75/00, H04N 5/21**

(31) **Priority Document No : 2004-43922**

(32) **Priority Date : 15/06/2004**

(33) **Name of priority country : KOREA**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
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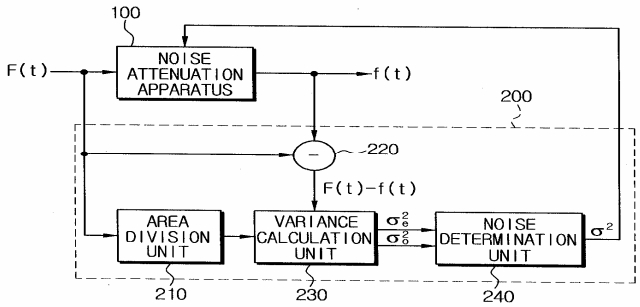
(72) **Name of the Inventor: 1. JUNG JAE-HAN**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: An apparatus to measure noise in an image signal and a method thereof. The apparatus includes an area division unit to divide an image signal having noise therein into a plurality of areas and to output area information corresponding to the plurality of areas, a variance calculation unit to calculate variances of the plurality of areas using the area information, the image signal and a noise-attenuated image signal obtained by attenuating the noise from the image signal, and a noise determination unit to determine an amount of noise in the image signal by comparing the calculated variances of the plurality of areas. Accordingly, the noise measurement apparatus can measure the amount of noise irrespective of characteristics of the image signal, and thus noise attenuation can be performed more accurately.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00490/KOL/2005 A

(22) Date of filing of Application: 10/06/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : "A PEDAL DRIVE MECHANISM FOR CYCLE"

(51) International classification : B62M3/08 B62M 11/06, B62K 15/00

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: CAWAS PHIROZE NAZIR

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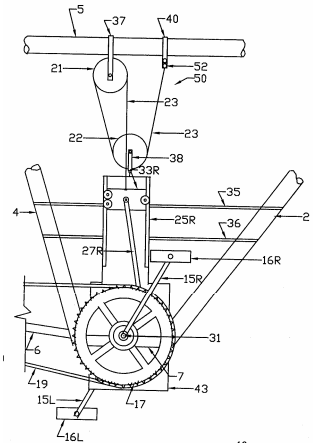
(72) Name of the Inventor: CAWAS PHIROZE NAZIR

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A pedal drive mechanism (50) for cycle comprises a transmission bracket (7) , fixed in between lower ends of the seat tube(4) and down tube(2), on which a crankshaft assembly (49), including a right crank (29C), a center crank (29C), a left crank(29L) and a crankshaft(31), is rotatably mounted in the split bearing housing(32) of the transmission bracket; one end of each of a left connecting rod(27L) and a right connecting rod(27R) is connected to the crank pins(48L,48R) of the crank assembly and the other end of each of the said connecting rods(27L,27R) are rotatably attached to the center of the parallel plates (55) , by means of a bolt (53) , of the left crosshead(33L) and right crossheads (331k); a pair of guides (25R,25L), supported by two guide support(35,36) fixed to the seat tube and down tube, within which the crossheads moves up and down by means of three wheels(34) fixed in between the parallel plates(55) of the crossheads; a pulley system wherein a fixed pulley(21) is fixed to the support frame(37) and a moveable pulley(22) is mounted on a second support frame(38); the said pulleys are engaged by a steel wire rope (23) Whose one end is fixed to support clamp(40) and the other end is connected to right crosshead; one end of a second steel wire .rope(24) is fixed to support frame (38) of the moveable pulley and the other end is fixed to the left crosshead(33L)



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00526/KOL/2005** **A**
(22) **Date of filing of Application: 17/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: A DEVICE AND METHOD FOR AUTOMATICALLY COLLECTING AND DISCHARGING SAMPLES FROM A FALLING STREAM OF MATERIAL**

(51)	**International classification**	:	**B26D, B23K 9/00, 1/00**
(31)	**Priority Document No**	:	
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
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Address of the Applicant:
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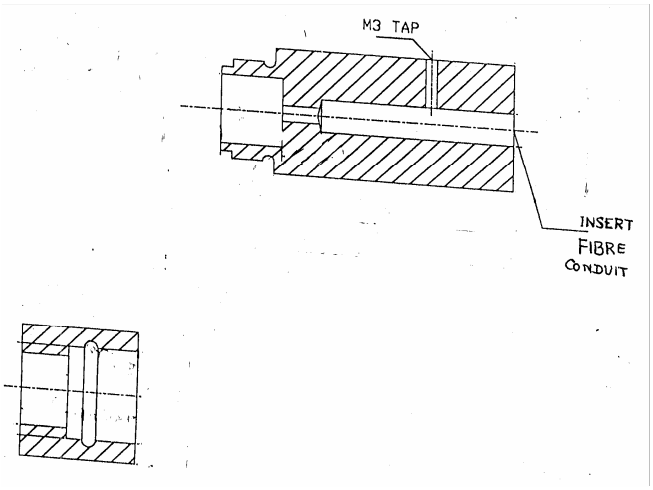
(72) **Name of the Inventor:**
1. **MALLIK S.N.**
2. **JANA TIRTHANKAR**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A device for automatically collecting and discharging samples from a falling stream of materials like iron ore, etc, though a discharge chute of a conveyor, said device comprising:

- a drive unit with a carriage assembly mounted on a carriage track;
- a sample cutter driven by said carnage assembly at a uniform speed across a falling stream of materials for automatically collecting samples at present regular intervals; and
- said sample cutter provided with a bucket having a door mechanism at its bottom for automatically discharging the collected sample at a parking station.



(FIG. - 1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00 531/KOL/ 2005** **A**
(22) **Date of filing of Application: 21/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: PROCESS FOR THE MANUFACTURE OF BIO-RELEASE FERTILIZERS OF ZINC-IRON-MANGANESE-COPPER AND ZINC-IRON-MANGANESE-COPPER.**

(51)	**International classification**	:	**CO5 D 9/00**
(31)	**Priority Document No**	:	**N. A**
(32)	**Priority Date**	:	**N.A**
(33)	**Name of priority country**	:	**N.A**
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant: CHANDRIKA VARADACHARI**

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(72) INVENTOR: - **CHANDRIKA VARADACHARI**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for the preparation of water insoluble bio-release micronutrient fertilizers containing iron and manganese with either zinc and I or copper which comprises: (a) heating phosphoric acid with a mixture of (I) oxide of iron compound selected from goethite or hematite, (ii) manganese dioxide or pyrolusite, and (iii) either or both compound of zinc or copper selected from zinc ash or zinc oxide and cupric oxide or cupric sulphate and (iv) a basic compound like oxide or carbonate of magnesium calcium, (b) neutralisation followed by drying and pulverization.

(FIG. - nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA**

(21) **Application No.: 00554/KOL/ 2005** **A**

(22) **Date of filing of Application: 24/06/2005**

(43) **Publication Date: 25/05/2007**

(54) **Title of the invention: RF RECEIVER USING AGC AND RF RECEIVING METHOD.**

(51)	**International classification**	:	**HO4 B1/18, HO4B1/10**
(31)	**Priority Document No**	:	**2004-58406**
(32)	**Priority Date**	:	**26/07/2004**
(33)	**Name of priority country**	:	**KOREA**
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant: SAMSUNG ELECTRONICS CO. LTD.**

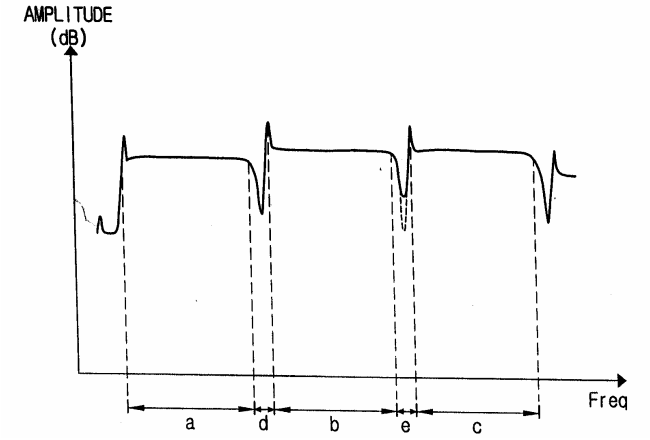
Address of the Applicant: 416, MAETAN – DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, KOREA

(72) **INVENTOR:-** 1.ARKHIPENKOV VLADIMIR
2.CHANG IN-SIK

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A radio frequency receiver using an auto gain controller, and a radio frequency receiving method. The radio frequency receiving method includes receiving and attenuating a radio frequency signal including one or more inband signals of at least one channel and an inter-band signal between the inband signals according to a predetermined attenuation degree, amplifying an output signal, and measuring a signal-to-noise ratio of the inband signal of a desired channel of the output signal where the inter-band signal adjacent to the desired channel is a representative of an inband noise and controlling the attenuation degree so that the measured signal-to-noise ratio is maintained higher than a previous signal-to-noise ratio.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.:00555/KOL/2005 A A
(22) Date of filing of Application: 24/06/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: APPARATUS AND METHOD FOR HOME NETWORK SEARCH.

(51)	International classification	:	HO4Q7/38, 7/32
(31)	Priority Document No	:	Nil
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	Na
		:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: MOTOROLA, INC.

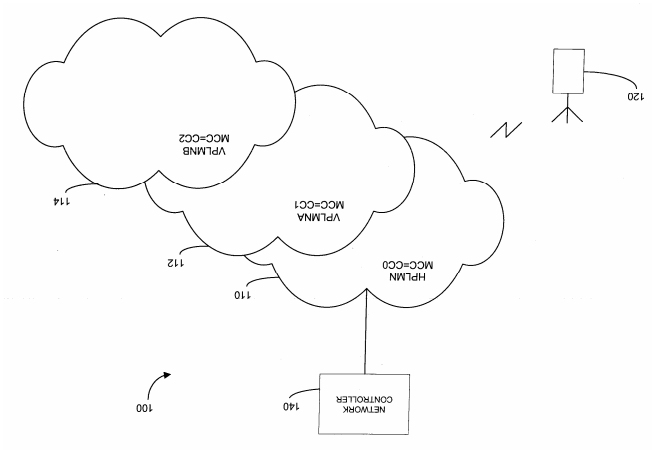
Address of the Applicant: 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60196. UNITED STATES OF AMERICA.

(72) 1. HOWEL STEPHEN ANDREW
2. DAS PRASHANTI
3. RAMACHANDRA SRIKRISHNA

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method in a mobile communication device having a home public land mobile network, the home public land mobile network having a first country code. An alternate country code for the home public land mobile network is stored. The mobile communication device operates on a visiting public land mobile network having a second country code. A public land mobile network search is performed. The mobile communication device switches to the home public land mobile network based on the public land mobile network search.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 24/06/2005
(21) Application No.: 00556/KOL/2005 A
(43) Publication Date: 25/05/2007
A

(54) Title of the invention: OPTIMIZED MARKUP LANGUAGE PROCESSING USING REPEATED STRUCTURES IN MARKUP LANGUAGE SOURCE.

(51)	International classification	:	GO6F17/24
(31)	Priority Document No	:	Nil
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: SUN MICROSYSTEMS, INC.

Address of the Applicant: 4120 NETWORK CIRCLE, M/S USCA12-203 SANTA CLARA, CA 95054, U.S.A

(72) 1. BAJAJ NEERAJ
2. RAO VENUGOPAL K.,

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A computer-implemented method of parsing markup-language source data is described. The markup-language source data comprises a plurality of elements. A first portion of the elements is processed by interoperating with a symbol table to determine unique string objects associated with the elements of the first portion of' the elements. A structure is recorded associated with the first portion of the elements collectively, including the determined unique string objects in association with the corresponding elements of the first portion. A second portion of the elements is processed, using the structure determined associated with the first portion of the elements, to determine the unique string objects associated with the elements of the second portion, without interoperating with the symbol table.

(FIG. - 2)

```
<table><row><id>0000</id><firstname>Al</firstname><la
stname>Aranow</lastname><street>1 Any St.</street><ci
ty>Anytown</city><state>AL</state><zip>22000</zip></r
ow><row><id>0001</id><firstname>Bob</firstname><lastn
ame>Aranow</lastname><street>2 Any St.</street><city>
Anytown</city><state>AL</state><zip>22000</zip></row>
```

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00599/KOL/2005 A

(22) Date of filing of Application: 07/07/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : HALOGEN INCANDESCENT LAMP

(51) International classification : H01K1
(31) Priority Document No : 10 2004 033 117.0
(32) Priority Date : 08/07/2004
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

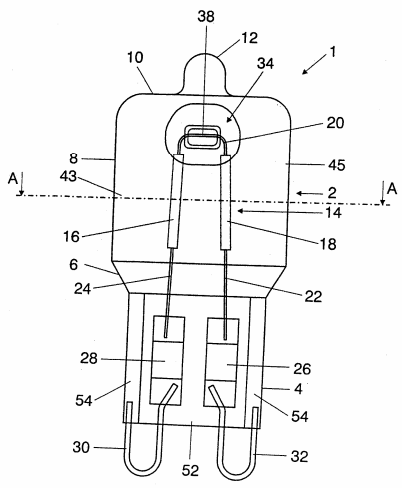
(71) Name of Applicant: PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLULAMPEN MBH,

Address of the Applicant: HELLABRUNNER STR.1, 81543 MENCHEN, GERMANY

(72) Name of the Inventor:
1. MATTHIAS DAMM,
2. CHRISTOPH KRIEGLMEYER.
3. ROLAND STARK.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: Disclosed is a halogen incandescent lamp having a lamp vessel, which is sealed at one end and in which at least one luminous element is accommodated, a vessel section 42 being in the form of a side reflector which extends Only over a sub region of the lamp vessel circumference A light-exit window 40 adjoins this vessel section 42 in the circumferential direction. According to the invention, the light-exit window 40 is comparatively slightly curved in cross section, the vessel section 42 forming the side reflector bulging out away from the light-exit window 40. This bulged-out region is preferably provided with a kidney-shaped constriction 46.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00602/KOL/2005 A
(22) Date of filing of Application: 11/07/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: AN APPARATUS FOR CONTROL OF COAL FEEDING DEVICE

(51)	International classification	:	F23K3
(31)	Priority Document No	:	Nil
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

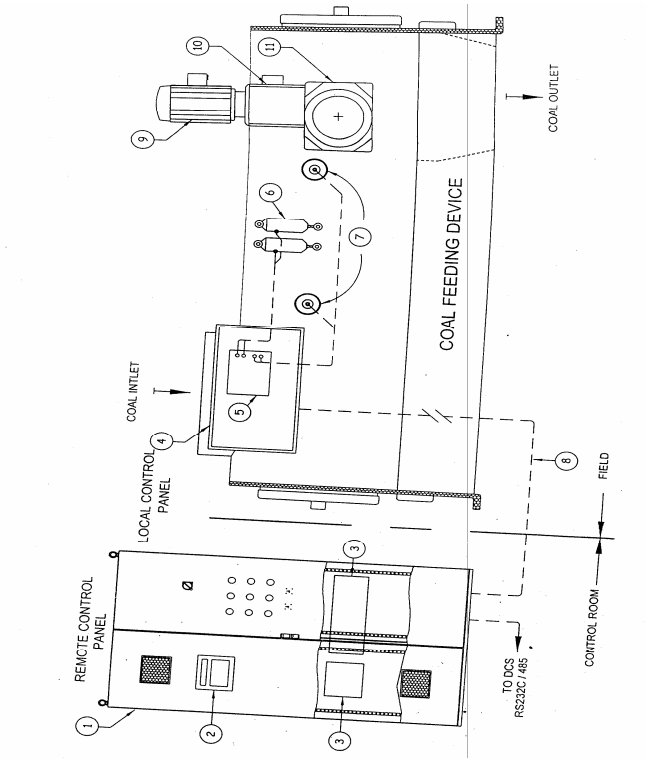
(71) Name of Applicant:
BHARAT HEAVY ELECTRICALS LIMITED

Address of the Applicant:
REGIONAL OPERATIONS DIVISION (ROD) PLOT No 9/1 DJ BLOCK 3RD FLOOR KARUNAMOYEE SALT LAKE CITY KOL-700 091 HAVING IT SREGISTERED OFFICE AT BHEL HOUSE SIRI FORT NEW DELHI-70049 INDIA

(72) Name of the Inventor:
1. DAVID PLAKKAL JAKOB
2. SWAMINATHAN DAKSHINAMURTHY
3. KANDASAMY SOMSSUNDARAM
4. ARUMGAM SHANMUGAM
5. SIVANATHAN DHARMALINGALAM

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:
This invention relates to an improved apparatus for on—Line computation and control of a raw coal feeding device in a coal fired boiler system, the system comprising a plurality of integrated control means including a combustion control means at least one belt—conveyor carrying coal regulatable by a drive means having an AC—induction motor (9) and ; clutch (1O); and at least one calibration probe (7), the apparatus comprising a remote control panel (i)q a local control panel (4) mounted on the raw coal feeding device, and connected via screened cable (8) to the remote control panel (1); a man—machine interface (2) operably connected being mounted on the door of the remote control panel (l) and means configured to remotely operate the raw coal feeding device, wherein the combustion control means transmits a signal representative or the fuel demand by the boiler system, the local control panel (4) having at.[east one signal conditioning module (5) tar' receiving the signals and transferring the conditional signals to the remote control panel (l) and wherein the remote control panel (1) comprising a plurality of card racks (3) having at least one microcontroller module operable to compute on—line data and control the drive means (9, 10) of the coal feeding device so as to feed raw coal in registration with the fuel demand transmitted by the boiler system..



(FIG. - 3)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00607/KOL/2005** **A**
(22) **Date of filing of Application: 11/07/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** DAMPER FOR DAMPING VIBRATION AND WASHING MACHINE HAVING THE SAME

(51)	**International classification**	:	D06F 37
(31)	**Priority Document No**	:	P2004-0054423; P2004-0054424; P2004-0054425; P2004-0054426
(32)	**Priority Date**	:	13/07/2004;
(33)	**Name of priority country**	:	KOREA
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	

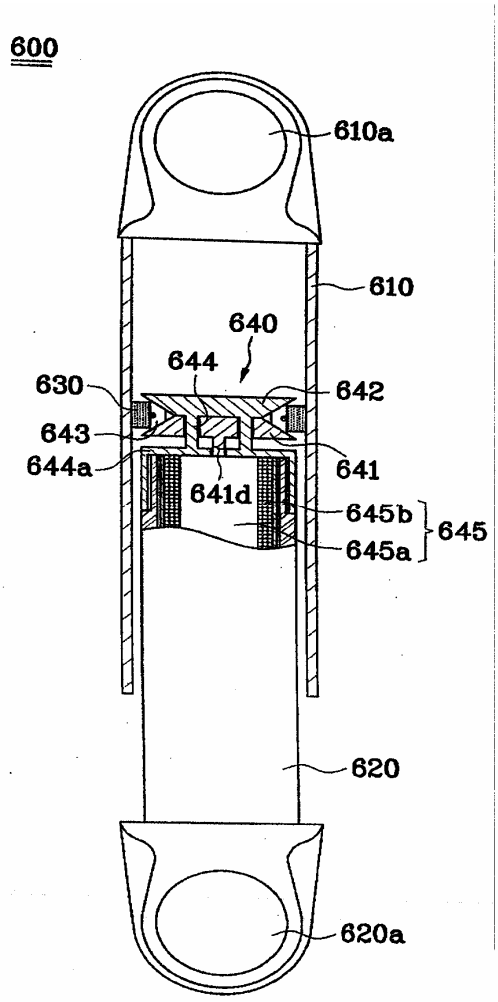
(71) **Name of Applicant:**
LG ELECTRONICS INC.
Address of the Applicant:
20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, REPUBLIC OF KOREA

(72) **Name of the Inventor:**
PARK GWAN RYONG; PARK SEUNG CHUL; KIM JAE HYUN; KIM SUNG MIN; JEON SI MOON

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A damper for damping vibration and a washing machine having the same are disclosed. The damper includes a damper cylinder; a shaft inserted into the damper cylinder through one end of the damper cylinder, and reciprocating in the lengthwise direction of the damper cylinder; an a friction member provided on the shaft for damping vibrating generated by friction with the inner wall of the damper cylinder, and moving vertically to the lengthwise direction o the damper cylinder. The damper adjusts damping force thereof according to vibrated states of an object to e vibrated, and has an improved vibration-damping effect.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00624/KOL/2005** **A**

(22) **Date of filing of Application: 18/05/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "A BONDED MAGNET"**

(51) **International classification** : **H01F 13/00**

(31) **Priority Document No** : **10-11453**
(32) **Priority Date** : **23/01/1998**
(33) **Name of priority country** : **JAPAN**
(86) **International Application No and Filing Date:** : **NIL**
(87) **International Publication No** : **NIL**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**

(62) **Divisional to Application No** : **IN/PCT/1999, 00048/CAL** 04/10/1999
Filed on : **NIL**

(71) Name of Applicant: HITACHI METALS LTD.,
Address of the Applicant:1-1 SHIBAURA 1-CHOME, MINATO-KU, TOKYO JAPAN,

(72) **Name of the Inventor: 1.YASUNOBU OGATA**
2. YUTAKA KUBOTA
3. TAKASHI TAKAMI
4. SHUICHI SHINA

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A bonded magnet comprising a heat-treated ferrite powder for bonded magnets and a binder, said ferrite powder for bonded magnets having a magnetoplumbite-type crystal structure and a basic composition represented by the following general formula:

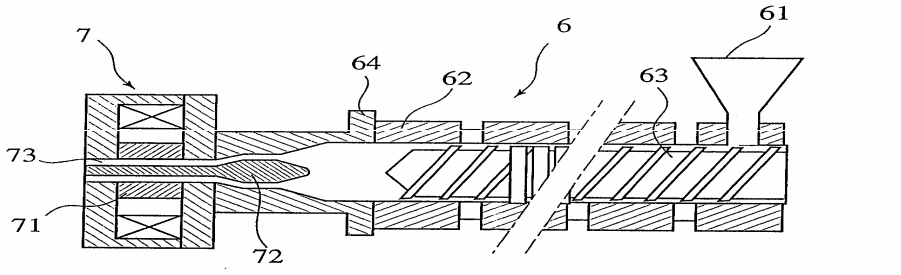
$(A_{1-x}R_x)O{\cdot}n[(Fe_{1-y}M_y)_2O_3]$ **by atomic ratio, wherein A is Sr and/or Ba; R is at least one of rare earth elements including Y, La being indispensable; M is Co and/or Zn; and x, y and n are numbers meeting the following conditions:**

$0.01 \leq x \leq 0.4,$

$0.005 \leq y \leq 0.04,$ and

$5 \leq n \leq 6,$

said bonded magnet having a coercivity (iHc) of 2,310 Oe or more and a residual magnetic flux density (Br) of 2,580 G or more.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00666/KOL/2005 **A**
(22) Date of filing of Application: 26/07/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: WELDING AND HEAT TREATMENT PROCEDURE FOR 9 CR. I MO. TUBE BUNDLE FOR REHEATER ASSEMBLY, USING ELECTRICAL RESISTANCE HEATING ELEMENTS

(51)	**International classification**	:	H01L 21/22, 21/31
(31)	**Priority Document No**	:	NA
(32)	**Priority Date**	:	NA
(33)	**Name of priority country**	:	NA
(86)	**International Application No and Filing Date**	:	NA
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
BHARAT HEAVY ELECTRICALS LIMITED.,

Address of the Applicant:
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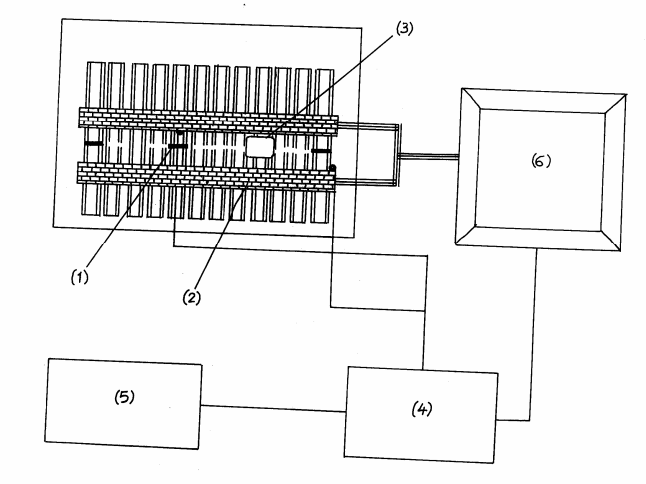
REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI 110049, INDIA.

(72) Name of the Inventor:
N RAJU
DR. S SURESH

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention discloses a system for heat treatment of 9cr lMo reheater tubes assembled in a bundle. The tubes are bundled with close pitch such that at least one tube each having higher outside diameter being disposed at two extreme ends and the remaining tubes having Identical outside diameter Intermediately interposed in the bundle. The system comprises a clamp (3) for holding the tube joints (1) for each tube, atleast one heating element (2) for heat treatment of the tubes (1) in the bundle, a power source (6), a controller (4) connected to the heating elements (2) via a first end and to the power source (6) via a second end. A temperature recorder (5) is operably connected to the controller (4). One heating element (2) each is wound around a top and a bottom of the reheater tubes (1) assembled in the bundle.



(FIG.1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(21) Application No.: 00680/KOL/2005 **A**
(22) Date of filing of Application: 28/07/2005
(43) Publication Date: 25/05/2007

(54) Title of the invention: TRANSDUCER FOR AXIAL THRUST MEASUREMENT OF HYDRO TURBINE MODELS

(51)	**International classification**	:	F03D 7/00
(31)	**Priority Document No**	:	NA
(32)	**Priority Date**	:	NA
(33)	**Name of priority country**	:	NA
(86)	**International Application No and Filing Date**	:	NA
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
BHARAT HEAVY ELECTRICALS LIMITED.,

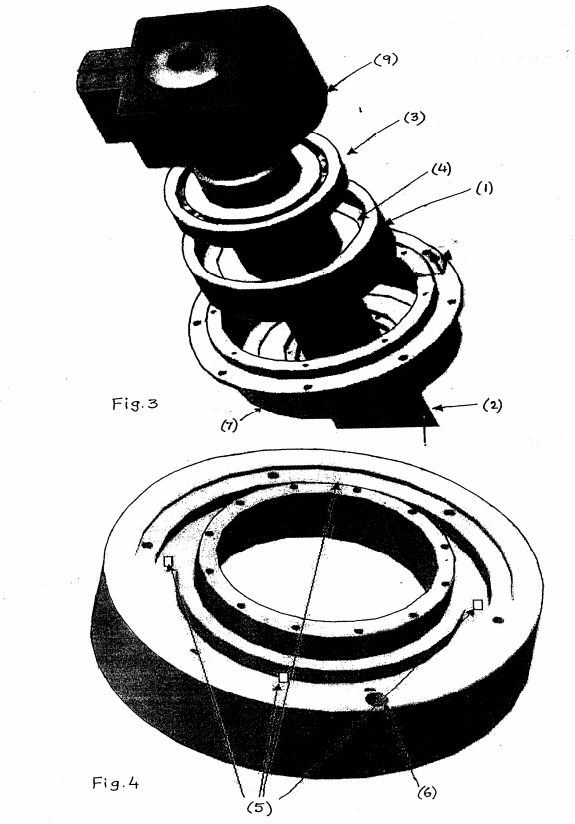
Address of the Applicant:
REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA 700 091.
REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI 110049, INDIA.

(72) Name of the Inventor:
OM PRAKASH NAUTIYAL
AJAY KUMAR ARYA
CHAMAN LAL CHHIBBA
DAYA NAND PANDEY
SHREE CHAND

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An axial thrust pick-up device adapted to hydro model turbines for direct measurement of axial thrust on the runners including the blades of the turbines comprises an outercasing (7) having a groove configured at the bottom. A sensor means (1) disposed in the groove, atleast four strain gauges (5) disposed In diametrically opposed locations. A copper connector operably connects the atleast four strain gauges (5). The connector is passed through a hole (6) configured at the bottom of the outercasing (7). The ball bearing (3) accommodates the shaft (2) of the machine and is disposed on an upper groove of the sensor means (1). The runner (8) of the turbine connected at an end of the shaft (2) and a split nut (9) is located at a top end of the shaft (2) for accommodating the load of the turbine.



(FIG.1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00687/KOL/ 2005 A A
(22) Date of filing of Application: 29/07/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: CATHODE ARRANGEMENT FOR ATOMIZING A ROTATABLE TARGET PIPE.

(51)	International classification	:	CZ 3C 15/00
(31)	Priority Document No	:	10/983, 179
(32)	Priority Date	:	05/11/200
(33)	Name of priority country	:	U.S. A.
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

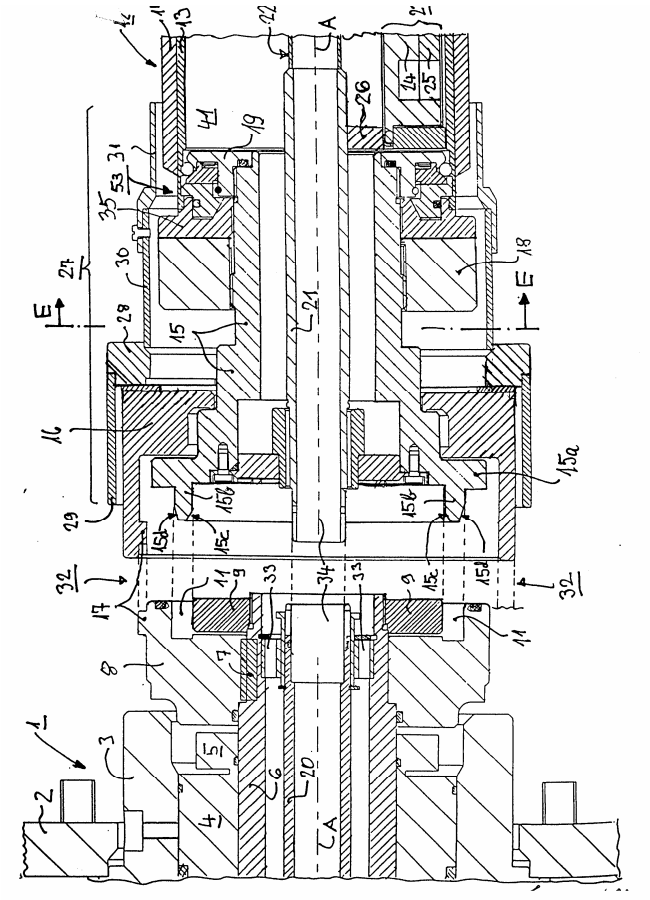
(71) Name of Applicant: 1) APPLIED FILMS GMBH & CO. KG.
2. APPLIED FILMS CORPORATION ,
Address of the Applicant: 1. SIEMENSSTRASSE 100 , D- 63755 ALZENAU GERMANY ,

(72) Inventor: 1. RICHARD NEWCOMB ,
2. SCOTT TRUBE ,
3. TOM RISO
4. KEN KAWAKAMI
5. DIETMAR MARQUARDT
6. ANDREAS SAUER

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to a cathode arrangement for atomizing a target pipe (12) having a non-rotatable magnetic system (23) for generating a magnetic field for the containment of a plasma, in which the target pipe (12) is rotatable within a vacuum chamber right through the magnetic field, in which in at least one load bearing structure (1) there is a movable support shaft (6) arranged for the target pipe (12), in which furthermore within the target pipe (12), a fixing device for the magnetic system (23) is arranged, and in which at least one detachable coupling arrangement for changing the target pipe (12) is arranged between the support shaft (6) and the target pipe (12). For the cathode arrangement described at the start, to solve the task of simultaneously bringing about a high and highly loadable coaxiality of support shaft(s) (6) and target pipes (12), a reliable sealing against water and vacuum, and a slight, often repeatable connection and separation — that does not cause much wear and tear — of support shaft(s) (6) and target pipes (12), without the need for much room to maneuver and for much time for the necessary manipulations and to ensure a good concentricity in a constant axial position, it is proposed according to the present invention, to arrange between the movable support shaft (6) and the target pipe (12) a separator (15) coaxial thereto, and two detachable points of separation (32153), and that through the points of separation (32/53), the torsionally rigid and dimensionally stable connections between the support shaft (6) and the separator (15) on the one hand and the separator (15) and a target pipe (12) on the other hand are detachable and recoverable.



(FIG. - 2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00694/KOL/2005** **A**

(22) **Date of filing of Application: 02/08/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"A WAVE ENERGY CONVERTER"**

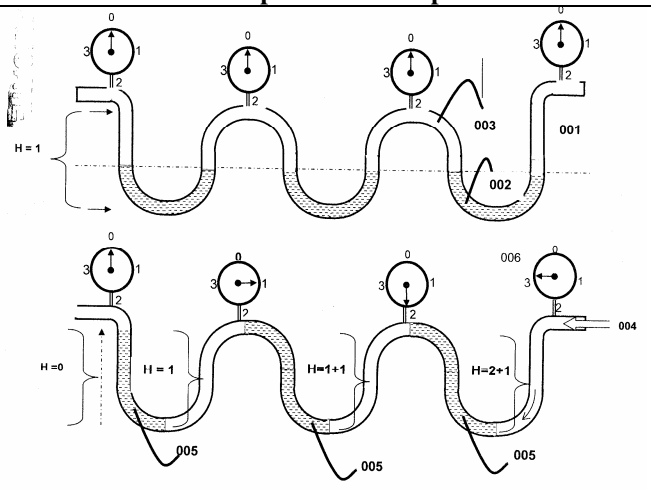
(51)	**International classification**	:	**FO3B 17/02,** F03B 13/14, F03B 13/18
(31)	**Priority Document No**	:	**N.A**
(32)	**Priority Date**	:	**N.A**
(33)	**Name of priority country**	:	**N.A**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) **Name of Applicant:**
GROUP CAPTAIN SYED MOHAMMED GHOUSE (RETD)
Address of the Applicant:
34, C.R.AVENUE, KOLKATA 700012, WEST BENGAL, INDIA. And also of 11-4-636, BAITUS-SALAM, A.C. GUARDS, HYDERABAD 500 004, ANDHRA PRADESH, INDIA

(72) **Name of the Inventor:** GROUP CAPTAIN SYED MOHAMMED GHOUSE (RETD)

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: **A wave energy converter comprising one or plurality of flexible conduits interconnected with couplings to increase the length of flexible conduits as and when required provided to float near or above ocean surface and oriented normal to the incoming wave front and moored appropriately; inflatable buoyancy tanks made of impermeable material being attached along the length of flexible conduits at regular intervals and connected with hosepipes to the air compartment of the pressure chamber by means of a control device that inflates or deflates the buoyancy tanks as required the outlet of said flexible conduits connected to a manifold or plurality thereof which in turn terminate at a pressure chamber, which is further connected to a power take off point.**



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 05/08/2005
(21) Application No.: 00706/KOL/ 2005 A
(43) Publication Date: 25/05/2007

(54) Title of the invention: MASKED PRECURE OF CONTACT LENSES AND METHODS THEREOF.

(51)	International classification	:	B29 D11/00
(31)	Priority Document No	:	10/927 843
(32)	Priority Date	:	27/08/2004
(33)	Name of priority country	:	U.S.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: JOHNSON & JOHNSON VISION CARE, INC.,

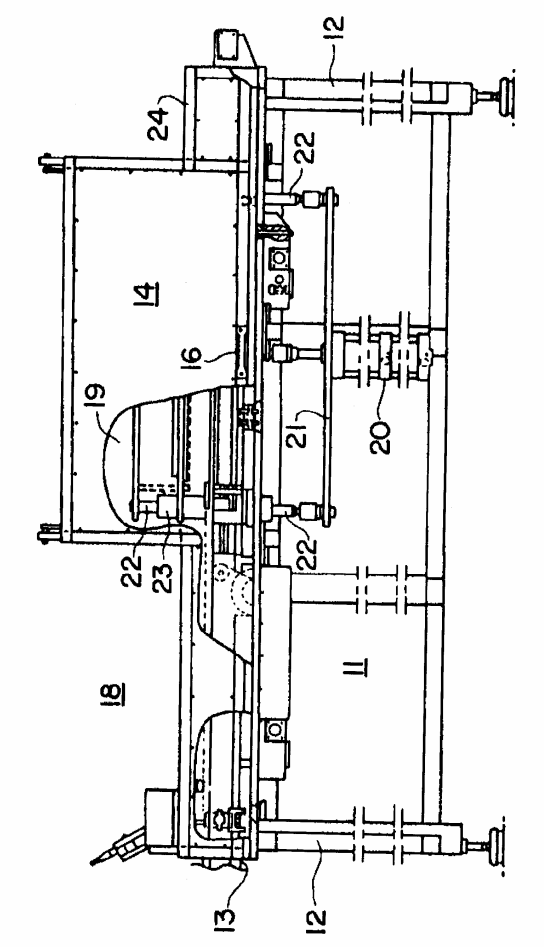
Address of the Applicant: 7500 CENTURION PARKWAY SUITE 100, JACKSONVILLE, FL 32256 U.S.A, FLORIDA CORPORATION

(72) INVENTOR :- 1. P. MARK POWELL
2. KENT YOUNG
3. KERRY T. SANDERS
4. EDWARD R. KERNICK

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Methods and systems for manufacturing tinted contact lenses are provided herein. Disclosed are contact lens mold assemblies that include contact lens mold halves, at least one of which includes a colorant. A portion of the curable lens-forming material is precured, while a portion of the curable lens-forming material in contact with the color layer remains substantially uncured to permit diffusion of the colorant into the lens.



(FIG. - 1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA**

(21) **Application No.: 00708/KOL/ 2005** **A**

(22) **Date of filing of Application: 05/08/2005**

(43) **Publication Date: 25/05/2007**

(54) **Title of the invention: SURGICAL STAPLING INSTRUMENT INCORPORATIION A MULTISTROKE FIRING MECHANISM HAVING A ROTARY SLIP-CLUTCH TRANSMISSIOBN**

(51)	**International classification**	:	**AGIB 17/068**
(31)	**Priority Document No**	:	**10/935 450**
(32)	**Priority Date**	:	**07/09/2004**
(33)	**Name of priority country**	:	**U.S.A**
(86)	**International Application No and Filing Date**	:	**NIL**
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant: ETHICON ENDO-SURGERY, INC.,**

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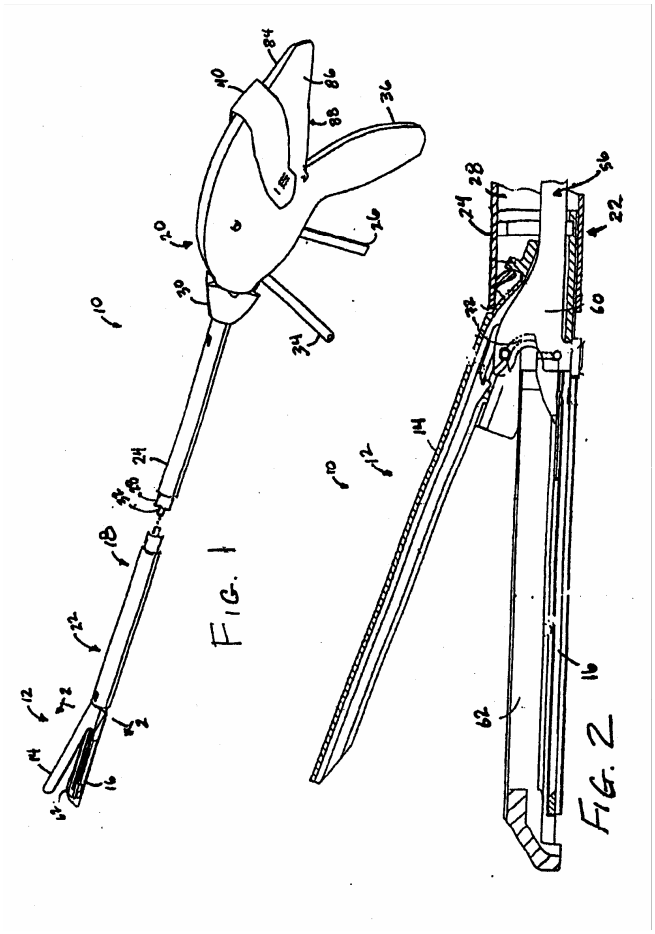
(72) **INVENTOR:-** 1 FREDERICK E SHELTON , IV
2.MICHAEL EARL SETSER
3.DOUGLAS B HOFFMAN

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A surgical stapling and severing instrument particularly suited to endoscopic procedures incorporates a handle that produces separate closing and firing motions to actuate an end effector. In particular, the handle produces multiple firing strokes in order to reduce the required amount of force required to fire (i.e., staple and sever) the end effector.



(FIG. – 1,2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00709/KOL/ 2005 A A
(22) Date of filing of Application: 05/08/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: CERAMIC BALLS FOR COAL PULVERISATION IN TUBE MILL.

(51)	International classification	:	B21D 37/20
(31)	Priority Document No	:	N.A
(32)	Priority Date	:	N.A
(33)	Name of priority country	:	N.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NA
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,

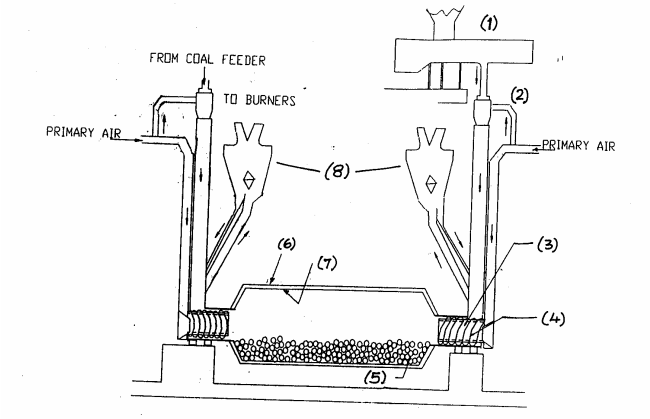
Address of the Applicant: 9/1, DJBLOCK 3rd FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,

(72)
1. PROFESSOR SANJOY KUMAR BISWAS
2. SIDDHARTHA BISWAS
3. JAYANT GANESH KULKARNI
4. SUMIT SAHA
5. BINU SHANTHA RAM

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to an improved ceramic ball adaptable to tube mill for crushing and grinding coal, comprising a solid ball (5) configured using a hard ceramic having diameter between 30 to 50 mm, wherein the specific gravity of the ball being maintained in a range between 3 to 5.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00726/KOL/2005** **A**
(22) Date of filing of Application: 10/08/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: HYDRAULIC KICKER CONTROL PISTON

(51)	**International classification**	:	F01B
(31)	**Priority Document No**	:	10/919160
(32)	**Priority Date**	:	16/08/2004
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional Application No Filed on**	:	

(71) Name of Applicant:
EATON CORPORATION
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(72) Name of the Inventor:
DAVID GEORGE SWARTZER; MICHAEL JOSEPH VOIGT; RODNEY VIKRAM SINGH

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A pump-motor unit (35) including a swashplate (95) having a neutral position (FIG. 3) and first and second displaced positions and comprising first (87) and second (89) pressure actuators associated with the swashplate. Displacement of the swashplate is proportional to substantially only the difference in fluid pressure between a high-pressure source (41) and a low-pressure source (39). The first pressure actuator includes a first control piston (121) having a first effective area (Al), and the second pressure actuator includes a second control piston (127) having a second effective area (A2), the second effective area being at least somewhat greater than the first effective area. If the high and low pressure sources are at substantially the same pressure, the pressure acting on both of the first and second effective areas will displace the swashplate from neutral toward the second displaced position.

(FIG.3,5)

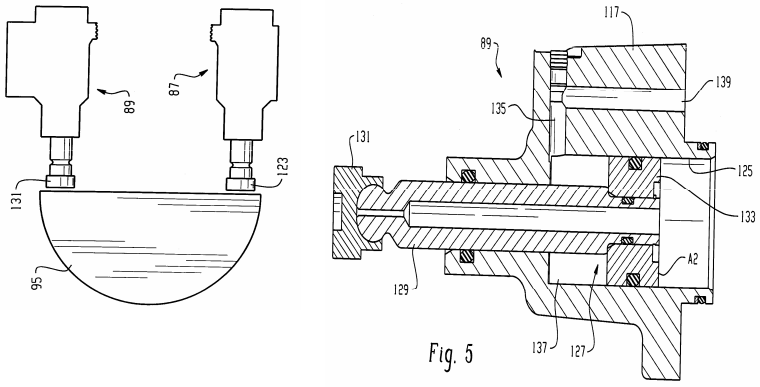

Fig. 5

(12) PATENT APPLICATION PUBLICATION

(19)	**INDIA**	**(21)**	**Application No.: 00738/CAL/1998 A**
(22)	**Date of filing of Application: 27/04/1998**	**(43)**	**Publication Date: 25/05/2007**

(54) Title of the invention: : "DISC-SHAPED INFORMATION CARRIER PROVIDED WITH TWO PORTIONS HAVING DIFFERENT READ-OUT SPEEDS"

(51)	**International classification**	**:**	**G11 B7/24**
(31)	**Priority Document No**	**:**	**97201921.0**
(32)	**Priority Date**	**:**	**23/06/1997**
(33)	**Name of priority country**	**:**	**EP**
(86)	**International Application No and Filing Date:**	**:**	**NIL**
(87)	**International Publication No**	**:**	**NIL**
(61)	**Patent of addition to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**
(62)	**Divisional to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**

(71) Name of Applicant:
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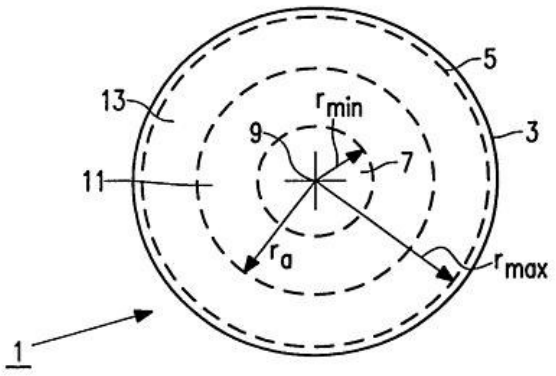
KINGDOM OF THE NETHERLANDS AT GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS

(72) Name of the Inventor:
ALPHONS A. M. L. BRUEKERS,

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A disc-shaped information carrier (1) with a substrate (3) and an information layer (5) which comprises optically readable elementary marks having a substantially uniform density. The information layer (5) comprises a first portion (11) suitable for being read out at a first read-out speed and a second portion (13) suitable for being read out at a second read-out speed higher than the first read-out speed. According to the invention, the second portion (13) of the information layer (5) is at a greater distance to a center (7) of the disc-shaped information carrier (1) than is the first portion (11) of the information layer (5). A range of rotational speeds which an optical read-out unit must have for a full and correct read-out of the information carrier (1) is reduced in this manner. In a special embodiment, the first portion (11) of the information layer (5) comprises a first version of an audio recording provided on the information layer (5) by the DSD transformation method, whereas the second portion (13) of the information layer (5) comprises a second version of this same audio recording provided on the information layer (5) by the PCM transformation method



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00740/KOL/2005 A A
(22) Date of filing of Application: 12/08/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF BICALUTAMIDE.

(51)	International classification	:	CO7C 231/02,231/08
(31)	Priority Document No	:	N.A.
(32)	Priority Date	:	N.A
(33)	Name of priority country	:	N.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No Filed on	:	NIL N.A.
(62)	DivisionalApplication No Filed on	:	NIL N.A.

(71) Name of Applicant: LUPIN LIMITED

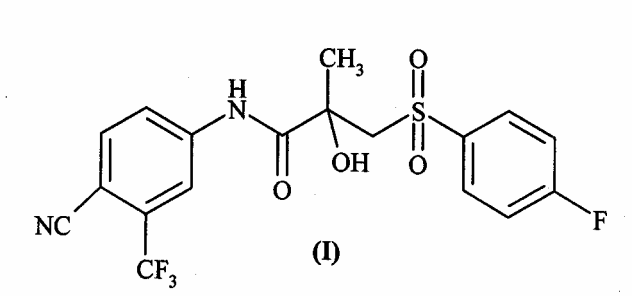
Address of the Applicant: 159, CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400098, MAHARASTRA, INDIA

(72) INVENTOR:- 1. TYAGI, OM DUTT
2. CHAUHAN, YOGENDRA KUMAR
3.CHAVAN, YUVRAJ ATMARAM
4.PAWAR, YOGESH DADAJI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for manufacture of Bicalutamide of formula I



(I)

comprising oxidation of the compound of formula II with defined oxidizing agent in selective organic solvent and isolation of the product by extraction and further purification of the product by crystallization.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00755/KOL/2005** **A**
(22) Date of filing of Application: 17/08/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: AN ELECTRICITY STORAGE/DISCHARGE DEVICE

(51)	**International classification**	:	H01M 8/18, 8/00
(31)	**Priority Document No**	:	Nil
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	Na
(61)	**Patent of addition to Application No Filed on**	:	NA
		:	NA
(62)	**DivisionalApplication No Filed on**	:	403/CAL/1999
		:	29/04/1999

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Address of the Applicant: NO.59, CHUNG HSING 8, ST., SI-HU TOWN, DZAN-HWA, TAIWAN, REPUBLIC OF CHINA

(72) Name of the Inventor: TAI-HER-YANG

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An electricity storage/discharge device comprises a first pair of electrode plates including a first electrode plate and a second electrode plate. A first isolator member is positioned between the first electrode plate and a second electrode plate of said first pair of electrode plates to form a first storage/discharge cell. A third electrode plate Including at least two third current collecting terminals extending outwardly from opposite sides of said third electrode plate is arranged. A fourth electrode plate including at least two fourth current collecting terminals extending outwardly from opposite sides of said fourth electrode plate is provided .A second isolator member is positioned between said third electrode plate and said fourth electrode plate to form a second storage/discharge cell. The second and third current collecting terminals are electrically connected to each other to form a series connection between said first and second storage/discharge cells, and at least two of said first current collecting terminals and at least two of said fourth current collecting terminals are arranged as input/output terminals for said series-connected first and second storage/discharge cells.

(FIG.1)

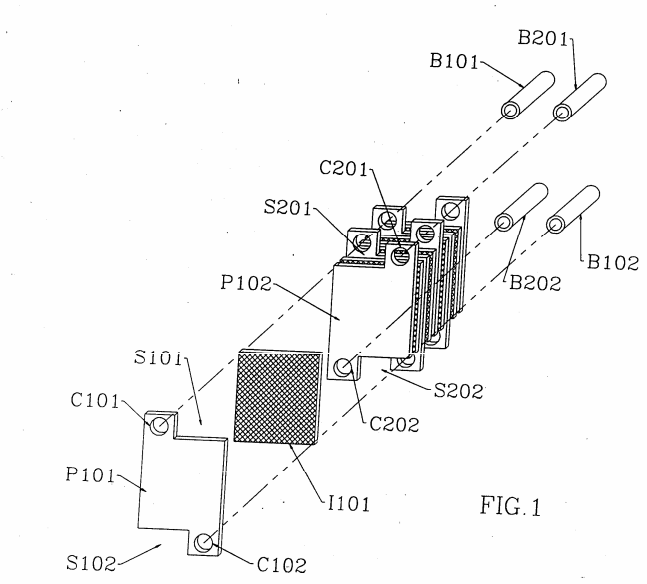

FIG.1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00778 /KOL/2005 A A
(22) Date of filing of Application: 26/08/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PURIFICATION OF BICALUTAMIDE

(51) International classification : CO97C 315/0026
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) DivisionalApplication No : NIL
Filed on : N.A.

(71) Name of Applicant: LUPIN LIMITED

ADDRESS OF APPLICANT: - 159, CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400098, MAHARASHTRA, INDIA
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(72) INVENTOR: -1. TYAGI, OM DUTT
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3. CHAVAN YUVRAJ ATMARAM
4.PAWAR YOGESH DASDAJI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for crystallization of Bicalutamide comprising combining bicalutamide and organic solvent to get a clear solution; treating the solution formed in 'i' with charcoal and concentrating the filtrate; optionally adding organic solvent to the concentrate obtained in 'ii' and heating it to 50 ^{0}C to 80 ^{0}C; cooling the mixture to ambient temperature; adding antisolvent selected from C5 to Cl 0 straight chain, branched, cyclic aliphatic hydrocarbons and mixtures thereof~ collecting the crystals of bicalutamide

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00779/KOL/2005 A
(22) Date of filing of Application: 26/08/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: FLUID DECELERATION/DE-AERATION DEVICE

(51)	International classification	:	BOID 35/00
(31)	Priority Document No	:	10/968516
(32)	Priority Date	:	19/10/2004
(33)	Name of priority country	:	U.S.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	DivisionalApplication No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: DEERE & COMPANY,

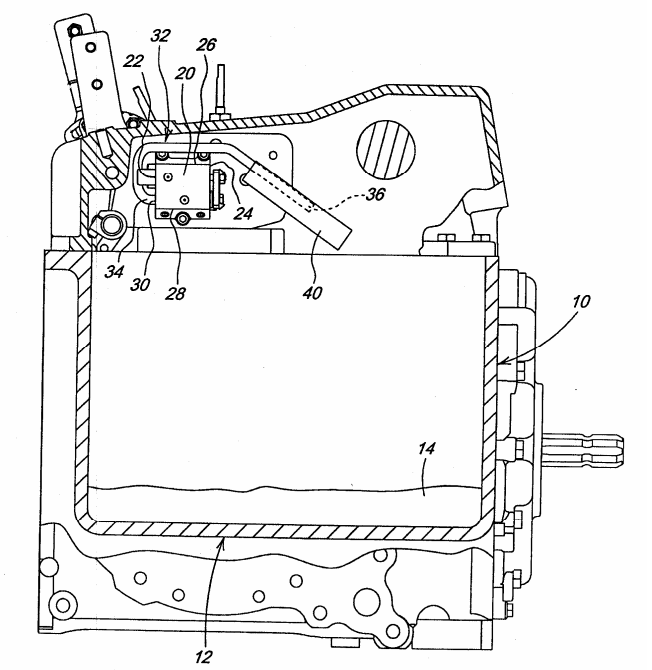
Address of the Applicant: MOLINE, ILLINOIS 61265, U.S.A.

(72) INVENTOR :- HICOK, GAYLENE.

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A fluid deceleration device is provided for a hydraulic system having a housing forming a sump, and a valve unit having an outlet port through which hydraulic fluid is expelled for communication to the sump. The fluid deceleration device includes an elongated tilted fluid container and a conduit which communicates fluid from the outlet port to an interior of the container. The container has an upper open end surrounded by a lip. When the container is filled, de-aerated fluid spills over the lip and falls into the sump.



(FIG. - 1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00802/KOL/2005** **A**

(22) **Date of filing of Application: 02/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **A NEW APPROACH FOR ASSEMBLING PERMANENT MAGNETS ON ROTOR OF A PERMANENT MAGNET GENERATOR USING MAGNETIC BOLTS AND FLUX BARRIER.**

(51) **International classification** : **H02K1/27**

(31) **Priority Document No** : **N.A**
(32) **Priority Date** : **N.A**
(33) **Name of priority country** : **N.A**
(86) **International Application No and Filing Date:** : **NIL**
(87) **International Publication No** : **NIL**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**
(62) **DivisionalApplication No** : **NIL**
Filed on : **NIL**

(71) **Name of Applicant:**
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Address of the Applicant:
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(72) **Name of the Inventor: DR. UMAKANTA CHOUDHURY,**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A permanent magnet generator for synchronous generator, comprising: a rotor (8) having a sleeve (1), the sleeve (1) constitutes at least o e fiat surface configured thereon a plurality of tapped holes (9); a stator (10) wound with three phase tractional slot winding (12); a plurality of magnets (4) mounted on the at least one flat surface of the sleeve (1) by means of corresponding number of pole shoes (5) and bolts (6), characterized in that: at least one fl barrier (7) is provided being Interposed In the pole shoe (5) so as to reduce the flux leakage, and in that: the bolts (6) comprise high strength magnetic bolts.

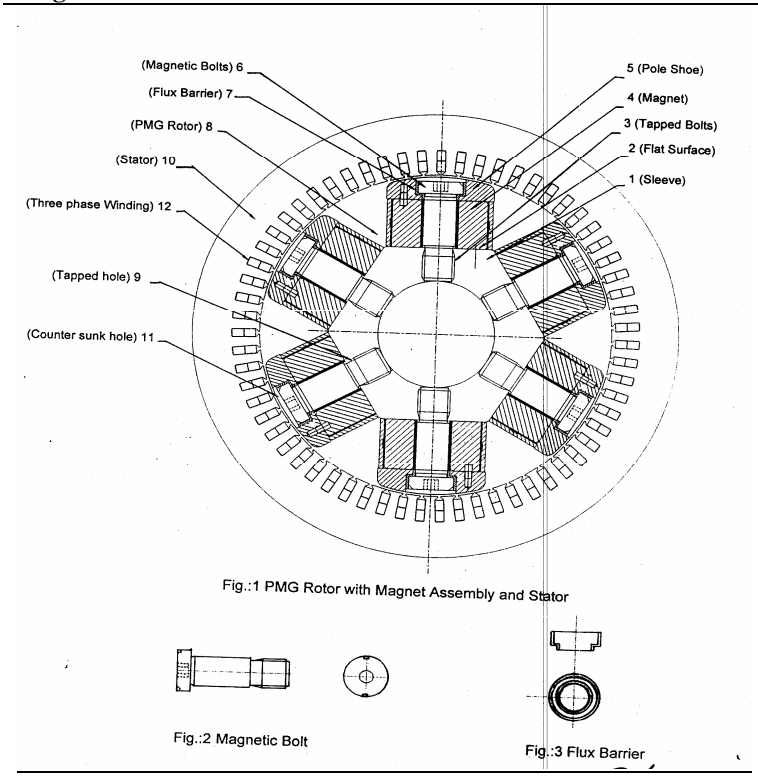

Fig.:1 PMG Rotor with Magnet Assembly and Stator

Fig.:2 Magnetic Bolt

Fig.:3 Flux Barrier

(FIG.1,2,3)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00803/KOL/2005** **A**

(22) **Date of filing of Application: 02/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **AN ELECTROMAGNETIC DEVICE BASED SYSTEM FOR FAULT DETECTION AND IDENTIFICATION IN ROTATING MECHANICAL COMPONENTS**

(51) **International classification** : **H01H47/00**

(31) **Priority Document No** : **N.A**

(32) **Priority Date** : **N.A**

(33) **Name of priority country** : **N.A**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) Name of Applicant: INDIAN INSTITUTE OF TECHNOLOGY,
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(72) **Name of the Inventor:**

1. **AMIYA RANJAN MOHANTY**
2. **2. CHINMAYA KAR**
3. **3. AUROBINDA ROUTRAY**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: An electric motor drives various mechanical systems such as pumps, compressors, gearbox etc. This invention deals with monitoring defects in these rotating mechanical components by the measurement of a developed ripple in the voltage or current caused by using a small DC/AC generator which is connected to the rotating shaft. Spectrum of the ripple voltage developed by the DC generator and/or alternator contains information of the characteristic frequencies of the mechanical components. These characteristic frequencies are rotating shaft frequencies, gear mesh frequencies in a multi-stage gearbox, inner-race, outer race and ball spin frequencies in bearings, vane pass frequency in blowers or compressors, and pump impeller frequency in pumps. The ripple superimposed in the DC supply of the DC generator contains all the characteristic frequencies along with the 50 Hz line frequency. In case of a balanced alternator, these frequencies appear as sidebands across the generated frequency which is same as the shaft speed. At higher loads, the distinction of defective condition is easier than that in low load condition. Besides the spectrum analysis, other signal processing techniques used in these invention are wavelet transform and a corrected multiresolution fourier transform. A real-time embedded digital signal processing (DSP) platform has been developed to provide alarm whenever a defect is sensed by the sensor.

FIGURE 2 (a)

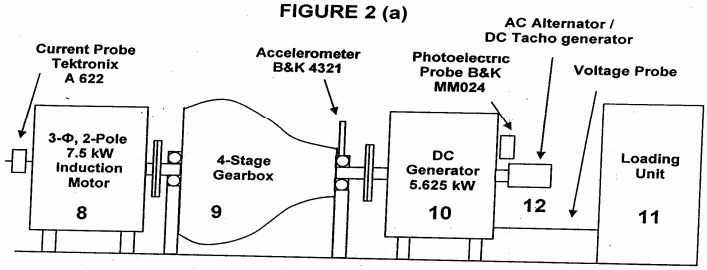
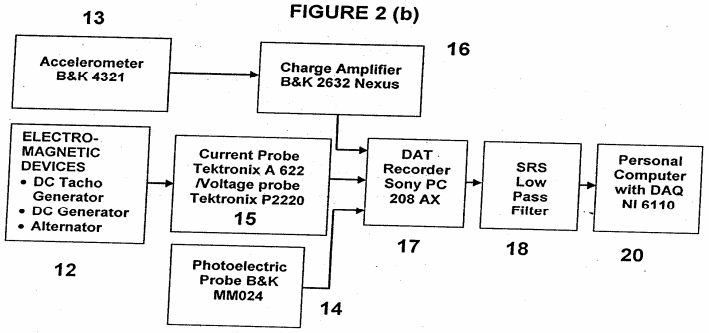


FIGURE 2 (b)



(FIG.2a,2b)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00823/KOL/2005** **A**

(22) **Date of filing of Application: 08/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **SILICONE RELEASE COMPOSITIONS AND SILICONE RELEASE PLASTIC FILMS USING THE SAME,**

(51) **International classification** : **B32 B27/08,** CO8L 83/04, 77/04, CO8L 83/00

(31) **Priority Document No** : **10-2005-50254**

(32) **Priority Date** : **13/06/2005**

(33) **Name of priority country** : **KOREA**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:** TORAYSAEHAN INC.

Address of the Applicant: 93-1 IMSU-DONG, GUMI-CITY, KYUNGSANGBUK-DO, KOREA

(72) **Name of the Inventor: I. JEONG WOO LEE**
II. SANG PIL KIM
III. MUN BOK LEE

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Disclosed are a silicone release composition and a silicone release plastic film using the same. The silicone release composition comprises a vinyl group- containing polysiloxane, hydrogen polysiloxane, epoxycyclohexyl group-containing silane, platinum catalyst, and polyether or lauryl ether. When the silicone release composition is coated on an oriented polyester film during a manufacturing process thereof in an in-line coating mode, a release film having excellent silicone curing characteristics, interfacial adhesion between a silicone layer and plastic film and peel characteristics can be obtained.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00824/KOL/2005 A

(22) Date of filing of Application: 08/09/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : A PROCESS FOR THE PREPARATION OF NANOSIZED MTIO3

(51) International classification : C01G28/047

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL
Filed on : NIL

(62) DivisionalApplication No : NIL
Filed on : NIL

(71) Name of Applicant: INDIAN INSTITUTE OF TECHNOLOGY

Address of the Applicant: KHARAGPUR, PIN-721 302, WEST BENGAL, INDIA

(72) Name of the Inventor: 1. BISWAS SOUMYA KANTI
2. PRAMANIK PANCHANAN

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Thus the present invention relates to a process which comprises fusing the ilmenite ore using sodium hydroxide sodium carbonate, separating the iron content to minimal quantity, preparing a solution of titanium oxychloride and thereafter precipitating the precursor of nano-sized alkaline earth metal titanates from the solution mixture of alkaline earth metal chloride and titanium oxychloride using ammonium carbonate or sodium carbonate and there after calcining tc) get nano-sized titanates of alkaline earth metals.

According to one embodiment of the invention there is provided a process for the cost-effective of alkaline earth metal titanate pigments, said process preparation comprising:

(a) Extraction of titanium as its water soluble oxychloride salt from the ilmenite ore;
(b) Selective separation of iron content from the solution,
(c) Production of precursor fine powders of alkaline earth metal titanates using precipitating agents on the mixture comprising alkaline earth metal chlorides a d titanium oxychloride, and

(d) Calcining the white precipitated mass to nanosized titanates.

According to another embodiment there is provided a process for the cost- effective preparation of nano-sized barium titanate or strontium titanate or calcium titanate powder, said process comprising:
(a) Extraction o titanium as its water soluble oxychloride salt from the ilmenite ore;
(b) Selective separation of iron content from the solution;
(c) Production of precursors of nano-sized powders of barium titanate ore strontium titanate or calcium titanate powder by using precipitating agents on the mixture comprising barium chloride (BaCI2.2H20) or strontium chloride (S C12.6H20) or calcium chloride (CaCI2.2H20) and titanium oxychloride;
(d) Calcining the white precipitated mass thus obtained to get nano-sized titanates.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00828/KOL/2005 A
(22) Date of filing of Application: 09/09/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : "SYSTEM AND METHOD FOR LOYALTY MANAGEMENT"

(51)	International classification	:	G06T 7/00
(31)	Priority Document No	:	N.A
(32)	Priority Date	:	N.A
(33)	Name of priority country	:	N.A
(86)	International Application No and Filing Date:	:	NIL
(87)	International Publication No	:	NIL
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	NIL
(62)	DivisionalApplication No	:	NIL
	Filed on	:	NIL

(71) Name of Applicant: LATHAIYER
Address of the Applicant:
C/OMR. O P GUPTA, # 3A SUKLAP APARTMENTS, 207 SARAT BOSE ROAD, KOLKATA 700029, INDIA

(72) Name of the Inventor: LATHAIYER

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Accordingly, present invention relates to an improved process for the preparation of Bicalutamide comprising steps of:

(1) dissolving the compound of formula II in an organic solvent,
(ii) addition of an oxidizing agent,
(iii) extraction crude Bicalutamide using ethyl acetate.

The said oxidizing agent utilized in step (ii) is selected from the group consisting of sodium hypochloride, N-bromo succinamide, N-chloro succinamide, cumene hydroparoxide, m-chloro per benzoic acid and the like.

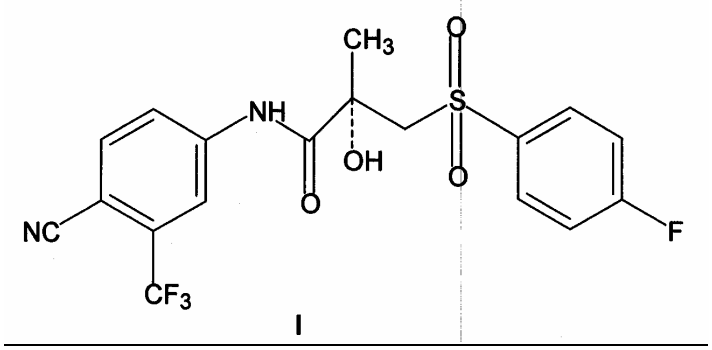
The examples of organic solvent utilized in step (i) includes but not limited to tetrahydrofuran, acetonitrile, dimethylforma~ide, dimethylsulfoxide and dichlorornethane and the like.

Accordingly, present invention relates to an improved process for the preparation of Bicalutamide comprising steps of:

(i) dissolving the compound of formula LI in an organic solvent,
(ii) addition of an oxidizing agent,
(iii) filtration of the compound obtained in step (ii),
(iv) concentrate the filtrate under vacuum to give crude Bicalutamide.

The said oxidizing agent utilized in step (ii) is selected from the group consisting of metal oxide such as lead dioxide and Manganese dioxide and the like. The examples of organic solvent utilized in step (i) includes but not limited to tetrahydrofuran, acetonitrile, dimethylformamide, dimethylsulfoxide and dichloromethane and the like.

The present invention is explained in more detai~ by referring to the following Reference Examples and Examples, which are not to be construed as limiting the scope of the invention.



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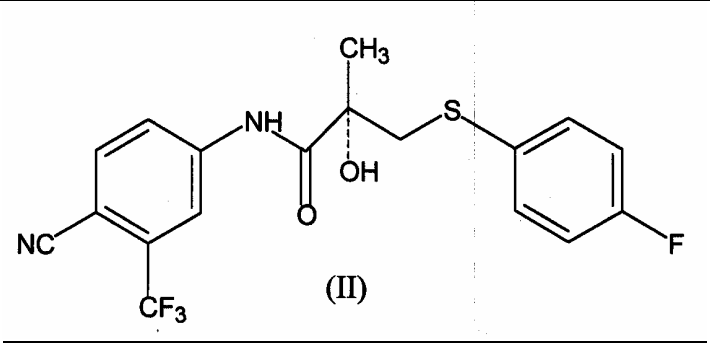

(II)

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00834/KOL/2005 A
(22) Date of filing of Application: 12/09/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : PROCESS FOR MANUFACTURE OF HOT ROLLED HIGH STRENGTH VANADIUM CONTAINING STEEL PLANTS IN UNDER POWERED PLATE MILLS

(51) International classification : H01F 5/00
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) DivisionalApplication No : NIL
Filed on : NIL

(71) Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED
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(72) Name of the Inventor:
1. SAXENA ATUL
2. SARKAR BISWAJIT
3. BIMAL KUMAR JHA
4. RAMEN DATTA
5. PRAKASH KUNDAN.

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A process for production of high-strength steel plates and, in particular, to the production of hot rolled high-strength steel plates in underpowered plate mills involving high-strength imparting vanadium content. Importantly the process can be carried out in underpowered plate mills With rolling load capacity of up to abut 5000 tons comprising by way of a effective heat composition having strength enhancing Vanadium content of up to 0.22 about % by wt; and processing followed by finally subjecting the slabs thus treated to rolling in Plate Mill having load capacity of up to about 5000 tons such as to thereby obtain high strength plates with Vanadium content without significant Increase In rolling load. The process of the invention achieves advantageous use of high vanadium content In steel plate manufacture to increase the strength of plates without any significant increase in rolling load and would thus favour producing high-strength plates In under powered plate mills with rolling load capacity of up to about 5000 tones.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00835/KOL/2005 A** **A**
(22) **Date of filing of Application: 12/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: APPARATUS AT A SPINNING ROOM MACHINE, ESPECIALLY A FLAT CARD, ROLLER CARD, CLEANER OR THE LIKE, FOR PROCESSING, ESPECIALLY GRINDING AND/OR SHARPENING, A FIBRE PROCESSING CLOTHING.**

(51)	**International classification**	:	**DOIG 15/00**
(31)	**Priority Document No**	:	**102004 060 663. 3**
(32)	**Priority Date**	:	**15/12/2004**
(33)	**Name of priority country**	:	GERMANY
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**DivisionalApplication No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant: TRUTZSCHLER GMBH & CO. KG.,**

ADDRESS OF THE APPLICANT:
DUVENSTRASSE 82-92, D-41199
MONCHENGLADBACH, GERMANY,

(72) **Name of the Inventor: 1. FRITZ HOSEL,**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

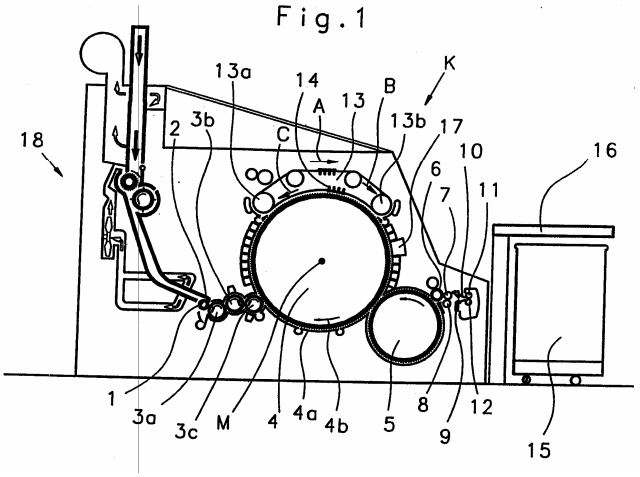
(57) Abstract:

In an apparatus at a spinning room machine, especially a flat card, roller card, cleaner or the like, for processing, especially grinding and/or sharpening, a fibre processing clothing drawn onto a roller, especially a sawtooth all—stee1 clothing, having a processing arrangement which is movable along a track, the spinning room machine has an electronic control and regulation device together with a drive control, which is used f or controlling the speed of rotation of the processing arrangement.

In order to control and/or regulate all functions of or for the processing arrangement using means that are simple in terms of equipment, control and/or regulation of or for the processing arrangement is integrated into the control and regulation device of the spinning room machine, the function elements of or for the processing arrangement, especially actuators and the like, and the control and regulation device of the spinning room machine being capable of excha~aging signals unidirectionally and/or bidirectionally.

(FIG. - 3)

Fig. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 14/09/2005
(21) Application No.: 852/KOL/2005 A
(43) Publication Date: 25/05/2007

A

(54) Title of the invention: BOBBIN FOR SPINNING MACHINE

(51)	International classification	:	B65H 61/00
(31)	Priority Document No	:	2005-62206, 2005-74749
(32)	Priority Date	:	11.07.2005 16.08.2005
(33)	Name of priority country	:	KOREA
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	DivisionalApplication No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: KIM KYUNG HO

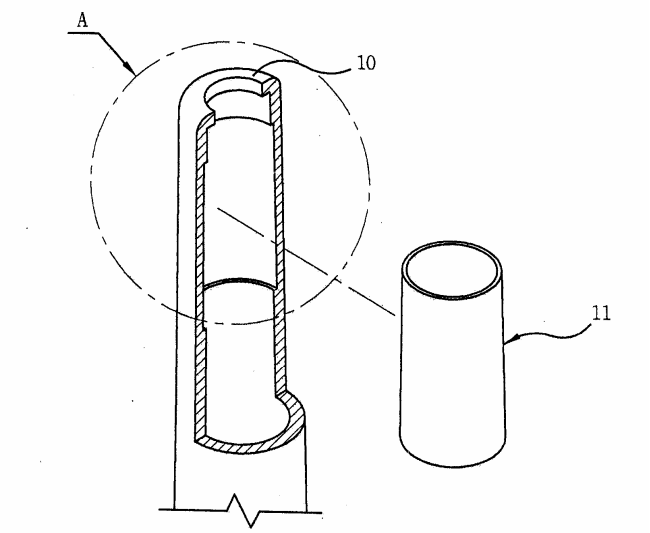
Address of the Applicant: 158, KANGNAM-DONG, CHINJU-SHI KYUNGSANGNAM-DO, REPUBLIC OF KOREA.

(72) Name of the Inventor: 1. KIM KYUNG HO

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to a bobbin for a spinning machine in which a bushing is installed on an inner peripheral wall of the bobbin in the spinning machine in such a fashion as to be inserted around a peripheral portion of the spindle tip, wherein the bushing is fabricated by an alloy composed of 10~80 wt.% Cu, 10~80 wt.% Ni, and 10-~80 wt.% Zn, and is coated with tetra--fluoro polyethylene at an inner peripheral surface thereof and has a thickness not more than O.3niiii, so that strength of the bushing is great despite its thin thickness (below 0.3 lrnn), twist strength can be also enhanced due to relative increase of the bobbin thickness, and occurrence of ammonia gas due to friction with the spindle during the rotation of the bushing can be suppressed to thereby decrease occurrence of cracks and enhance enduring property.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(21) Application No.: 00857/KOL/2005 A A
(22) Date of filing of Application: 15/09/2005
(43) Publication Date: 25/05/2007

(54) Title of the invention: METHOD AND APPARATUS FOR MANAGING CELL-BY-CELL DEMODULATION TIMINGS OF A USER EQUIPMENT IN AN ASYNCHRONOUS MOBILE TELECOMMUNICATION SYSTEM..

(51) International classification : HO4Q3
(31) Priority Document No : 74537/2004
(32) Priority Date : 17/09/ 2004
(33) Name of priority country : KOREA
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) DivisionalApplication No : NIL
Filed on : N.A.

(71) Name of Applicant: SAMSUNG ELECTRONICS CO.LTD.

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(72) Name of the Inventors: 1. WON-KYU SUK
2.JUNG-HWAN RIM
3.JOO-KWANG KIM

(57) Abstract:

A method and an apparatus are provided for managing cell-by-cell demodulation timing of an asynchronous user equipment WE) for demodulating multipath signals, received from a plurality of cells, in a plurality of fingers. Mapping information, indicating fingers mapped on a cell-by-cell basis, and demodulation information and demodulation timing information for the plurality of cells are acquired. The fingers are grouped on a cell-by-cell basis according to the mapping information. Demodulation information for an associated cell is provided to each of the grouped fingers. A signal received from the associated cell is demodulated in the grouped fingers by using the demodulation information for the associated cell. System load and costs can be reduced by managing demodulation timings on a cell-by-cell basis in the UE that simultaneously perform data transmission/reception with the cells in which transmission timings are different from each other in a soft handover situation in an asynchronous mobile telecommunication system.

(FIG. - nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00865/KOL/2005** **A**

(22) **Date of filing of Application: 20/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "UNDERWATER OIL STORAGE METHOD AND SYSTEM"**

(51) **International classification : E02B17/00**

(31) **Priority Document No : N.A**

(32) **Priority Date : N.A**

(33) **Name of priority country : N.A**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **DivisionalApplication No : NIL**

Filed on : NIL

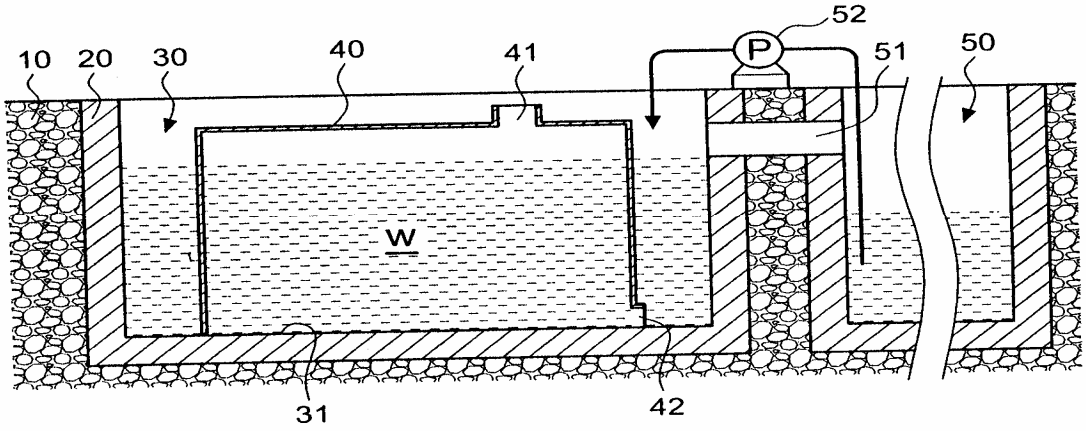
(71) **Name of Applicant:** ZUEI-LING, LIN

Address of the Applicant: 4F, NO. 260, SUNG HO STREET, TAIPEI, 10567, TAIWAN R.O.C.

(72) **Name of the Inventor:** ZUEI-LING, LIN

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: An underwater oil storage method, which includes the steps of: a) excavating a cellar in the ground earth (10) and constructing a wall structure (20) in the cellar to form a water pool (30), b) setting an oil tank (40) in the water pool (30), c) supplying a predetermined amount of water to the water pool (30), and d) filling the oil to be stored into the oil tank (40) and regulating the amount of water in the water pool (30) subject to the amount of storage oil stored in the oil tank (40) for enabling water in the water pool (30) to support the oil tank (40) and storage oil in the oil tank (40) and to keep the oil tank (40) in balance by means of the physical characteristic that the specific gravity of the storage oil is lower than water.



(FIG.2f)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00866/KOL//2005 A
(22) Date of filing of Application: 20/09/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : LED POSITIONING STRUCTURE

(51) International classification : H05 B 37/00
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) DivisionalApplication No : NIL
Filed on : NIL

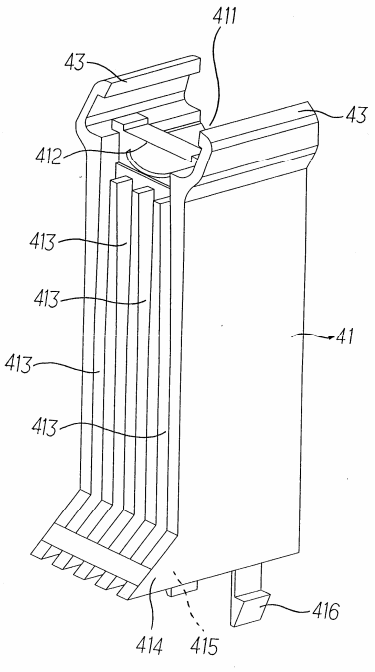
(71) Name of Applicant: TAIWAN OASIS TECHNOLOGY CO., LTD.,

Address of the Applicant: 11F1., NO.306, SECTION 4, HSIN YI RD., TAIPEI, TAIWAN, CHINA,

(72) Name of the Inventor: 1. MING-SHUN LEE, 2. WEN-FA KUO,

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: An improved LED positioning structure includes a retaining holder and a cover; multiple slots being disposed on one side of the retaining holder; a slope externally extending beneath each slot gradually and externally extending a slope; a hole connecting through each slot being formed on the bottom of the slope; a positioning channel at the top of the retaining holder for LED pins to respectively penetrate each hole, thus each pin being placed in a slot; a bent part of each pin being formed by the curvature located between the slot and the positioning channel to position the LED mask in the positioning channel; and the cover being positioned at top of the slot to secure the LED in place.



(FIG.3a)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00871/KOL/2005 A**

(22) Date of filing of Application: 21/09/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : CONTACTLESS CONNECTOR

(51)	**International classification**	:	**H02P 13/16**
(31)	**Priority Document No**	:	**2004-292160**
(32)	**Priority Date**	:	**05/10/2004**
(33)	**Name of priority country**	:	**JAPAN**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**DivisionalApplication No**	:	**NIL**
	Filed on	:	**NIL**

(71) Name of Applicant:
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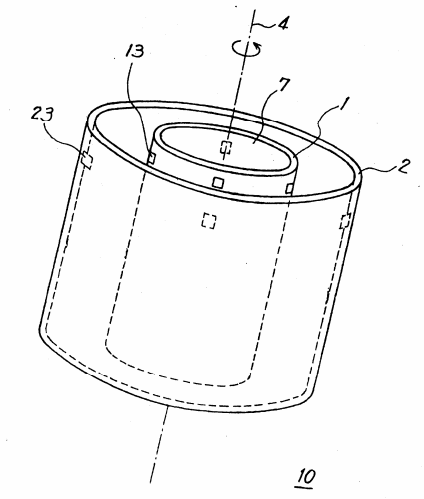
(72) Name of the Inventor: KOITABASHI HIROYUKI

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A contactless connector that secures communication continuity is provided. The contactless connector comprises a rotation-side light element disposed on a rotating body that rotates about a rotational axis and a fixed-side light element disposed on a fixed body in a position facing the rotation-side light element, and which sends and receives data contactlessly between the rotation-side light element arid the fixed-side light element, wherein the rotating body is formed in a cylindrical shape with the rotational axis serving as the center axis of the rotating body; the rotation—side light element is on the cylindrical face of the rotating body and is disposed to emit light in the circumferential direction :Lri which the rotating body rotates; and the fixed-side light element is disposed on the fixed body so as to be able to receive the light that is emitted from the rotation—side light element.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00873/KOL/2005** **A**

(22) **Date of filing of Application: 22/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : CERAMIC FUEL INLET ELBOW GATE**

(51) **International classification** : **H01M 8/12,** 8/10

(31) **Priority Document No** : **N.A**

(32) **Priority Date** : **N.A**

(33) **Name of priority country** : **N.A**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED**

Address of the Applicant:
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(72) **Name of the Inventor:**

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2. **CHENNIEE PALANISAMAY**
3. **SUBRAMANIAN DHANABAL**
4. **SUGHALI VISHLAVAT SIVARAMULU**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: This invention relates to an integrated shut-off device in a fuel-firing system of a boiler, comprising an elbow-shaped gate body (1) with ceramic lining, the body (1) is so configured to allow an approachable space for maintenance having provision of a ceramically-lined rotatable disc (2). The body (1) is connected through a connecting means (13) to a plurality of pipes of the system via a coupling means. A drive shaft (5) of the system accommodating a drive plate (10) via atleast one spring dowel (11), the drive shaft (5) is rotated by an actuator (8) and transferring the rotating motion of the shaft (5) to the disc (2) via the disc plate (2). The device is opened when the rotating motion of the drive shaft (5) including a delivery pressure of the air-fuel flow of the system exceeds a pre-set limit thereby allowing the disc (2) to take a position to provide a free- flow of the supplied air-fuel flow.

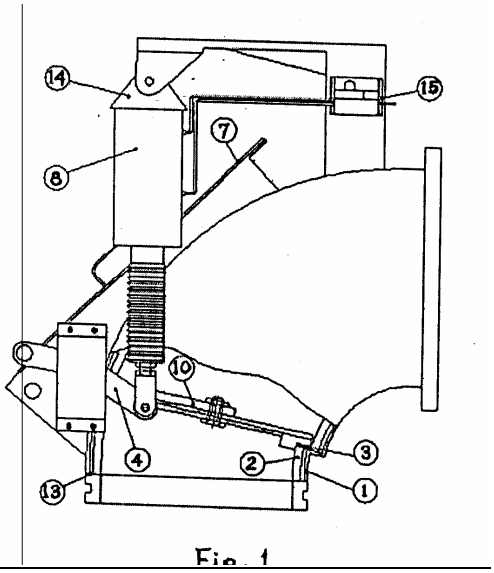

Fig. 1

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00876/KOL/2005 A
(22) Date of filing of Application: 23/09/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : TELE ELECTRIC SYSTEM

(51) International classification : G08G 1/081
(31) Priority Document No : NIL
(32) Priority Date : NIL
(33) Name of priority country : NIL
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) DivisionalApplication No : NIL
Filed on : NIL

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
SHRI KRISHNARAM DEV GOSWAMI

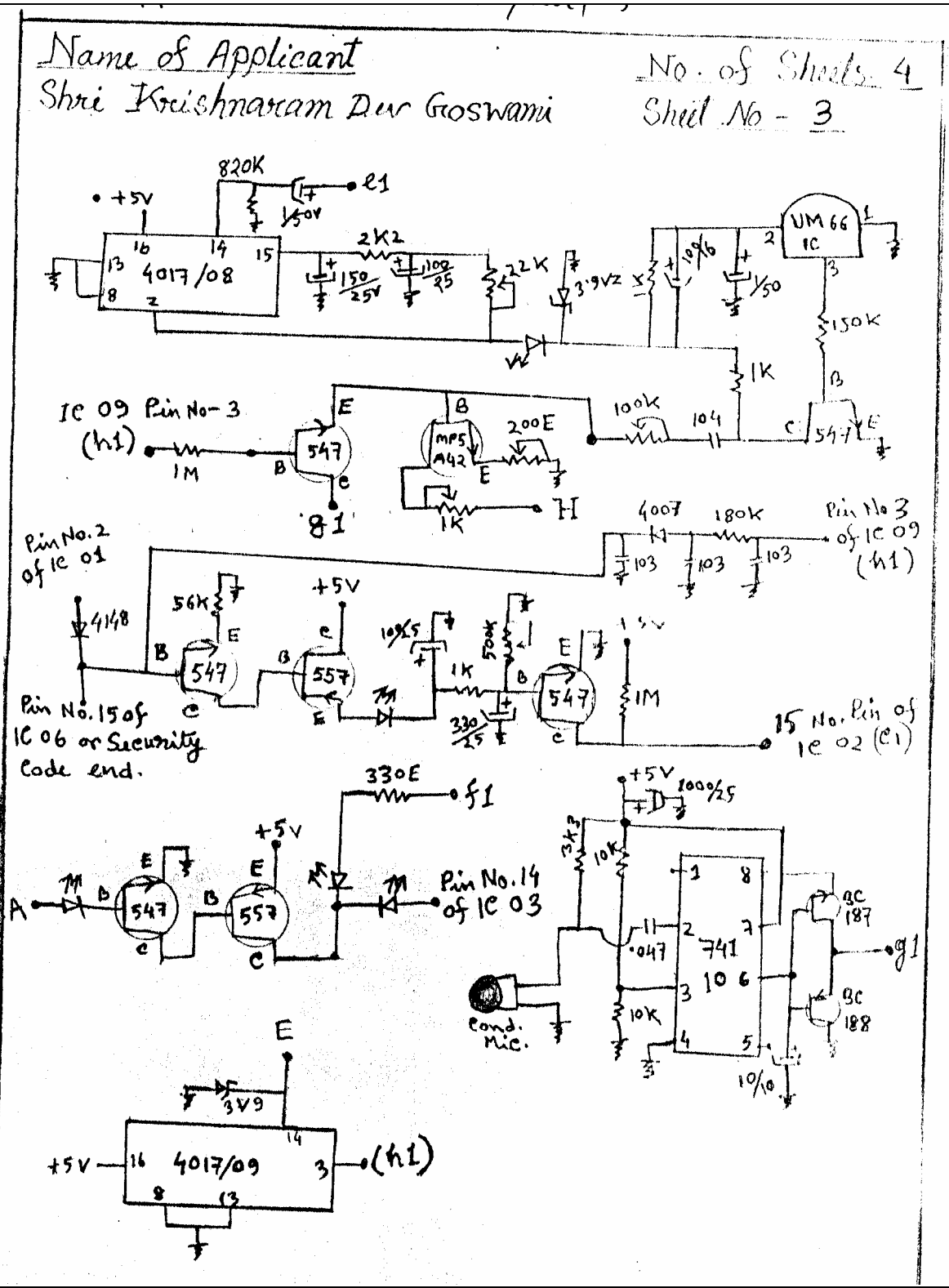
Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: The invention relates to operation of household electric and electronics item by using telephone. Mobile Phone or Personnel Remote Control from any place with a security system.

For many people due to carelessness, forgetfulness, hurriedness, emergency or for utility service some times valuable household electric or electronics items are either left operated or un-operated which can result in damage or loss of the valuable assets as well as electric energy. Moreover, there is no any security for the house when no one is there.

These problems are overcome by the present invention, which provides a Tele- Control operation of household assets with a security system.

The main object of the invention is to protect the valuable household electric or electronics assets and saving of electrical energy also with a provision for security of the house from thief, burglary etc. In accordance with the present invention there is provided a new process of operating household valuable electric and electronic assts with the help of telephone, mobile phone or personnel remote with a security system through a device which is affordable for all.


Name of Applicant
Shri Krishnaram Dev Goswami
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UM 66 IC
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1K
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MPS A42
200E
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104
H
g1
4007
180K
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Pin No. 2 of IC 01
4148
56K
103
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330E
f1
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Cond. Mic.
BC 187
BC 188
15 No. Pin of IC 02 (e1)
3V9
4017/09
(h1)

(FIG.3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00894/KOL/2005** **A**

(22) Date of filing of Application: 28/09/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : DUAL INTERFACE STORAGE CARRIER

(51)	**International classification**	**:**	**G11C 5/00**
(31)	**Priority Document No**	**:**	**N.A**
(32)	**Priority Date**	**:**	**N.A**
(33)	**Name of priority country**	**:**	**N.A**
(86)	**International Application No and Filing Date:**	**:**	**NIL**
(87)	**International Publication No**	**:**	**NIL**
(61)	**Patent of addition to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**
(62)	**DivisionalApplication No**	**:**	**NIL**
	Filed on	**:**	**NIL**

(71) Name of Applicant:
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2. CHIEN-YUAN CHEN

Address of the Applicant:
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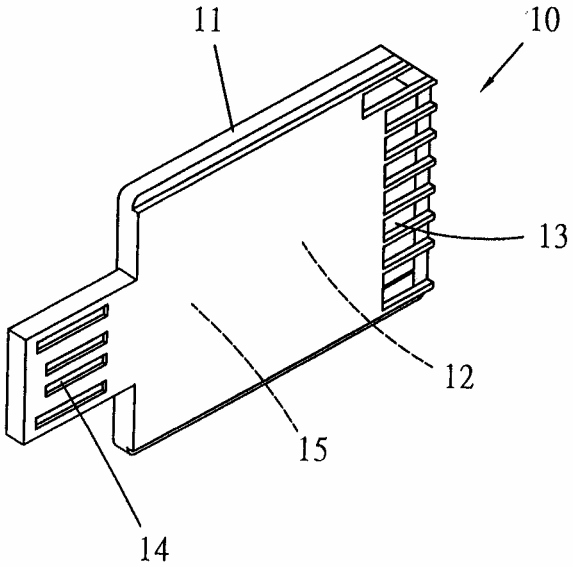
(72) Name of the Inventor: CHIEN-YUAN CHEN

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A storage carrier includes a connection interface at an opposite end to a main interface on a casing, and a control chip having a dual interface transmission function inside the casing. This control chip is connected to a memory unit, the main interface, and the connection interface, thereby constituting a storage carrier having a dual interface transmission function.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00923/KOL/2005 A
(22) Date of filing of Application: 06/10/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: **A PRODUCT CONSISTING OF BITTER ORANGE ALCOHOLIC EXTRACT AS AN ANTI-BRAIN TUMOUR AGENT**

(51)	International classification	:	A61K
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	DivisionalApplication No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
3. **PRASANTA BANERJI**
4. **PRATIP BANERJI**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A medicinal product for treatment of brain tumor cases prepared by 200 gm of the bitter orange fresh leaves soaked in 500 ml dispensing alcohol 90 % (as per homeopathic pharmacopoeia of India, Government of India, Ministry of Health, 1st volume, first edition, 1971) for 10 days in a sterile sealed glass container. Then it is filtered through sterile gauge pieces and the extract is collected and stored at room temperature in sterile contain1rs. This bitter orange mother tincture or BOØ was diluted following homeopathic pharmacopoeia to 6c potency. This 6c-potentized medicine is then used in a dose of 5 drops in a tablespoonful of water and taking three times a day. In most (70 % cases) brain tumor cases regression is seen within three months of treatment. There is no side effect of bitter orange in this dilution.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 20/10/2005
(21) Application No.: 00963/KOL/2005 A
(43) Publication Date: 25/05/2007

(54) Title of the invention: WHITE MULTI-WAVELENGTH LED & ITS MANUFACTURING PROCESS

(51)	International classification	:	H01L 33/00
(31)	Priority Document No	:	Nil
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	DivisionalApplication No	:	NIL
	Filed on	:	NIL

(71) Name of Applicant:
TAIWAN OASIS TECHNOLOGY CO LTD

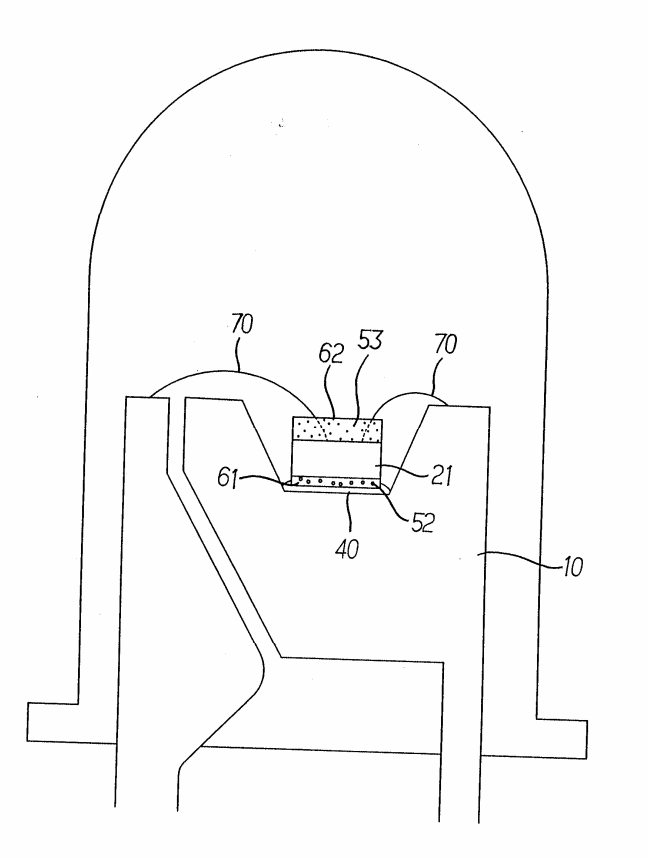
Address of the Applicant:
11FL NO 306 SECTION 4, HSIN YI RD, TAIPEI TAIWAN REPUBLIC OF CHINA

(72) Name of the Inventor:
1. MING-CHUN LEE

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A white multi-wavelength LED and its manufacturing process has bonded at the bottom of a light emitting chip in a given color a first non-conductive material containing phosphor in a corresponding color to that of the chip to become a die unit; the first non-conductive material functioning as the position where the die unit is bonded to a carrier; golden plated wire constituting the circuit connection of the chip; a second non-conductive material containing phosphor in a color corresponding to that of the chip being injected to cover up the top of the chip to emit the expected white light and effectively promote the luminance performance of the LED.



(FIG. - 6)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00968/KOL/2005** **A**

(22) **Date of filing of Application: 21/10/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : METHOD OF CONTROLLING AIR CONDITIONER FOR VEHICLES**

(51) **International classification : B60H 1/32**

(31) **Priority Document No : 10-2004-0084275**
10-2005-0096325

(32) **Priority Date : 21/10/2004**
13/10/2005

(33) **Name of priority country : KOREA**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**
Filed on : NIL

(62) **DivisionalApplication No : NIL**
Filed on : NIL

(71) **Name of Applicant: HALLA CLIMATE CONTROL CORP.,**

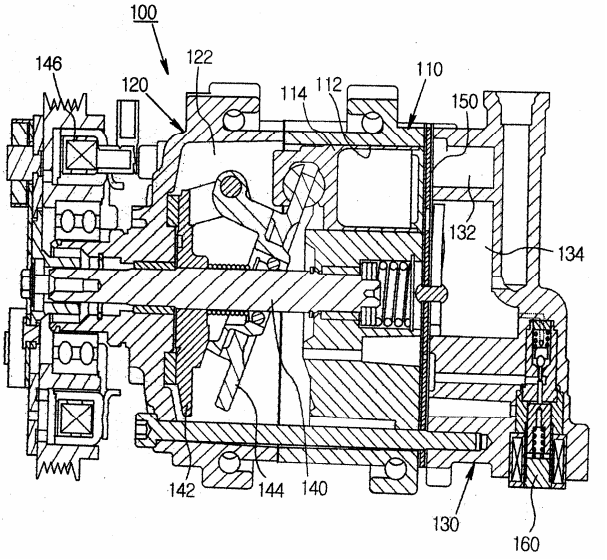
Address of the Applicant: 1689-1, SINIL-DONG, DAEDEOK-GU, DAEJEON-SI,2306-230, KOREA

(72) **Name of the Inventor:**
1. LEE, JEONG-HOON
2. KIM, TAE-EUN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A method of controlling air conditioner for vehicles wherein the target control value of the pressure control valve which controls tilt angle of a swash-plate of a swash-plate type variable capacity compressor is variably controlled according to the temperature deviation between target evaporator temperature and actual evaporator temperature, thereby efficiently controlling the discharge capacity of the compressor.

The method of controlling air conditioner for vehicles of the present invention comprises the steps of: calculating target heat discharge quantity; determining on the high thermal load control or low thermal load control from the calculated targ~t heat discharge quantity; and compulsively controlling the control value (Duty) of the pressure control valve of swash-plate type variable capacity compressor according to the amount of the thermal load firstly, and then normally controlling the control value secondly. By compulsively controlling the control value of the compressor according to the amount of the thermal load decided from the target heat discharge quantity firstly, and then normally controlling the control value secondly, the actual evaporator temperature can reach the target evaporator temperature at initial stage of the operation and temperature stability can be secured.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 00996/KOL/2005 A
(22) Date of filing of Application: 03/11/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : SCREEN CHANGING METHOD IN MOBILE TERMINAL

(51) International classification : H04B 1/38
(31) Priority Document No : 91039/2004
(32) Priority Date : 09/11/2004
(33) Name of priority country : KOREA
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) DivisionalApplication No : NIL
Filed on : NIL

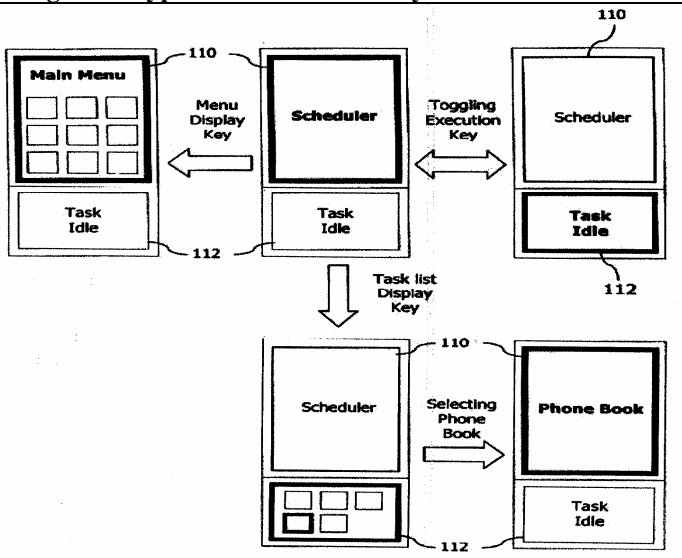
(71) Name of Applicant: LG ELECTRONICS INC.

Address of the Applicant:
20, YOIDO-DONG, YONGDUNGPO-GU, SEOUL KOREA

(72) Name of the Inventor:
LEE CHUL-MIN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A mobile terminal and a screen changing method in the mobile terminal are discussed. The method in one embodiment includes selecting a function key on the mobile terminal, determining a type of the selected function key, and changing a current process displayed on one of a first and second display portions of a display of the mobile terminal according to the type of the function key determined in the determining step.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA**
(21) **Application No.: 00998/KOL/2005** **A**
(22) **Date of filing of Application: 03/11/2005**
(43) **Publication Date: 25/05/2007**

(54) **Title of the invention: AC MOTOR STATOR**

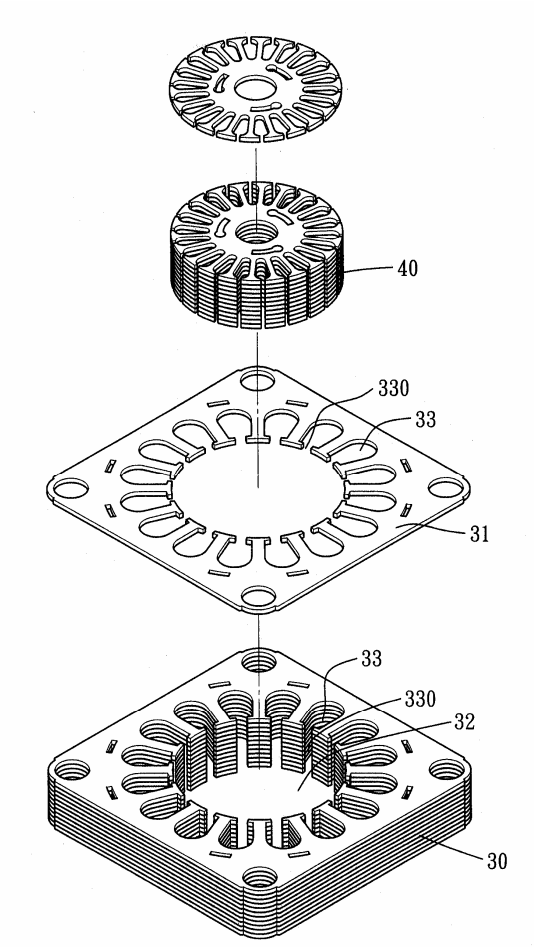
(51)	**International classification**	:	**H02H 1/12**
(31)	**Priority Document No**	:	
(32)	**Priority Date**	:	
(33)	**Name of priority country**	:	
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**DivisionalApplication No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
KUEN YANG INDUSTRIAL CO LTD
Address of the Applicant:
NO 1-34 1-35 LUNG PINMG LIN PING TSUN GUAN YIN HSIANG TAOYUAN HSIEN TAIWAN R.O.C
(72) **Name of the Inventor:**
CHAO-CHIN CHUNG

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An AC motor stator includes a plurality of thin silicon steel plates laminated, and said silicon steel plates have a plurality of wire grooves formed inclined for a certain angle to the outer surface of the stator. So when the coil wound continuously around each section between every two neighboring wire grooves of the stator, the magnetomotive force generated at those sections may be evenly distributed and are continuative to one another so the power of the AC motor may be boosted.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01085/KOL/2005** **A**
(22) Date of filing of Application: 30/11/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: ESTABLISHMENT OF HS 75-25 COATING ON VALVE SPINDLES OF STEAM TURBINE OF ALL RATING INDIGENOUSLY BY D-GUN PROCESS

(51)	**International classification**	**:**	**B05B 15/12**
(31)	**Priority Document No**	**:**	
(32)	**Priority Date**	**:**	
(33)	**Name of priority country**	**:**	
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	**:**	**NIL**
	Filed on	**:**	**N.A.**
(62)	**DivisionalApplication No**	**:**	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
BHARAT HEAVY ELECTRICALS LIMITED

Address of the Applicant:
PLOT NO 9/1 DJBLOCK 3RD FLOOR KARUNAMOYEE SALT LAKE CITY KOL-700 091

(72) Name of the Inventor:
1. **PRABHAT KUMAR SRIVASTAVA**
2. **NIHAR RANJAN DE**
3. **T.S.GOPAL KRISHNAN**
4. **NARINDER SINGH**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:
A coating comprising HS75-25 (75%Cr_3C_2 + 25% NICr) having better resistance and has 5.48 times less wear rate than stellite-6 by weight and 4.36 times by volume.
(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 01098/KOL/2005 A

(22) Date of filing of Application: 01/12/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : STEREOSCOPIC THREE OR FOUR DIMENSIONAL ULTRASOUND IMAGING

(51) International classification : A61B 8/06

(31) Priority Document No : 11/042,888

(32) Priority Date : 24/01/2005

(33) Name of priority country : USA

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) DivisionalApplication No : NIL

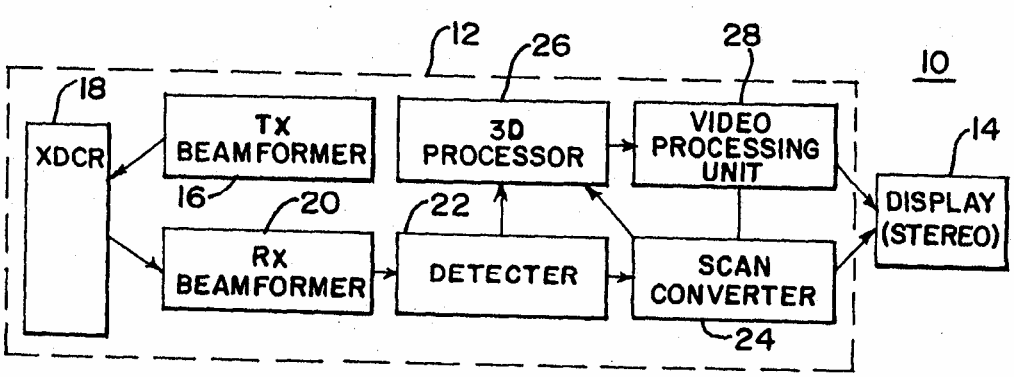
Filed on : NIL

(71) Name of Applicant: SIEMENS MEDICAL SOLUTIONS U.S.A INC
Address of the Applicant: 51, VALLEY STREAM PARKWAY MALVERN, PA 19355-1406 U.S.A

(72) Name of the Inventor: 1. MA, QINGLIN,
2. 2. PHELPS, ROBERT N
3.RAITZER, GERALD A
4. HOOPLE, JERRY D
5. MARQUIS, STEVEN R
6. WAATAJA, DAVID A
7. LOWERY, CAROL M

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Medical diagnostic ultrasound stereo imaging (88) is provided. A medical diagnostic ultrasound system (12) operable to scan a body with ultrasound is also operable to generate (88) a three dimensional stereoscopic view of the body. The video processing unit (28) and/or display device (14) create the stereoscopic display.



(FIG.)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01105/KOL/2005 **A**
(22) Date of filing of Application: 05/12/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: LASER HONING TOOL FOR GENERATING A STRUCTURE FORMED BY MICRO-BAGS ON A TRIBOLOGICALLY STRESSED SURFACE OF A WORK-PIECE

(51)	**International classification**	:	B24B 33/00
(31)	**Priority Document No**	:	202005005905.6 202005011772.2
(32)	**Priority Date**	:	07/04/2005 27/07/2005
(33)	**Name of priority country**	:	GERMANY
(86)	**International Application No and Filing Date**	:	NA
(87)	**International Publication No**	:	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**DivisionalApplication No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
GEHRING GMBH & CO. KG.,

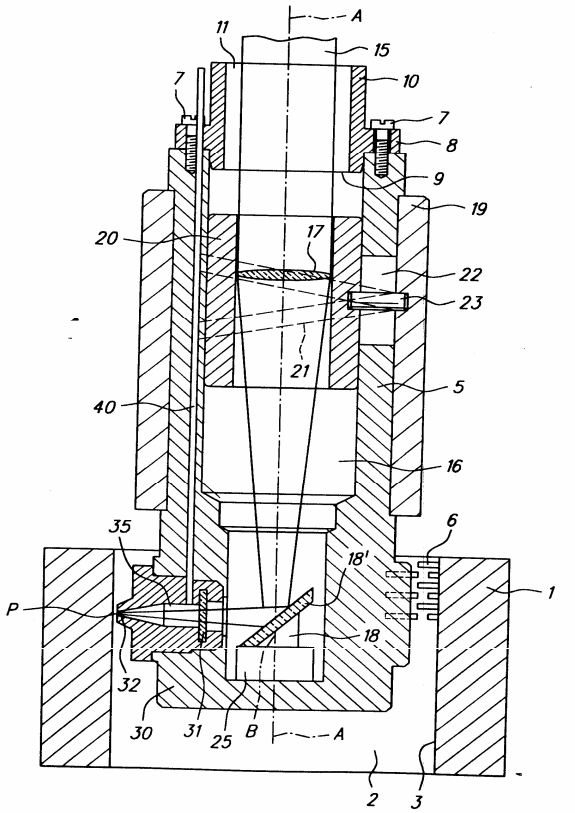
Address of the Applicant:
GEHRINGSTRASSE 28, 73747 OSTFILDERN, GERMANY.

(72) Name of the Inventor:
TOBIAS ABELN
OLIVER KULL

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Laser honing tool for generating a structure formed by micro-bags (6) on a tribologically stressed surface (3) of a work-piece (1) with: (a) agents (78) for connecting the lower open hollow end (9) of a spindle (10) on to a tool body (5) of the laser honing tool, and for introducing a laser beam (15) into the inner space (16) of the tool body (5); (b) agents (17) for focusing the laser beam (15); (c) agents (18, 18') for deflecting the laser beam (15) by about 9Q0; (d) a replaceable laser beam exit module (30), into which the laser beam (15) is introduced through a protective glass (31) and from which it again exits through an opening (32), whereby between the protective glass (3) and the opening (32) a space (35) is designed, to which a gas is fed through a line (40), which again flows out of the space (35) through the opening (31).



(FIG.1).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.:01116/KOL/2005** **A**

(22) **Date of filing of Application: 07/12/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : MODERATE WIDTH BACKWARD AEROFOIL BLADED FAN (BAB2)**

(51)	**International classification**	:	**FO4D 29/28**
(31)	**Priority Document No**	:	**N.A**
(32)	**Priority Date**	:	**N.A**
(33)	**Name of priority country**	:	**N.A**
(86)	**International Application No and Filing Date:**	:	**NIL**
(87)	**International Publication No**	:	**NIL**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**DivisionalApplication No**	:	**NIL**
	Filed on	:	**NIL**

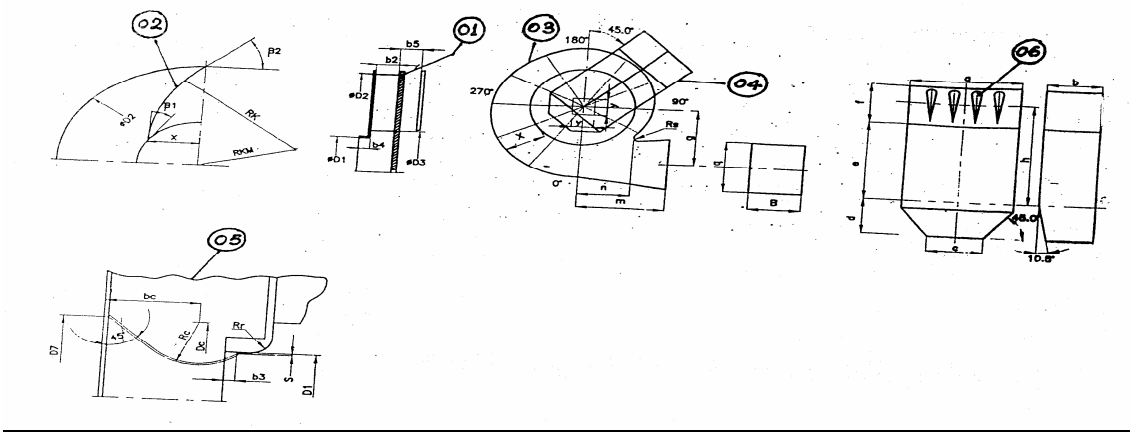
(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED
Address of the Applicant:
9/A, DJBLOCK 3rd FLOOR ,
KARUNAMOYEE, SALTLAKE CITY,
KOLKATA-700091.

(72) **Name of the Inventor: 1.SHRI SESHADRI SRINIVASAN**
2.SHRI KRISHNASWAMY GOPALSAMY
3. SHRI RAGAVAIAH BABU
4. SHRI KRISHNAN KOIL SUDAKHAR

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Present invention relates to propose a moderate-width backward aerofoil bladed radial fan adaptable to utilities and process industries which eliminates the disadvantages of the prior art fans. Accordingly, there is provided a modular-width backward aerofoil bladed fan adaptable to utilities and process industries, the fan being drivable by an electric motor, the fan comprising: an impeller having a back and/or a centre plate, the plate being provided with at least one aerofoil blade; a spiral casing internally accomoding the impeller, and acting as a diffuser to recover the kinetic energy of the fluid leaving the impeller, and an inclined inlet guide vane control configuration acting as a flow regulating means to minimize pressure drop.

The blade of the impeller comprises backward aerofoil which has special profile to ensure smooth entry via selectively configured exit angles. Dimensions of the casing, the suction chamber has been optimized to extract maximum kinetic energy. Inclined inlet guide vane has been developed to have better controllability in performance with lesser losses.



(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01142/KOL/2005** **A**

(22) **Date of filing of Application: 14/12/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : CATALYST FOR OXIDATION OF METHANOL TO FORMALDEHYDE**

(51) **International classification : B01 J 23/88, 35/10, 37/03**

(31) **Priority Document No : MI2004A002456**

(32) **Priority Date : 22.12.2004**

(33) **Name of priority country : ITALY**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**
Filed on : NIL

(62) **DivisionalApplication No : NIL**
Filed on : NIL

(71) Name of Applicant: SUD-CHEMIE CATALYSTS ITALIA S.R.L.,
Address of the Applicant: VIA FAUSER 36/B, 28100 NOVARA, ITALY.

(72) **Name of the Inventor: 1. ESTERINO CONCA**
2. CARLO RUBINI
3. MARCELLO MARCHI

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: Catalysts for oxidation of methanol to formaldehyde, comprising a catalytic mixtures of $Fe_2(MoO_4)_3$ / MoO_3, wherein the Mo/Fe atomic ratio ranges from 1.5 to 5, and a compound of cerium molybdenum and oxygen in a quantity from 0.1 to 10% by weight expressed as cerium.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00008/KOL/2006** **A**

(22) **Date of filing of Application: 03/01/2006** (43) **Publication Date: 25/05/2007**

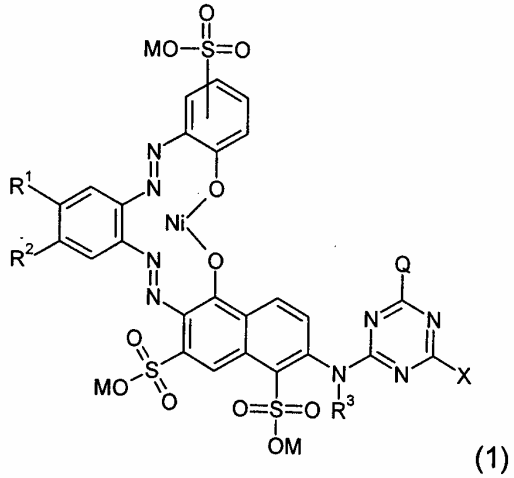
(54) **Title of the invention: : WATER-SOLUBLE FIBER-REACTIVE DYES, THEIR PREPARATION AND THEIR USE**

(51) **International classification : C09B62/515**
(31) **Priority Document No : 10 2005 013959.0**
(32) **Priority Date : 26.03.2005**
(33) **Name of priority country : GERMANY**
(86) **International Application No and Filing Date: : NIL**
(87) **International Publication No : NIL**
(61) **Patent of addition to Application No : NIL**
Filed on : NIL
(62) **DivisionalApplication No : NIL**
Filed on : NIL

(71) **Name of Applicant:**
DYSTAR TEXTILFARBEN GMBH &CO. DEUTSCHLAND KG
Address of the Applicant:
D- 65926 FRANKFURT AM MAIN, GERMANY
(72) **Name of the Inventor: 1. DR. GUINTER GORLITZ,**
2. DR. WERNER RUSS,

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: The present invention relates to dyes of the general formula (1);



(1)

where R^1 to R^3, M, x and q are each as defined in claim 1, processes for their preparation and their use.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00018/KOL/2006** **A**
(22) **Date of filing of Application: 10/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "WHEEL PROVIDED WITH ELECTRIC DRIVING MEANS"**

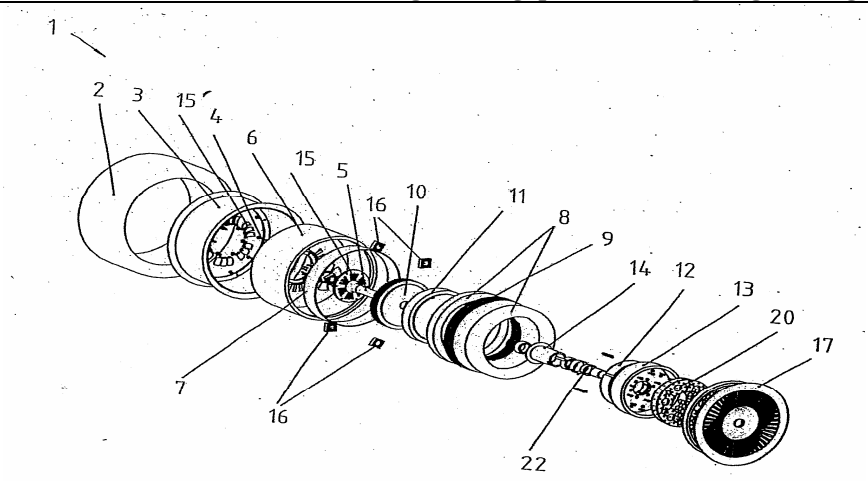
(51) **International classification : B60K 26/00**
(31) **Priority Document No : 1014182**
(32) **Priority Date : 26/01/2000**
(33) **Name of priority country : NETHERLANDS**
(86) **International Application No and Filing Date: : PCT/NL01/00054** 26/01/2001
(87) **International Publication No : NIL**
(61) **Patent of addition to Application No : NIL**
Filed on : NIL
(62) **DivisionalApplication No : IN/PCT/2002/01071** 19/08/2002
Filed on : NIL

(71) Name of Applicant: E-TRACTION EUROPE B.V.
Address of the Applicant:
VISSENSTRATT 36, 7324 AL APELDOORN, THE NETHERLANDS

(72) **Name of the Inventor:**
HEINEN ADRIANUSW JOHANNES

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: Wheel (1) provided with electric driving means in the wheel, the electric driving means comprising a rotor (6) and a stator coaxially within the rotor (6) and connectable to a vehicle, with an air gap provided between said rotor and said stator, characterised in that said wheel further comprises an air gap controlling bearing provided between said stator and said rotor for maintaining the air gap in a working range during operation of the wheel.



(FIG.)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: IN/PCT/2000/00095** **A**

(22) **Date of filing of Application: 21/06/2000** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **RADIO FREQUENCY ENERGY MANAGEMENT SYSTEM**

(51) **International classification** : **B60L 11/18, H02J 7/00**

(31) **Priority Document No** : **08/997,207**

(32) **Priority Date** : **23/12/1997**

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

(86) **International Application No and Filing Date:** : **PCT/US98/27226** 22/12/1998

(87) **International Publication No** : **WO 99/32323**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: AMERIGON INC.,**

Address of the Applicant:
5462 IRWINDALE AVENUE, IRWINDALE, CA 91706-2058,U.S.A

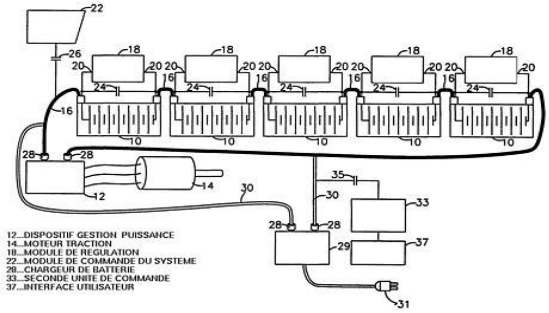
(72) **Name of the Inventor:**

1. **KARUNASIRI, TISSA R.**
2. **BELL, DAQVID, A.**
3. **MAINI, CHETAN, KUMAR,**
4. **RYAN, BRUCE, M.,**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A radio frequency energy management system includes a number of battery control modules and/or a control unit that are configured to exchange battery operating parameter/performance information and control signal by radio frequency. Each battery control module includes one or more sensing elements to measure one or more operating parameters of a respective battery, and at least one device selected from the group including a radio frequency receiver, a radio frequency transmitter, a memory device, a controller, control devices, a signal blocking device, and combination thereof. The control unit is configured to monitor and control the operating parameters of the batteries and includes a radio frequency receiver and a radio frequency transmitter. The control unit evaluates data transmitted from battery control modules according to a predetermined control system program, and transmits a predetermined control command to one or more battery control modules to achieve battery equalization and battery thermal management. The energy management system can also include one or more devices for identifying the relative location of a battery control module in the system, and an interface to permit communication with battery control modules by another device independent of the control unit. Radio frequency signals are transmitted between the control unit and each battery control module, and between battery control modules, without additional wiring, thereby eliminating the disadvantages of wired-type systems.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: IN/PCT/2000/00419** **A**

(22) **Date of filing of Application: 18/10/2000** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"METHODS AND PULVERIZER FOR PIPELINE TRENCH PADDING"**

(51) **International classification** : **E02F5/00**

(31) **Priority Document No** : **09/253,567**

(32) **Priority Date** : **19/02/1999**

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

(86) **International Application No and Filing Date:** : **PCT/US00/04280** 18/02/2000

(87) **International Publication No** : **WO 00/49235**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: SCUDDER ERIK D.,**

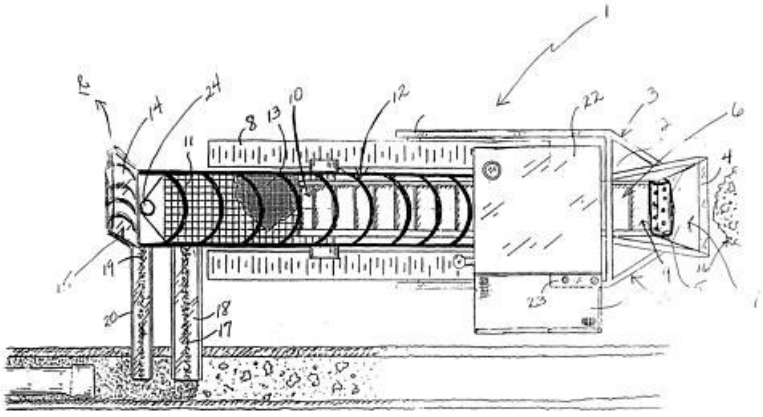
Address of the Applicant: 51, LEXINGTON AVENUE, NEW YORK, NY 10022,

(72) Name of the Inventor: **SCUDDER ERIK D.,**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A trench-padding method (302, 304) and apparatus (1) provide a more efficient, cost efficient process of obtaining a maximal amount of padding material from material (16) excavated from a trench (21), and where selected, provide for trenching. The trench-padding apparatus includes a lead assembly (2) that includes a feeder housing (4) having a front rotating unit (5) with protrusions. The feeder housing (4) may be configured to excavate the trench or, alternatively, to scoop up previously excavated material. The front rotating unit (5) is attached to a frame of the trench-padding apparatus immediately in front of an elevator device (6), and the front rotating unit (5) forces clumps of the excavated material between the front rotating unit (5) and a base (7) of the feeder housing (4) to aid in reducing clump size. The method (302, 304) operates in the manner of the trench-padding apparatus.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: IN/PCT/2001/00331** **A**

(22) Date of filing of Application: 22/03/2001 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : USE OF GLP-1 OR ANALOGS IN TREATMENT OF STROKE

(51) International classification : A61K 38/26,A61P 9/10

(31) Priority Document No : 60/101,719

(32) Priority Date : 24/09/1998

(33) Name of priority country : US

(86) International Application No and Filing Date: : PCT/US99/22/26 22/09/1999

(87) International Publication No : WO 00/16797

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) DivisionalApplication No : NIL

Filed on : NIL

(71) Name of Applicant:
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Address of the Applicant:
LILLY COR[PORATE CENTER,
INDIANAPOLIS, INDIANA 46285 U.S.A

(72) Name of the Inventor:
EFENDIC SUAD

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A pharmaceutical composition for reducing mortality and morbidity comprising a compound selected from the group consisting of GLP-1, GLP1 analogs, GLP-1 derivatives, and pharmaceutically acceptable salts thereof.

(FIG.) nil

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: IN/PCT/2001/00749** **A**

(22) **Date of filing of Application: 18/07/2001** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **BOTTOM ENTRY PUMPING SYSTEM WITH TERTIARY CONTAINMENT**

(51) **International classification** : **F17C 3/02, 3/08, 9/00**

(31) **Priority Document No** : **60/117,954**

(32) **Priority Date** : **29/01/1999**

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

(86) **International Application No and Filing Date:** : **PCT/US00/02039** 27/01/2000

(87) **International Publication No** : **WO 00/45085**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
PHILLIPS PETROLEUM COMPANY

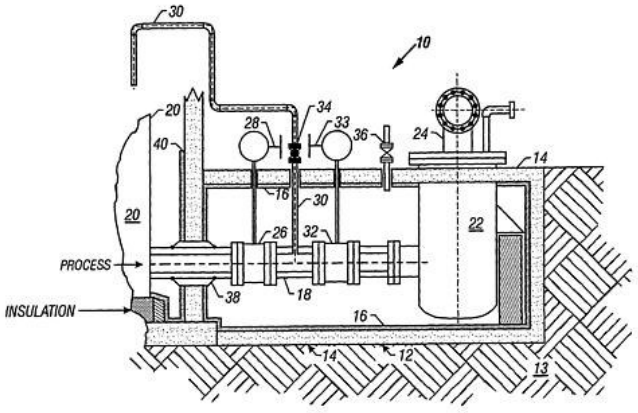
Address of the Applicant:214 P&L BUILDING BARTLESVILLE, OK74004, U.S.A

(72) **Name of the Inventor:1`. RICHE ALI I, 2. BAUDAT NED P**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A bottom entry pumping system for liquids, particularly cryogenic liquids, is described which includes a container with an outer wall, which may be concrete and/or metal, and an optional inner metal liner. A line is provided for transporting liquid from a liquid storage tank into the container via a pump connected to the line. The line may be optionally vacuum-jacketed. There is also provided at least one cryogenic valve in the line which can be controlled from outside the container. While pumping liquefied natural gas (LNG) is an expected use of the invention, pumping other cryogenic liquids and even other non-cryogenic liquids may be performed with the invention. It is anticipated that the bottom entry pumping system of the invention will meet NFPA 59A requirements in the full containment embodiment.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: IN/PCT/2002/00425 A**

(22) **Date of filing of Application: 02/04/2002** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "BATCH SLUDGE DEHYDRATOR"**

(51) **International classification : F26 B 11/16, 25/04, 17/28, 17/20**

(31) **Priority Document No : N.A**

(32) **Priority Date : N.A**

(33) **Name of priority country : N.A**

(86) **International Application No and Filing Date: : PCT/US99/23112** 05/10/1999

(87) **International Publication No : WO 0125709 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **DivisionalApplication No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
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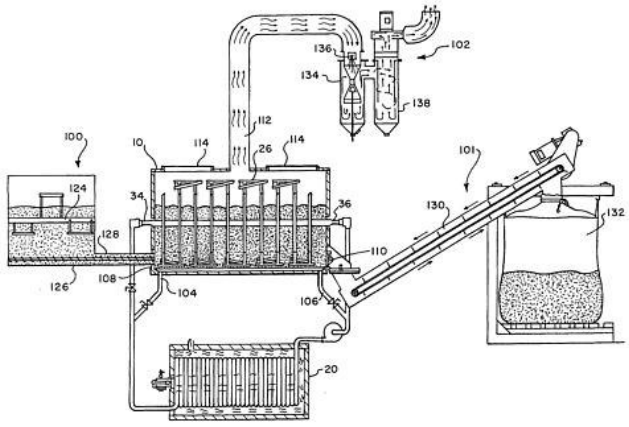
(72) **Name of the Inventor:**

1. **BOLTON DANNY R**
2. **BIGHAM DAVID L**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A dehydrating apparatus (10) includes a chamber (12) for receiving wet material to be dehydrated. A rotatably mounted agitator (26) is provided with the chamber (12). The agitator (26) is adapted to agitate material in the chamber (12) when the agitator (26) rotates in a first direction and convey the material out of the chamber (12) when the agitator (26) rotates in the other, second direction.



(FIG.4)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00656/KOLNP/2003** **A**

(22) **Date of filing of Application: 26/05/2003** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"METHOD AND APPARATUS FOR PERFORMING WIRELESS COMMUNICATIONS"**

(51) **International classification** : **H04Q 7/38**

(31) **Priority Document No** : **60/251,492**
09/960,008

(32) **Priority Date** : **04/12/2000**
21/09/2001

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

(86) **International Application No and Filing Date:** : **PCT/US01/09695**
07/11/2001

(87) **International Publication No** : **WO 02/47427 A2**

(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**
Filed on : **NIL**

(71) **Name of Applicant: NORTEL NETWORKS LIMITED**

Address of the Applicant:
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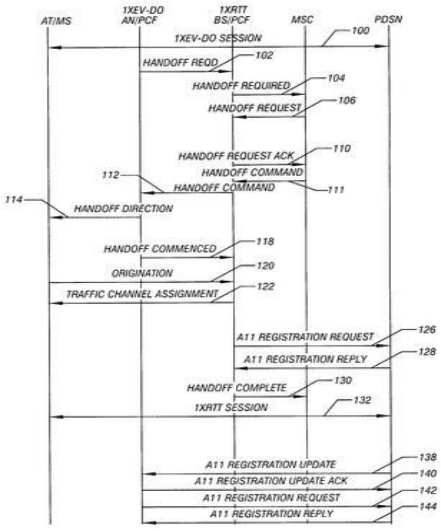
(72) **Name of the Inventor:**
1. **MORALES LINDA**
2. **WU GENG**
3. **AHMAD AZEEM**
4. **PARANCHYCH DAVID W**
5. **VASUDEVANMINI**
6. **HIGASHI YUSUKE**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A wireless communications network (10) includes a first base station system (40) that performs wireless communications according to a first protocol (e.g., 1xEV-DO protocol) and a second base station system (14) that performs wireless communications according to a second, different protocol (e.g., IS-2000). A link is provided between the first and second base station systems (40, 14) to enable a network-initiated handoff procedure. If a source base station systems detects that a handoff of a mobile station to a target base station system is required, the source base station system exchanges messaging over the link with the target base station system to perform the handoff. In one example, the handoff is a hard handoff.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00129/KOLNP/2005 A

(22) Date of filing of Application: 03/02/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : DOOR LOCKING MECHANISM

(51) International classification : E05B 13/00, 13/10

(31) Priority Document No : 0216354.1

(32) Priority Date : 12/07/2002

(33) Name of priority country : GREAT BRITAIN

(86) International Application No and Filing Date: : PCT/GB2003/003003 11/07/2003

(87) International Publication No : WO 2004/007877 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) DivisionalApplication No : NIL

Filed on : NIL

(71) Name of Applicant:
SUPERIOR INVESTMENTS

Address of the Applicant:
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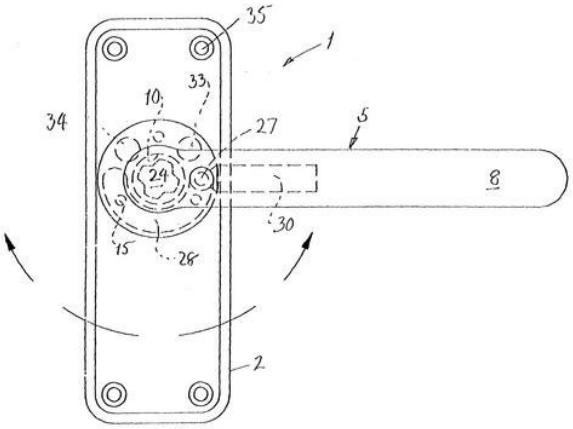
(72) Name of the Inventor: 1. HEELEY, PETER
2. JONES, PHILIP, DAVID

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A locking mechanism (1) is provided for a door latch mechanism in which a latch spindle is turnable to withdraw a latch bolt of the latch mechanism from a latching position into which it is spring biased. The locking mechanism comprises a lever handle (5) having a fluted passageway (24) for fitting to an adjacent end of the latch spindle. The passageway enables the handle to turn relatively to the latch spindle in opposite directions through a predetermined angle of movement. At one end of this angle of movement, the handle is in a horizontal rest position and is engageable with the latch spindle for turning the spindle in a direction to withdraw the latch bolt from its latching position and, at the opposite end, the handle is in a lifted locking position and is engageable with the spindle to prohibit turning thereof in the opening direction. At the locking position, a locking member (27) slidably mounted in the handle and controlled by a trigger part (30), extending behind the lever part (8) of the handle is engageable in one of a pair of retainer holes (33,34) depending on the handing of the lever handle.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00247/KOLNP/2005** **A**

(22) **Date of filing of Application: 23/02/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : PRODUCTION DEVICE**

(51) **International classification : B65B 3/02**

(31) **Priority Document No : 103 23335.0**

(32) **Priority Date : 23/05/2003**

(33) **Name of priority country : GERMANY**

(86) **International Application No and Filing Date: : PCT/EP2004/004419** 27/04/2004

(87) **International Publication No : WO 2004/103817 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **DivisionalApplication No : NIL**

Filed on : NIL

(71) **Name of Applicant: HANSEN, BERND**

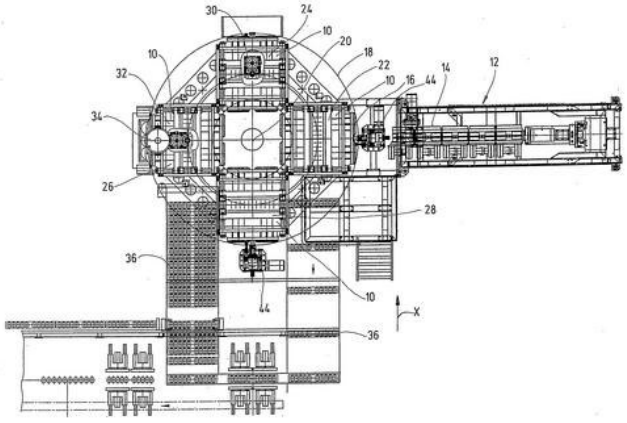
Address of the Applicant: TALSTRASSE22-30, 74429, SULZBACH-LAUFEN, GERMANY

(72) **Name of the Inventor: HANSEN, BERND**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a production device for execution of a blow molding, charging, and sealing process for plastic containers having at least one first type of molding device (10) into which at least one tube of plasticized plastic material may be introduced. In that the respective molding device (10) of the first type may be pivoted to individual spatially separate stations (22, 24, 26) about an axis (20), and in that at least one station (24) performs the function of blow molding of the container and another station (26) that of charging and sealing the container thus blow molded, it is possible at least simultaneously to blow-bold a tube of plasticized plastic material for production of the plastic container and to charge a corresponding container produced in this manner at the other station with the medium, in particular one in the form of a fluid, and to seal it. The cycle times may accordingly be reduced in comparison to such cycle times production devices of the state of the art and so the rates of output of charged containers sealed under sterile condition to be produced may be significantly increased.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00262/KOLNP/2005 A

(22) Date of filing of Application: 24/02/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : SYSTEM FOR COOLING COOLING AIR IN A GAS TURBINE, AND METHOD FOR COOLING AIR

(51) International classification : F02C 7/18, 7/224

(31) Priority Document No : 10233948.1

(32) Priority Date : 25/07/2002

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/DE03/002363 14/07/2003

(87) International Publication No : WO 2004/016921 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) DivisionalApplication No : NIL

Filed on : NIL

(71) Name of Applicant: SIEMENS AKTIENGESELLSCHAFT

Address of the Applicant: WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY

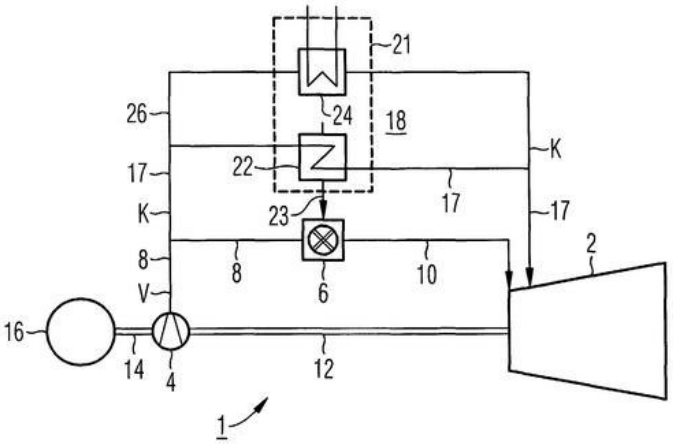
(72) Name of the Inventor:

1. JANN BLONN
2. ALFRED KESSLER
3. OLIVER KONIG
4. HELMUT STIERSTORFER

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Disclosed is a gas and steam turbine plant (1) comprising a cooling system (18) which is configured such that said cooling system (18) is suitable for each operational state and cools cooling air (K) that is bled from the compressed air (V), and a heat exchanger system (21) which is mounted on the primary side of a cooling air duct (17) that branches off the compressed air duct. Said heat exchanger system (21) transmits heat that is transported in the cooling air (K) to a flow of combustible gas (23) which is fed to the combustion chamber (6) of the gas turbine.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00368/KOLNP/2005** **A**

(22) **Date of filing of Application: 08/03/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"INDUSTRIAL TOMATO PROCESS AND PRODUCT OBTAINED THEREOF"**

(51) **International classification** : **A23L 1/212, 1/275, 1/308**

(31) **Priority Document No** : **151342**

(32) **Priority Date** : **19/08/2002**

(33) **Name of priority country** : **ISRAEL**

(86) **International Application No and Filing Date:** : **PCT/IL2003/000678** 17/08/2003

(87) **International Publication No** : **WO 2004/016104 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: LYCORED NATURAL PRODUCTS INDUSTRIES LTD.,**

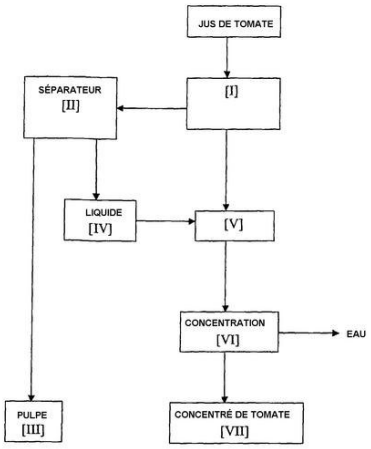
Address of the Applicant: P.O.BOX 320, 84102 BEER-SHEVA, ISRAEL

(72) **Name of the Inventor: I. ZELKHA MORRIS II. HARTAL DOV III. ALBERT ZVI**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a tomato pulp composition wherein the particle size is not greater than 2.5 which does not contain seeds or peels from the tomato and has a lycopene concentration which is 5 to 15 folds higher than the lycopene concentration in the tomatoes from which said pulp is obtained. The invention further provides an industrial process for obtaining tomato pulp and tomato concentrate from tomato juice. The invention further provides a method for controlling the viscosity and lycopene concentration of tomato products, tomato concentrate or modified tomato juice, by separating a part of the pulp from the tomato juice from which said tomato products are obtained.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00380/KOLNP/2005** **A**

(22) **Date of filing of Application: 09/03/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **MULTI-MODE MOBILE COMMUNICATIONS DEVICE AND METHOD EMPLOYING SIMULTANEOUSLY OPERATING RECEIVERS**

(51) **International classification** : **H04B 17/02**

(31) **Priority Document No** : **10/253,328**

(32) **Priority Date** : **24/09/2002**

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

(86) **International Application No and Filing Date:** : **PCT/US2003/029607** 24/09/2003

(87) **International Publication No** : **WO 2004/030248**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
MOTOROLA, INC.

Address of the Applicant: 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, IL 60196, U.S.A

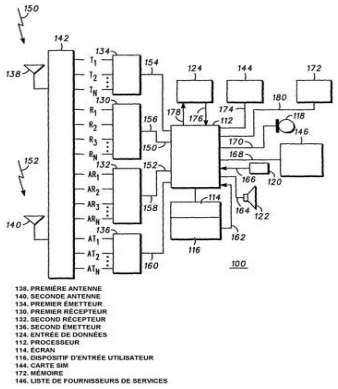
(72) **Name of the Inventor:**

1. **RAGHURAM SHARADA**
2. **DORSEY DONALD ARTHUR**
3. **SPRIGGS KEVIN**
4. **ELBLING SHIRLEY**
5. **KLIMER GIDEON**
6. **PERETZ MOTI**
7. **ADIVI TALMOR**
8. **RUBIN SHMULIK**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A multi-mode wireless communication device (100) includes two separate receivers (130, 132) associated with two different radio access technologies and a multi-mode channel selection circuit (174). The first receiver (130) and second receiver (132) operate simultaneously to receive a first signal (150) on a first channel and a second signal (152) on a second channel respectively. The multi-mode channel selection circuit (174) then obtains from the first signal first cell selection information (950) and from the second signal second cell selection information (952). Then the multi-mode channel selection circuit (174) selects a suitable channel to camp on based on the first and second cell selection information (950, 952). The present invention also includes a method with the steps of receiving the first and second signals with simultaneously operating receivers (130, 132), obtaining first and second cell selection information (950, 952), and selecting a suitable channel to camp on based on the first and second cell selection information (950, 952).



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00422/KOLNP/2005** **A**

(22) **Date of filing of Application: 15/03/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : A REVOLVING TYPE YARN WINDING MACHINE**

(51) **International classification : B65H 54/52, 67/048**

(31) **Priority Document No : 2002-239860**

(32) **Priority Date : 20/08/2002**

(33) **Name of priority country : JAPAN**

(86) **International Application No and Filing Date: : PCT/JP2003/001180** 05/02/2003

(87) **International Publication No : WO 2004/018340 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **DivisionalApplication No : NIL**

Filed on : NIL

(71) **Name of Applicant: TSTM CO., LTD,**

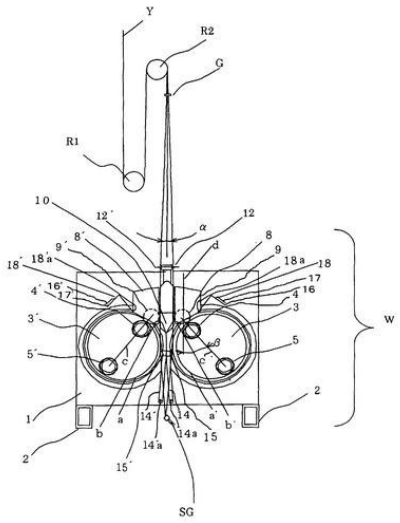
Address of the Applicant:
51, MINAMIYOSHIDA-CHO 2798
MATSUYAMA-SHI, EHIME 791-8042
JAPAN

(72) **Name of the Inventor: 1. SUGIOKA, TAKAMI**
2.YOSHIOKA, SEIJI
3.ISHIMARU, NORIKI
4.AKIYAMA, NORIHIDE
5. FUKUISHI, MASACHIYO

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A multi-end revolving type automatic winding machine exhibiting high operability, thread guard performance and space efficiency, and arranged such that two turret tables (3, 3') are disposed on the opposite sides of a thread handling area, rotational directions of a pressure contact roller (9) provided for one turret table (3) and a pressure contact roller (9') provided for the other turret table (3') are reversed, rotational directions of one turret table (3) and the other turret table (3') are reversed, and the center of each pressure contact roller (9, 9') touching a bobbin holder during winding of thread or a thread under winding is located between an imaginary line c connecting the centers of two bobbin holders (4, 5) projecting from one turret table (3) and an imaginary line c' connecting the centers of two bobbin holders (4', 5') projecting from the other turret table (3').



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00639/KOLNP/2005** **A**

(22) **Date of filing of Application: 13/04/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **CALCIUM PHOSPHATE COATED IMPLANTABLE MEDICAL DEVICES AND PROCESSES FOR MAKING SAME**

(51) **International classification** : **A61L 27/32, 31/02**

(31) **Priority Document No** : **60/410,307**

(32) **Priority Date** : **13/09/2002**

(33) **Name of priority country** : **US**

(86) **International Application No and Filing Date:** : **PCT/CA2003/001405** 12/09/2003

(87) **International Publication No** : **WO 04/024201**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **DivisionalApplication No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: THE UNIVERSITY OF BRITISH COLUMBIA**

Address of the Applicant:
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(72) **Name of the Inventor:**

I. **TROCZYNSKI TOMASZ**
II. **HAKIMI, DORNA**
III. **HYUN, BUHSUNG**
IV. **KESHMIRI, MEHRDAD**
V. **LIEN, MAO-JUNG, MAURICE**
VI. **RAJTAR, ARC**
VII. **SMITH, DOUGLAS**
VIII. **TSUI, PUL-HUNG, MANUS**
IX. **YANG QUANZU**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

This invention relates to calcium phosphate-coated implantable medical devices and processes of making same. The calcium-phosphate coatings are designed to minimize the immune response to the implant (e.g. restenosis in stenting procedures) and can be used to store and release a medicinally active agent in a controlled manner. Such coatings can be applied to any implantable medical devices and are useful for a number of medical procedures including (but not limited to) balloon angioplasty in cardiovascular stenting, ureteral stenting and catheterisation. The calcium phosphate coatings can be applied to a substrate as one or more coatings by a sol-gel deposition process, an aerosol-gel deposition process, a biomimetic deposition process, a calcium phosphate cement deposition process, an electro-phoretic deposition process or an electrochemical deposition process. The coating can contain and elude a drug in an engineered manner.

(FIG.) Nil

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00734/KOLNP/2005** **A**

(22) **Date of filing of Application: 26/04/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : TENSIONER**

(51) **International classification : F16H 7/08**

(31) **Priority Document No : 2002-319976**

(32) **Priority Date : 01/11/2002**

(33) **Name of priority country : JAPAN**

(86) **International Application No and Filing Date: : PCT/JP2003/013925 30/10/2003**

(87) **International Publication No : WO 2004/040166 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
NHK SPRING CO. LTD.

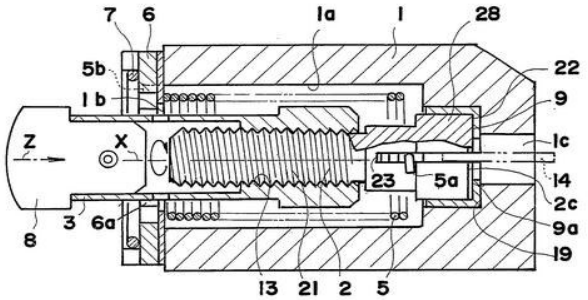
Address of the Applicant: 10, FUKUURA 3-CHOME, KANAZAWA-KU YOKOHAMA-SHI, KANAGAWA, 236-0004, JAPAN

(72) **Name of the Inventor: 1. INOUE HUMIHISA**
2. TAKAHASHI IOKUOMEI
3. KOBAYASHI TAKAO
4. AMANO TANEHIRA

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention discloses a tensioner in which a bearing is provided in a bearing surface of a case that supports an end portion of a rotary member, precise polishing is performed on a contact surface of the bearing that contacts the end portion of the rotary member in the bearing, so that an initial surface precision to the same degree as in a surface roughness after use is given, and a levelness of that contact surface is leveled at high precision, thus preventing changes in performance of the tensioner and stabilizing the performance thereof. A tensioner which converts a rotary force of a rotary member into an impulsive force in an axis line direction of a pressing member, includes: a case; the rotary member rotatably received in the case in a state where a movement in the axis line direction is restrained; the pressing member which is threaded and engaged with the rotary member, which is movable in the axis line direction, whose rotation with respect to the case is restrained, and on which a load from a force transmitting member acts in the axis line direction; and a spring which is stored in an inner portion of the case, and which imparts the rotary force to the rotary member; the tensioner being characterized in that: an end portion of the rotary member is rotatably supported by a bearing provided on a bearing surface of the case; the end portion of the rotary member receives the load that acts on the pressing member; and a precision of a contact surface of the bearing that contacts the end portion of the rotary member is set such that a surface roughness Rmax is equal to or less than 4. 0 S and a levelness is equal to or less than 2 μm.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00817/KOLNP/2005 A

(22) Date of filing of Application: 04/05/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : INTRUSION DETECTION ACCELERATOR

(51) International classification : G06F 1/00, H04L 29/06

(31) Priority Document No : 60/421,773 60/421,774 60/421,775 10/331,879

(32) Priority Date : 29/10/2002 31/12/2002

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

(86) International Application No and Filing Date: : PCT/US2003/031313 03/10/2003

(87) International Publication No : WO 2004/040427 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: LOCKHEED MARTIN CORPORATION

Address of the Applicant: 6801 ROCKLEDGE DRIVE, BETHESDIA, MD 20817, U.S.A

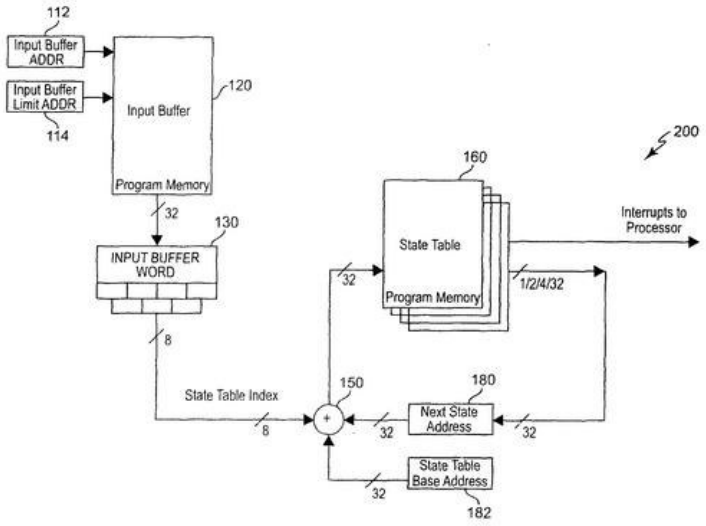
(72) Name of the Inventor:

1. DAPP MICHAEL C.
2. LETT ERIC C.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

This invention discloses signatures of character strings in a document which may indicate a possible intrusion into or attack on a networked computer system or node thereof or other security breach are detected at high speed using a hardware accelerator within the environment of a hardware parser accelerator. An interrupt or exception can thus be issued to a host CPU before a command which may constitute such a security breach, intrusion or attack can be made executable by parsing of a document. The CPU can initiate network control measures to prevent or limit the intrusion.



(FIG.2b)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00872-A/KOLNP/2006** **A**

(22) **Date of filing of Application: 07/04/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **COMPUTER-BASED DATA CAPTURING SYSTEM**

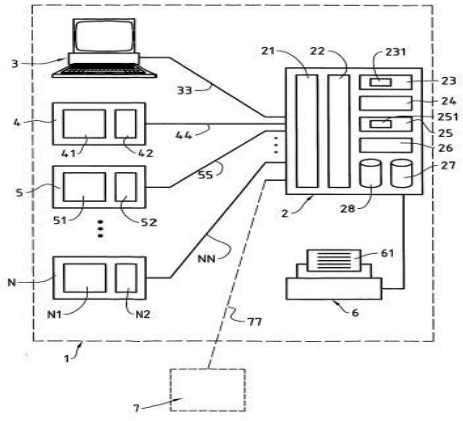
(51)	**International classification**	:	**G06F 17/60**
(31)	**Priority Document No**	:	**10/697,410**
(32)	**Priority Date**	:	**30/10/2003**
(33)	**Name of priority country**	:	**USA**
(86)	**International Application No and Filing Date:**	:	**PCT/CH2004/000499, 11/08/2004**
(87)	**International Publication No**	:	**WO 2005/043423**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) **Name of Applicant:**
SWISS REINSURANCE COMPANY
Address of the Applicant:
MYTHENQUAI 50/60, CH-8022 ZURICH, SWITZERLAND.

(72) **Name of the Inventor:**
HIGGINS, GARY, MICHAEL

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A computer-based point of sale data capturing system (1) includes a computerised processing unit (2) and data entry means (3) connected to the processing unit (2). In addition, the data capturing system (1) includes a plurality of measuring modules (4, 5, N) for measuring in real time medical and/or physical parameters of a human subject at the point of sale. The processing unit (2) is designed for receiving the measured medical and/or physical parameters from the measuring modules (4, 5, N) via data communication channels (44, 55, NN) and for storing the received medical and/or physical parameters. Providing the data capturing system (1) with real-time measuring modules (4, 5, N) installed at the point of sale makes it possible to capture objectively measured medical data about a human subject at the point of sale within just a few seconds or a few minutes. Thereby, it can be ensured that the medical information required for assessing mortality or morbidity insurance risk of the human subject is current, accurate and authentic.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00979/KOLNP/2005 A

(22) Date of filing of Application: 25/05/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : ACOUSTICALLY INTELLIGENT WINDOWS

(51) International classification : G10K 11/178, E06B 5/20

(31) Priority Document No : 10/308,489

(32) Priority Date : 03/12/2002

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

(86) International Application No and Filing Date: : PCT/US2003/038327 02/12/2003

(87) International Publication No : WO 2004/051623 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: SMART SKIN INC.

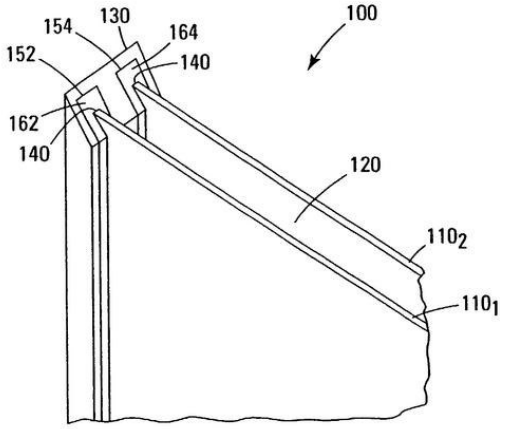
Address of the Applicant: 125 COLUMBIA COURT, SUITE 6, CHASKA, MN 55318-2348, U.S.A

(72) Name of the Inventor: ALLAEI DARYOUSH

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention provides a window (100) having a frame (130) with a windowpane (110) disposed therein. A first impedance discontinuity element (162) is disposed between the windowpane (110) and the frame (130) adjacent a portion of a periphery of the windowpane (110). A second impedance discontinuity element (164) is disposed adjacent another portion of the periphery of the windowpane (110). The first (162) and second (164) impedance discontinuity elements have different impedances.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00980/KOLNP/2005 A

(22) Date of filing of Application: 26/05/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : CLUSTERING SYSTEM AND METHOD HAVING INTERCONNECT

(51) International classification : G06F 9/46

(31) Priority Document No : 10/305,567

(32) Priority Date : 27/11/2002

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

(86) International Application No and Filing Date: : PCT/US2003/036944 19/11/2003

(87) International Publication No : WO 2004/051474 A2

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
ORACLE INTERNATIONAL CORPORATION

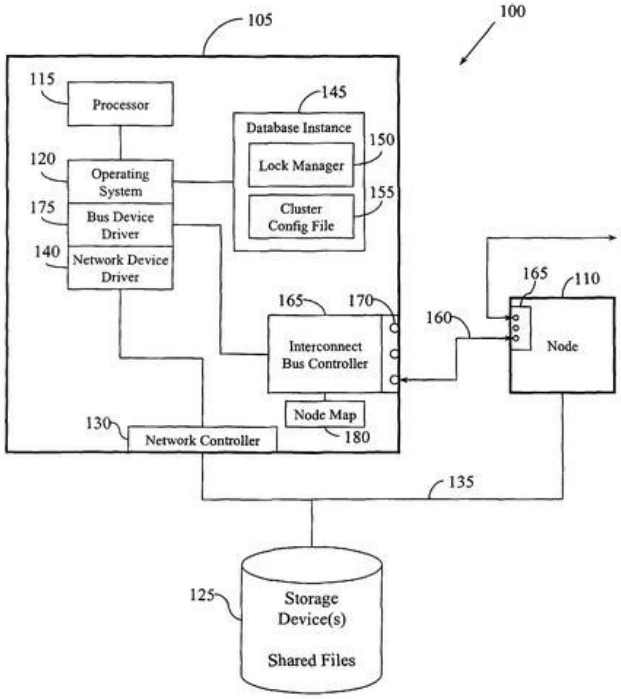
Address of the Applicant:
500 ORACLE PARKWAY, MAIL STOP 5OP7, REDWOOD SHORES, CA 94065, U.S.A

(72) Name of the Inventor:
COEKAERTS, WIM, A.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A system and method is provided for a cluster system. The cluster includes a plurality of nodes operating software instances. The nodes access files on one or more data storage devices over a network. The nodes are connected to each other over an interconnect network.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01074/KOLNP/2005** **A**

(22) **Date of filing of Application: 06/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : PARA-SEISMIC SUPPORT FOR PIPES**

(51) **International classification : F16L 3/02, 3/12, 311,3/133**

(31) **Priority Document No : 2,411,500**

(32) **Priority Date : 07/11/2002**

(33) **Name of priority country : CANADA**

(86) **International Application No and Filing Date: : PCT/CA2003/001728** 07/11/2003

(87) **International Publication No : WO 2004/042266 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: SUPPORTS SCH INC.**

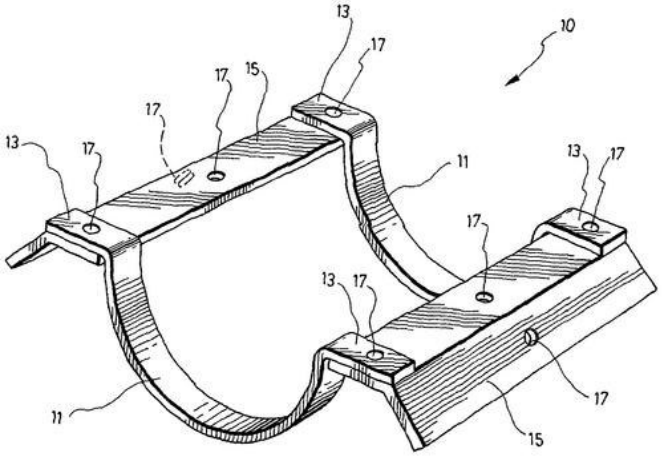
Address of the Applicant:
255 BOUL. CURE LABELLE, SUITE 220, STEROSE, LAVAL, QUEBEC H7L 2Z9, CANADA

(72) **Name of the Inventor:**

LUSSIER, SERGE

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A para-seismic support (10) for pipes is disclosed. The support has two support members (11), each for supporting an end of a pipe on either side of a mechanical joint. The support members (11) are joined to each other. The support (10) is provided with a plurality of holes (17), at least one of which is for supporting the pipes, and at least one of which is for providing para-seismic protection by attaching the support (10) to a ceiling and by attaching said support (10) to a structure through at least on line (21) extending at an angle of no more than 90° from a vertical direction.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01140/KOLNP/2005** **A**

(22) **Date of filing of Application: 14/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"INSULATING PANEL FOR THERMAL EXPANSION COMPENSATION"**

(51) **International classification** : **E04C 2/292**

(31) **Priority Document No** : **PCT/IT02/00782**

(32) **Priority Date** : **11/12/2002**

(33) **Name of priority country** : **ITALY**

(86) **International Application No and Filing Date:** : **PCT/EP2003/003878** 11/04/2003

(87) **International Publication No** : **WO 2004/053249 A1`**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
METECNO SPA

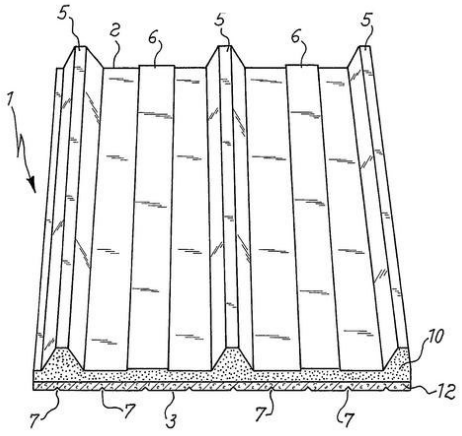
Address of the Applicant:
VIA PER CASSINO 19, I-20067 TRIBIANO, ITALY

(72) **Name of the Inventor: MORANDI MAURIZIO**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention consists of a panel comprising an insulating core (10) and two outer faces (2, 3) made of metallic sheet and disposed on opposite sides with respect thereto, wherein a cushion (12) of mineral wool is arranged between one of the outer faces and the insulating core. In this way a panel is obtained which is capable of compensating for the thermal expansion of the sheet metal, especially in the case of fire.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01174/KOLNP/2005** **A**

(22) **Date of filing of Application: 20/06/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"METHOD FOR ENCODING AND DECODING AUDIO AT A VARIABLE RATE"**

(51) **International classification** : **G10L 19/14, 19/00, HO3M 7/40**

(31) **Priority Document No** : **0300164**

(32) **Priority Date** : **08/01/2003**

(33) **Name of priority country** : **FRANCE**

(86) **International Application No and Filing Date:** : **PCT/FR03/03870** 22/12/2003

(87) **International Publication No** : **WO 2004/070706 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: FRANCE TELECOM**

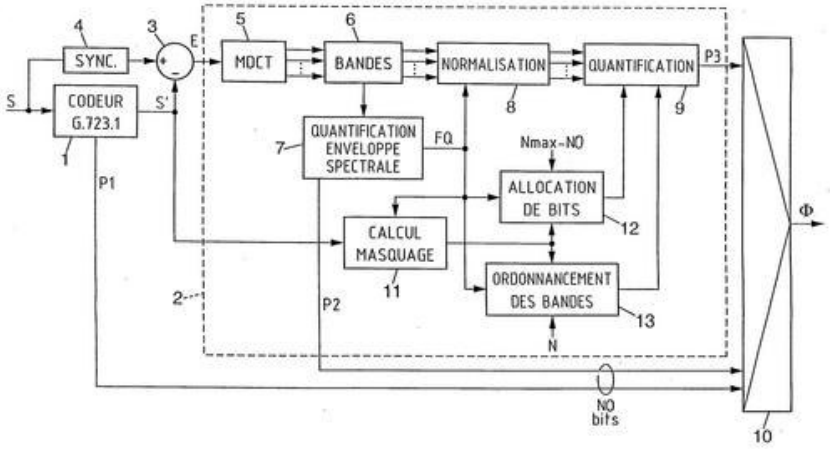
Address of the Applicant:
6, PLACE d' ALLERAY, 75015 PARIS, FRANCE

(72) **Name of the Inventor:**
1. **KOVESI BALAZES**
2. **MASSALOUX DOMINIQUE**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A maximum of Nmax bits for encoding is defined for a set of parameters which may be calculated from a signal frame is provided. The parameters for a first sub-set are calculated and encoded with N0 bits, where N0 < Nmax. The allocation of Nmax - N0 encoding bits for the parameters of a second sub-set are determined and the encoding bits allocated to the parameters for the second sub-set are classified. The allocation and/or order of classification of the encoding bits are determined as a function of the encoding parameters for the first sub-set. For a total of N available bits for the encoding of the total parameters (N0 < N = Nmax), the parameters for the second sub-set allocated the N - N0 encoding bits classified the first in said order are selected. Said selected parameters are calculated and encoded to give the N - N0 bits. The N0 encoding bits for the first sub-set and the N - N0 encoding bits for the selected parameters for the second sub-set are finally introduced into the output sequence of the encoder.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 01357/KOLNP/2005 A

(22) Date of filing of Application: 13/07/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : AN ELONGATE ELECTRICAL CONDUCTOR THAT IS ADAPTED FOR ELECTRICALLY CONNECTING WITH AN ELECTRICAL CONTACT

(51) International classification : H01R 25/14, H01B 5/02

(31) Priority Document No : 2002953429

(32) Priority Date : 18/12/2002

(33) Name of priority country : AUSTRALIA

(86) International Application No and Filing Date: : PCT/AU2003/001691 18/12/2003

(87) International Publication No : WO 2004/055951 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: POWER & COMMUNICATIONS LOGISTICS PTY LIMITED

Address of the Applicant: C/O MCDERMOTT DRILLING PTY LTD.,PO BOX 281, PENDLE

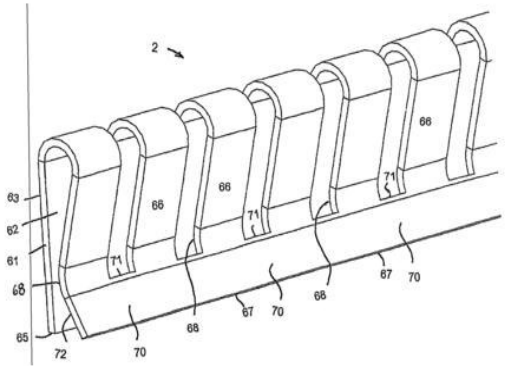
(72) Name of the Inventor:

I. SINCLAIR, JOHN, ASHTON
II. HABA, JAROSLAV, EMIL
III. TRUSKETT, KEVIN
IV. JACKSON, JEFFREY, ALLAN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

An elongate electrical conductor (2) is disclosed that is adapted for electrically connecting with an electrical contact, the conductor (2) includes a longitudinally extending elongate body (61) for defining a first contact surface (62); and a plurality of longitudinally spaced apart ribs (66) that extend from the body (61) to respective free ends (67) that are spaced apart from the first contact surface (62) for allowing the contact to be progressed between the body (61) and one or more of the ribs (66), each rib (66) including a respective second contact surface (68) that is opposed with the first surface (62) wherein, upon progression of the contact between the body (61) and the one or more ribs (66), the first surface (62) and the respective one or more second surfaces (68) are resiliently biased into engagement with the contact.



(FIG.12)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01587/KOLNP/2005** **A**

(22) **Date of filing of Application: 09/08/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **ELECTROTRANSPORT DEVICE HAVING A RESERVOIR HOUSING HAVING A FLEXIBLE CONDUCTIVE ELEMENT**

(51) **International classification** : **A61N 1/30**

(31) **Priority Document No** : **60/459,539**

(32) **Priority Date** : **31/03/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US04/009831** 30/03/2004

(87) **International Publication No** : **WO 2004/089464 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: ALZA CORPORATION,**

Address of the Applicant:1900 CHARLESTON ROAD, M 10-3B, P.O. BOX 7210, MOUNTAIN VIEW, CA 94039-7210, U.S.A

(72) **Name of the Inventor: GYORY, RICHARD**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

This invention relates to an electro transport device, which incorporates a flexible conductive element within the reservoir housing of the device, which permits electrical communication from within the housing to outside of the housing without the use of opening, which require various methods of sealing the opening against leaks and moisture.

(FIG. 1)

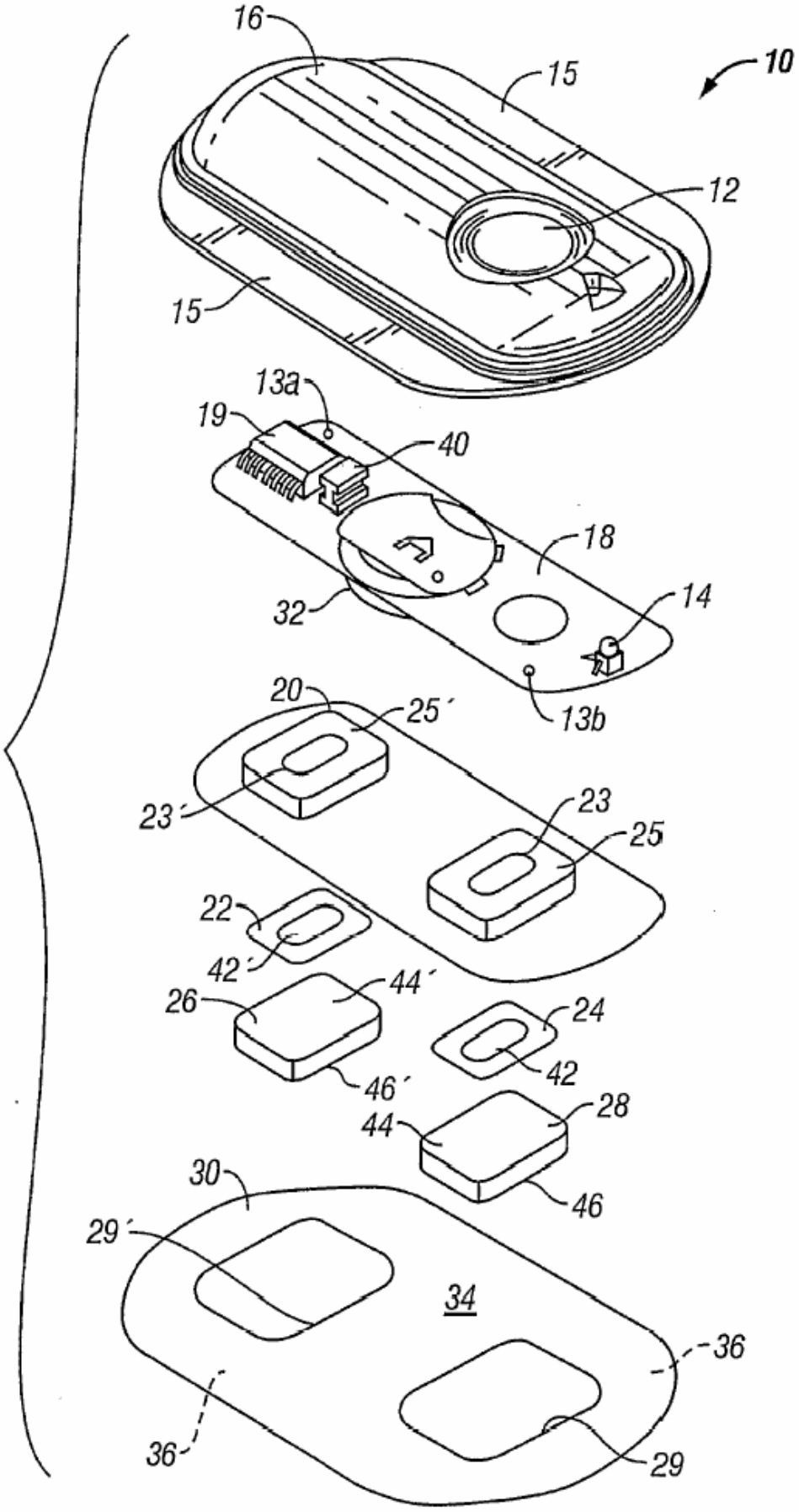

16
15
10
12
15
13a
19
40
18
32
14
13b
20
25'
23'
23
25
22
42'
44'
26
24
42
46'
28
44
46
30
29'
34
36
36
29

FIG. 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 01590/KOLNP/2005 A

(22) Date of filing of Application: 09/08/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : **EFFICIENT AND SCALABLE PARAMETRIC STEREO CODING FOR LOW BITRATE AUDIO CODING APPLICATIONS**

(51) International classification : **H04S 5/00,** H04H 5/00, H04B 1/00

(31) Priority Document No : **0102481.9,** 0200796.1 AND 0202159.0

(32) Priority Date : **10/07/2001,** 15/03/2002,09/07/2002

(33) Name of priority country : **SWEDEN**

(86) International Application No and Filing Date: : **PCT/SE02/01372** 10/07/2002

(87) International Publication No : **WO 03/007656 A1**

(61) Patent of addition to Application No : **NIL**

Filed on : **NIL**

(62) Divisional to Application No : **01554/KOLNP/2003**

Filed on : **28/11/2003**

(71) Name of Applicant: **CODING TECHNOLOGIES AB**

Address of the Applicant:
DOBELNSGATAN 64 S-113 52
STOCKHOLM
SWEDEN

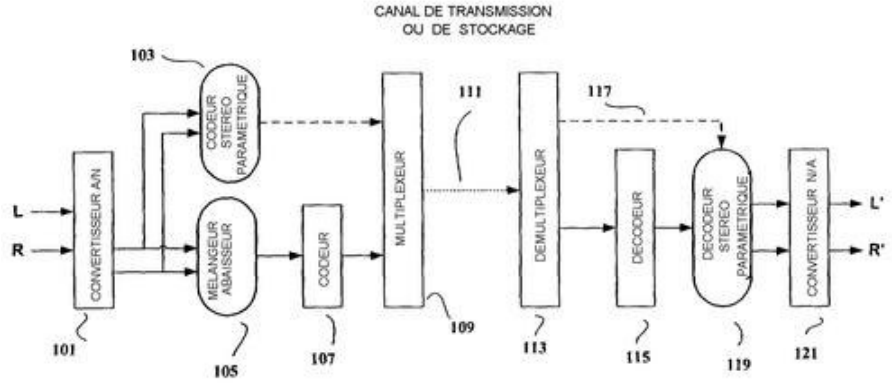
(72) Name of the Inventor:

1. **HENN FREDRIK**
2. **KJORLING KRISTOFER,**
3. **LILJERYD LARS,**
4. **RODEN JONAS,**
5. **ENGDEGARD JONAS**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The present invention provides improvements to prior art audio codecs that generate a stereo-illusion through post-processing of a received mono signal. These improvements are accomplished by extraction of stereo-image describing parameters at the encoder side, which are transmitted and subsequently used for control of a stereo generator at the decoder side. Furthermore, the invention bridges the gap between simple pseudo-stereo methods, and current methods of true stereo-coding, by using a new form of parametric stereo coding. A stereo-balance parameter is introduced, which enables more advanced stereo modes, and in addition forms the basis of a new method of stereo-coding of spectral envelopes, of particular use in systems where guided HFR (High Frequency Reconstruction) is employed. As a special case, the application of this stereo-coding scheme in scalable HFR-based codecs is described.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 01696/KOLNP/2005** **A**

(22) Date of filing of Application: 25/08/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : GLASS STRANDS CAPABLE OF REINFORCING ORGANIC AND/OR INORGANIC MATERIALS, PROCESS FOR MANUFACTURING SAID STRANDS AND COMPOSITION USED

(51) International classification : C03C

(31) Priority Document No : 03/03206

(32) Priority Date : 13/03/2003

(33) Name of priority country : FRANCE

(86) International Application No and Filing Date: : PCT/FR2004/000568 10/03/2004

(87) International Publication No : WO 2004/083142 A2

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: SAINT-GOBAIN VETROTEX FRANCE, S.A

Address of the Applicant:
130 AVENUE DES FOLLAZ, F-73000 CHAMBERY, FRANCE

(72) Name of the Inventor:

1. **CREUX, SOPHIE;**
2. **LECOMTE, EMMANUEL**
3. **RENAUD, NICOLAS;**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Glass reinforcement strand, the composition of which comprises the following constituents, within the limits defined below, expressed as percentages by weight: SiO_2 50 to 60 %, preferably $SiO_2 \geq 52$ % and/or $SiO_2 \leq 57$ %, Al_2O_3 10 to 19 %, preferably $Al_2O_3 \geq 13$ % and/or $Al_2O_3 \leq 17$ % B_2O_3 16 to 25 %, ZrO_2 0.5 to 1.5 %, $Na_2O \leq 1.5$ %, preferably $Na_2O \leq 0.8$, $K_2O \leq 1.5$ %, preferably $K_2O \leq 0.8$, $R_2O \leq 2$ %, preferably $R_2O \leq 1$ %, $CaO \leq 10$ %, $MgO \leq 10$ %, F 0 to 2 %, TiO_2 0 to 3 %, RO 4 to 15 %, preferably $RO \geq 6$ % and/or $RO \leq 10$ %, various ≤ 3 %, where $R_2O = Na_20 + K_20 + Li_20$, et RO = CaO + MgO. The dielectric properties of such glass compositions are particularly advantageous in the MHz and GHz ranges.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01715/KOLNP/2005** **A**

(22) **Date of filing of Application: 29/08/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : SANITARY INSTRUMENT

(51) **International classification** : **E03C 1/08**

(31) **Priority Document No** : **103 12 854.9**

(32) **Priority Date** : **21/03/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/002504** 11/03/2004

(87) **International Publication No** : **WO 2004/083538 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: NEOPERL GMBH**

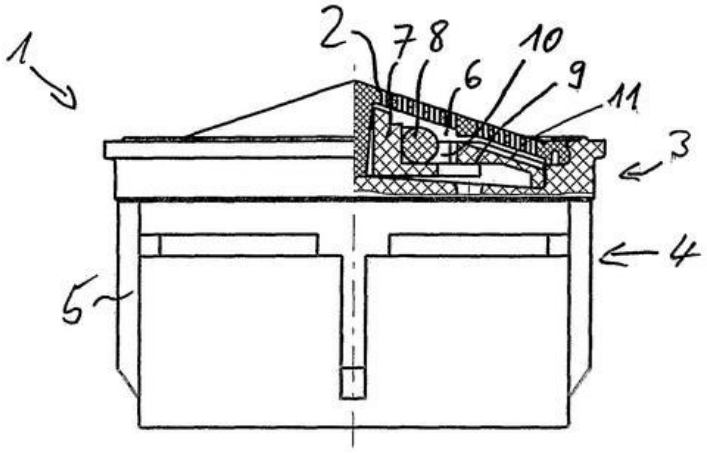
Address of the Applicant: KLOSTERRUNSSTRASSE 11, 79379, MULLHEIM, GERMANY

(72) **Name of the Inventor: ZOLLER UWE**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A sanitary insert unit (1) which can be inserted into a discharge fitting is provided, comprising a substantially conically-shaped upstream sieve (2) with a downstream-located throughflow regulator (3) and a jet regulator (4) in a direction of flow. The throughflow regulator (3) is arranged substantially inside the inner area (6) of the insert unit, which is defined on the upper side by the upstream sieve (2). The throughflow regulator (3) has a cross-sectional shape that is substantially adapted to the cross-sectional profile of the upstream sieve (2). The throughflow regulator (3) has a rising sloping surface (9) which rises gradually in a radially inward manner from an outer, particularly annular, edge area and which leads to a control gap (10) or a similar throughflow opening that leads to the jet regulator (4). The rising sloping surface (9) and the upstream sieve are spaced apart from one another.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01741/KOLNP/2005** **A**

(22) **Date of filing of Application: 01/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"METHOD OF CONSTRUCTING LARGE TOWERS FOR WIND TURBINES"**

(51) **International classification** : **F03D 11/04** 1/00

(31) **Priority Document No** : **N.A**

(32) **Priority Date** : **N.A**

(33) **Name of priority country** : **N.A**

(86) **International Application No and Filing Date:** : **PCT/EP2003/002888** 19/03/2003

(87) **International Publication No** : **WO 2004/083633 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: VESTAS WIND SYSTEMS A/S**

Address of the Applicant:
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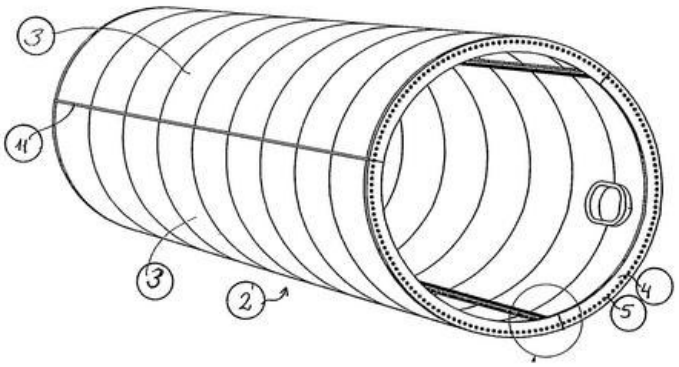
(72) **Name of the Inventor: JENSEN, SOREN, P.**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

In order to transport large size windmill towers, the invention suggests a steel tower (1) for a windmill, comprising a number of cylindrical or tapered tower sections (2), at least the wider sections (2) of which being subdivided into two or more elongated shell segments (3), which combine into a complete tower section (2) by means of vertical flanges (6) tightened together, e.g., by bolts (10), said shells being also provided with upper and lower horizontal flanges (4), respectively, to allow interconnection of tower sections (2) one on top of the other.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 01791/KOLNP/2005** **A**

(22) **Date of filing of Application: 08/09/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "METHOD AND APPARATUS FOR SYNTHESIZING FILAMENTARY STRUCTURES"**

(51) **International classification : C01B 31/02, D01F 9/127**

(31) **Priority Document No : 10/389,002**

(32) **Priority Date : 14/03/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/005891** 27/02/2004

(87) **International Publication No : WO 2004/083120 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: MASSACHUSETTS INSTITUTE OF TECHNOLOGY**

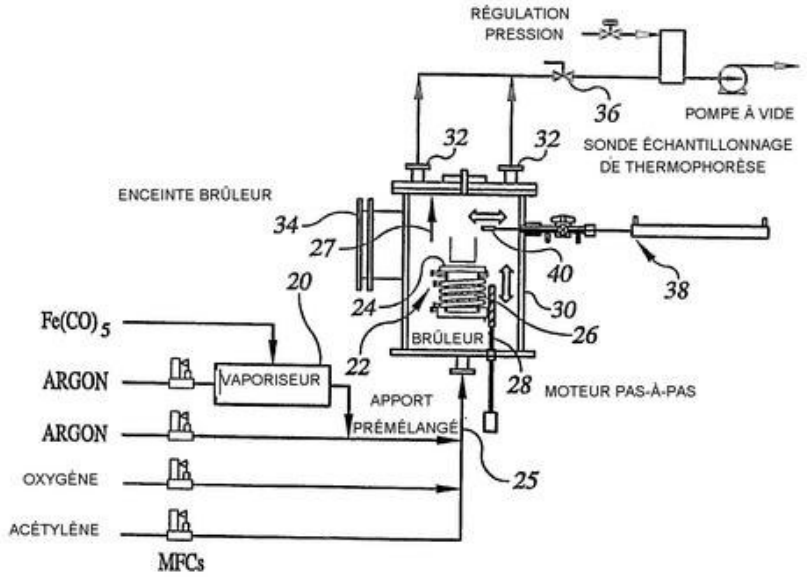
Address of the Applicant: FIVE CAMBRIDGE CENTER, CAMBRIDGE, MA 02142-1493 U.S.A

(72) **Name of the Inventor: 1. HEIGHT, MURRAY, J.**
2.HOWARD, JACK, B.
3. VANDERSANDE, JOHN, B.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Method and apparatus for producing filamentary structures are suggested in this invention. The structures include single-walled nanotubes. The method includes combusting hydrocarbon fuel and oxygen to establish a non-sooting flame and providing an unsupported catalyst to synthesize the filamentary structure in a post-flame region of the flame. Residence time is selected to favor filamentary structure growth.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 02170/KOLNP/2005** **A**

(22) **Date of filing of Application: 02/11/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"RECHARGEABLE LITHIUM BATTERY USING SEPARATOR PARTIALLY COATED WITH GEL POLYMER"**

(51) **International classification** : **H01M 2/14**

(31) **Priority Document No** : **10-2003-0034685**

(32) **Priority Date** : **30/05/2003**

(33) **Name of priority country** : **KOREA**

(86) **International Application No and Filing Date:** : **PCT/KR2004/001257** 28/05/2004

(87) **International Publication No** : **WO 2004/107479 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
LG CHEM, LTD.

Address of the Applicant:
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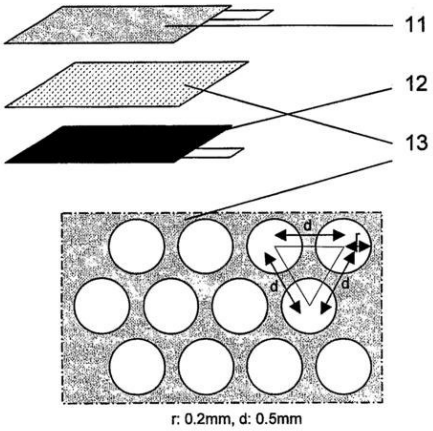
(72) **Name of the Inventor: 1. KIM, JEE-HO**
2. YU, JI-SANG
3. CHOI, JEONG-HEE

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Disclosed here are a separator for a battery, which is coated with a gel polymer over 40-60% of total separator area, and a rechargeable lithium battery using the separator. The separator partially coated with a gel polymer reduces the battery resistance so that the battery power can be improved. Additionally, the separator increases electrolyte impregnation rate and provides uniform electrolyte impregnation, thereby improving the life, capacity and high-rate discharge property of a battery. Further, the separator permits electrode reactions to be performed uniformly, thereby preventing lithium precipitation and improving the battery safety.



(FIG.4)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 02400/KOLNP/2005** **A**

(22) Date of filing of Application: 28/11/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : CELLULOSE POWDER

(51) International classification : C08J 3/12, A61J 3/10, A61K 9/20, 47/38

(31) Priority Document No : 2003-153814

(32) Priority Date : 30/05/2003

(33) Name of priority country : JAPAN

(86) International Application No and Filing Date: : PCT/JP04/007379 28/05/2004

(87) International Publication No : WO 2004/106416 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: ASAHI KASEI CHEMICALS CORPORATION

Address of the Applicant: 1-2, YURAKU-CHO 1-CHOME, CHIYODA-KU, TOKYO, JAPAN

(72) Name of the Inventor: 1. NAOAKI YAMASAKI
2. KAZUHIRO OBAE
3. ICHIRO IBUKI

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A cellulose powder which has an average degree of polymerization of 150 to 450, an average particle diameter of 30 to 250 μm, an apparent specific volume exceeding 7 cm^3/g, and a retention of polyethylene glycol having a molecular weight of 400 of 190% or higher.
(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 02631/KOLNP/2005** **A**

(22) **Date of filing of Application: 19/12/2005** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **METHOD FOR THE PRODUCTION OF CYCLIC PHOSPHONIC ACID ANHYDRIDES**

(51) **International classification** : **C07F 9/38**

(31) **Priority Document No** : **103 33 042.9**

(32) **Priority Date** : **21/07/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/007468** 08/07/2004

(87) **International Publication No** : **WO 2005/014604 A2**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: CLARIANT GMBH**

Address of the Applicant:
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FRANKFURT AM MAIN, GERMANY

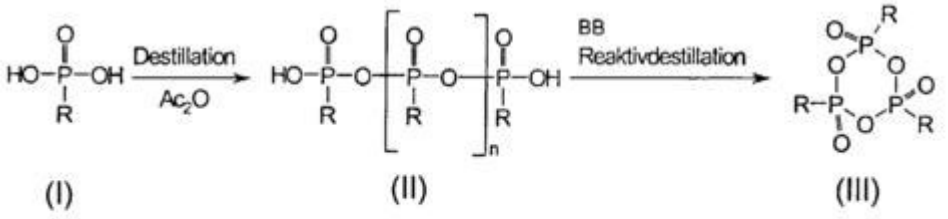
(72) **Name of the Inventor:**

1. **DR. MARK WEHNER**
2. **DR. BETTINA KIRSCHBAUM,**
3. **LOTHAR DEUTSCHER**
4. **HANS JURGEN WAGNER,**
5. **HARALD HOSSL**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Disclosed is a method for producing cyclic phosphonic acid anhydrides of formula (III) by a) reacting phosphonic acid derivatives of formula (I) with acetic anhydride at a temperature ranging between 30 and 150 °C while separating a mixture of ethanoic acid and acetic anhydride by means of distillation, b) then reactively distilling the oligomeric phosphonic acid anhydrides of formula (II) obtained in step a) and transforming the same into the corresponding cyclic trimeric phosphonic acid anhydrides of formula (III), n representing a number between 0 and 300 while R represents allyl, aryl, or open-chain, cyclic, or branched C_1 to C_8 alkyl radicals, aryloxy, allyloxy, or alkoxy comprising open-chain, cyclic, or branched C_1 to C_8 alkyl radicals. Preferably, the cyclic trimeric phosphonic acid anhydrides formed in step b) are immediately dissolved in an organic solvent that exhibits an inert behavior relative thereto.



(FIG. nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 02669/KOLNP/2005 **A**
(22) Date of filing of Application: 22/12/2005 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: METHOD FOR MEASURING INTERFERENCE POWER IN TIME SLOT CDMA SYSTEM

(51)	**International classification**	:	H04B 7/005
(31)	**Priority Document No**	:	03149766.7
(32)	**Priority Date**	:	05/08/2003
(33)	**Name of priority country**	:	CHINA
(86)	**International Application No and**	:	PCT/CN04/000877
	Filing Date	:	& 28/07/2004
(87)	**International Publication No**	:	WO 05/013508
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.,

Address of the Applicant:
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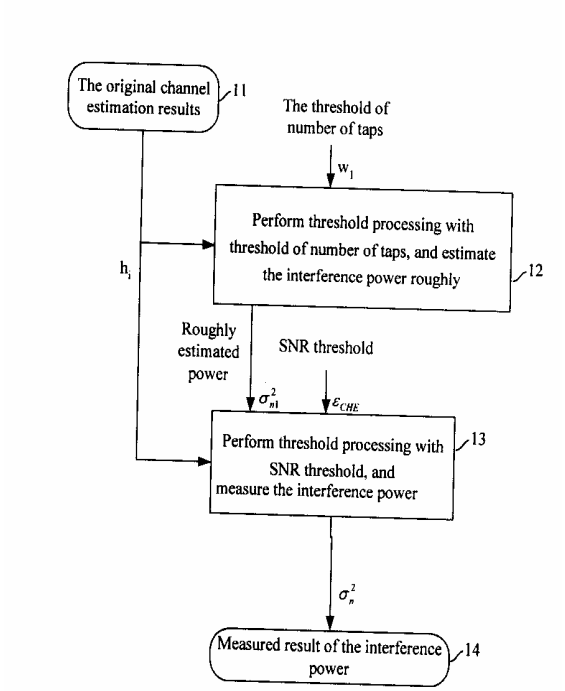
(72) Name of the Inventor:
1)WANG YINGMIN
2)KANG, SHAOLI
3)HU, JINLING

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to a method for measuring interference powering a time slot CDMA system, especially for applications of downlink receiving devices in a time slot CDMA system. The method includes: performing channel estimation for received signals with channel estimation codes, to obtain the original channel response estimation results $\underline{h_i}$,i = 1….P ; predetermining a threshold of number of taps W_1, and selecting the channel response estimation results for W_1 taps with less power from the original channel response estimation results $\underline{h_i}$ for W_1 as the roughly estimated result of the interference power; performing threshold processing on the original channel response estimation results by post-processing against signal-to-noise ration threshold, by using the roughly estimated result of the interference power and the predetermined signal-to-noise ration threshold, before processing compensating the possible error generated from rough estimation of the interference power and performing threshold processing with the compensated power threshold, so as to ultimately obtain an accurate measured result of the interference power. The method can be used to reliably measure the interference power in time slot CDMA mobile communication systems when the information of idle channel estimation windows is unavailable.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 02705/KOLNP/2005 A

(22) Date of filing of Application: 26/12/2005 (43) Publication Date: 25/05/2007

(54) Title of the invention: : HYDROXYAMIDINE AND HYDROXYGUANIDINE COMPOUNDS AND UROKINASE INHIBITORS

(51) International classification : C07D 295/205, C07C 311/10, C07D 295/215

(31) Priority Document No : 103 23 898.0

(32) Priority Date : 26/05/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/EP2004/005682 26/05/2004

(87) International Publication No : WO 2004/103984 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: WILEX AG

Address of the Applicant: GRILLPARZERSTR. 16 81675 MUNCHEN GERMANY

(72) Name of the Inventor:

1. SPERL, STEFAN
2. BURGLE, MARKUS
3. SCHMALIX, WOLFGANG
4. WOSIKOWSKI, KATJA
5. CLEMENT, BERND

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The present invention relates to novel compounds for inhibiting the urokinase plasminogen activator (uPA), which have high bioavailability and oral administer ability, and also to the use thereof as therapeutic active compounds for the treatment of urokinase or /and urokinase receptor-associated disorders such as, for example, tumors and metastasizing. The invention relates in particular to compounds containing hydroxyamidine or hydroxyguanidine groups.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00087/KOLNP/2006** **A**

(22) **Date of filing of Application: 10/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"UMBRELLA COVER"**

(51) **International classification** : **A45B 25/26**

(31) **Priority Document No** : **GB-A-03 16896.0**

(32) **Priority Date** : **18/07/2003**

(33) **Name of priority country** : **GREAT BRITAIN**

(86) **International Application No and Filing Date:** : **PCT/GB2004/002573 17/06/2004**

(87) **International Publication No** : **WO 2005/013755 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
MCGUIGAN, GERARD

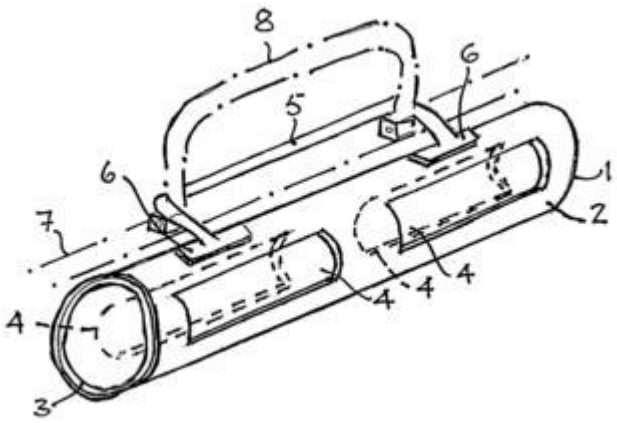
Address of the Applicant:
32 WOBURN AVENUE, THEYDON BOIS, ESSEX, CM 16 7JS, GREAT BRITAIN

(72) **Name of the Inventor:**
MCGUIGAN, GERARD

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

An umbrella carrier (1) adapted to receive a folded umbrella and provided with attachment means (5) for removably securing it to an article of luggage, and which includes a holster-like perforated support element (2) having openings (4) which are closed internally by water repellent porous fabric.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00110/KOLNP/2006 A

(22) Date of filing of Application: 12/01/2006 (43) Publication Date: 25/05/2007

(54) Title of the invention: : TERMINAL WITH A TOUCH PANEL DISPLAY AND TOUCH PANEL DISPLAY

(51) International classification : G07F 7/10,

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : PCT/CH2003/000524 30/07/2003

(87) International Publication No : WO 2005/010832 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: ACS SOLUTIONS SCHWEIZ AG

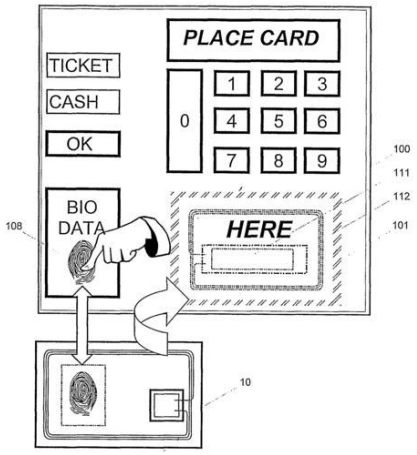
Address of the Applicant: FRANKENSTRASSE 70 CH-3018 BERN SWITZERLANCD

(72) Name of the Inventor:
1.WERNER BAUMANN
2. HUGO HEINRICH PILLER

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The inventive terminal (200), that may be realized in various embodiments, e.g. as access control terminal, pay telephone, point of sales terminal, ticket vending machine or automatic teller machine, comprises a touch panel display (100) and means for contactless communication with an IC-card (10) that is used to perform transactions requested by the holder of the IC-card (10). In order to allow communication between the IC-card (10) and the terminal (200), at least one antenna (112), designed to receive signals from and/or to send signals to the IC-card (10), is embedded in the touch panel display (100) so that the card reading and writing functionality is implemented in the touch panel display (100).



(FIG.4)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00156/KOLNP/2006** **A**

(22) **Date of filing of Application: 19/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "OFDM CHANNEL ESTIMATION AND TRACKING FOR MULTIPLE TRANSMIT ANTENNA"**

(51) **International classification : H04L 1/06, 25/02, 27/26**

(31) **Priority Document No : 03292120.7**

(32) **Priority Date : 28/08/2003**

(33) **Name of priority country : EUROPE**

(86) **International Application No and Filing Date: : PCT/EP2004/051643 28/07/2004**

(87) **International Publication No : WO 2005/022815 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: MOTOROLA, INC.**

Address of the Applicant: 1303, EAST ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60196, U.S.A

(72) **Name of the Inventor:**

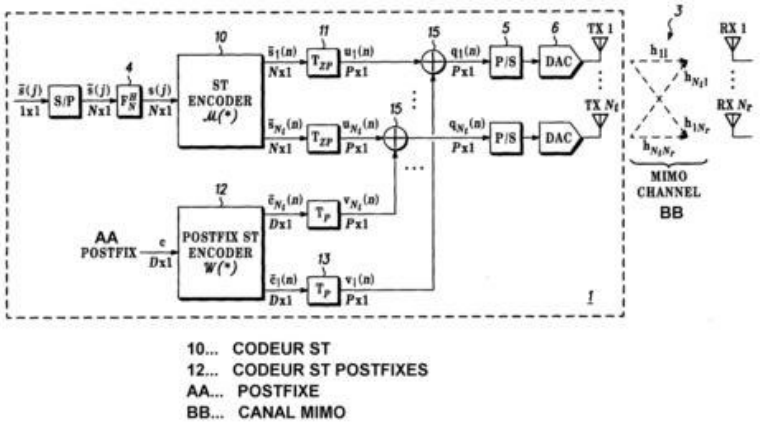
1. **RIBEIRO DIAS, ALEXANDRE**
2. **DE COURVILLE, MARC**
3. **MUCK, MARKUS**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Multiple Transmit Multiple Receive Orthogonal Frequency Division Multiplexing ('OFDM') comprising generating bit streams and corresponding sets of *N* frequency domain carrier amplitudes (see (I)), $0 \leq j \leq N-1$) modulated as OFDM symbols subsequently to be transmitted from a transmitter, where *k* is the OFDM symbol number and *j* indicates the corresponding OFDM carrier number. Affix information is inserted at the transmitter Into guard intervals between consecutive time domain OFDM symbols and are used at the receiver to estimate the Channel Impulse Response (H_{lm}) of the transmission channels, the estimated Channel Impulse Response (see (II)) being used to demodulate the bit streams In the signals received at the receiver. The affix information is known to the receiver as well as to the transmitter, and is mathematically equivalent to a vector (c_D) that is common to the time domain OFDM symbols multiplied by at least first weighting factors (a_k) that are different for one time domain OFDM symbol (a_k) than for another and second weighting factors ($w_i(k)$) that enable one of the transmit antenna means (*i*) to be distinguished from another.

$(\tilde{s}(kN+j))$ (I)



10... CODEUR ST
12... CODEUR ST POSTFIXES
AA... POSTFIXE
BB... CANAL MIMO

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00157/KOLNP/2006** **A**

(22) **Date of filing of Application: 19/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"RANDOM ACCESS COMMUNICATION OPPORTUNITY METHOD"**

(51) **International classification** : **H04Q 7/00**

(31) **Priority Document No** : **60/497,654**
10/919,920

(32) **Priority Date** : **25/08/2003**
17/08/2004

(33) **Name of priority country** : **US**

(86) **International Application No and Filing Date:** : **PCT/US2004/027340**
23/08/2004

(87) **International Publication No** : **WO 2005/022809 A3**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
MOTOROLA, INC.,

Address of the Applicant:
1303, EAST ALGONQUIN ROAD,
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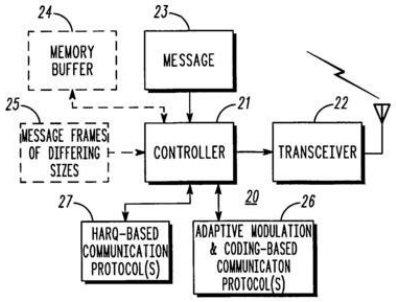
(72) **Name of the Inventor: I. GFHOSH, AMITAVA**
II. LOVE, ROBERT T.
III. WHINNETT, NICK W.

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

During a random access communication opportunity (12), user equipment (20) utilizes either or both of an adaptive modulation and coding-based communication protocol (26) and an HARQ-based communication protocol (27) to achieve improved performance. This can avoid the need to establish dedicated channels (13) to support the required communications. In one embodiment, a plurality of adaptive modulation and coding-based communication protocols are provided with a given protocol being selected as a function of one or more governing criteria. For example, the protocol can be selected as a function of a quality condition of the communication path, as a function of a memory buffer, and so forth.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00160/KOLNP/2006** **A**

(22) **Date of filing of Application: 20/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "ANTIBODIES AGAINST INTERLEUKIN-22 AND USES THEREFOR"**

(51) **International classification : C07K 16/00**

(31) **Priority Document No : 60/480,652**

(32) **Priority Date : 23/06/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/020833 22/06/2004**

(87) **International Publication No : WO 05/000897**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
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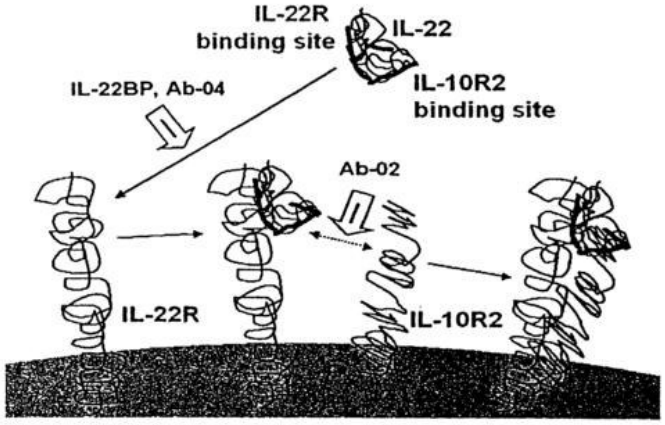
Address of the Applicant:87 CAMBRIDGE PARK DRIVE, CAMBRIDGE, MA 02140, U.S.A

(72) **Name of the Inventor: 1. LI JING,**
2. TAN XIANG-YANG
3. TOMKINSON KATHLEEN N
4.PITTMAN DEBRA D
5. VELDAN GEERTRUIDA M
6. FOUSER LYNETTE

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Antibodies and antigen-binding fragments thereof that bind interleukin-22 (IL 22), in particular, human IL-22, and their uses in regulating IL-22-associated immune responses are disclosed. The antibodies disclosed herein are useful in diagnosing, preventing, or treating IL-22-associated immune disorders, e.g., autoimmune disorders (e.g., arthritis).



(FIG.12)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00197/KOLNP/2006** **A**

(22) **Date of filing of Application: 25/01/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"TRANSPORT DEVICE FOR A MOTOR VEHICLE OR A PARTIALLY ASSEMBLED MOTOR VEHICLE DURING THE PRODUCTION PROCESS"**

(51) **International classification** : **B62D 65/00**

(31) **Priority Document No** : **103 36 399.8**

(32) **Priority Date** : **06/08/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/DE2004/001762 05/08/2004**

(87) **International Publication No** : **WO 2005/014375 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: DURR AKTIENGHESELLSCHAFT**

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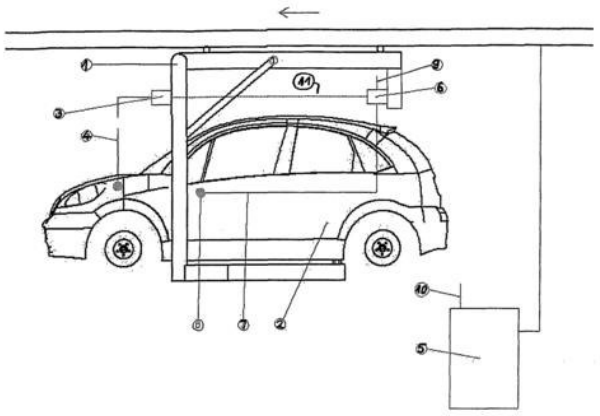
(72) **Name of the Inventor: 1. DE MOLIERE, FREDERIC**
2. MOGCK, GERHARD
3. TENTRUP, THOMAS
4.SPIEGELBERG, GERNOT

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a transport device for a motor vehicle or a partially assembled motor vehicle during the production process. The transport device is characterized in that it is configured to receive a motor vehicle or a partially mounted motor vehicle, said motor vehicle or partially mounted motor vehicle being transported by means of the transport device to different working stations. The transport device is continuously supplied with power during the production process. The transport device is provided with a terminal for supplying the on-board power supply network of the motor vehicle or partially assembled motor vehicle with power. The on-board power supply network of the motor vehicle or partially assembled motor vehicle can be connected to said terminal.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00199/KOLNP/2006 A

(22) Date of filing of Application: 25/01/2006 (43) Publication Date: 25/05/2007

(54) Title of the invention: : GLYCOSIDASE INHIBITORS AND METHODS OF SYNTHESIZING SAME

(51) International classification : C07D 207/00,

(31) Priority Document No : 60/482,006

(32) Priority Date : 25/06/2003

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

(86) International Application No and Filing Date: : PCT/CA2004/000958 25/06/2004

(87) International Publication No : WO 2004/113289 A2

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: SIMON FRASER UNIVERSITY

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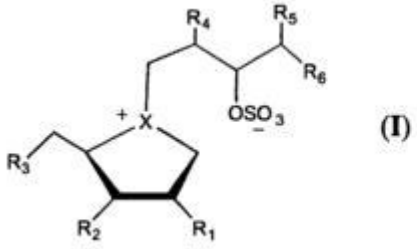
(72) Name of the Inventor: I. PINTO, BRIAN, MARIO
II. JOHNSTON, BLAIR, D.
III. GHAVAMI, AHMAD
IV. SZCZEPINA, MONICA, GABRIELA
V. LIU, HUL
VI. SADALPURE, KASHINATH

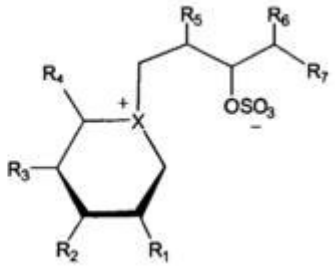
Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A method for synthesizing Salacinol, its stereoisomers, and analogues, homologues and other derivatives thereof potentially useful as glycolsidase inhibitors. The compounds of the invention may have the general formula (I) or (II): The synthetic schemes comprise reacting a cyclic sulfate with a 5-membered ring sugar containing a heteroatom (X). The heteroatom preferably comprises sulfur, selenium, or nitrogen. The cyclic sulfate and ring sugar reagents may be readily prepared from carbohydrate precursors, such as D-glucose, L-glucose, D-xylose and L-xylose. The target compounds are prepared by opening of the cyclic sulfates by nucleophilic attack of the heteroatoms on the 5-membered ring sugars. The resulting heterocyclic compounds have a stable, inner salt structure comprising a heteroatom cation and a sulfate anion. The synthetic schemes yield various stereoisomers of the target compounds in moderate to good yields with limited side-reactions.



(I)



(II)

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00239/KOLNP/2006** **A**

(22) Date of filing of Application: 31/01/2006 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : "METHOD FOR THE BONDING OF DISC SHAPED SUBSTRATES AND APPARATUS FOR CARRYING OUT THE METHOD"

(51)	**International classification**	:	**B29C 65/48**
(31)	**Priority Document No**	:	**60/497,224**
(32)	**Priority Date**	:	**22/08/2003**
(33)	**Name of priority country**	:	**U.S.A**
(86)	**International Application No and Filing Date:**	:	**PCT/EP2004/002815** 18/03/2004
(87)	**International Publication No**	:	**WO 2004/057939 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**NIL**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**NIL**

(71) Name of Applicant: UNAXIS BALZERS AKTIENGESELLSCHAFT

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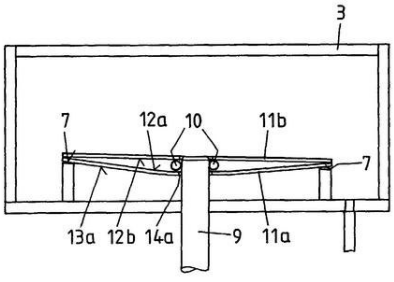
(72) Name of the Inventor:
I. EISENHAMMER, THOMAS

2. OU-YANG, JEFF

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A first substrate (11a) is positioned on a support surface (7) in a vacuum chamber with an upward-facing first bonding surface (12a) spin-coated with adhesive while a second substrate 811b) is held with downward-facing second bonding surface (12b) to a cover (3) by suction. While the vacuum chamber is being evacuated to a pressure of between 0.1mbar and 2mbar, a support pin (9) is extended through central openings (14a, 14b) of the substrates (11a, 11b) and then retracted with the second substrate (11b) released from the cover (3) and carried by radially extended balls (10). The support pin (9) is lowered to a position where the balls (10), acting against the first bonding surface (12a), deform the first substrate (11a). The first bonding surface (12a) being therefore slightly concave, the first and second bonding surfaces (12a, 12b) only touch close to their circumferences. Retraction of the balls (10) causes a spreading of the contact area radially inwards to cover the first and second bonding surfaces (12a, 12b) without entrapment of non-bonded areas. The substrates (11a, 11b) are then lifted by the support pin (9) with again extended balls (10) and pressed against the cover (3) and the vacuum chamber is aired.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00268/KOLNP/2006** **A**

(22) **Date of filing of Application: 06/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : CRYSTAL OF 1-METHYL CARBAPENEM COMPOUND**

(51) **International classification : C07D 487/04, A61K 31/407, A61P 31/04**

(31) **Priority Document No : 2003-299677**

(32) **Priority Date : 25/08/2003**

(33) **Name of priority country : JAPAN**

(86) **International Application No and Filing Date: : PCT/JP2004/012604 25/08/2004**

(87) **International Publication No : WO 2005/019217 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
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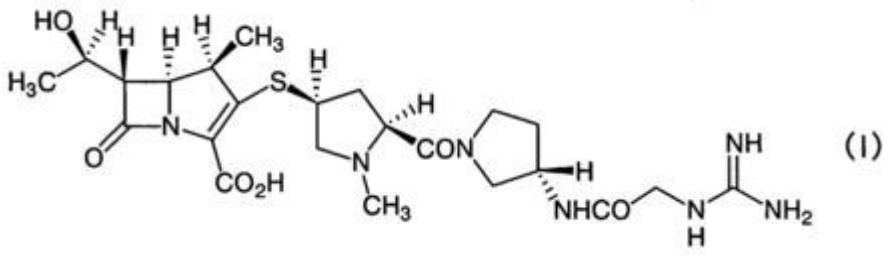
(72) **Name of the Inventor: 1. MICHIDA MAKOTO**
2. NAGAO, YUKI

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: A crystal of 1-methyl carbapenem compound (I): (I) or a pharmacologically acceptable salt thereof, characterized in that it exhibits specific main peaks in a powder X-ray diffraction pattern obtained by the irradiation of a Cu-Kα line.



(I)

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00282/KOLNP/2006** **A**

(22) **Date of filing of Application: 07/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"PROCESS FOR PRODUCING HIGH PURITY 3, 5-DIHYDROXY-6-HEPTENOIC ACID DERIVATIVE**

(51) **International classification** : **C07D 215/14**

(31) **Priority Document No** : **2003-346019**

(32) **Priority Date** : **03/10/2003**

(33) **Name of priority country** : **JP**

(86) **International Application No and Filing Date:** : **PCT/JP2004/014289 22/09/2004**

(87) **International Publication No** : **WO 2005/033083 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
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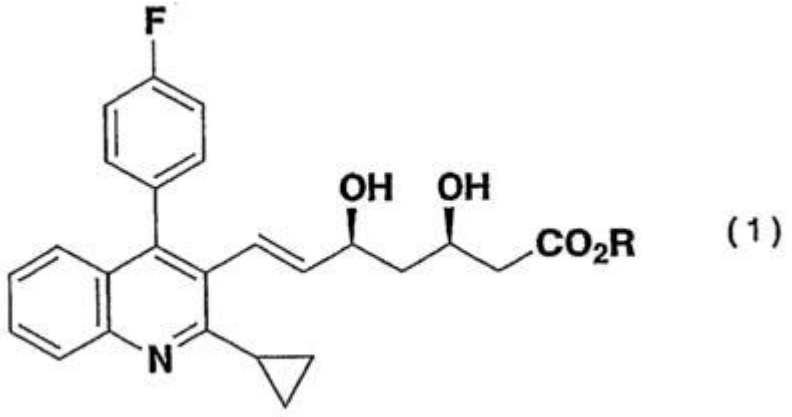
(72) **Name of the Inventor:**

1. **YOSHIMURA, YUJI**
2. **YASUKAWA, MASAMI**
3. **MORIKIYO, SYUJI**
4. **TAKADA, YASUTAKA**
5. **MATSUMOTO, HIROO**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A process for producing a high purity 3,5-dihydroxy6-heptenoic acid derivative by controlling the content of impurities such as denatured substances, is provided. When a 3,5-dihydroxy-6-heptenoic acid derivative is produced by a process which comprises a step of contacting the 3,5-dihydroxy-6-heptenoic acid derivative of the formula (1) wherein R is a C_{1-4} alkyl group, with a C_{1-4} lower alcohol-containing solvent, an alcohol containing solvent having its content of an oxidizing substance lowered, is used to at most 0.05 molar equivalent to a 3,5-dihydroxy-6-heptenoic acid derivative, to suppress impurities contained in the 3,5-dihydroxy-6heptenoic acid derivative.



(1)

(FIG. 1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00322/KOLNP/2006** **A**

(22) **Date of filing of Application: 14/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "HUMAN ANTI-NGF NEUTRALIZING ANTIBODIES AS SELECTIVE NGF PATHWAY INHIBITORS"**

(51) **International classification : A61K 39/395, C07K 16/22, G01N 33/53**

(31) **Priority Document No : 60/487,431**

(32) **Priority Date : 15/07/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/022876 15/07/2004**

(87) **International Publication No : WO 2005/019266 A3**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: AMGEN INC.**

Address of the Applicant: ONE AMGEN CENTER DRIVE, THOUSAND OAKS, CALIFORNIA 91320, U.S.A

(72) **Name of the Inventor: 1. WILD KENNETH D, JR.**
2. TREANOR JAMES JS
3. HUANG HAICHUN
4. INOUE HEATHER
5. ZHANG TIE J
6. MARTIN FRANK

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

This invention provides antibodies that interact with or bind to human nerve growth factor (NGF) and neutralize the function of NGF thereby. The invention also provides pharmaceutical compositions of said antibodies and methods for neutralizing NGF function, and particularly for treating NGF-related disorders (e.g., chronic pain) by administering a pharmaceutically effective amount of anti-NGF antibodies. Methods of detecting the amount of NGF in a sample using anti-NGF antibodies are also provided.

(FIG. 5)

NGF CDR1 heavy chain alignments/ % identity

```
                        (1) 1    5
14D10 HC CDR1 (1) DYAMH
6H9 HC CDR1 (1) DYAMH
7H2 HC CDR1 (1) DYAMH
4G6 HC CDR1 (1) DYGMN
14D11 HC CDR1 (1) TYWIG
4D4 HC CDR1 (1) SYSMN
```

	14D10 HC CDR1	6H9 HC CDR1	7H2 HC CDR1	4G6 HC CDR1	14D11 HC CDR1	4D4 HC CDR1
14D10 HC CDR1	100	100	100	60	20	40
6H9 HC CDR1		100	100	60	20	40
7H2 HC CDR1			100	60	20	40
4G6 HC CDR1				100	20	60
14D11 HC CDR1					100	20
4D4 HC CDR1						100

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00370/KOLNP/2006** **A**

(22) **Date of filing of Application: 20/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **CIRCUIT ARRANGEMENT FOR RAPIDLY TRIPPING LOW-VOLTAGE POWER BREAKERS**

(51) **International classification** : **H02H 7/22, 1/06**

(31) **Priority Document No** : **10343339.2**

(32) **Priority Date** : **12/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/DE2004/001908 24/08/2004**

(87) **International Publication No** : **WO 2005/027296 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
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(72) **Name of the Inventor:**
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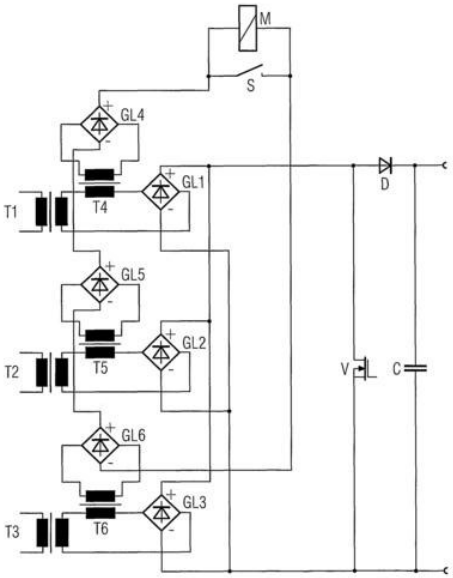
2. MARC LIEBETRUTH
3. KLAUS NEIDHARDT
4. ANDREAS PANCKE
5. WOLFGANG ROHI

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a circuit arrangement for rapidly switching off low-voltage circuit breakers comprising an electronic tripping unit. According to the invention, a switching element which is operated in a short-circuit mode during normal operation and to which a fast trip magnet of the low-voltage circuit breaker is connected in parallel is impinged upon by a current that is proportionate to the current monitored by the low-voltage circuit breaker, and the short circuit of said switching element is bypassed when the current monitored by the low-voltage circuit breaker reaches a set threshold value. One respective transformer (T4, T5, T6) is serially connected to the power inputs of the electronic tripping unit, the secondary ends of said transformers (T4, T5, T6) being interconnected among each other on the direct voltage side while being serially connected to the switching element (S) via bridge rectifiers (GL4, GL5, GL6).



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00393/KOLNP/2006** **A**

(22) **Date of filing of Application: 21/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **COMMUNICATION TERMINAL AND METHOD FOR TIMING THE DETECTION OF COMMUNICATION-MEDIUM CHARACTERISTICS**

(51) **International classification** : **H04L 1/20**

(31) **Priority Document No** : **2003-351212,** 2004- 222462

(32) **Priority Date** : **09/10/2003,** 29/07/2004

(33) **Name of priority country** : **JAPAN**

(86) **International Application No and Filing Date:** : **PCT/JP04/015008 05/10/2004**

(87) **International Publication No** : **WO 2005/036809 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.**

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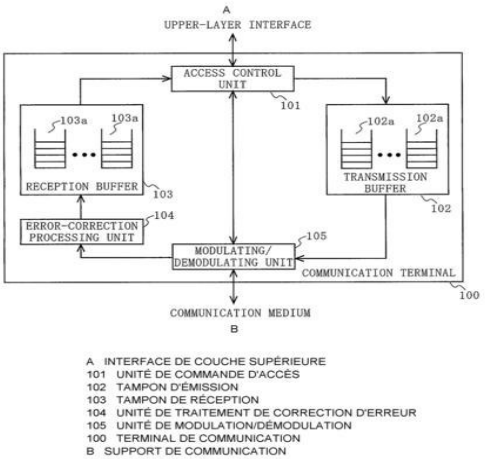
(72) **Name of the Inventor: 1. YOUHEI KOIDE**
2.TOHRU YASUKAWA
3. SHIGEO YOSHIDA
4. SHINICHIRO OHMI

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The present invention is a communication terminal which modulates and demodulates a packet for transmission and reception based on a communication parameter for modulation and demodulation determined according to a communication-medium characteristic. The communication terminal according to the present invention includes: information-element extracting means which extracts, with each predetermined cycle, information indicative of either one of transmission efficiency and reception quality of the packet as an information element; difference calculating means which calculates, with each said cycle, a difference between a first information element extracted by the information-element extracting means and a second information element previously extracted by the information-element extracting means; and detecting-scheme performance determining means which determines, based on the difference between the first information element and the second information element calculated by the difference calculating means, with each said cycle, whether a scheme of detecting the communication-medium characteristic for changing the communication parameter is to be performed.



A INTERFACE DE COUCHE SUPÉRIEURE
101 UNITÉ DE COMMANDE D'ACCÈS
102 TAMPON D'ÉMISSION
103 TAMPON DE RÉCEPTION
104 UNITÉ DE TRAITEMENT DE CORRECTION D'ERREUR
105 UNITÉ DE MODULATION/DÉMODULATION
100 TERMINAL DE COMMUNICATION
B SUPPORT DE COMMUNICATION

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00401/KOLNP/2006** **A**

(22) **Date of filing of Application: 22/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "GAS OFFLOADING SYSTEM"**

(51) **International classification : B65B 1/04**

(31) **Priority Document No : 60/504,449**
10/923,577

(32) **Priority Date : 19/09/2003**
20/08/2004

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

(86) **International Application No and Filing Date: : PCT/US2004/030052**
15/09/2004

(87) **International Publication No : WO 2005/032942 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: SINGLE BUOY MOORINGS, INC.**

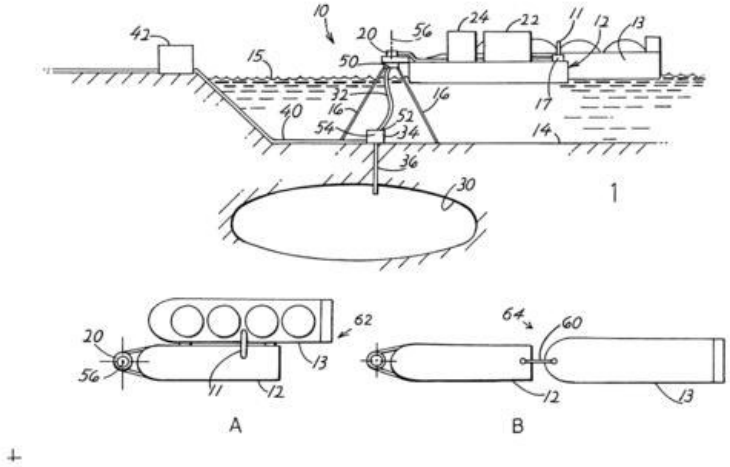
Address of the Applicant:5 ROUTE DE FRIBOURG, P.O.BOX 152, CH- 1723, MARLY, SWITZERLAND

(72) **Name of the Inventor:**
1. POLLACK, JACK
2.WILLE, HEIN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A system (10) is described for offloading LNG (liquefied natural gas) from a tanker (13) for eventual delivery to an onshore gas distribution station (42). The system includes a floating structure (12) that floats at the sea surface and that is connected to the tanker so they weathervane together. The floating structure carries a regas unit (22) that heats the LNG to produce gas, and delivers the gas through a riser (32) to an underground cavern (30) that stores the gas. Gas from the cavern is delivered through a seafloor pipeline (40) to an onshore gas distribution station. The regas unit includes water pumps and other equipment that is powered by electricity. The electricity can be obtained from an electric generator (200) on the floating structure, with surplus electricity delivered through a seafloor electric power line (194) that extends at least partially along the seafloor to an onshore electricity distribution facility (192). The electricity can instead be obtained by delivery from an onshore facility though a seafloor electric power line that extends up to the floating structure and to the regas unit.



(FIG.1ab)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00413/KOLNP/2006** **A**

(22) **Date of filing of Application: 23/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "DISPOSABLE WEARING ARTICLE"**

(51) **International classification** : **A61F 13/62, 13/49, 13/551**

(31) **Priority Document No** : **2003-207944**

(32) **Priority Date** : **19/08/2003**

(33) **Name of priority country** : **JAPAN**

(86) **International Application No and Filing Date:** : **PCT/JP2004/011930 19/08/2004**

(87) **International Publication No** : **WO 2005/016212 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
UNI-CHARM CO., LTD.

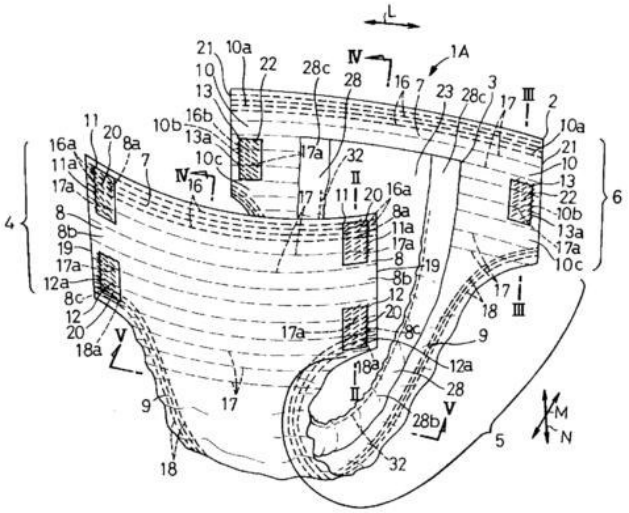
Address of the Applicant:
182 SHIMOBUN, KINSEI-CHO, SHIKOKUCHUO-SHI, EHIME 799-0111 JAPAN

(72) **Name of the Inventor:1. OTSUBO, TOSHIFUMI**
2. SUGITO, TOMOKO

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A foldable disposable wearing article (1A) enabling the elimination of uncomfortableness in use and less requiring labor in disposal, comprising first and second engagement members (11) and (12) installed on side part (8) outer surfaces in a front body peripheral area (4) and arranged apart a specified distance from each other in the vertical direction and third engagement members (13) installed on side part (10) inner surfaces in a rear body peripheral area (6). In the article (1A), the first engagement members (11) are positioned at the side part (8) vertically upper portions (8a) and the second engagement members (12) are positioned at the side part (8) vertically lower portions (8c). The third engagement members (13) are positioned at the side part (10) vertically center portions (10b), and hooks (20) and (22) are formed on the outer surfaces of the first and second engagement members (11) and (12), and the inner surfaces of the third engagement members (13).



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00421/KOLNP/2006** **A**

(22) **Date of filing of Application: 23/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : CARBON BLACK, METHOD FOR THE PRODUCTION OF CARBON BLACK OR OTHER FLAME AEROSOLS, AND DEVICE FOR CARRYING OUT SAID METHOD**

(51) **International classification : C09C 1/52, 1/50, 1/48**

(31) **Priority Document No : 103 40884.3**

(32) **Priority Date : 04/09/2003**

(33) **Name of priority country : GERMANY**

(86) **International Application No and Filing Date: : PCT/EP2004/009439 24/08/2004**

(87) **International Publication No : WO 2005/033217 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: DEGUSSA AG,**

Address of the Applicant:
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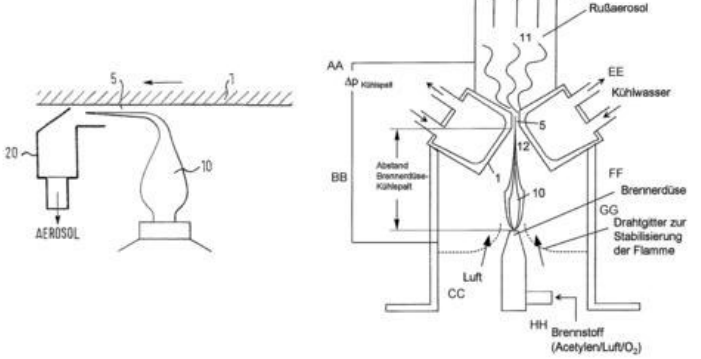
(72) **Name of the Inventor:**

1. **PROF. ULRICH RIEBEL**
2. **DR. MATTHIAS KATZER**
3. **DR. KAI KRAUB**
4. **DR. ALFONS KARL**
5. **DR. JURGEN BEHNISCH**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a method for producing carbon black or other flame aerosols, comprising the following steps: the heat is removed from the flame by dissipation and/or radiation; a thin gas boundary layer is formed; the flow formed by the flame and the gas boundary layer is accelerated or expanded; the obtained aerosol is withdrawn; and the cooling surface is cleaned. The invention further relates to a device for carrying out such a method and a black carbon having a maximum pH value of 6.0, a maximum ignition residue of 0.1 percent, and a maximum 5µm screening refuse of 200 ppm. The inventive black carbon can be used in rubber, plastic, printing inks, inks, inkjet inks, toners, lacquers, dyes, paper, bitumen, concrete, and other construction materials.



AA...ÉCART DE REFROIDISSEMENT
BB...ESPACE ENTRE BUSE DE BRÛLEUR ET ÉCART DE REFROIDISSEMENT
CC...AIR
DD...AÉROSOL NOIR DE CARBONE
EE...EAU DE REFROIDISSEMENT
FF...BUSE DE BRÛLEUR
GG...GRILLAGE POUR STABILISER LA FLAMME
HH...COMBUSTIBLE (ACÉTYLÈNE/AIR)

(FIG.3 & 8)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00440/KOLNP/2006** **A**

(22) **Date of filing of Application: 27/02/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : SYSTEM AND METHOD FOR DYNAMIC NETWORK POLICY MANAGEMENT**

(51) **International classification : G06F**

(31) **Priority Document No : 10/629,331**

(32) **Priority Date : 29/07/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/02125 72 06/07/2004**

(87) **International Publication No : WO 2005/013034 A2**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: ENTERASYS NETWORKS, INC.**

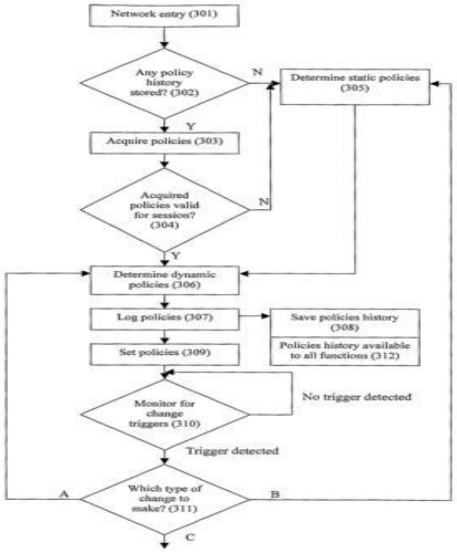
Address of the Applicant: 50 MINUTEMAN ROAD, ANDOVER MA 01810 U.S.A

(72) **Name of the Inventor: I. ROESE, JOHN, J II. GRAHAM, RICHARD, W.**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A system and method that provides dynamic network policy management. The system enables a network administrator to regulate usage of network services upon initiation of and throughout network sessions. The system employs a method of identifying selectable characteristics of attached functions to establish static (305) and dynamic policies (306), which policies may be amended before, during and after any session throughout the network based on the monitored detection of any of a number of specified triggering events or activities (310). Particular policies associated with a particular identified attached function in prior sessions may be cached or saved and employed in subsequent sessions to provide network usage permissions more rapidly in such subsequent sessions. The cached or saved policy information may also be used to identify network usage (308), control, and security. The system and method of the present invention provides static and dynamic policy allocation for network usage provisioning.



(FIG.3)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00504/KOLNP/2006** **A**

(22) **Date of filing of Application: 03/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **METHOD AND DEVICE FOR THE PRODUCTION AND BOTTLING OF LIQUIDS ENRICHED WITH OXYGEN**

(51) **International classification** : **A23L 2/54, B67C 3/06, B01F 3/04**

(31) **Priority Document No** : **10343281.7**

(32) **Priority Date** : **18/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/010407 16/09/2004**

(87) **International Publication No** : **WO 2005/029982 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
1) ADELHOLZENER ALPENQUELLEN GMBH,
2) KRONES AKTIENGESELLSCHAFT

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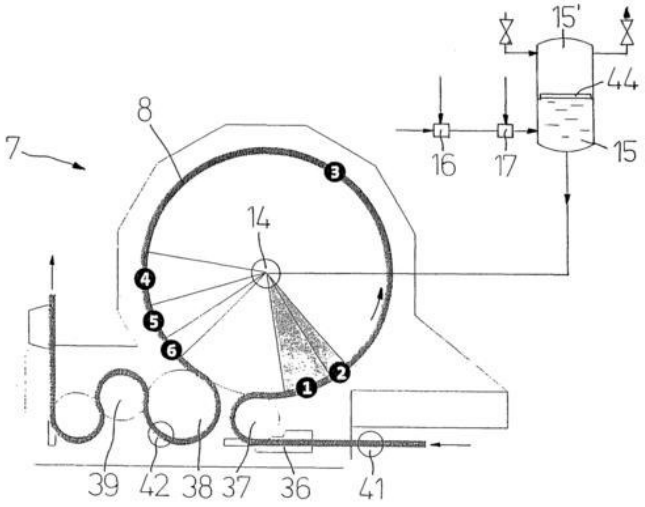
GERMANY BLHMERWALDSTRASSE 5, 93073 NEUTRAUBLING,

(72) **Name of the Inventor:**
1. **STADLMAYR, THOMAS**
2. **ZLEGLER, MANFRED**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a method and to a device (7) for the production and bottling of liquids enriched with oxygen or an oxygen-gas mixture, especially drinks, in containers, especially bottles or cans. The liquid enriched with oxygen and, optionally, other gases, particularly in a dissolved form, is poured into containers which are then closed in a pressure-sealed manner such that the enriched liquid is maintained during the bottling process at least temporally in a nitrogenous atmosphere.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00505/KOLNP/2006 A

(22) Date of filing of Application: 03/03/2006 (43) Publication Date: 25/05/2007

(54) Title of the invention: : ENHANCED ENERGY PRODUCTION SYSTEM

(51) International classification : C25B 1/04, C01B 3/02, 3/10

(31) Priority Document No : 2003904338

(32) Priority Date : 15/08/2003

(33) Name of priority country : AUSTRALIA

(86) International Application No and Filing Date: : PCT/AU2004/001080 12/08/2004

(87) International Publication No : WO 2005/017232 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: PROTEGY LIMITED

Address of the Applicant:
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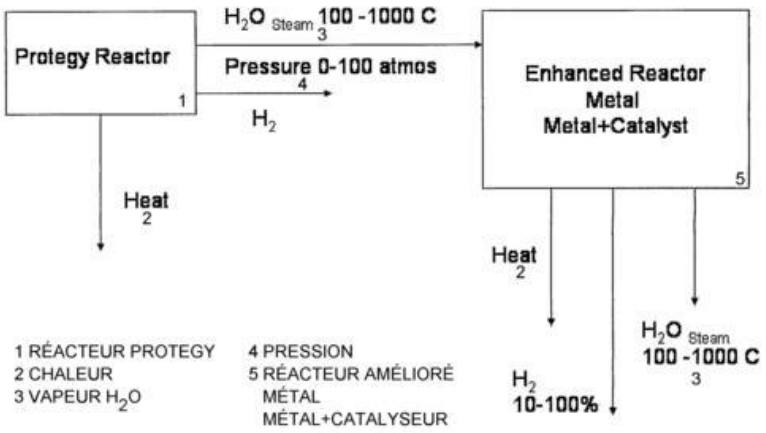
BROADBEACH WATERS QUEENSLAND
4218 AUSTRALIA

(72) Name of the Inventor:
1. MITCHELL, ALLAN
2.WILL,GEOFFREY DAVID

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

An enhanced energy production system having the step of introducing steam at elevated temperature and a positive pressure into an enhanced reactor, wherein a portion of the energy added to the reactor system by the addition of the steam is used by reaction systems in the reactor to increase the number of dissociated H_2O molecules at or near a reactive or catalytic surface.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00507/KOLNP/2006** **A**

(22) **Date of filing of Application: 06/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **PROCESS FOR THE PRODUCTION OF –ALKOXY/HYDROXY-B (P-HYDROXYPHENYL) PROPIONIC ACID DERIVATIVES**

(51) **International classification** : **C07C 67/00**

(31) **Priority Document No** : **10343097.0**

(32) **Priority Date** : **18/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/009621 28/08/2004**

(87) **International Publication No** : **WO 2005/026096 A2**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: DEGUSSA AG,**

Address of the Applicant: BENNIGSENPLATZ 1, DE-404 74 DUSSELDORF, GERMANY

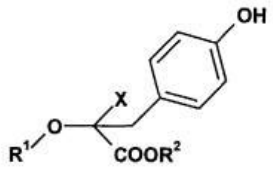
(72) **Name of the Inventor:**

1. **DR.DIETER MOST**
2. **PAVOL JAKUBEC**
3. **DR. KAI ROSSEN**

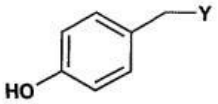
Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

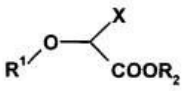
The present invention describes the production of compounds having the general formula (I) starting from compounds having the general formula (II) and (III) The products are intermediates for the production of bioactive substances.



(I)



(II)



(III)

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00521/KOLNP/2006** **A**

(22) **Date of filing of Application: 06/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : PHARMACEUTICAL METERED DOSE INHALER AND METHODS RELATING THERETO**

(51) **International classification : A61M**

(31) **Priority Document No : 60/499,250**

(32) **Priority Date : 29/08/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/027539 25/08/2004**

(87) **International Publication No : WO 2005/023330 A2**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: GLAXO GROUP LIMITED**

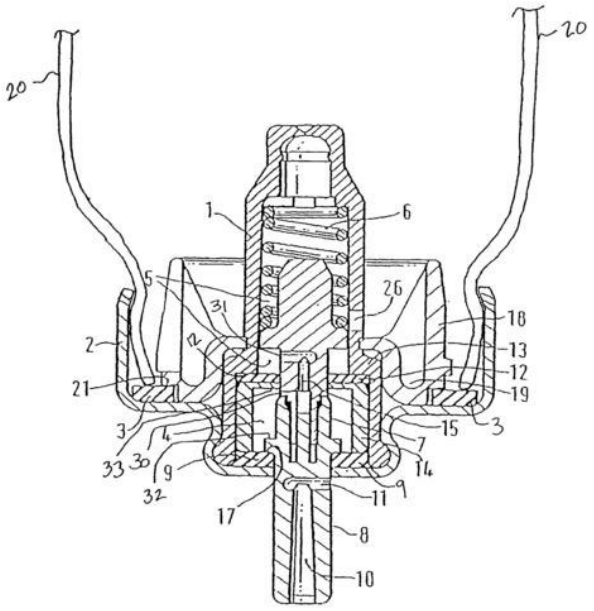
Address of the Applicant:
GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, GREAT BRITAIN

(72) **Name of the Inventor: 1. MILLER, JOHN, FRANCIS**
2. SOMMERVILLE, MARK, LEE
3. SCHULTZ, ROBBERT, DAVID

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Metering valves for use in a metered dose inhaler that include a valve body (1), a first stem seal (9) including a first elastomeric material, a second stem seal (12) including a second elastomeric material different from the first elastomeric material, and a valve stem (7) slidably engaged with at least one of the first stem seal and the second stem seal as well as sealed containers configured to contain an aerosol pharmaceutical formulation that include a container having an opening therein, a cap (402) covering the opening in the container, a metering valve adjacent the cap, and a cap seal (103) positioned between the cap and the container to provide a sealed container where the metering valve include at least one stem seal that includes a first elastomeric material, and the cap seal includes a second elastomeric material different from the first elastomeric material are described.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00561/KOLNP/2006** **A**

(22) **Date of filing of Application: 09/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **METHOD FOR THE PRODUCTION OF ALUMINIUM-CONTAINING HONEY COMB BODIES WITH THE AID OF RADIANT HEATERS**

(51) **International classification** : **B23K 1/00,** 1/005

(31) **Priority Document No** : **103 43 463.1**

(32) **Priority Date** : **19/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/010453 17/09/2004**

(87) **International Publication No** : **WO 2005/030420 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
EMITEC GESELLSCHAFT FUR EMISSIONS-TECHNOLOGIE MBH

Address of the Applicant:
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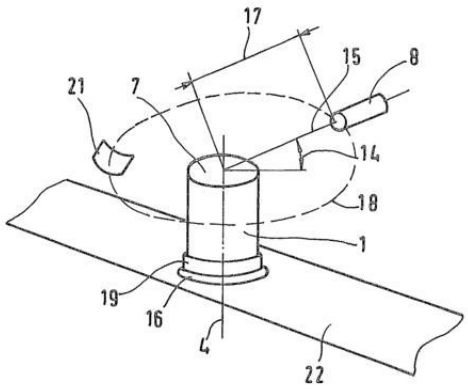
(72) **Name of the Inventor: SCHAPER, SIMONE ROLLE, ARNDT-UDO**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Disclosed is a method for producing aluminum-containing honeycomb bodies (1), comprising the following steps: at least partly structured aluminium-based metal films are selected; at least partly structured metal films (2) are stacked and/or rolled so as to form a honeycomb structure (3) encompassing channels (5); the metal film (2) is heated from the open face (26) of the channels (5) with the aid of at least one radiant heater (8), the honeycomb structure being heated in at least one sub area in such a way that said at least one sub area (9) has a temperature ranging between about 450 °C and about 600 °C after approximately 2 to approximately 30 seconds; the metal films (2) are joined together in the at least one sub area (9) by means of a joining technique.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00577/KOLNP/2006** **A**

(22) **Date of filing of Application: 10/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"COUPLING DEVICE FOR COUPLING ROTATABLE BODIES AND TRANSMISSION SYSTEM INCLUDING A COUPLING DEVICE"**

(51) **International classification** : **F16D 23/08**

(31) **Priority Document No** : **0320703.2**

(32) **Priority Date** : **04/09/2003**

(33) **Name of priority country** : **GREAT BRITAIN**

(86) **International Application No and Filing Date:** : **PCT/GB2004/003794 06/09/2004**

(87) **International Publication No** : **WO 2005/024261 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: ZEROSHIFT LIMITED**

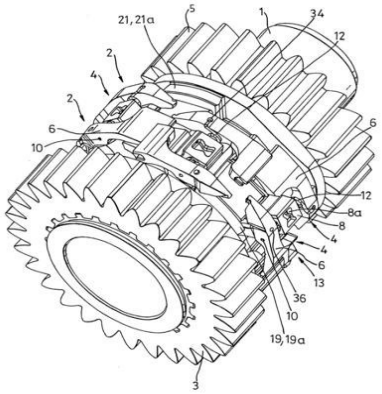
Address of the Applicant:
7 VERMONT PLACE, TONGWELL, MILTON KEYNESD MK15 8JA, GREAT BRITAIN

(72) **Name of the Inventor: MARTIN, WILLIAM WESLEY**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A coupling device including first and second rotatable bodies (1, 3), a plurality of engagement members (27, 28) for selectively coupling the first and second rotatable bodies together to transfer drive between the rotatable bodies, and a guard device (2) for preventing the engagement members from coupling the rotatable bodies in certain predetermined operational conditions that include certain relative rotational positions of the rotatable bodies. The coupling device can be used in transmission systems. For example, such a transmission system can include first and second drive shafts (1, 7), first and second gear sets (15, 17) mounted on the shafts for transferring drive between the shafts, each gear set including a first gear wheel (3, 5) mounted on the first shaft for rotation relative to the first shaft said first gear wheel having a plurality of drive forinations (19, 21), and a second gear (9, 11) mounted on the second shaft for rotation with the second shaft, selector means (13) for selectively transferring drive between the first shaft and either the first or second gear set including a plurality of engagement members (28, 30) for engaging the drive formations, and a guard device (2, 102, 202, 302) for preventing the engagement members from engaging the drive formations in certain predetermined operational conditions that include certain relative rotational positions of the drive formations and the engagement members.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00629/KOLNP/2006** **A**

(22) **Date of filing of Application: 17/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **PROCESS FOR PREPARING ENANTIOMER-ENRICHED ALPHA-HYDROXYCARBOXYLIC ACIDS AND AMIDES**

(51) **International classification** : **C12P 7/42,** 13/00,C12N 1/00

(31) **Priority Document No** : **103 47 888.4**

(32) **Priority Date** : **10/10/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP04/011183 07/10/2004**

(87) **International Publication No** : **WO 2005/040393 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
DEGUSSA AG,

Address of the Applicant:
BENNIGSENPLATZ I 40474 DUSSELDORF GERMANY

(72) **Name of the Inventor: 1.PROF: KARLHEINZ DRAUZ**
2.DR. STEFAN BUCHHOLZ
3.DR. HARALD GROGER

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The present invention describes an enzymatic process for preparing enantiomer-enriched α-hydroxycarboxylic acids and amides which comprise, in one step, the conversion of a carbonyl compound to the corresponding acid/amides via the intermediate stage of a cyanohydrin. The invention also provides a reaction system operating in such a way and a whole-cell catalyst that is advantageous for use for this reaction.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00644/KOLNP/2006** **A**

(22) **Date of filing of Application: 20/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **METHOD AND APPARATUS FOR VOLTAGE MEASUREMENT**

(51) **International classification** : **G01R 15/16, 15/18, 19/25**

(31) **Priority Document No** : **103 46 356.9**

(32) **Priority Date** : **26/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/DE2004/002122 16/09/2004**

(87) **International Publication No** : **WO 2005/031374 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
SIEMENS AKTIENGESELLSCHAFT

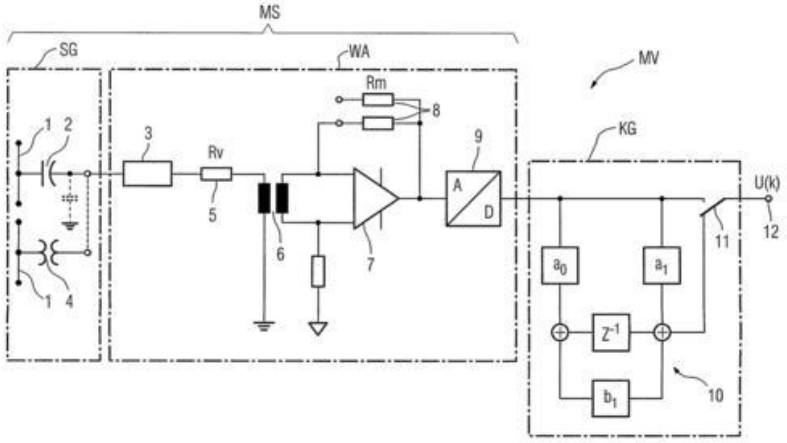
Address of the Applicant:
WITTELSBACHERPLATZ 2,
802333 MUNCHEN, GERMANY

(72) **Name of the Inventor: ANDREAS JURISCH**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a method which is used to measure voltage at a point of a current distribution network by means of a measuring circuit (MS). Said measuring circuit comprises a voltage transmitter (SG) which is coupled to a current-conducting conductor (1) of the network, and a further processing system (WA) which is connected to the voltage transmitter (SG) and which outputs a voltage measuring value as an output signal at the output thereof. According to the invention, the output signal of the measuring circuit (MS) is corrected by means of a correction element (KG) having a transmission function which is inverse to the transmission function of the measuring circuit (MS) in order to obtain precise voltage measuring values which are independent from the type of the selected voltage transmitter (SG). The invention also relates to a measuring device (MV) for carrying out said method.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00652/KOLNP/2006** **A**

(22) **Date of filing of Application: 21/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"COMBINED ENERGY STORAGE AND FUEL GENERATION WITH REVERSIBLE FUEL CELLS"**

(51) **International classification** : **H01M 8/18, 8/04**

(31) **Priority Document No** : **10/653,240**

(32) **Priority Date** : **03/09/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US2004/027347 24/08/2004**

(87) **International Publication No** : **WO 2005/084166 A3**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
ION AMERICA CORPORATION

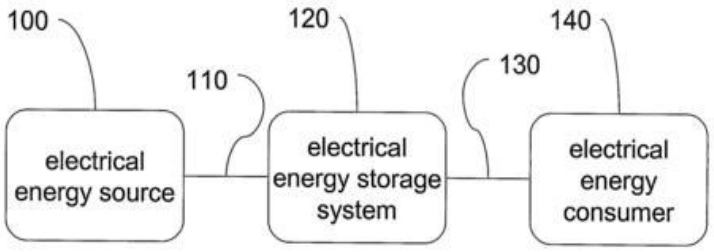
Address of the Applicant: 1252, ORLEANS DRIVE, SUNNYVALE, CALIFORNIA 94089-1137, U.S.A

(72) **Name of the Inventor: 1. SRIDHAR, K.R.**
2. GOTTMANN, MATTHIAS

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

An electrochemical system (120 includes a reversible fuel cell system (190) which generates electrical energy and reactant product from fuel and oxidizer in a fuel cell mode and which generates the fuel and oxidant from the reactant product and the electrical energy in an electrolysis mode. The system (120) also includes a reactant product delivery device (250) which is adapted to supply the reactant product to the reversible fuel cell system (190) operating in the electrolysis mode, in addition to or instead of the reactant product generated by the reversible fuel cell system (190) in the fuel cell mode, and a fuel removal device (240) which is adapted to remove the fuel generated by the reversible fuel cell system (190) operating in the electrolysis mode from the electrochemical system (120).



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00692/KOLNP/2006** **A**

(22) **Date of filing of Application: 23/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention:** : **"SORFC SYSTEM WITH NON-NOBLE METAL ELECTRODE COMPOSITIONS"**

(51) **International classification** : **H02J**

(31) **Priority Document No** : **10/658,275**

(32) **Priority Date** : **10/09/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US2004/029458 10/09/2004**

(87) **International Publication No** : **WO 2005/027298 A2**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
ION AMERICA CORPORATION

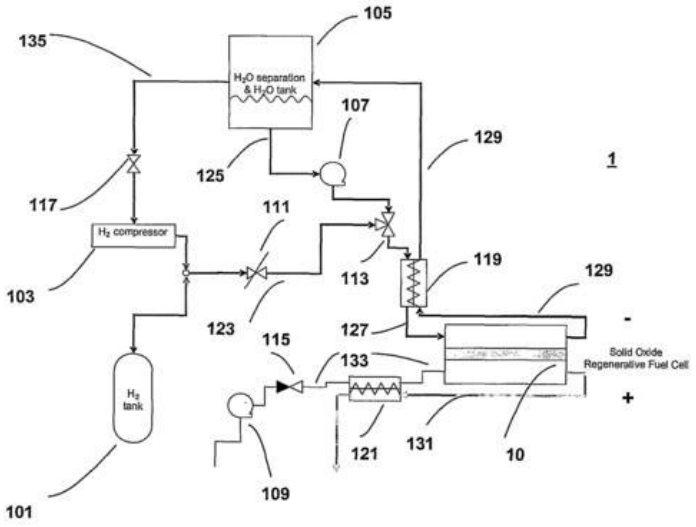
Address of the Applicant:1252, ORLEANS DRIVE, SUNNYVALE, CALIFORNIA 94089-1137, U.S.A

(72) **Name of the Inventor:**
I.HICKEY, DARREN
II. RUSSELL, IAN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A solid oxide regenerative fuel cell (10) includes a ceramic electrolyte (13), a first electrode (11) which is adapted to be positively biased when the fuel cell operates in a fuel cell mode and in an electrolysis mode, and a second electrode (12) which is adapted to be negatively biased when the fuel cell operates in the fuel cell mode and in the electrolysis mode. The second electrode comprises less than 1 mg/cm^2 of noble metal.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 00734/KOLNP/2006 A

(22) Date of filing of Application: 28/03/2006 (43) Publication Date: 25/05/2007

(54) Title of the invention: : "METHOD FOR PROCESSING IRON-LADEN SPENT SULFURIC ACID"

(51) International classification : C01B 17/90, C01G 49/14

(31) Priority Document No : 03022600.5

(32) Priority Date : 06/10/2003

(33) Name of priority country : EP

(86) International Application No and Filing Date: : PCT/EP2004/010992 01/10/2004

(87) International Publication No : WO 2005/040040 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: TRONOX PIGMENTS GMBH

Address of the Applicant:
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(72) Name of the Inventor:
1. AUER, GERHARD
2. KOHLER, BERNDT-ULLRICH
3. LAUBACH, BENNO

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention concerns a method for processing heavy metal-laden spent sulfuric acid. For this, iron-laden spent sulfuric acid or iron-laden sulfuric materials obtained there from are reacted with a material that contains iron chloride and optionally other metal chlorides, producing iron (II) sulfate. The spent sulfuric acid preferably derives from titanium dioxide production.
(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA **(21) Application No.: 00763/KOLNP/2006 A**

(22) Date of filing of Application: 29/03/2006 **(43) Publication Date: 25/05/2007**

(54) Title of the invention: : MINERAL WOOL COMPOSITION

(51)	**International classification**	**:**	**C03C 13/06**
(31)	**Priority Document No**	**:**	**03292463.1 AND** 0400084
(32)	**Priority Date**	**:**	**06/10/2003 AND** 07/01/2004
(33)	**Name of priority country**	**:**	**FRANCE**
(86)	**International Application No and Filing Date:**	**:**	**PCT/FR2004/050480 04/10/2004**
(87)	**International Publication No**	**:**	**WO 2005/033032 A1**
(61)	**Patent of addition to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**
(62)	**Divisional to Application No**	**:**	**NIL**
	Filed on	**:**	**NIL**

(71) Name of Applicant: SAINT-GOBAIN ISOVER

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(72) Name of the Inventor:
1.BERNARD, JEAN-LUE
2. BOCQUET, ERIC

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: The invention relates to a mineral wool which can be dissolved in a physiological medium and which comprises the following constituents according to the following percentages by weight: SiO_2 39-44%, preferably 40-43%, $A1_2O_3$ 16-27%, preferably 16-26%, CaO 6 -20%, preferably 8-18%, MgO 1-5%, preferably 1-4,9%, Na_2O 0-15%, preferably 2-12%, K_2O 0-15%, preferably 2-12%, R_2O (Na_2O + K_2O) 10-14,7%, preferably 10-13.5% P_2O_5 0-3%, i.e.0-2% Fe_2O_3 (total iron) 1,.5-15%, i.e.3,2-8%, B_2O_3 0-2%, preferably 0-1%, TiO_2 0-2%, preferably 0.4-1%.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00776/KOLNP/2006** **A**

(22) **Date of filing of Application: 30/03/2006** (43) **Publication Date: 25/05/2007**

(54) **Title of the invention: : "PLANAR SECURITY ELEMENT"**

(51) **International classification : D21H 21/40**

(31) **Priority Document No : 103- 42 253.6**

(32) **Priority Date : 11/09/2003**

(33) **Name of priority country : GERMANY**

(86) **International Application No and Filing Date: : PCT/EP2004/009970 07/09/2004**

(87) **International Publication No : WO 2005/026440 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
GIESECKE & DEVRIENT GMBH

Address of the Applicant:
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(72) **Name of the Inventor:**
1. **MANG, THOMAS**
2. **BURCHARD, THEDOR**

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a planar security element for a security paper, valuable document or the like, comprising a substrate (20) with two opposite main surfaces. The aim of the invention is to improve the embedding of the security element (12) into a security paper or a valuable document. For this purpose, at least one main surface of the substrate (20) is provided with a spatially structured coating, e.g. a fiber coating (22).

(FIG.2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2006
(21) Application No.1748/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NANOSCALE CRYSTALLINE SILICON POWDER

(51) International classification :C01B 33/18
(31) Priority Document No :10353995.6
(32) Priority Date :19/11/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/012890
Filing Date :13/11/2004
(87) International Publication No :WO 2005/049492
(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)PROF. PAUL ROTH
3)DR. HARMUNT WIGGERS
4)DR. FRANK-MARTIN PETRAT
5)MICHAEL KRAMER

No of Pages : 13
No of Claims : 15

(57) Abstract :
Aggregated crystalline silicon powder with a BET surface area of 20 to 150 m/g. It is prepared by subjecting at least one vaporous or gaseous silane and optionally at least one vaporous or gaseous doping material, an inert gas and hydrogen to heat in a hot wall reactor, cooling the reaction mixture or allowing the reaction mixture to cool and separating the product from gaseous substances in the form of a powder, wherein the proportion of silane is between 0.1 and 90 wt.%, with respect to the sum of silane, doping material, hydrogen and inert gases, and wherein the proportion of hydrogen, with respect to the sum of hydrogen, silane, inert gas and doping material, is in the range 1 mol.% to 96 mol.%. It can be used to produce electronic components.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2006
(21) Application No.1965/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BRANCHED POLYMERIC SUGARS AND NUCLEOTIDES THEREOF

(51) International classification	:A61K 38/19 , C07K 14/535
(31) Priority Document No	:60/539,387
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/002522
Filing Date	:26/01/2005
(87) International Publication No	:WO/2005/072371
(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)NEOSE TECHNOLOGIES INC.
Address of Applicant :102 WITMER ROAD, HORSHAM, PENNSYLVANIA 19044 U.S.A.
(72)**Name of Inventor :**
1)SHAWN DEFREES
2)CARYAN BOWE

No of Pages : 73
No of Claims : 23

(57) Abstract :
The present invention provides sugar;;, nucleotide sugars, activated sugars that include one or more polymeric modifying moiety within their structure. The invention is exemplified by reference to linear and branched polymers, such as the water-soluble polymer poly(ethylene glycol).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2201/KOLNP/2006 A
(43) Publication Date : 25/05/2007

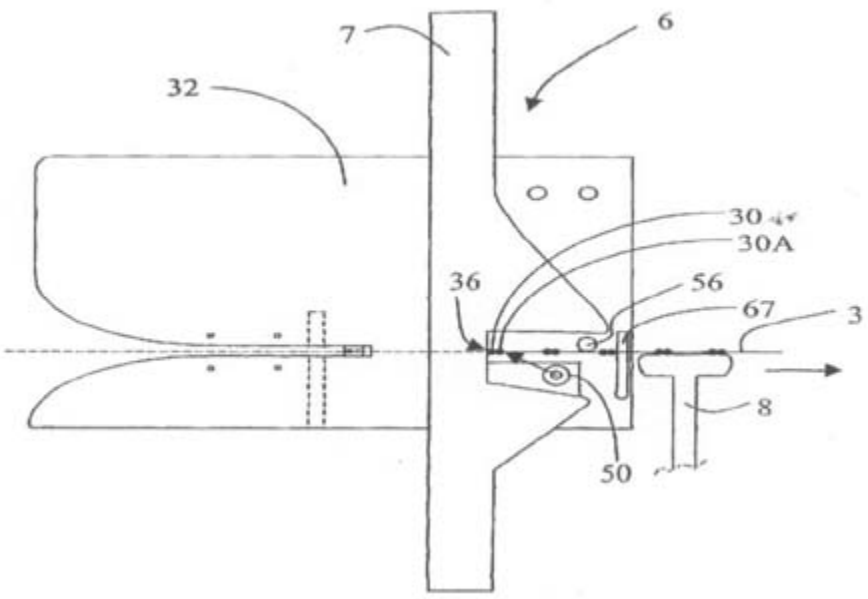
(54) Title of the invention : SELVEDGE FORMING APPARATUS, WEAVING MACHINE WITH A SE3LVEDGE FORMING APPARATUS AND METHOD FOR FORMING A SELVEDGE

(51) International classification :D03D 47/48
(31) Priority Document No :2004/0122
(32) Priority Date :05/03/2004
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2005/002233
Filing Date :03/03/2005
(87) International Publication No :WO2005/095693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PICANOL N.V.
Address of Applicant :TER WAARDE 50 B-8900IEPER Belgium
(72)**Name of Inventor :**
1)GHESQUIERE,MARNIX
2)BAMELIS,JEAN,MARLE

No of Pages : 22
No of Claims : 21

(57) Abstract :
Weaving machine, method and selvedge forming apparatus for introducing into a shed an end (30A) of a weft thread (30) which has been inserted into a shed, the selvedge forming apparatus (4,5,6) being provided with a device (20) for introducing the end of the inserted weft thread into a subsequent shed, wherein the selvedge forming apparatus (4,5,6) comprises a blowing device (50) having at least one blowing opening (51) which, in use, can be positioned at the level of the plane of a selvedge (16,17) of the woven fabric (2,3) with the blowing device (50), in use, blowing essentially toward the beat-up line (36).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006

(21) Application No.2202/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR ACCESS AUTHENTICATION IN WIRELESS MOBILE COMMUNICATION SYSTEM

(51) International classification :A61K 38/18
(31) Priority Document No :200410007550.2
(32) Priority Date :27/02/2004
(33) Name of priority country :China
(86) International Application No :PCT/KR2005/000555
Filing Date :28/02/2005
(87) International Publication No :WO2005/083910 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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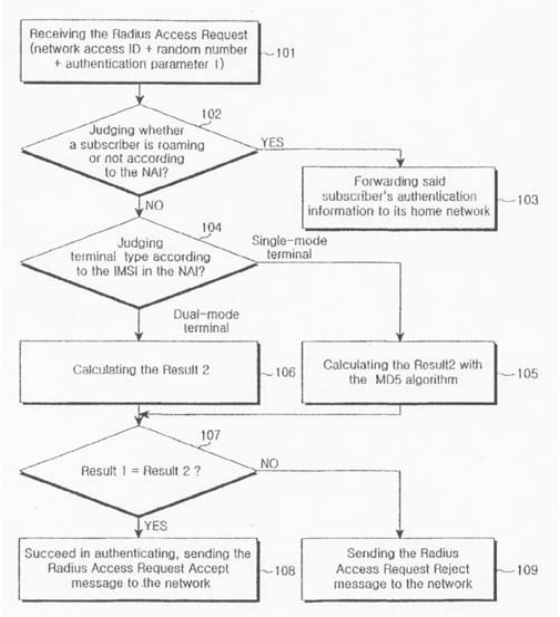
2)Beijing Samsung Telecom R&D Center
(72)**Name of Inventor :**
1)weimin LIU
2)Huajun CAO
3)Guang YANG

No of Pages : 17
No of Claims : 18

(57) Abstract :
A method for Access Authentication in the High Rate Packet Data Network is proposed in the present invention comprising steps of the AN-AAA receiving the Radius Access Request message sent from the HRPD AN; the AN-AAA judging whether a terminal is a roaming one according to the Network Access ID and transmits the roaming terminal's authentication information to the terminal's home network. If said terminal is a local one, the AN-AAA judges the type of the terminal according to the NAI value. If said terminal is a single-mode one, the AN-AAA works out the Result2 with the MD5 algorithm, if said terminal is in dual-mode, the AN-AAA calculates the Result2 with the CAVE algorithm to compare the Result 1 with the Result2.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2203/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COUMARIN DERIVATIVE AND USE THEREOF

(51) International classification :C07D311/06; A61K31/352; A61P9/10; A61P25
(31) Priority Document No :2004-057920
(32) Priority Date :02/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003838
Filing Date :01/03/2005
(87) International Publication No :WO 2005/082879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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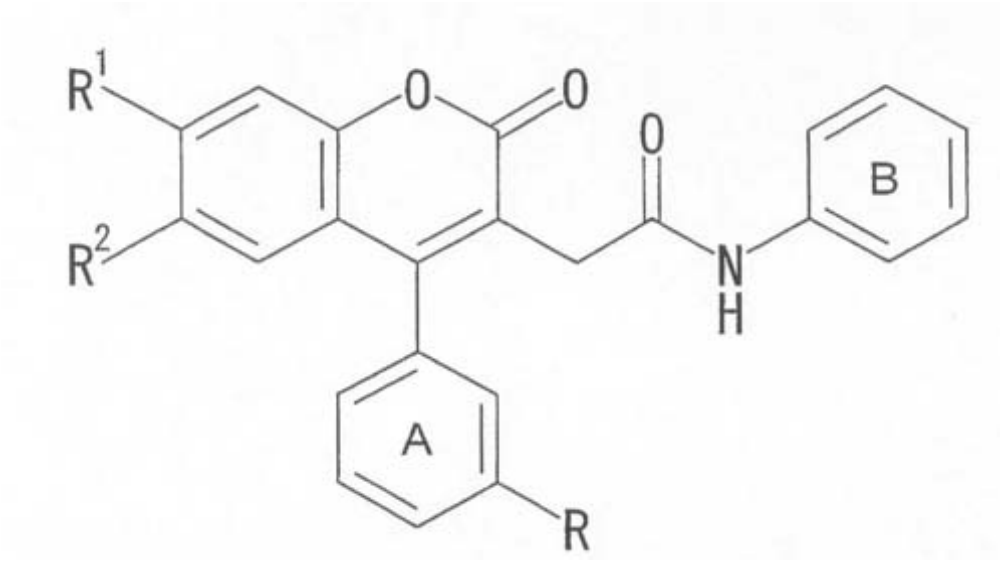
1)SHOGO MARUI
2)MASAKI OGINO
3)HIROYUKI TAWADA
4)OSAMU YABE

No of Pages : 122
No of Claims : 19

(57) Abstract :
The present invention relates to an alkaline earth metal salt or an organic amine salt of a compound represented by the formula [I]: wherein R and R are each a hydrogen atom, a halogen atom, or an optionally substituted linear hydrocarbon group; ring A is an optionally further substituted benzene ring; B is an optionally substituted benzene ring; R is a carboxyl group or a linear hydrocarbon group substituted with a carboxyl group and the like.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2204/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HYBRID CONTACT LENS SYSTEM AND METHOD

(51) International classification	:A61B3/00; A61B3/00;G02C7/04; G02C7/04
(31) Priority Document No	:10/7778,731
(32) Priority Date	:13/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/004368 :11/02/2005
(87) International Publication No	:WO2005/079290
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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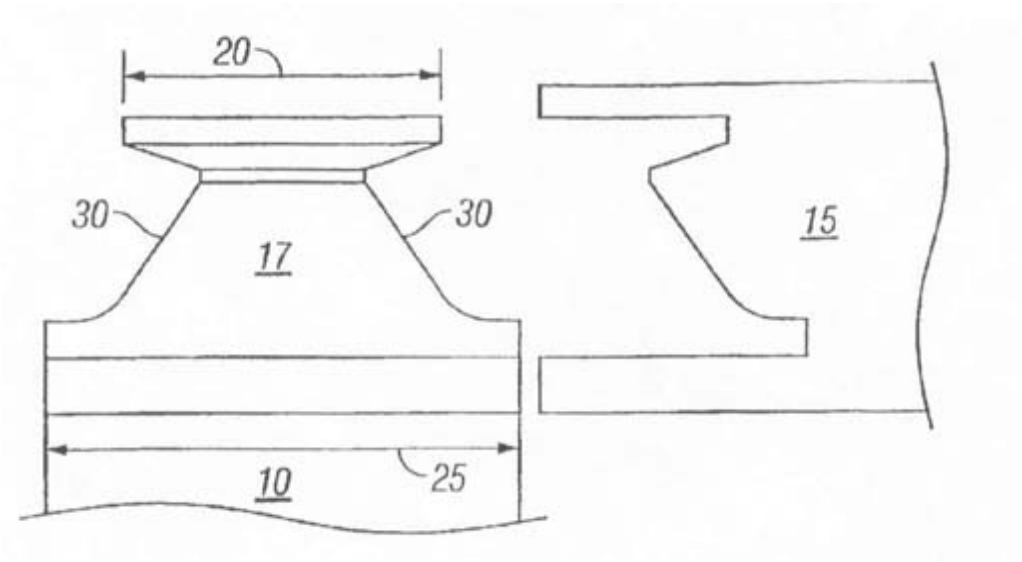
3)COLLINS,JOE
4)LEGERTON,JEROME
5)BENRASCHID,RAMEZAN

No of Pages : 54
No of Claims : 28

(57) Abstract :
A hybrid contact lens comprises a central zone comprising a substantially rigid, gas permeable material having a DK of at least 30 (x10<-11>), a relatively soft peripheral zone and an intermediate zone comprising a film or coating that is created around the central zone, and then cured. The film facilitates chemical bonding between the central zone and the peripheral zone, and also provides a protective barrier to prevent modification of the physical characteristics of the central zone. The film may be created by soaking the central zone in a chemical solution for a predetermined amount of soaking time. Methods of manufacturing such a hybrid contact lens are also provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2205/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PRODUCING 4-NITROIMIDAZOLE COMPOUND

(51) International classification :C07D 233/92
(31) Priority Document No :2004-041381
(32) Priority Date :18/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002668
Filing Date :15/02/2005
(87) International Publication No :WO 2005/077913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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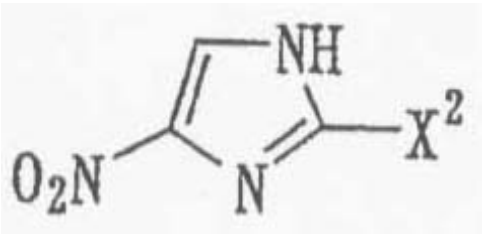
(72)**Name of Inventor :**
1)Koichi SHINHAMA

No of Pages : 87
No of Claims : 9

(57) Abstract :
The present invention provides a method for producing a 4-nitroimidazole compound represented by general formula (1) at high yield and at high purity by a safe method causing few dangers such as explosion. The production method of the present invention comprises iodinating a 4-nitroimidazole compound represented by general formula (2): wherein each of X and X represents a chlorine atom or bromine atom, and then reducing the obtained 5-iodo-4-nitroimidazole compound represented by general formula (3): wherein X is the same as defined above.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006

(21) Application No.2206/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COATING FOR A CUTTING TOOL AND MANUFACTURING METHOD

(51) International classification :C23C 28/00
(31) Priority Document No :102004010285.6
(32) Priority Date :03/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001584
Filing Date :17/02/2005
(87) International Publication No :WO2005/085499 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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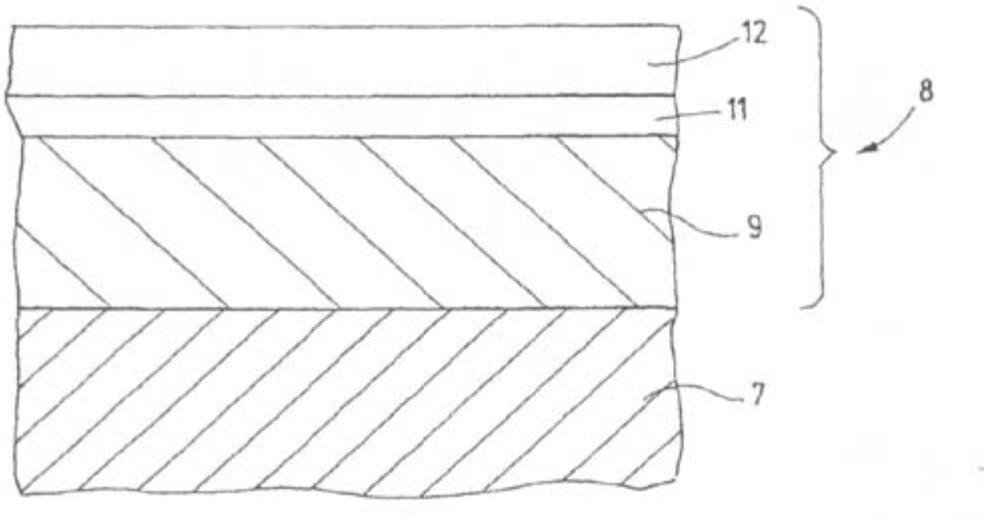
(72)**Name of Inventor :**
1)SCHIER,Veit

No of Pages : 16
No of Claims : 23

(57) Abstract :
A coating, particularly for cutting tools, is presented which may be manufactured in a single PVD coating process allowing the making of two-color cutting tools in a simple manner. Between two metallic hard material layers of unlike color a separating layer 11 is provided which, like the other layers, is produced in the same PVD coating process. The separating layer (11) permits the abrasion of the top layer by sandblasting, brushing or the like in very short abrading periods.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2207/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR USE OF MEMORY DEVICES FOR AUDIO

(51) International classification	:G06F13/00, G06F13/10
(31) Priority Document No	:10/763,622
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2005/000010
Filing Date	:17/01/2005
(87) International Publication No	:WO2005/071555 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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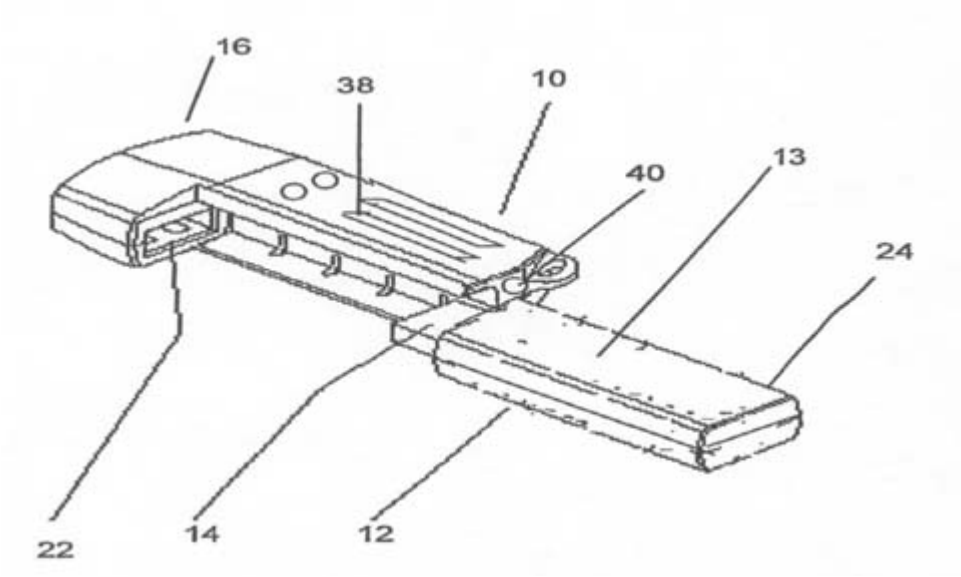
(72)**Name of Inventor :**
1)LIAN,Yam Fei
2)LIM,Chin Fang

No of Pages : 17
No of Claims : 13

(57) Abstract :
Apparatus for enabling a portable electronic memory module to be able to be used to replay audio when the portable electronic memory module is operatively attached to the apparatus, the apparatus comprising; a port for operatively connecting with an interface connector of the memory module for transfer of audio signals between the memory module and the apparatus, and power from the apparatus to the memory module; a controller for controlling the audio signals, the controller comprising a host controller, an interface controller for controlling the interface and a buffer memory for receiving the audio signals from the portable electronic memory module; an audio amplifier; a source of power; and a connector for output of audio; and a processor for controlling and supplying data to a display on the apparatus, and for controlling output of audio signals. A method is also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2208/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMAGE FORMING APPARATUS LUBRICANT APPLYING DEVICE TRANSFER DEVICE, PROCESS CARTRIDGE, AND TONER

(51) International classification	:G03G21/00 ,G03G15/16
(31) Priority Document No	:2004-358884
(32) Priority Date	:10/12/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/022731
Filing Date	:06/12/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)SUDA, TAKEO
3)KAWAHARA, SHINICHI
4)FUJISHIRO, TAKATSUGU
5)OJIMI, TOKUYA
6)TABUCHI, TAKESHI
7)YANAGIDA, MASATO
8)MIZUISHI, HARUJI
9)KASUGA, TERUYUKI
10)HARADA, HIROOMI
11)TANAKA, SHUJI
12)TAWADA, TAKAAKI
13)ONO, HIROSHI
14)AMEMIYA, KEN
15)KOIKE, TOSHIO
16)ARAI, YUJI
17)KAWASUMI, MASANORI
18)YONEDA, TAKUZI
19)TOMITA, MASAMI
20)TAKAHASHI, YUTAKA
21)HATTORI, YOSHIO
22)YOSHIDA, KEIICHI

No of Pages : 133
No of Claims : 71

(57) Abstract :
In an image forming apparatus, an "area applied with a lubricant", i.e., an area of a lubricant layer having a uniform thickness is obtained by spreading the lubricant by a lubricant smoothing blade. The "area applied with a lubricant" covers an "area cleaned by a cleaning blade", i.e., a contact portion of the cleaning blade with a photoconductor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2209/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TREATED BOTTOM ASH MEDIUM AND METHOD OF ARSENIC REMOVAL FROM DRINKING WATER

(51) International classification :B01J 20/06
(31) Priority Document No :60/550,688
(32) Priority Date :04/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005900
Filing Date :25/02/2005
(87) International Publication No :WO 2005/092492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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(72)**Name of Inventor :**
1)GADGIL ASHOK

No of Pages : 16
No of Claims : 21

(57) Abstract :
A method for low-cost arsenic removal from drinking water using chemically prepared bottom ash pre-treated with ferrous sulfate and then sodium hydroxide. Deposits on the surface of particles of bottom ash form of activated iron adsorbent with a high affinity for arsenic. In laboratory tests, a miniscule 5 grains of pre-treated bottom ash was sufficient to remove the arsenic from 2 liters of 2400 ppb (parts per billion) arsenic-laden water to a level below 50 ppb (the present United States Environmental Protection Agency limit). By increasing the amount of pretreated bottom ash, even lower levels of post-treatment arsenic are expected. It is further expected that this invention supplies a very low-cost solution to arsenic poisoning for large population segments.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2210/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "TEST STRIP COMPOSITION AND METHOD TO MEASURE CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS"

(51) International classification	:C12Q 1/60,G01N 33/92
(31) Priority Document No	:60/541,681
(32) Priority Date	:03/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003234
Filing Date	:03/02/2005
(87) International Publication No	:WO 2005/074609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)POLYMER TECHNOLOGY SYSTEMS, INC
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(72)**Name of Inventor :**
1)LAWRENCE GREGORY M
2)PASQUA JOHN

No of Pages : 48
No of Claims : 32

(57) Abstract :
Cholesterol from Low Density Lipoproteins (LDL-C) is measured directly with a test strip at room temperature using a reagent that takes advantage of the varying surface charge density on LDLs and non-LDLs to selectively make LDLC available for testing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006

(21) Application No.2211/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING VARIOUS DATA AND RECORDING AND REPRODUCING METHODS AND APPARATUSES"

(51) International classification	:G11B20/10; G06F17/21; G11B20/12
(31) Priority Document No	:60/542,850
(32) Priority Date	:10/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2004/002935 :12/11/2004
(87) International Publication No	:WO 2005/074394
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisionalto Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC
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(72)**Name of Inventor :**
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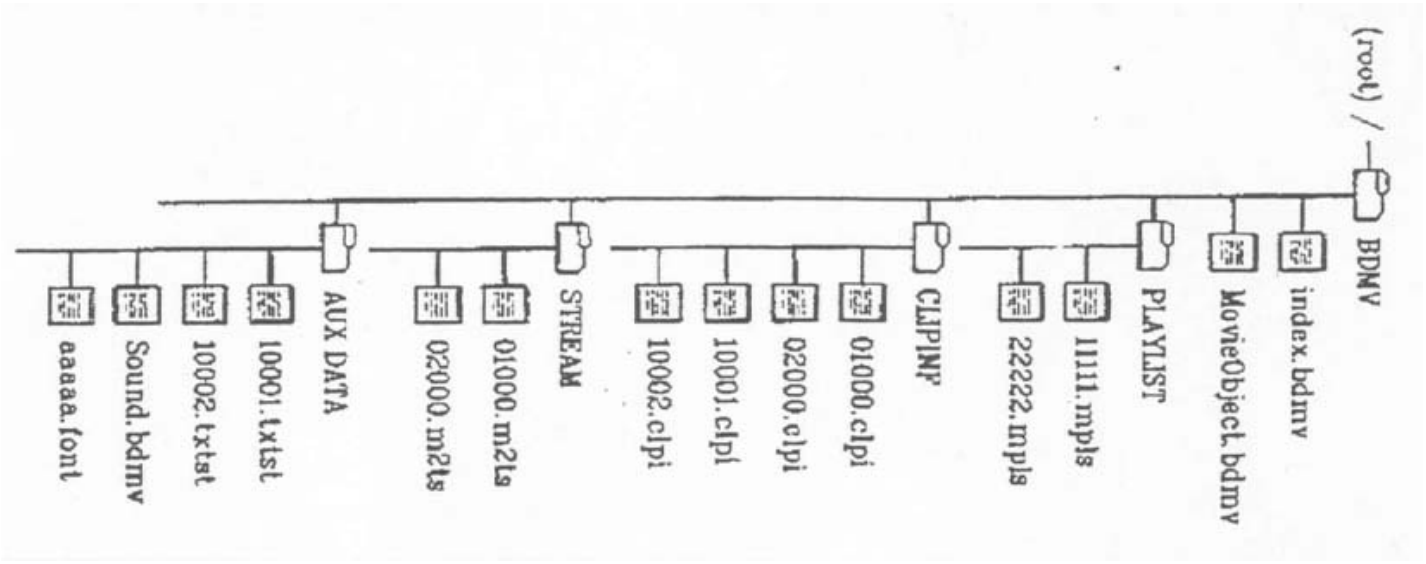
2)KIM BYUNG JIN
3)YOO JEO YONG

No of Pages : 58
No of Claims : 28

(57) Abstract :
In the data structure for managing reproduction of various data streams, a playlist includes at least one playitem and at least one subpath. The playitem includes management information for managing reproduction of main data recorded on the recording medium, and the subpath includes at least one subplayiiem. The subplayitem includes management information for managing reproduction of supplemental data recorded on the recbrding medium, and the subplayitem includes a synchronization data field for providing synchronizing information to synchronize reproduction of the supplemental data with reproduction of the main data. Also, the subpath includes a type indicator that indicates the type of the supplemental data managed by the subpath and signifies whether the synchronizing information is valid.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2212/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUEL CELL POWER AND MANAGEMENT SYSTEM, AND TECHNIQUE FOR CONTROLLING AND / OR OPERATING SAME.

(51) International classification	:H02J 7/04 ;H01M 8/00
(31) Priority Document No	:60/538,646
(32) Priority Date	:22/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001322
Filing Date	:10/01/2005
(87) International Publication No	:WO/2005/069882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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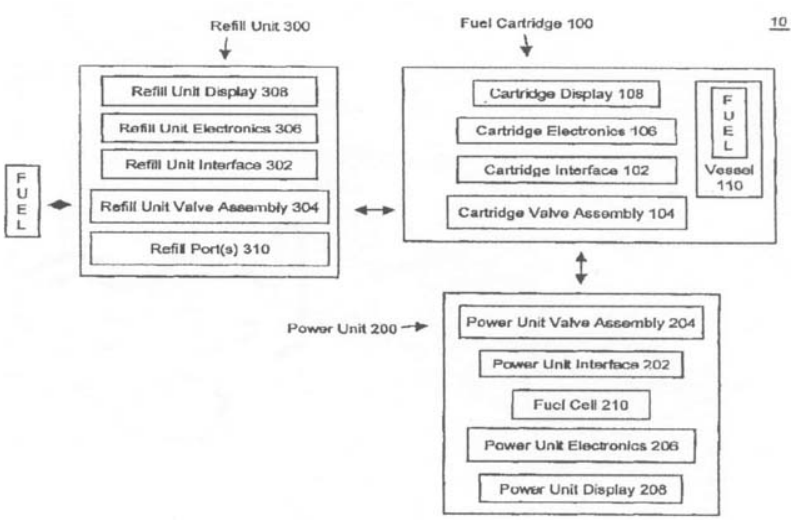
2)GETCHEL ,PAUL
3)MACGREGOR,DUNCAN D.
4)MACREGOR,SINCLAIR D.
5)PEARSON,KENNETH E.

No of Pages : 94
No of Claims : 48

(57) Abstract :
There arc many inventions described and illustrated herein. In one aspect, the present invention is directed to a portable fuel cell power and management system (for example, hydrogen and/or methanol based systems), components and/or elements thereof, as well as techniques for controlling and/or operating such systems. The fuel cell power management system (and method of controlling and/or operating same) actively monitors, manages and/or controls one or more operating parameters) of the fuel cell system. For example, the system monitors, manages and/or controls the consumption and/or the rate of consumption of fuel by the system, and in response thereto, may provide and/or alert the user to amount of fuel remaining, consumed, the rate of consumption and/or the lime (or estimation thereof) remaining until all of the fuel is spent. In this way, user may schedule or plan accordingly.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2213/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RECORDING MEDIUM HAVING A DATA STRUCTURE FOR BACKING UP MANAGEMENT FILES AND RECORDING AND REPRODUCING METHODS AND APPARATUSES"

(51) International classification :H04N 5/90
(31) Priority Document No :10-2004-0009034
(32) Priority Date :11/02/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002934
Filing Date :12/11/2004
(87) International Publication No :WO2005/076754 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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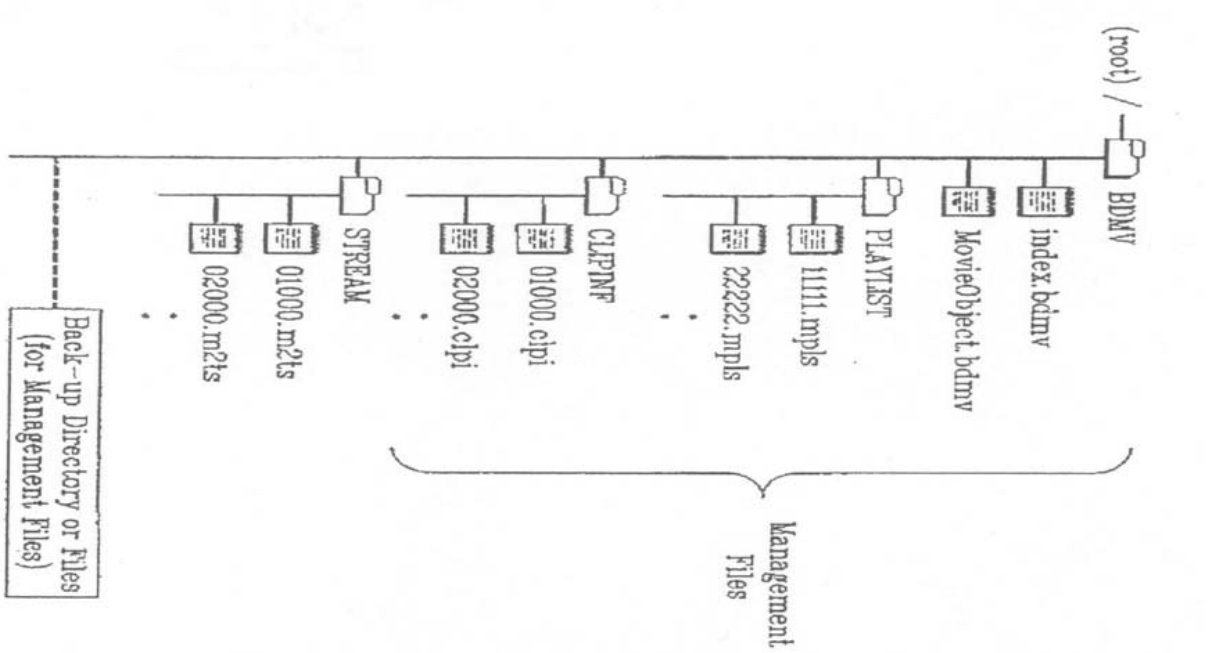
2)KIM BYUNG JIM
3)PARK SUNG WAN

No of Pages : 46
No of Claims : 26

(57) Abstract :
In the data structure for backing up management files, management files that manage reproduction of data from the recording medium are stored in a recording area as is a back-up directory. The back-up directory includes a copy of each management file as a respective back-up file.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2214/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MOLECULAR ELECTRONIC DEVICE FABRICATION METHODS AND STRUCTURES"

(51) International classification :H01L51/40,H01L27/32
(31) Priority Document No :0402559.9
(32) Priority Date :05/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000429
Filing Date :07/02/2005
(87) International Publication No :WO 2005/076386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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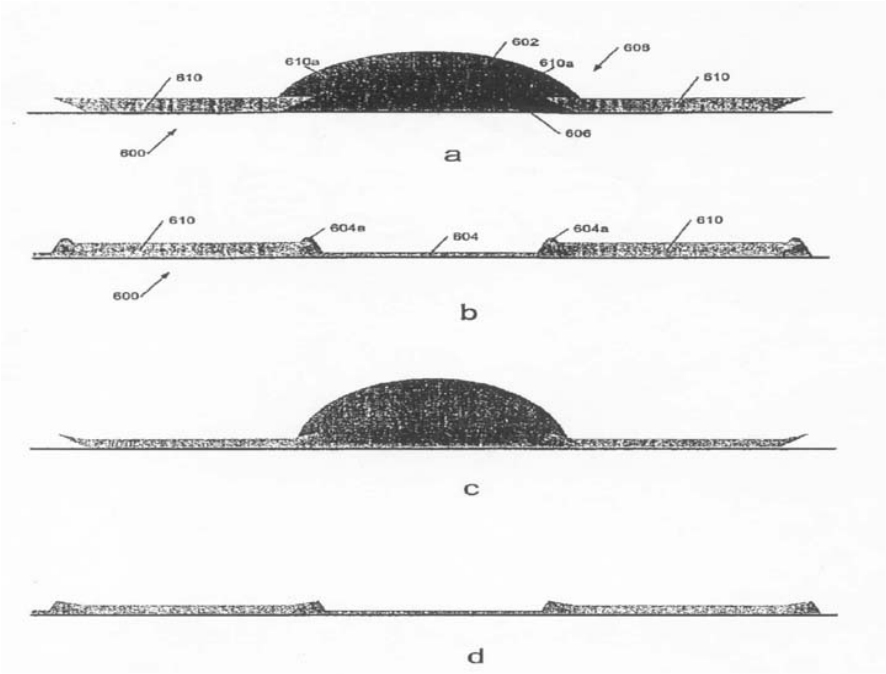
2)GREGORY,HAYDN
3)CACHEIRO,MARTIN

No of Pages : 26
No of Claims : 23

(57) Abstract :
This invention generally relates to improved methods of fabricating molecular electronic devices, in particular organic electronic devices such as organic light emitting diodes (OLEDs) by droplet deposition techniques such as ink jet printing. The invention also relates to molecular device substrates fabricated by and/or use in such methods. A method of fabricating a molecular electronic device, the method comprising: fabricating a substrate having a plurality of banks defining wells for the deposition of molecular material; and depositing molecular electronic material into said wells, dissolved in a solvent, using a droplet deposition technique, to fabricate said device; wherein a said bank has a face, defining an edge of said well, at an angle to a base of the well of greater than a contact angle of said solvent with said bank face;: and wherein a height of a said bank above a said base of a said well is less than 2Âµm, and more preferably less than 1.5Âµm.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2215/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR TARGETED IN VITRO AND IN VIVO DRUG DELIVERY TO MAMMALIAN CELLS VIA BACTERIALLY DERIVED INTACT MINICELLS"

(51) International classification	:A61K47/00; A61K47/00;
(31) Priority Document No	:60/540,590
(32) Priority Date	:02/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/000204
Filing Date	:27/01/2005
(87) International Publication No	:WO 2005/079854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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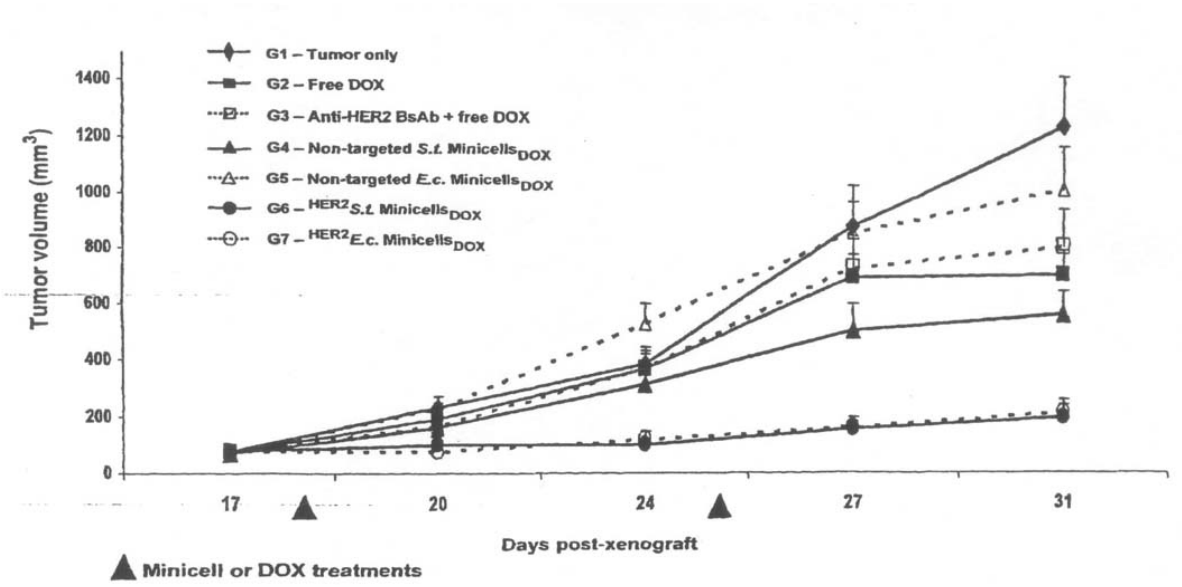
No of Pages : 66
No of Claims : 38

(57) Abstract :
A composition comprising intact minicells that contain a drug molecule is useful for targeted drug delivery. One targeted drug delivery method employs bispecific ligands, comprising a first arm that carries specificity for a bacterially derived minicell surface structure and a second arm that carries specificity for a mammalian cell surface receptor, to target drug-loaded minicells to specific mammalian cells and to cause endocytosis of the minicells by the mammalian cells. Another drug delivery method exploits the natural ability of phagocytic mammalian cells to engulf minicells without the use of bispecific ligands.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2006
(21) Application No.2216/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR DYNAMIC BACKHAUL RESOURCE MANAGEMENT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04J 3/00,H04L 12/26
(31) Priority Document No	:10/798,926
(32) Priority Date	:11/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005480
Filing Date	:22/02/2005
(87) International Publication No	:WO 2005/094003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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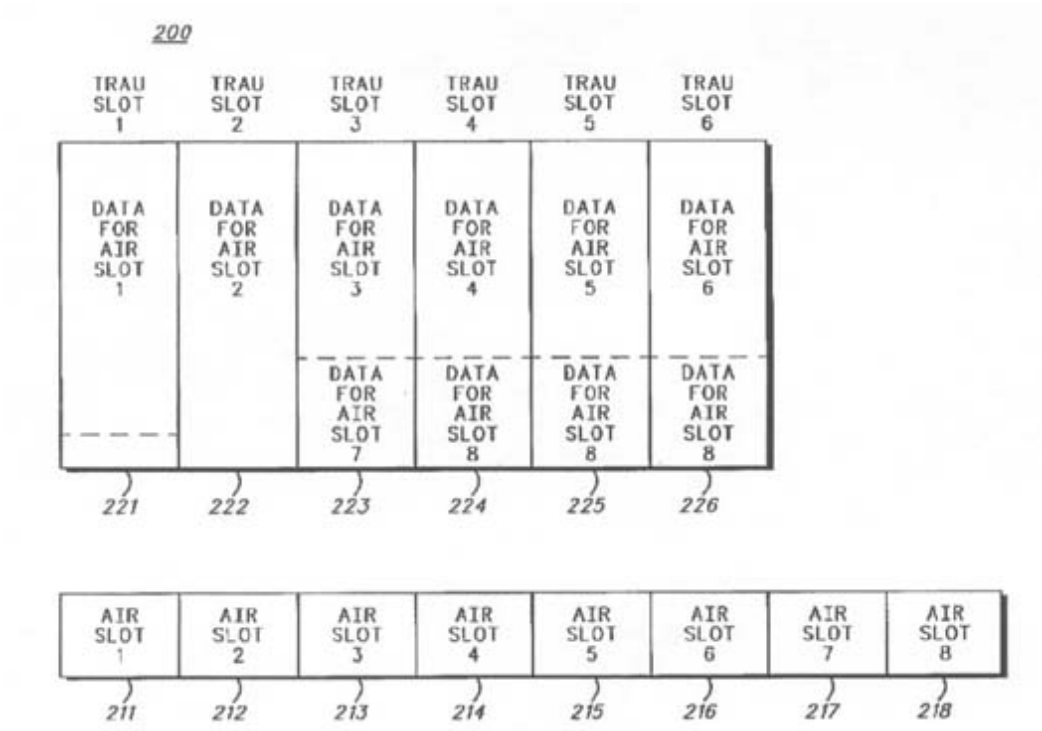
2)BLACK JYOTI N.

No of Pages : 18
No of Claims : 14

(57) Abstract :
Various embodiments are described to address the need to lower backhaul costs for EGPRS operators while maintaining the low and constant delay characteristics they require. 20 msec TRAU frames (221-226) are still used for backhaul to maintain the low and constant delay. However, to eliminate the restriction of mapping TRAU timeslots to air timeslots (211-218) one-to-one, the TRAU slots are collectively treated as a one large 20 msec TRAU frame for a group of air timeslots. The data for the air timeslots can be packed efficiently into this giant TRAU frame, ignoring backhaul timeslot boundaries. In this way, the appropriate amount of backhaul for the carrier can be allocated and the data for the air interface timeslots more efficiently packed into the backhaul.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2217/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "WIRELESS MULTIMODE COMMUNICATION DEVICE USING A SINGLE CLOCK SIGNAL AND METHOD OF OPERATING THE SAME"

(51) International classification :H04Q 7/32
(31) Priority Document No :0404194.3
(32) Priority Date :25/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000500
Filing Date :10/02/2005
(87) International Publication No :WO 2005/084050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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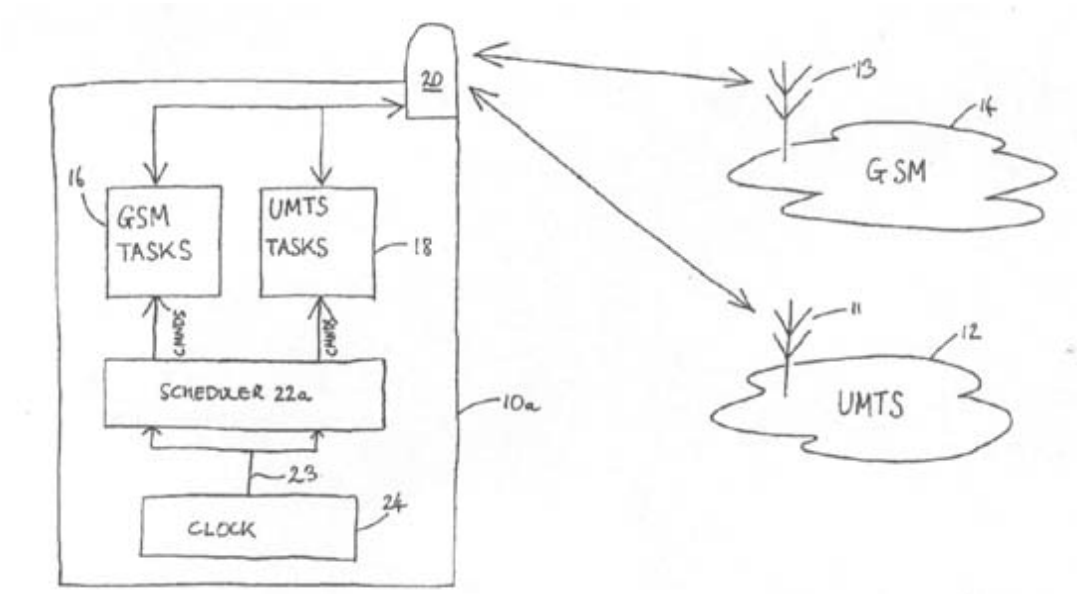
(72)**Name of Inventor :**
1)HERCZOG, Eugene Pascal
2)PATON, Nigel, Gow

No of Pages : 7
No of Claims : 5

(57) Abstract :
A wireless communications network participant comprising: a plurality of communications subsystems, each subsystem being arranged to transmit and/or receive signals under a different telecommunications standard; means for generating a clock signal; and scheduling means for sending commands to at least one of the subsystems for its or their operation, the scheduling means deducing the timing of the commands relative to the clock signal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2218/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MODULATION OF LINE-1 REVERSE TRANSCRIPTASE".

(51) International classification :A01N 61/00
(31) Priority Document No :10/758,329
(32) Priority Date :15/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001319
Filing Date :18/01/2005
(87) International Publication No :WO 2005/069880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)BERTRAM, JOHN, S.

No of Pages : 49
No of Claims : 22

(57) Abstract :
A reverse transcriptase encoded by L-1 (LINE-1) has been identified as a target molecule for treating or preventing cancers induced or mediated by this molecule. Method of treating or preventing such cancers in patients involves administration of a therapeutically effective amount of a composition having an inhibitor or antagonist of the reverse transcriptase in cells of the patients. The inhibitor or antagonist blocks lengthening of telomeres in telomerase negative cells. Methods and kits for detecting pathologically proliferating cells expressing L1RT are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2219/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR EXPRESSION PROTEOMICS BASED ON ISOTOPE RATIO MODIFICATION.

(51) International classification	:A61B 5/055;A61K 51/0
(31) Priority Document No	:60/536,766
(32) Priority Date	:15/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001393
Filing Date	:13/01/2005
(87) International Publication No	:WO 2005/069891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)AGUS DAVID B
3)KATZ JONATHAN

No of Pages : 25
No of Claims : 23

(57) Abstract :
The present invention relates to modification of isotope ratios in peptides and polypeptides as an alternative to full isotopic exchange for coding in proteomics. Subtle modification of isotope ratio does not compromise protein identification experiments and can thus provide elemental composition data for accurate isotope ratio decoding. Application of subtle modification of isotope ratio proteomics (SMIRP) offers a convenient approach to in vivo isotope coding.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2220/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING A QUANTIZER STEP SIZE.

(51) International classification :G10L 19/02
(31) Priority Document No :102004009955.3
(32) Priority Date :01/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001652
Filing Date :17/02/2005
(87) International Publication No :WO 2005/083681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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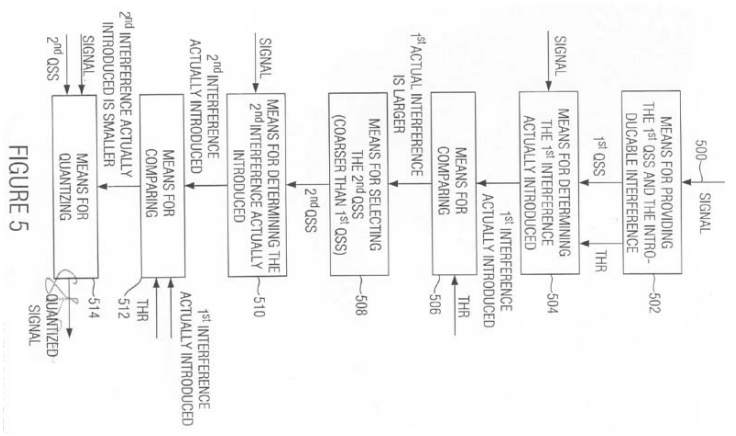
2)SCHUG,MICHAEL
3)TEICHMANN,BODO
4)RETTELBACH,NIKOLAUS

No of Pages : 33
No of Claims : 10

(57) Abstract :
For determining a quantizer step size for quantizing a signal comprising audio or video information, a first quantizer step size as well as an interference threshold are provided (502). Then, the actual interference introduced by the first quantizer step size is determined (504) and compared with the interference threshold (506). Despite the fact that the comparison reveals that the actually introduced interference exceeds the threshold, a second, coarser quantizer step size is nevertheless used (508), which will then be used for quantization (514) if it turns out that the interference introduced by the coarser, second quantizer step size falls below the threshold or falls below the interference introduced by the first quantizer step size (512). Thus, the quantization interference is reduced while the quantization is coarsened and, thus, the compression gain is increased.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2221/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DETERMINATION OF HEPATITIS C VIRUS GENOTYPE.

(51) International classification :C12Q 1/68
(31) Priority Document No :60/534,618
(32) Priority Date :07/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000452
Filing Date :07/01/2005
(87) International Publication No :WO2005/067643 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)Law,SCOTT
3)Hill,BJORK

No of Pages : 52
No of Claims : 21

(57) Abstract :
The present invention provides compositions and methods for the detection and characterization of HCV sequences. More particularly, the present invention provides compositions, methods and kits for using invasive cleavage structure assays (e.g. the INVADER assay) to screen nucleic acid samples, e.g., from patients, to determine HCV genotype

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2222/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR COMPARTMENTAL REPLACEMENT IN A KNEE.

(51) International classification :A61F2/38; A61F2/38
(31) Priority Document No :60/535,967
(32) Priority Date :12/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCD/US2005/001111
Filing Date :12/01/2005
(87) International Publication No :WO 2005/067521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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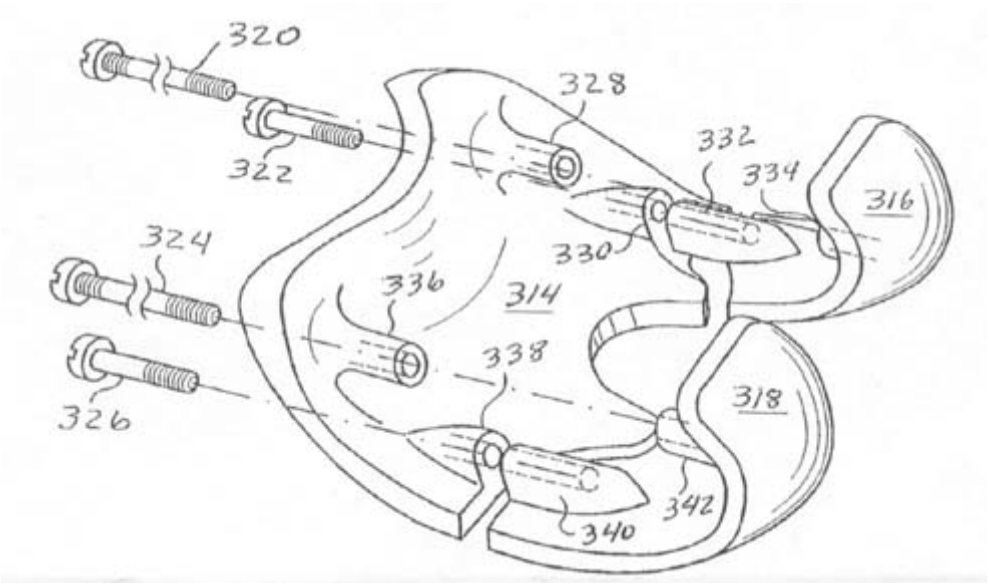
2)AUGER,DAN
3)HAYDEN,ADAM
4)LEE,JORDAN

No of Pages : 62
No of Claims : 6

(57) Abstract :
A knee replacement system provides a knee implant that may be used to more accurately replicate the diameter of natural knee. In one embodiment, a patellofemoral component is connected to the poster or portion of a condylar component by screws that pass through the femur allowing the patellofemoral component and the condylar component to be torqued against opposing sides of the femur. Two additional screws are used to connect the patellofemoral component town anterior portion of the condylar component. A gap may be left between the patellofemoral component and the anterior portion of the condylar component if needed to provide precise replication of the diameter of the natural knee from the patellofemoral component to the condylar component.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2223/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : REACTOR WITH A HEAT EXCHANGER AREA COMPRISING AN INSERT.

(51) International classification :B01J 19/00
(31) Priority Document No :102004005863.6
(32) Priority Date :05/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001116
Filing Date :04/02/2005
(87) International Publication No :WO 2005/075064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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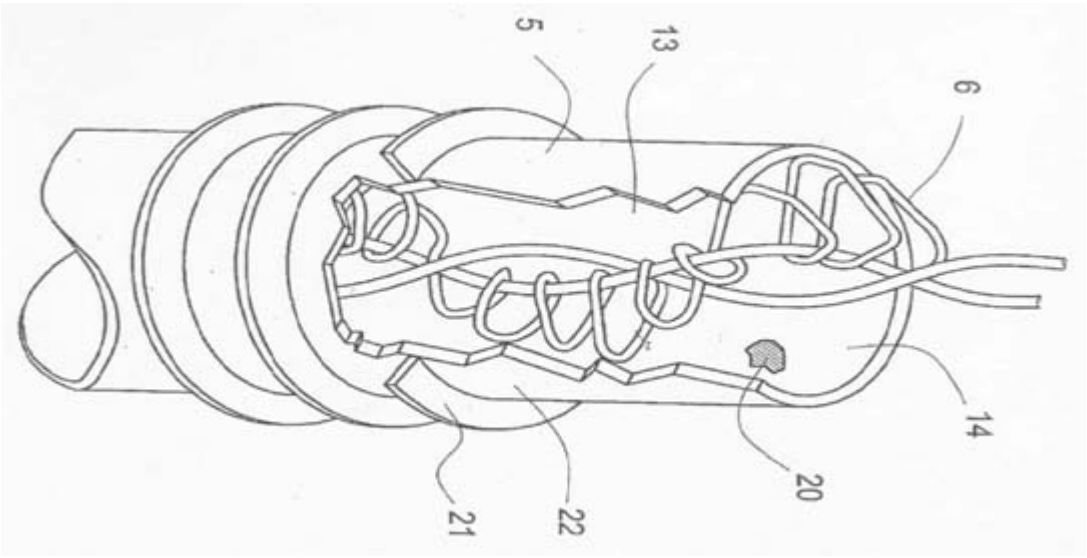
2)BALDUF, TORSTEN
3)THONG YU-CHIANG, DENNIS
4)LEISTNER, JORG
5)NORDHOFF, STEFAN
6)FRICKE, MICHAEL, BERND
7)BECKER, OLIVER
8)BALDUF, TORSTEN

No of Pages : 38
No of Claims : 31

(57) Abstract :
The invention relates to a reactor at least comprising, connected wiyh each other in fluid-conducting fashion:a reaction area, whereby the reaction area comprises at least one solid state catalyst;a coolable heat exchanger area, whereby the heat exchanger area comprises at least one housing, whereby the housing accommodates at least partially an insert, whereby the insert comprises a plurality of elements, a process for oxidation of a hydrocarbon using the reactor, an oxidised hydrocarbon product obtainable by this process, chemical products, such as threads, sheets, formed bodies and the like based on this oxidised hydrocarbon product as well as the use of this oxidised hydrocarbon product in chemical products of this type.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2224/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DUAL CARTRIDGE AIR DRYER WITH OIL SEPARATOR AND READILY CHANGEABLE VALVES.

(51) International classification	:B01D 53/02
(31) Priority Document No	:10/788,872
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003661
Filing Date	:08/02/2005
(87) International Publication No	:WO 2005/091783
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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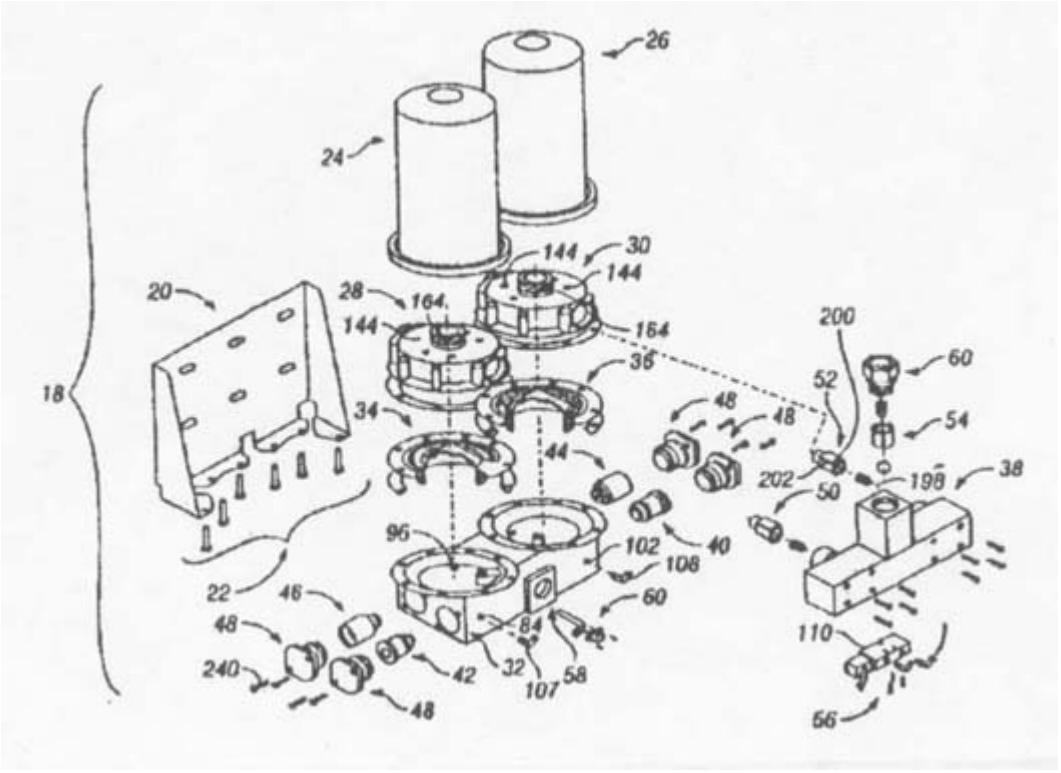
1)SALZMAN,MONTE
2)MAHONEY,THOMAS,J.

No of Pages : 19
No of Claims : 19

(57) Abstract :
An air dryer system including two substantially identical canister-type air dryer units. Each includes, in one mode, a first moist air inlet, a first desiccant for drying air, a first dry air outlet, and first means for supplying] dry air to a storage facility. The system also including, in the same mode, a first bleed valve supplying a small portion of said dry air to regenerate a second desiccant, and a first moist air purge valve for dumping moisture collected during regeneration. The system is also operable in an opposite mode and having a second moist air inlet, a second desiccant, a second dry air outlet and a second means for supplying air to a storage facility. A second bleed valve supplies a small portion of dry air to regenerate the first desiccant, and purges air through a second moist air valve. Located between the moist air inlets and said desiccants are a pair of air-oil separators. Upwardly directed air flows through a housing, striking a deflector plate, and escapes beneath a vertically extending fence and through vents containing a filter medium.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2225/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUNCTIONALIZED COLLOIDAL METAL COMPOSITIONS AND METHODS.

(51) International classification :B22F 1/00
(31) Priority Document No :60/540,075
(32) Priority Date :28/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/003454
Filing Date :28/01/2005
(87) International Publication No :WO 2005/072893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)PACIOTTI , GIULIO F

No of Pages : 51
No of Claims : 23

(57) Abstract :
The present invention comprises methods and compositions for making functionalized/reactive colloidal metal compositions and the uses thereof. The present invention comprises compositions and methods for delivery systems of agents, including therapeutic compounds, pharmaceutical agents, drugs, detection agents, nucleic acid sequences and biological factors. In general, these vector compositions comprise a functionalized/reactive colloidal metal, and an agent. The invention also comprises methods and compositions for the treatment of cancer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2226/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AMINO ALCOHOL COMPOUND.

(51) International classification :A61K 31/40
(31) Priority Document No :2004-04/08/2005
(32) Priority Date :24/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002884
Filing Date :23/02/2005
(87) International Publication No :WO2005/079788 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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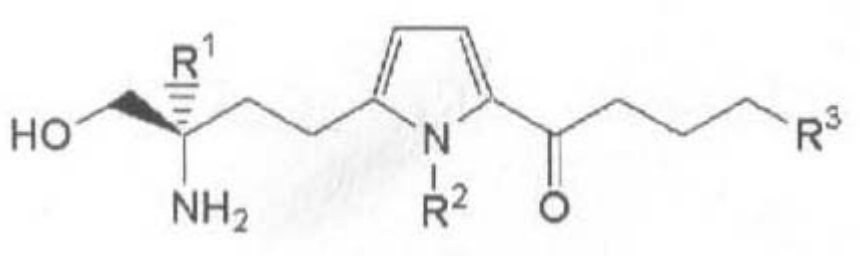
3)MIYAZAKI,Shojiro
4)SHIMOZATO,Takaichi
5)NARA,Futoshi
6)IZIMI,Takashi

No of Pages : 120
No of Claims : 18

(57) Abstract :
A pharmaceutical composition is provided that has a low toxicity, demonstrates superior physicochemical properties and pharmacokinetics, and has superior peripheral blood lymphocyte count lowering activity. The pharmaceutical composition contains a compound having general formula (I): [Chemical Formula 1] (wherein R1 represents a methyl group or an ethyl group, R2 represents a methyl group or an ethyl group, and R3 represents a phenyl group substituted with 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a cycloalkyl group, a lower alkoxy group, a halogeno lower alkyl group, a lower aliphatic acyl group and a cyano group), a pharmacologically acceptable salt thereof or a pharmacologically acceptable ester thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2227/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF A BOOK-TYPE SECURITY DOCUMENT AND BOOK-TYPE SECURITY DOCUMENT.

(51) International classification :B42D 15/10
(31) Priority Document No :10 2004 008 840.3
(32) Priority Date :20/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001110
Filing Date :04/02/2005
(87) International Publication No :WO 2005/090091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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3) MAERTENS DETLEF
4)PAESCHKE MANFRED
5)EHREKE JENS
6)LOEER THOMAS
7)SEIDEL RAINER
8)KNEBEL MICHAEL

No of Pages : 24
No of Claims : 25

(57) Abstract :
The invention relates to a method for the production of a security document In addition to a security document comprising at least one security cambric (15) and at least one transponder unit (21) which is fully encompassed by laminated layers (22,23) forming a laminated layer sheath.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2228/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR PROCESSING A MULTI-CHANNEL SIGNAL.

(51) International classification :G10L 19/00
(31) Priority Document No :10 2004 009 954.5
(32) Priority Date :01/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002110
Filing Date :28/02/2005
(87) International Publication No :WO 2005/083678
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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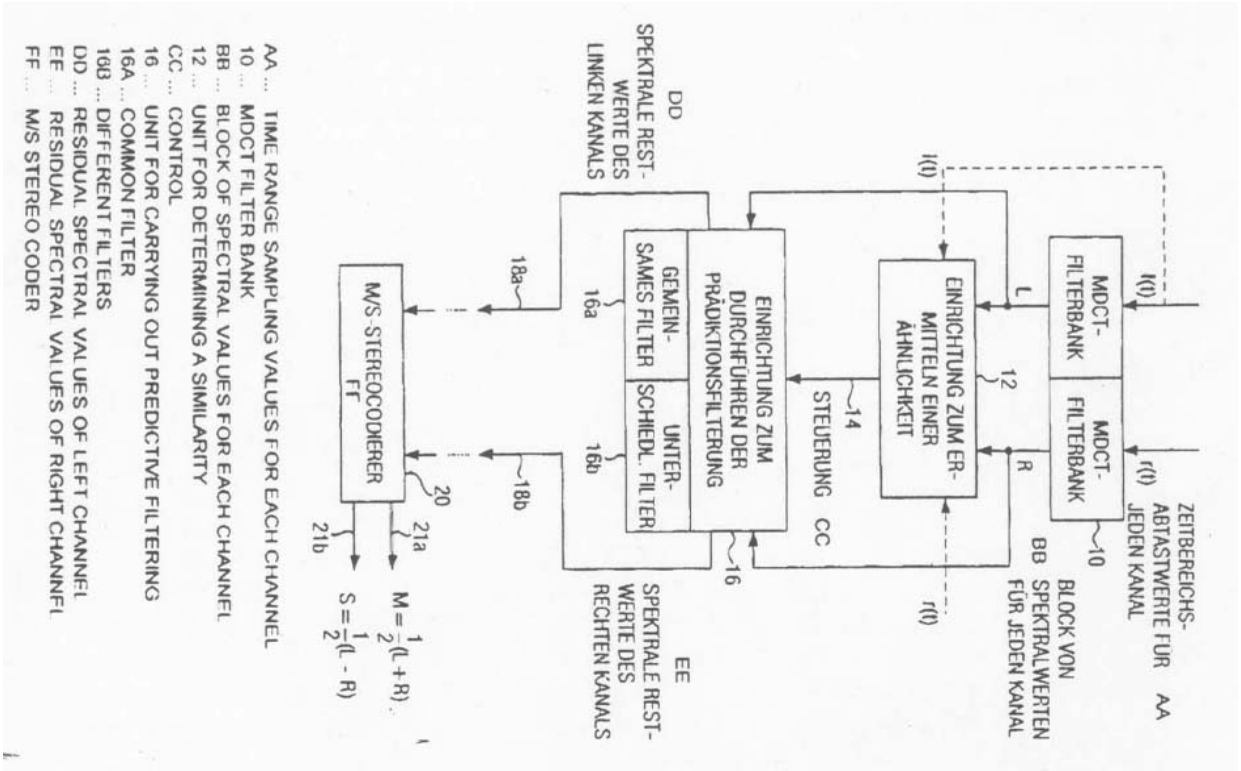
(72)**Name of Inventor :**
1) JUERGEN HERRE
2) MICHAEL SCHUG
3) ALEXANDER GROESCHL

No of Pages : 21
No of Claims : 12

(57) Abstract :
An apparatus for processing a multi-channel signal includes a means (12) for determining a similarity between a first one of two channels and a second one of the two channels. Furthermore, a means (16) for performing a prediction filtering of the spectral coefficients is provided, which is formed to perform a prediction filtering with only a single prediction filter (16a) for both channels in case of high similarity between the first and the second channel, and to perform a prediction filtering with two separate prediction filters (16b) in case of a dissimilarity between the first and the second channel. With this, an introduction of stereo artifacts and a deterioration of the coding gain in stereo coding techniques are avoided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2229/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING AN ESTIMATE.

(51) International classification :G10L19/00; G10L19/02
(31) Priority Document No :10 2004 009 949.9
(32) Priority Date :01/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/001651
Filing Date :17/02/2005
(87) International Publication No :WO 2005/083680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)JOHANNES HILPERT
3)STEFAN GEYERSBERGER
4)MAX NEUENDORF

No of Pages : 24
No of Claims : 11

(57) Abstract :
For determining an estimate of a need for information units for encoding a signal,a measure (nl(b)) for the distribution of the energy in the frequency band is taken into account (102,104,106)in addition to the admissible interfence for a frequency band and an energy of the frequency band. With this,a better estimate of the need for information units is obtained,so that coding can be done more efficiently and more accurately.

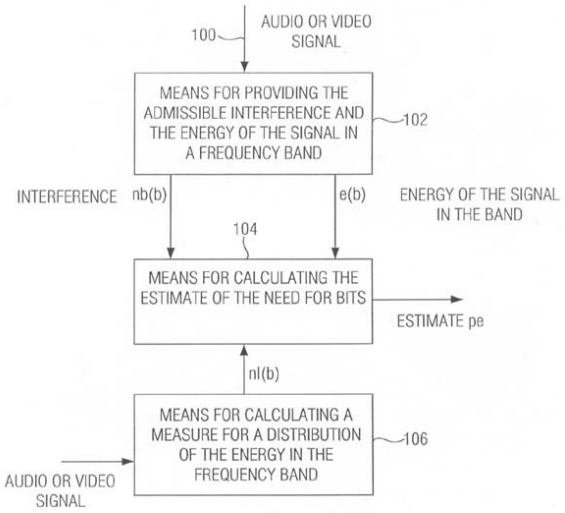

FIGURE 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2230/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF QUANTIFYING BINDING.

(51) International classification :G01N 33/68
(31) Priority Document No :040012208
(32) Priority Date :06/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000015
Filing Date :06/01/2005
(87) International Publication No :WO 2005/066630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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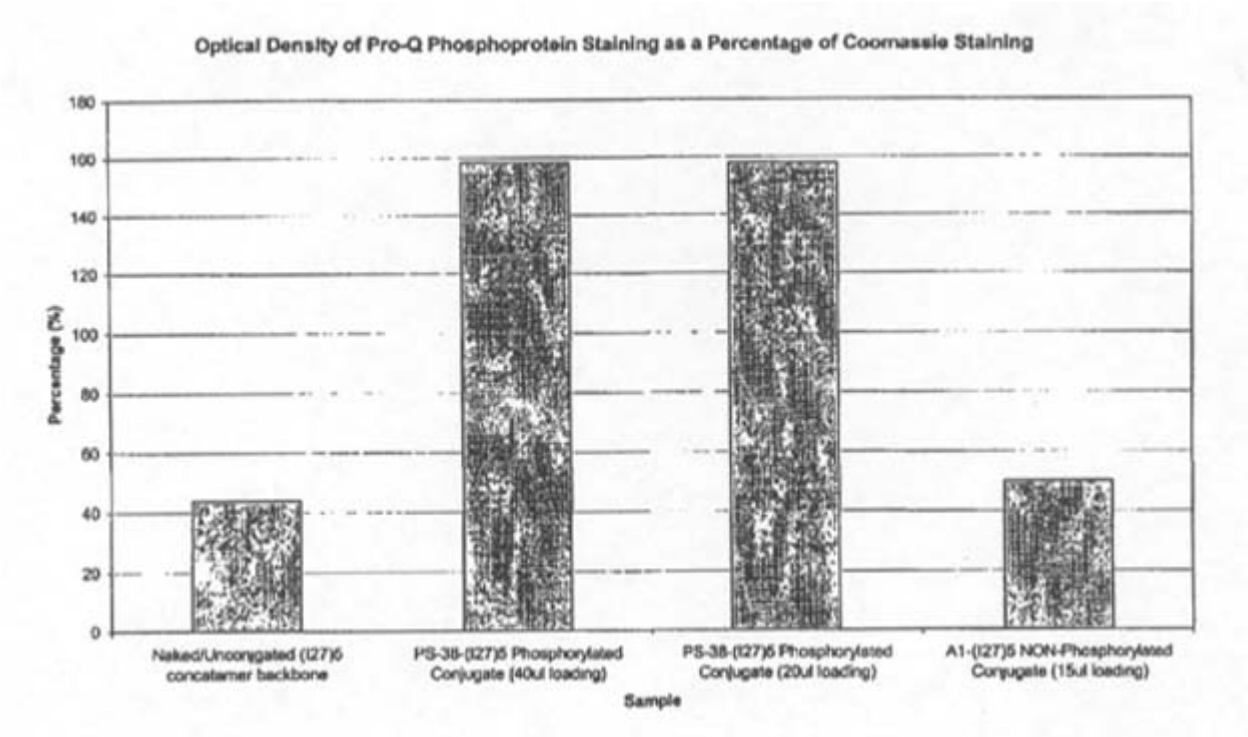
(72)**Name of Inventor :**
1)COLYER, John

No of Pages : 61
No of Claims : 56

(57) Abstract :
The present invention provides a presentation system and method of use for quantifying a target moiety in a sample which may contain the target moiety, the method comprising using a specified concentration or varying the concentration of a presentation system in order to generate a comparison point or calibration curve which provides means for comparing a signal generated by the presentation system and a signal generated by a sample, wherein said presentation system comprises at least one copy of said target moiety or part thereof covalently attached to a domain of a scaffold wherein the domain is non-reactive to a binding partner specific to said target moiety.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2231/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CHIRAL INORGANIC - ORGANIC COMPOSITE POROUS MATERIAL AND METHOD FOR PREPARING THE SAME.

(51) International classification :C01B 39/00
(31) Priority Document No :10-2004-0000896
(32) Priority Date :07/01/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000039
Filing Date :07/01/2005
(87) International Publication No :WO 2005/066074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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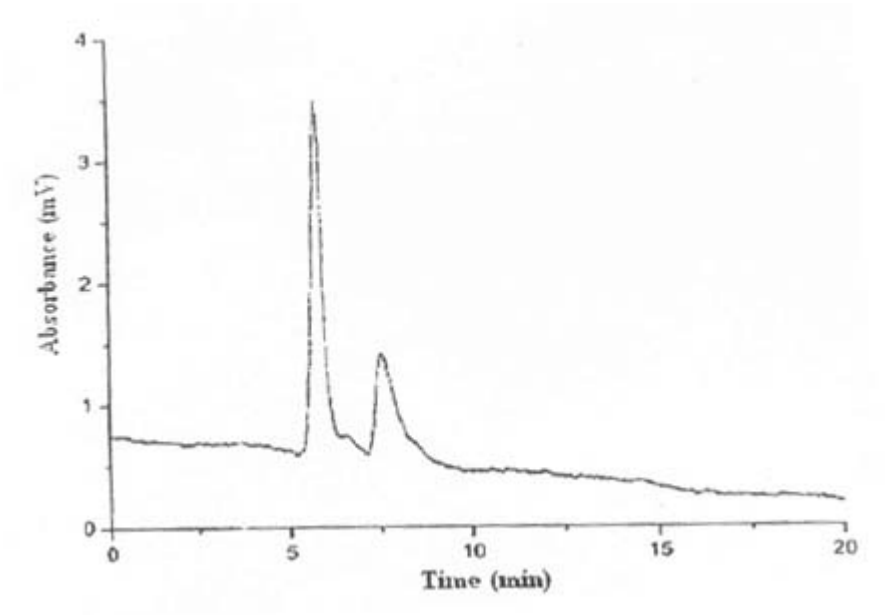
3)NO KYOUNG-TAI
4)CHANG SUK-KYU
5)SEO BYUNG-HEE
6)KIM JUNG-SUP
7)KIM JONG WON
8)SONG MEE KYUNG

No of Pages : 47
No of Claims : 10

(57) Abstract :
The present invention provides a chiral inorganic-organic composite porous material in which cationic chiral organic molecules are present as charge-balancing cations in a porous material containing charge-balancing cations, as well as a method for preparing the same by an ion exchange process. The chiral inorganic-organic composite porous material according to the present invention is excellent in stability, selectivity and durability, and thus, will be useful as a chiral-selective catalyst or a material of separating an isomeric mixture.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2232/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SEPARATE TRADING OF REGISTERED INTEREST AND PRINCIPAL OF SECURITIES SYSTEM METHOD AND COMPUTER PROGRAM PRODUCT

(51) International classification :G06Q 40/00
(31) Priority Document No :60/541,677
(32) Priority Date :04/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003673
Filing Date :04/02/2005
(87) International Publication No :WO2005/076941 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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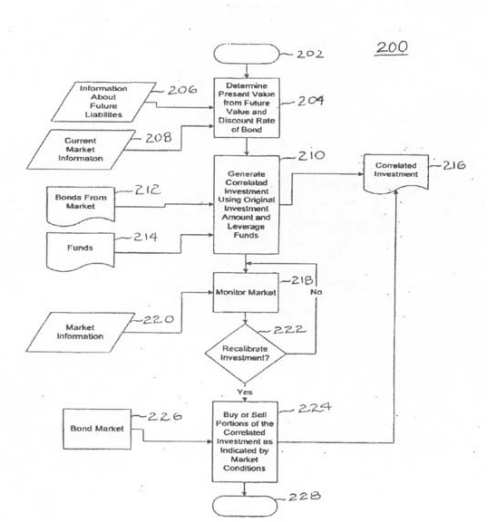
1)ARNOTT,ROBERT,D

No of Pages : 19
No of Claims : 20

(57) Abstract :
A method and apparatus for investing is set forth. Taking the present value of a future liability as the starting point, interest bearing securities or derivatives may be purchased that may have a duration less than that of the future liability, but are purchased in sufficient multiples of so that the duration of the investment, times the multiple, equals the duration of the future liability. The securities or derivatives of less duration will in almost all cases have associated interest rules that are less than that of a similar security or derivative whose duration matches that of the future liabilities. As duration decreases for the available securities or derivatives, interest rates of each will also decrease, but not as rapidly the rate of decrease in duration By using leverage, securities or derivatives can be purchased in amounts such that the duration of the investment will match that of the future liabilities, but the total amount of interest available from the leveraged investment will exceed that for a similar instrument whose duration matches that of the future liabilities



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2233/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RECORDING MEDIUM AND METHOD AND APPARATUS FOR DECODING TEXT SUBTITLE STREAMS.

(51) International classification :G11B 20/10
(31) Priority Document No :60/542,850
(32) Priority Date :10/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/000092
Filing Date :12/01/2005
(87) International Publication No :WO 2005/074400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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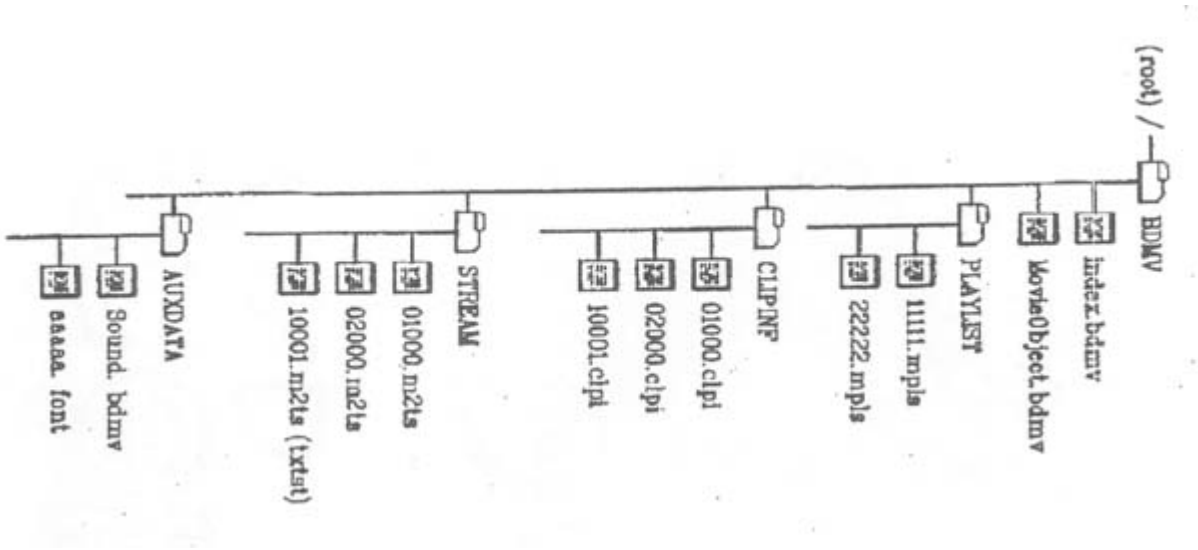
2)SEO KANG SOO
3)KIM BYUNG JIN
4)PARK SUNG WAN
5)SHIM YOUNG SUN
6)LEE SEUNG HOON

No of Pages : 52
No of Claims : 15

(57) Abstract :
At least one text subtitle stream is recorded on a recording medium. Each text subtitle stream includes a dialog style segment defining a set of region styles and at least one dialog presentation segment. Each dialog presentation segment contains at least one region of dialog text and being linked to at least one of the set of region styles. The dialog style segment further defines a set of user control styles for each region style. Each user control style is selectable by a user and is configured to change at least one of region presentation properties specified by a corresponding region style.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2234/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 5,6-DIALKYL-7-AMINO-TRIAZOLOPYRIMIDINES, METHOD FOR THEIR PRODUCTION, THEIR USE FOR CONTROLLING PATHOGENIC FUNGI AND AGENTS CONTAINING SAID COMPOUNDS

(51) International classification :C07D 487/04
(31) Priority Document No :10 2004 012018.8
(32) Priority Date :10/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002684
Filing Date :14/03/2005
(87) International Publication No :WO 2005 087772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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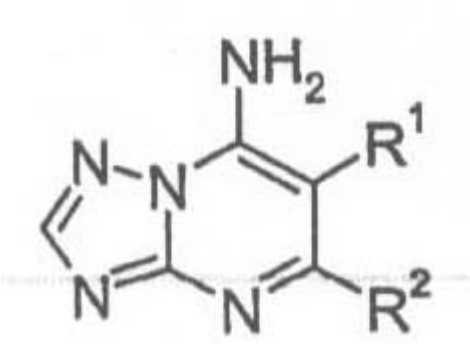
4)GEWEHR MARKUS
5)GRAMMENOS WASSILIOS
6)GROTE THOMAS
7)RHEINHEIMER JOACHIM
8)SCHAEFER PETER
9)SCHIEWECK FRANK
10)SCHWOEGLER ANJA
11)WAGNER OLIVER
12)NIEDENBRUECK MATTHIAS
13)SCHERER MARIA
14)STRATHMANN SIEGFRIED
15)SCHOEFL ULRICH
16)STIERL REINHARD

No of Pages : 21
No of Claims : 10

(57) Abstract :
5,6-Dialkyl-7-amino-triazolopyrimidines of formula (I), in which the substituents are as defined below:R1 is alkyl alkenyl or alkoxyalkyl, where the apliphatic groups may be substituted as defined in the description; R2 is n-proply or n-butyl; processes for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006

(21) Application No.2235/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RECORDING MEDIUM AND METHOD AND APPARATUS FOR DECODING TEXT SUBTITLE STREAMS.

(51) International classification	:G11B20/10; G11B20/10
(31) Priority Document No	:60/542,850
(32) Priority Date	:10/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2005/000091
Filing Date	:12/01/2005
(87) International Publication No	:WO 2005/074399
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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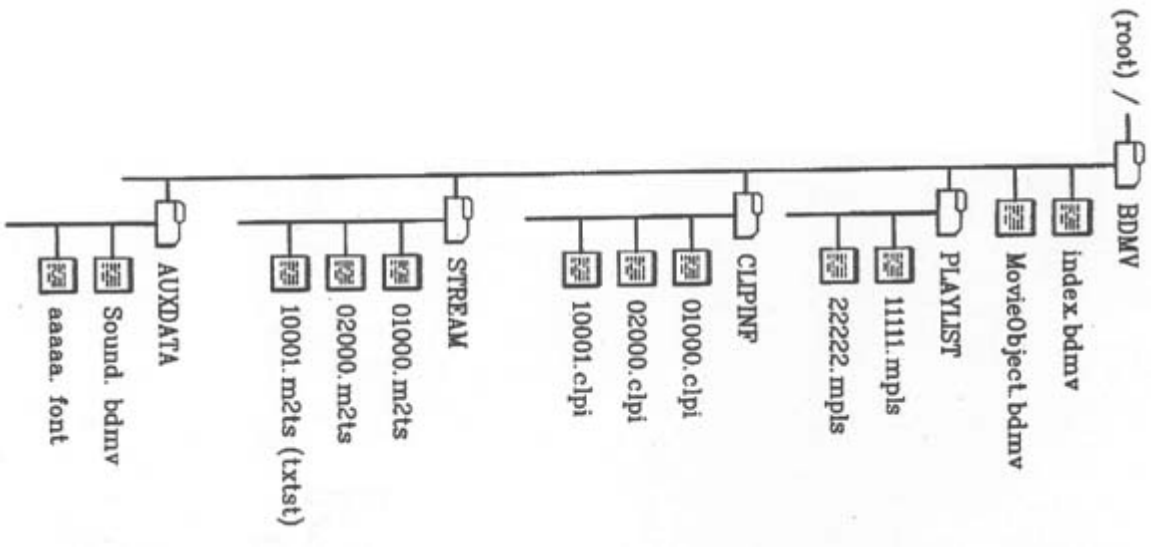
3)KIM BYUNG JIN
4)PARK SUNG WAN
5)SHIM YOUNG SUN
6)LEE SEUNG HOON

No of Pages : 52
No of Claims : 22

(57) Abstract :
At least one text subtitle stream is recorded on a recording medium. Each text subtitle stream includes a dialog style segment defining a set of region styles and at least one dialog presentation segment. Each dialog presentation segment contains at least one region of dialog text and being linked to at least one of the set of region styles. The dialog style segment includes a player style flag which indicates whether a player is permitted to generate its own set of player styles. Then each dialog presentation segment is decoded using the set of player styles if the permission is indicated by the player style flag.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2236/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COENZYME Q COMPOSITION WITH LONG-TERM PERSISTENCE IN BLOOD.

(51) International classification :A61K 31/01
(31) Priority Document No :2004-084247
(32) Priority Date :23/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/005105
Filing Date :22/03/2005
(87) International Publication No :WO2005/089740 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)KAWABE,TAIZO
3)KUBO HIROSHI

No of Pages : 24
No of Claims : 10

(57) Abstract :
The object of the present invention is to provide a composition maintaining a blood coenzyme Q concentration at a high level in blood for a prolonged period of time, in order to surely attain an effect of coenzyme Q, which can be expected to manifest a superior effect in maintaining health in humans and animals. By using a composition which comprises a coenzyme Q being a mixture of a reduced coenzyme Q and an oxidized coenzyme Q with the proportion of the reduced coenzyme Q to the whole coenzyme Q of more than 95% by weight, the present invention can attain a high maximum blood concentration of a coenzyme Q as well as long maintenance of high concentration of coenzyme Q in blood for a prolonged period of time, and the area under the blood concentration curve (AUC) can be expanded.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2237/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTIBODIES TO MADCAM.

(51) International classification :C07K 16/28
(31) Priority Document No :60/535,490
(32) Priority Date :09/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000370
Filing Date :07/01/2005
(87) International Publication No :WO 2005/067620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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3)KELLERMANN, SIRID-AIMEE
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5)HAAK-FRENDSCHO, MARY

No of Pages : 249
No of Claims : 53

(57) Abstract :
The present invention relates to antibodies including human antibodies and antigen-binding portions thereof that specifically bind to MAdCAM, preferably human MAdCAM and that function to inhibit MAdCAM The invention also relates to human anti-MAdCAM antibodies and antigen-binding portions thereof The invention also relates to antibodies that are chimeric, bispecific, derivatized, single chain antibodies or portions of fusion proteins The invention also relates to isolated heavy and light chain immunoglobulins derived from human anti-MAdCAM antibodies and nucleic acid molecules encoding such immunoglobulins The present invention also relates to methods of making human anti-MAdCAM antibodies, compositions comprising these antibodies and methods of using the antibodies and compositions for diagnosis and treatment The invention also provides gene therapy methods using nucleic acid molecules encoding the heavy and/or light lmmunoglobulin molecules that comprise the human anti-MAdCAM antibodies. The invention also relates to transgenic animals or plants composing nucleic acid molecules of the invention

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2006
(21) Application No.2238/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "GENE EXPRESSION REGULATING AGENT."

(51) International classification :C12N 15/12
(31) Priority Document No :2004-028698
(32) Priority Date :04/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/001718
Filing Date :04/02/2005
(87) International Publication No :WO 2005/074907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)TAKAHASHI, JIRO
3)AIO, WATARU

No of Pages : 31
No of Claims : 7

(57) Abstract :
To provide a gene expression regulating agent which includes astaxanthin and/or its ester as an effective ingredient; and a food and drink having an effect of regulating gene expression which includes astaxanthin and/or its ester. Abnormal gene expression due to, for example, oxidative stress can be treated, improved, and/or prevented, and diseases caused by the abnormal gene expression can be treated, improved, and/or prevented. A gene expression regulating agent which includes astaxanthin and/or its ester as an effective ingredient; and a food and drink having an effect of regulating gene expression which includes astaxanthin (and/or its ester are provided and are useful for treating, improving, and/or preventing the symptom caused by the abnormal gene expression, that is, excessive expression or suppression of expression.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006

(21) Application No.2239/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BICYCLIC SUBSTITUTED INDOLE-DERIVATIVE STEROID HORMONE NUCLEAR RECEPTOR MODULATORS.

(51) International classification	:C07D 209/08
(31) Priority Document No	:60/549,754
(32) Priority Date	:03/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005240
Filing Date	:18/02/2005
(87) International Publication No	:WO 2005/092854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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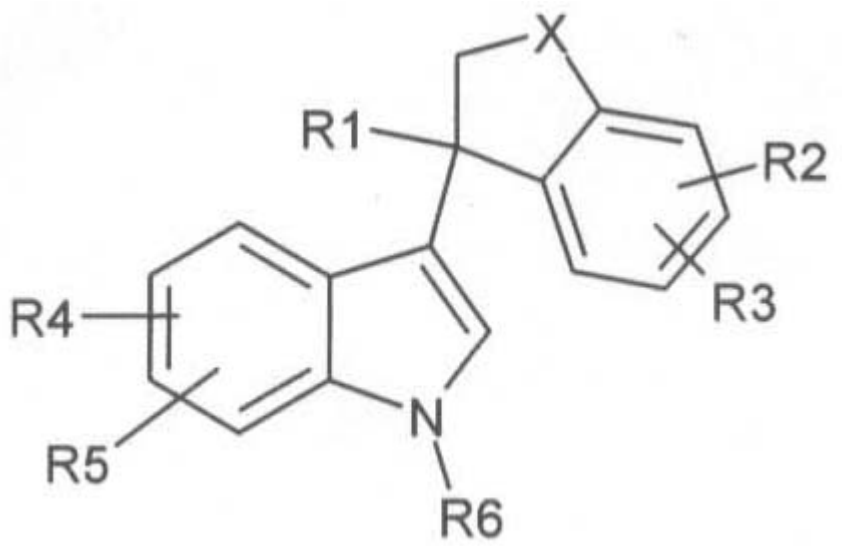
2)JADHAV,PRABHAKAR, KONDAJI
3)WANG,MINMIN

No of Pages : 85
No of Claims : 14

(57) Abstract :
"BICYCLIC SUBSTITUTED INDOLE-DERIVATIVE STEROID HORMONE NUCLEAR RECEPTOR MODULATORS" The present invention provides a compound of the formula: or a pharmaceutically acceptable salt thereof, pharmaceutical compositions comprising an effective amount of a compound of Formula I in combination with a suitable carrier, diluent, or excipient, and methods for treating physiological disorders, particularly congestive heart disease, hypertension, and atherosclerosis, comprising administering to a patient in thereof an effective amount of a compound of Formula I.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2240/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : THIOAMIDES AND SALTS THEREOF AND CYTOKINE PRODUCTION INHIBITORS CONTAINING BOTH.

(51) International classification :A61K 31/166
(31) Priority Document No :2004-040444
(32) Priority Date :17/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002348
Filing Date :16/02/2005
(87) International Publication No :WO 2005/077895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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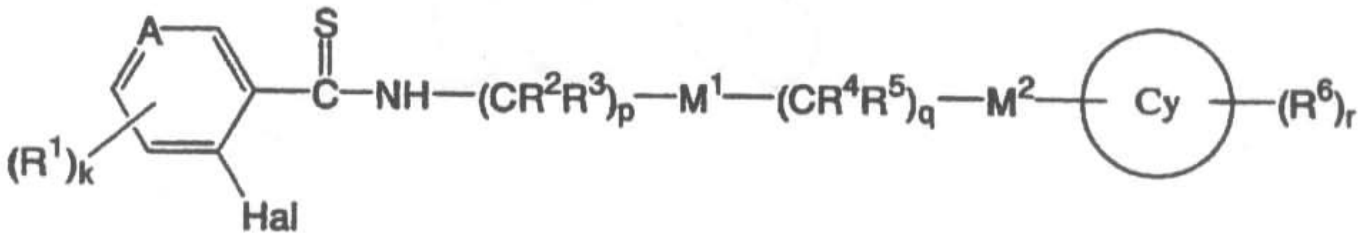
3)TAMAI, KIYOSHI
4)YAMAMOTO, KAZUHIRO
5)KIMURA, HIROHIKO
6)TAMAI, KIYOSHI
7)SANO, MITSUO
8)MORI, SHINYA
9)OKADA, TAKASHI
10)UEKI, TOSHIHIKO
11)AZUMA, KUMIKO

No of Pages : 72
No of Claims : 13

(57) Abstract :
To provide cytokine production inhibitors useful as preventive or therapeutic medicines for diseases accompanied by hyperactivated immune functions.A cytokine production inhibitor containing, as an active ingredient, a thioamide compound represented by the formula (I) or a salt thereof:wherein A is N, NO, C-No2 or C-CN;Hal is a halogen;M1 is alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, heterocyclyl, amino, O, S, SO or SO2;M2 is amino, O, S or a single bond;R1 is a halogen, alkyl or the like;each of R2, R4 and R5 is independently H, alkyl or the like;R6 is a halogen, alkyl or the like;Cy is cycloalkyl, cycloalkenyl, aryl or heterocyclyl;each of k, p and q is independently an integer of from 0 to 3;and r is an integer of from 0 to 5.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2241/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INSECTICIDE COMPOSITIONS.

(51) International classification :A01N 29/00
(31) Priority Document No :2004-048376
(32) Priority Date :24/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002708
Filing Date :21/02/2005
(87) International Publication No :WO2005/079575 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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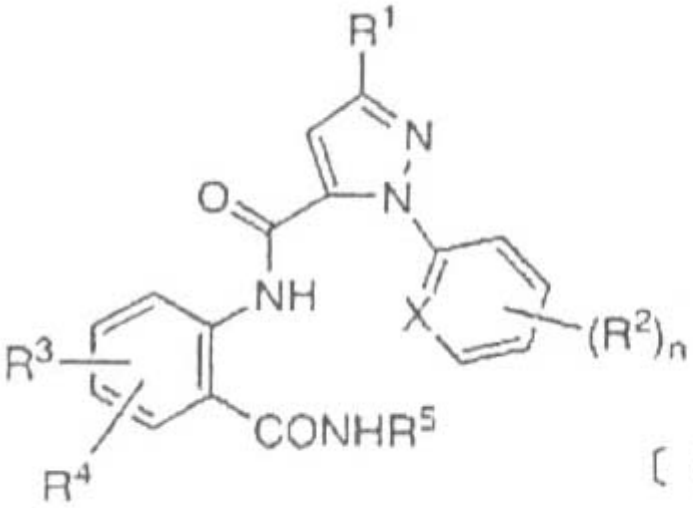
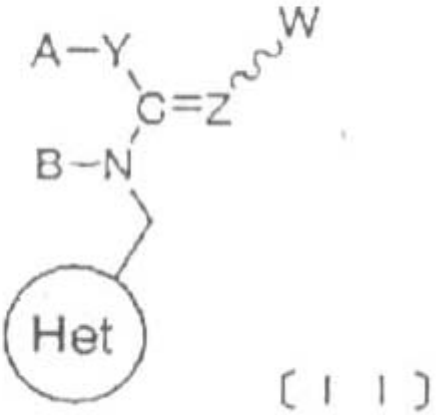
No of Pages : 53
No of Claims : 13

(57) Abstract :
An insecticide composition which contains one or more compounds selected among compounds represented by the formula [I]: and salts of the compounds and further contains a neonicotinoid compound represented by the formula [II]. The insecticide composition has a higher insecticidal effect than compositions separately containing these compounds. Namely, the composition produces a synergistic effect. It is hence possible to reduce the dose of agricultural chemicals or the number of applications of agrochemicals and pesticides to be realized.



[I]



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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2242/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TONER, AND DEVELOPING AGENT, CONTAINER PACKED WITH TONER, PROCESS CARTRIDGE, IMAGE FORMING APPARATUS AND METHOD OF IMAGE FORMING

(51) International classification	:G03G9/08; G03G9/087
(31) Priority Document No	:2004-026233
(32) Priority Date	:03/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/000876
Filing Date	:24/01/2005
(87) International Publication No	:WO 2005/074392
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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4)ASAHINA YASUO
5)UCHINOKURA OSAMU
6)ISHII MASAYUKI
7)ICHIKAWA TOMOYUKI
8)NAKAYAMA SHINYA
9)SAKATA KOICHI
10)UTSUMI TOMOKO
11)IWATSUKI HITOSHI
12)IWAMOTO YASUAKI
13)SUGIURA HIDEKI
14)TOMITA MASAMI

No of Pages : 119
No of Claims : 18

(57) Abstract :
To provide a toner that can provide long-term removability and high-definition images with reduced image layer thickness and densely packed toner particles, a developer capable of forming high-quality images using the toner, a toner container for containing the toner, a process cartridge using the toner, and image forming apparatus using the toner, and an image forming method using the toner. The toner of the present invention is a toner having a substantially spherical shape with irregularities on its surface and containing at least a binder resin and a colorant, wherein a surface factor SF-1 that represents the sphericity of toner particles is 150 to 180, a surface factor SF-2 that represent the degree of surface irregularities of the toner particles is correlated with the volume-average diameter of the toner particles, and the toner particles have an inorganic oxide particles-containing layer within 1um form their surfaces.

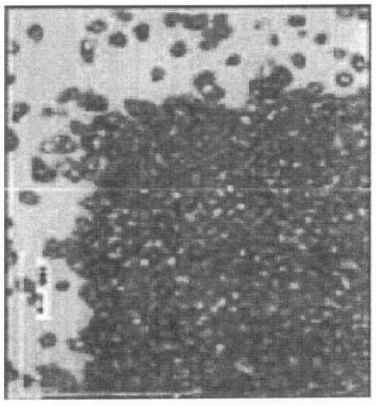
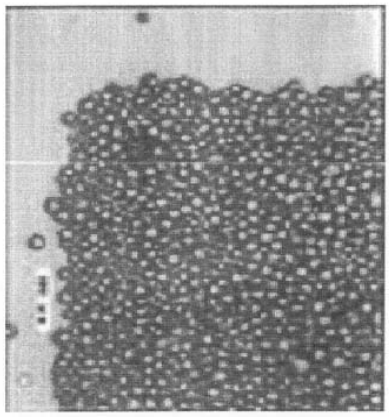


FIG. 9B



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006

(21) Application No.2243/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RADIO COMMUNICATIONS SYSTEM AND METHOD FOR MBMS SERVICE."

(51) International classification	:H04B 7/26
(31) Priority Document No	:60/601,641
(32) Priority Date	:16/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2005/002665
Filing Date	:16/08/2005
(87) International Publication No	:WO 2006/019244
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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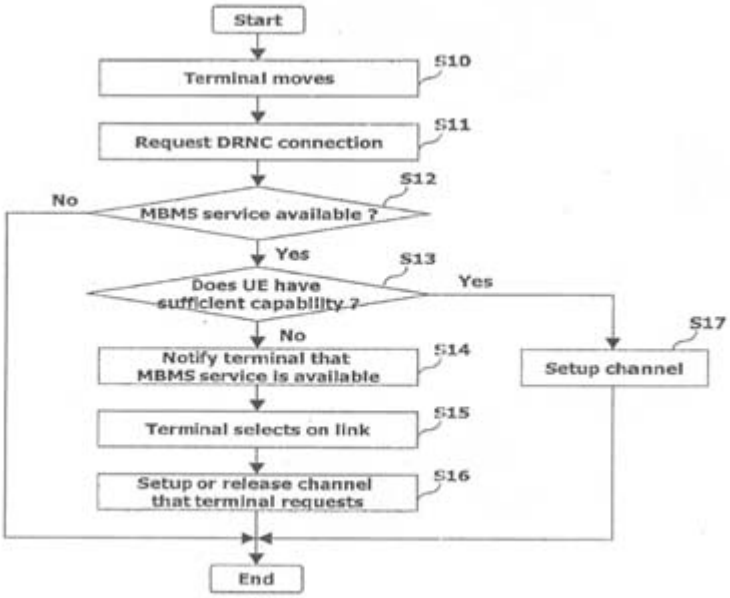
2)CHUN SUNG-DUCK
3)KIM MIN-JUNG

No of Pages : 21
No of Claims : 27

(57) Abstract :
Provided is a radio communication system and method for a multimedia broadcast and multicast (MBMS) service in which when a terminal having set a; dedicated channel in an SRNC moves and is then connected to an RNC by which an MBMS ? service can be supported, the RNC to which the terminal has moved notifies the terminal whether the MBMS service is available, and accordingly the terminal can select a desirable service (i.e., a previous service or the MBMS service) according to a state thereof on . . the basis of the corresponding information, whereby it is possible to solve the problem in the conventional art in which the terminal can not receive information of its desirable, service and; thus can not receive the service, by providing the terminal that can not receive ? both two dedicated channels (i.e., does not have sufficient capability) with information of a new service.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2244/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : TERMINAL DISTRIBUTION CONTROL FOR POINT- TO-MULTIPOINT SERVICE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/26
(31) Priority Document No :60/603,373
(32) Priority Date :19/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/002664
Filing Date :16/08/2005
(87) International Publication No :WO 2006/019243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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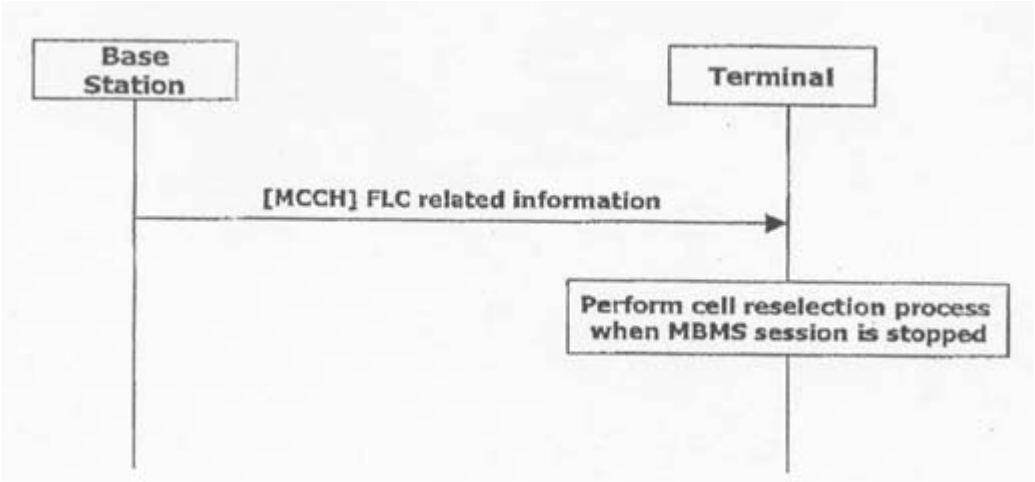
2)LEE YOUNG-DAE

No of Pages : 18
No of Claims : 18

(57) Abstract :
An apparatus for processing a multi-channel signal includes a means (12) for determining a similarity between a first one of two channels and a second one of the two channels. Furthermore, a means (16) for performing a prediction filtering of the spectral coefficients is provided, which is formed to perform a prediction filtering with only a single prediction filter (16a) for both channels in case of high similarity between the first and the second channel, and to perform a prediction filtering with two separate prediction filters (16b) in case of a dissimilarity between the first and the second channel. With this, an introduction of stereo artifacts and a deterioration of the coding gain in stereo coding techniques are avoided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2245/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTI-TUBE SOLAR COLLECTOR STRUCTURE.

(51) International classification :F24J2/16; F24J2/24
(31) Priority Document No :2004900787
(32) Priority Date :17/02/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000208
Filing Date :17/02/2005
(87) International Publication No :WO 2005/078360
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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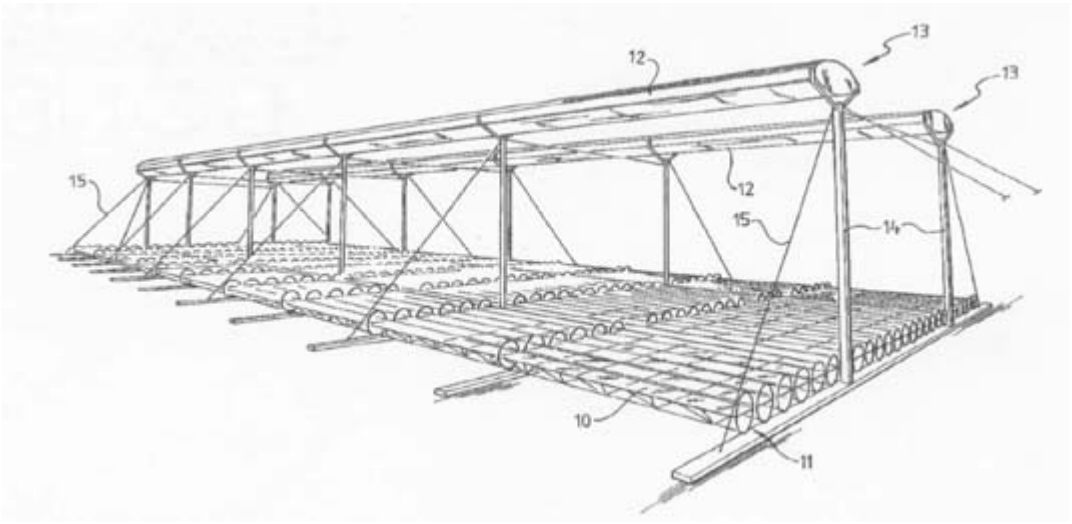
No of Pages : 18
No of Claims : 17

(57) Abstract :
A collector system (12) is disclosed that comprises a row of linearly conjoined collector structures (13). The collector system is arranged to be located at a level above a field of reflectors (10) and to receive solar radiation reflected from the reflectors within the field. The collector structure (13) comprises an inverted trough (16) and, located within the trough, a plurality of longitudinally extending absorber tubes (30) that, in use, are arranged to carry a heat exchange fluid. The absorber tubes (30) are supported side-by-side within the trough and each absorber tube has a diameter that is small relative to the aperture of the trough. The ratio of the diameter of each absorber tube to the trough aperture dimension is of the order of 0.01:1.00 to 0.10:1.00 and, thus, the plurality of absorber tubes functions, in the limit, effectively to simulate a flat plate absorber.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2246/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVICE FOR INDICATING FUEL FILTER CLOGGING IN INTERNAL COMBUSTION ENGINES, PARTICULARLY DIESEL ENGINES

(51) International classification	:B01D 35/143
(31) Priority Document No	:RE2004A000032
(32) Priority Date	:09/04/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2005/003249
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/098227
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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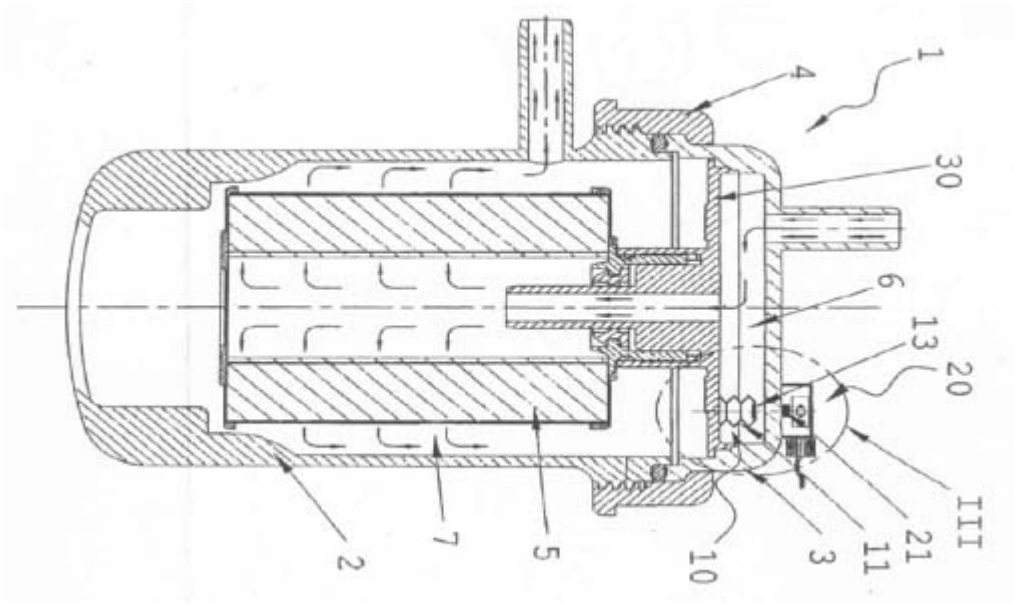
No of Pages : 11
No of Claims : 6

(57) Abstract :
A device for indicating clogging of the fuel filter (1) of internal combustion engines, in particular diesel engines, the filter comprising an outer casing (2) closed by a cover (3) of a magnetic material, and a filter element (5) which, together with the disc (30) to which it is connected, defines two chambers (6 and 7) for fuel entry and exit respectively; said device comprises a pressure sensor means (10) sensing the difference between the entry and exit fuel pressure and housed inside the filter casing, and a means (20) for generating a signal proportional to said pressure difference which is located outside the filter casing and is not mechanically connected to the pressure sensor means.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2247/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ARYL AND HETEROARYL-PIPERIDINECARBOXYLATE DERIVATIVES, THE PREPARATION AND THE USE THEREOF IN THE FORM OF FAAH ENZYME INHIBITORS

(51) International classification :C07D 471/04
(31) Priority Document No :0401950
(32) Priority Date :26/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000453
Filing Date :25/02/2005
(87) International Publication No :WO 2005/090347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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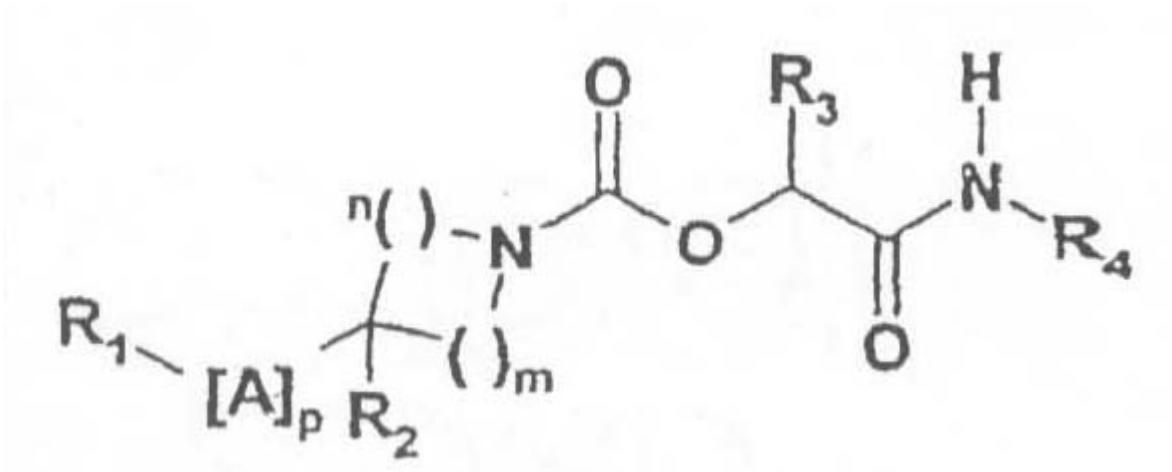
3)HOORNAERT, CHRISTIAN
4)LARDENOIS, PATRICK
5)MARGUET FRANK

No of Pages : 64
No of Claims : 10

(57) Abstract :
The invention relates to compounds of general formula (I), wherein m, n = 1 to 3 and m + n = 2 to 5 p = 1 A 7; A= single bond or X, Y and/or Z; X = methylene possibly substituted; Y = C2-alkenylene possibly substituted or C2-alkynylene; Z = C3-7-cycloalkyl; R1 is an aryl or heteroaryl group; R2 is a hydrogen or fluoride atom, a hydroxyl, C1-6-alkoxy or NR8R9 group; R3 is a hydrogen atom or a C1- 6-alkyl group; R4 is a hydrogen atom or a C1-6-alkyl, C3-7-cycloalkyl, C3-7-cycloalkyl-C1-3-alkyl group. Said compounds can be embodied in the form of a base, an acid addition salt, a hydrate or a solvate and can be used in the form of FAAH enzyme inhibitors.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2248/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DERIVATIVES OF HETEROARYL-ALKYLCARBAMATES, PREPARATION METHOD THEREOF AND USE OF SAME AS FAAH ENZYME INHIBITORS

(51) International classification :A61K 31/505
(31) Priority Document No :0401949
(32) Priority Date :26/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000451
Filing Date :25/02/2005
(87) International Publication No :WO 2005/090292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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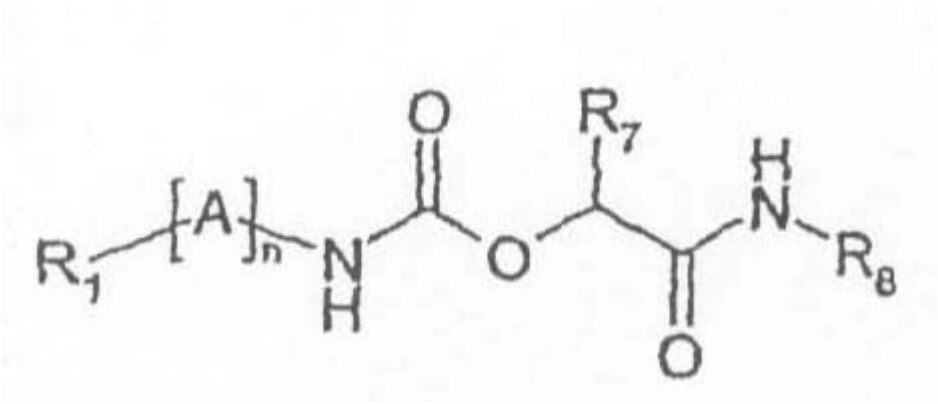
No of Pages : 46
No of Claims : 12

(57) Abstract :
The invention relates to a compound having genera] formula (I), wherein A is selected from among one or more X, Y and/or Z groups, X represents an optionally-substituted methylene group, Y represents a C2-alkenylene, optionally substituted, or a C2-alkynylene, Z represents a C3-7 cycloalkyl group, n represents an integer varying between 1 and 7, R1 represents an optionally-substituted heteroaryl or naphthalenyl type group, and R7 represents a hydrogen atom or a C1-6 alkyl group, Rg represents a hydrogen atom or a C1-6 alky], C3-7 cycloalkyl, C3_7 cycloalkyl-C1-3 alkylene group The inventive compound takes the form of a base, an acid addition salt, a hydrate or a solvate. Said compounds have an inhibitory activity on the FAAH enzyme.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2249/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "HIV INTEGRASE INHIBITORS"

(51) International classification :C07D 471/04, A61K 31
(31) Priority Document No :60/543,670
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004085
Filing Date :10/02/2005
(87) International Publication No :WO 2005/077050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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No of Pages : 446
No of Claims : 32

(57) Abstract :
The present invention features compounds that are HIV integrase inhibitors and therefore are useful in the inhibition of HIV replication, the prevention and/or treatment of infection by HIV, and in the treatment of AIDS and/or ARC.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2006
(21) Application No.2250/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : OPTICAL RECORDING MATERIAL AND OPTICAL RECORDING MEDIUM.

(51) International classification :B41M 5/26
(31) Priority Document No :2004-052421
(32) Priority Date :26/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003190
Filing Date :25/02/2005
(87) International Publication No :WO 2005/082637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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No of Pages : 176
No of Claims : 22

(57) Abstract :
The present invention provides a high level optical recording material which is capable of recording and reading by a blue laser with a short wavelength. An optical recording material comprises an organic dye compound A whose absorption maximum wavelength {? max) is not less than 340 nm and not more than 440 nm and a metal-complex compound B whose absorption maximum wavelength (? max) is not less than 500 nm and not more than 900 nm, the content of the organic dye compound A is higher than the content of the metal-complex compound B, and light resistance x determined by a predetermined method is not less than 3 0%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2251/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PRODUCING OPEN-KNIT FABRIC WITH MACHINES FOR KNITTING HOSIERY OR OTHER ARTICLES,AND OPEN-KNIT ARTICLE OBTAINED WITH THE METHOD.

(51) International classification :D04B 1/10
(31) Priority Document No :MI 2004A000303
(32) Priority Date :23/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/000869
Filing Date :28/01/2005
(87) International Publication No :WO2005/080653 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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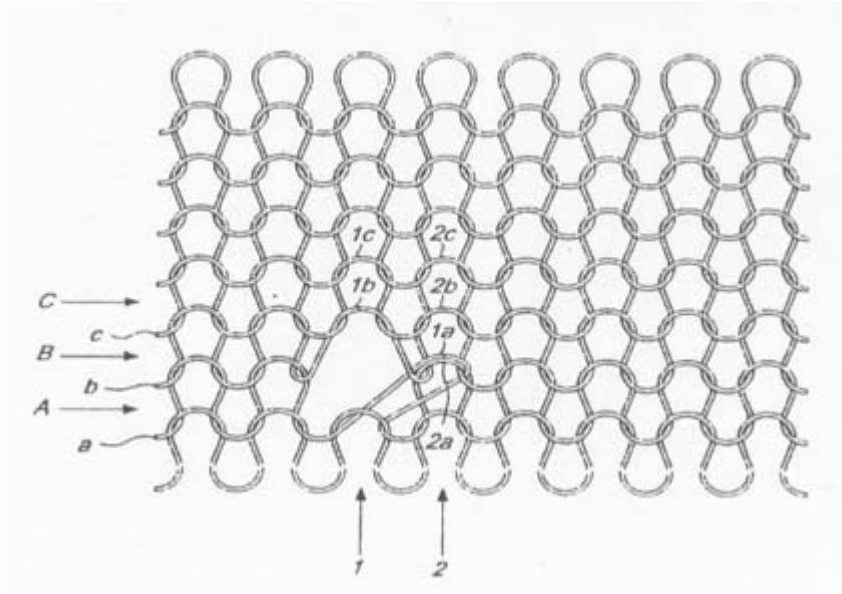
No of Pages : 21
No of Claims : 11

(57) Abstract :
A method for producing open-knit fabric with machines for knitting hosiery or other articles and an open-knit article obtained with the method. The method consists in producing in succession rows of knitting (A, B, C) by means of a plurality of needles (1, 2), with openwork being performed which is constituted by holes, each of which is provided by means of a group of needles (1,2) in which a first needle (1), after taking part in the formation of a first row (A) of knitting, is freed from the loop (la) of the first row (A) of knitting by transferring the loop to a second needle (2) thai is contiguous to the first needle (1). The first needle (1) is actuated so as to resume knitting, forming a new loop (-tb) of a row (B) of knitting that is subsequent to the first row (A). It is optionally possible to gradually free a plurality of needles, by transferring the corresponding loop to a contiguous needle, and/or to vary the number of rows of knitting after which the needles freed from the related loop resume knitting, and/or to varying the stilch thai is produced by these needles when knitting resumes, so as to vary the dimensions and/or shape of the holes that constitute the openwork.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2252/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SWITCHING MECHANISM FOR AN ELECTRICAL SERVICE SWITCHING DEVICE

(51) International classification :H01H 71/52
(31) Priority Document No :102004012919.3
(32) Priority Date :17/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002737
Filing Date :15/03/2005
(87) International Publication No :WO 2005/091323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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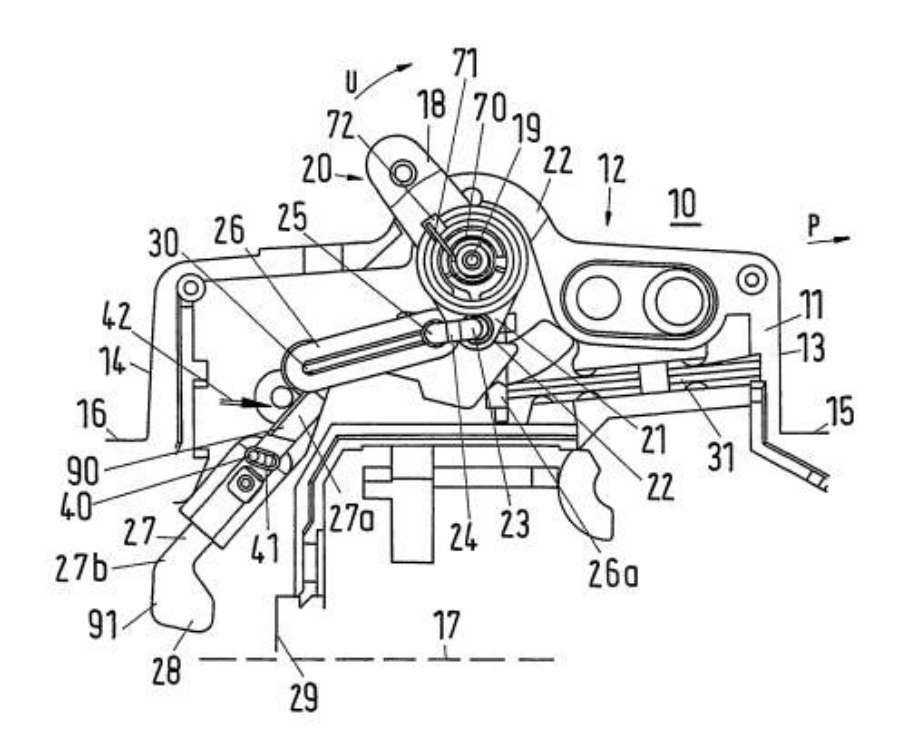
4)Eppe,klaus-Peter

No of Pages : 20
No of Claims : 17

(57) Abstract :
The invention relates to a switch mechanism for an electrical installation switch device comprising a switch toggle for manually operating the switch device, at least one contact point with a stationary and a movable contact element, said contact point possibly being a double contact point, a toggle mechanism located between the switch toggle and the at least one movable contact element, said toggle mechanism maintaining the contact point closed in a first stable position, and a tripping lever operated by a tripping device that influences the toggle mechanism in such a way that the toggle mechanism is moved from its first stable position (switch-on position) to a second position (switch-off position) via a dead point position. The toggle mechanism includes a link (26) that is hingedly connected to the movable contact element (28) and a bracket (24) having two limbs (23, 25), one of which (25) is connected to the other end of the link (26) while the other (23) is connected to the toggle lever (18). When tripping occurs, the tripping lever (33) impinges upon the toggle mechanism approximately perpendicular to said toggle mechanism in the area of knee point in the direction of the second stable position.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2253/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ARRANGEMENT FOR COOLING ELECTRONIC MODULAR UNITS IN EQUIPMENT AND NETWORK CABINETS.

(51) International classification :H05K 7/20
(31) Priority Document No :10 2005 005296.7.5
(32) Priority Date :04/02/2005
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/013023
Filing Date :05/12/2005
(87) International Publication No :WO 2006/081857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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7)KUENKLER,THOMAS
8)WEIBMANN,LARS

No of Pages : 16
No of Claims : 23

(57) Abstract :
The invention relates to an arrangement, for cooling equipment and network cabinets particularly server cabinets, in which the fans are integrated into a door. The resulting fan door, in the closed position, covers an access area of the rear of the cabinet and longitudinally adjacent to the fan door is arranged in fixed manner an air-to-fluid heat exchanger, whilst covering a residual area of the rear of the cabinet and to which is articulated the fan door. The heat loss given off to a cooling liquid, particularly cold water, in the heat exchanger is removed via a pipe system outside the cabinet installation area and rigid connecting pipes of a gas-tight material can be used for the connection of the heat exchangers of the individual cabinets to the building-side pipe system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2254/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF USING PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR ALPHA TARGET GENES

(51) International classification :C07K 14/47, C12Q 1/68
(31) Priority Document No :60/536,474
(32) Priority Date :14/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001294
Filing Date :14/01/2005
(87) International Publication No :WO 2005/068663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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No of Pages : 50
No of Claims : 34

(57) Abstract :
This invention features the identification of novel target genes for peroxisome proliferator-activated receptors alpha (PPARa) in human, and their use in treating or monitoring the treatment of metabolic abnormalities, as well as in identifying compounds useful for treating metabolic abnormalities.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2006

(21) Application No.2255/KOLNP/2006 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : THREE OR FOUR-POLE LOW-VOLTAGE POWER SWITCH WITH ROGOWSKI COILS OPERATING AS CURRENT SENSORS

(51) International classification	:H02H1/04; H01H71/74
(31) Priority Document No	:10 2004 011023.9
(32) Priority Date	:04/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/00038
Filing Date	:02/03/2005
(87) International Publication No	:WO 2005/086308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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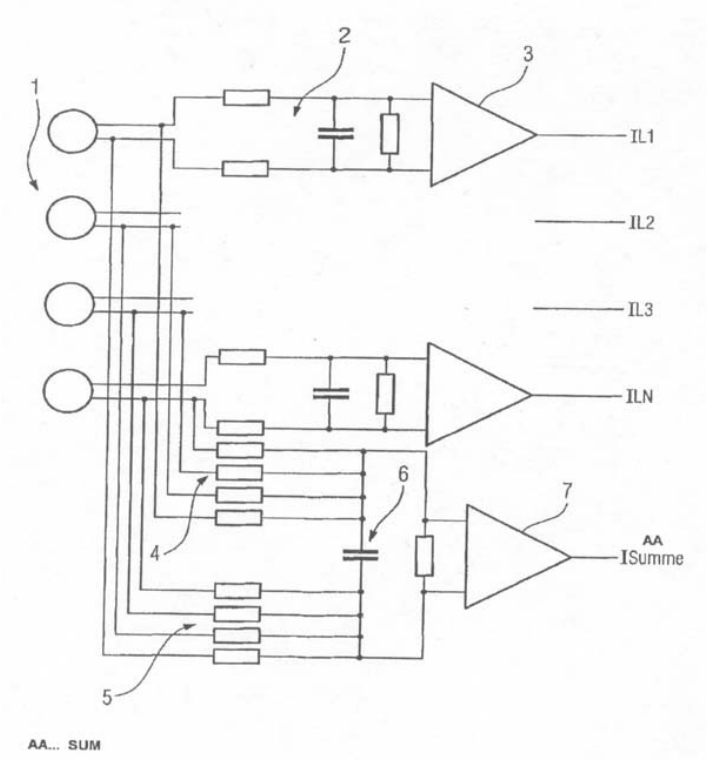
No of Pages : 5

No of Claims : 1

(57) Abstract :
The inventive three or four pole low-voltage power switches are partly provided with a device for detecting ground faults. For this purpose, the current vectorial sum must be produced in the three or four conductors of a monitored network. For the switches of this type, output signals received from Rogowcki coils (1) are commonly directed via resistances (4, 5) to an integration capacitor (6) whose voltage forms an input signal of another measuring amplifier (7) representing the current sum of a monitored network. The output signal of said measuring amplifier (7) is, afterwards processed in a known manner in the microprocessor of an excess-current trip.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2256/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR CONTROLLING A BLEACHING PROCESS FOR WASTE PAPER TREATMENT AND BLEACHING DEVICE FOR CARRYING OUT SAID METHOD

(51) International classification	:F03D 1/06
(31) Priority Document No	:102004020496.9
(32) Priority Date	:26/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP05/051729
Filing Date	:19/04/2005
(87) International Publication No	:WO2005103373
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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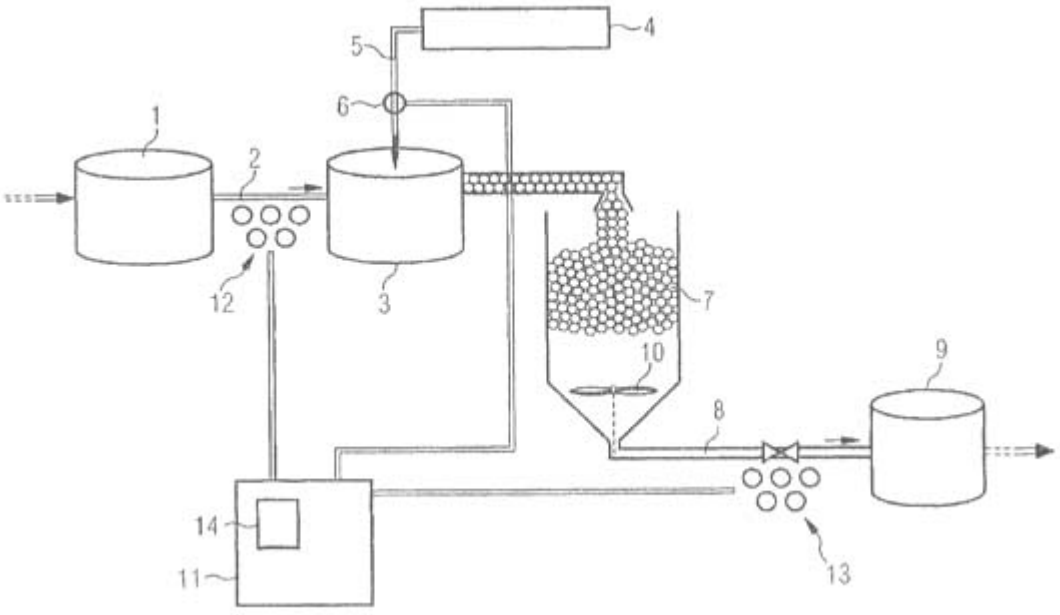
7)THOMAS , SCHMIDT
8)ALBRECHT , SIEBER
9)KLAUS , VILLFORTH

No of Pages : 17
No of Claims : 7

(57) Abstract :
The invention provides a method for controlling a bleaching process for waste paper treatment, which comprises the steps of preparing a fibrous material suspension, measuring the whiteness of the fibrous material suspension, mixing said fibrous material suspension with a bleaching agent, introducing the mixed fibrous material suspension into a bleaching vessel (7) and removing the mixed fibrous material suspension from said bleaching vessel after a certain period of time. Said method is characterised in that the bleaching agent contains a mixture of several substances, whereby the quantity and/or composition of the added bleaching agent is adjusted according to the measured whiteness of the fibrous material suspension, such that a set whiteness as constant as possible is obtained for the removed fibrous material suspension.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2257/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR ALLOCATING OVER CODES AND I/Q CHANNELS FOR REDUCING PEAK-TO-AVERAGE POWER RATIO IN TRANSMITTING DATA VIA ENHANCED UP-LINK DEDICATED CHANNELS IN WGDMA SYSTEM.

(51) International classification :H04B 7/26
(31) Priority Document No :9821/2004
(32) Priority Date :14/02/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000402
Filing Date :14/02/2005
(87) International Publication No :WO 2005/078964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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4)YONG-JUN KWAK
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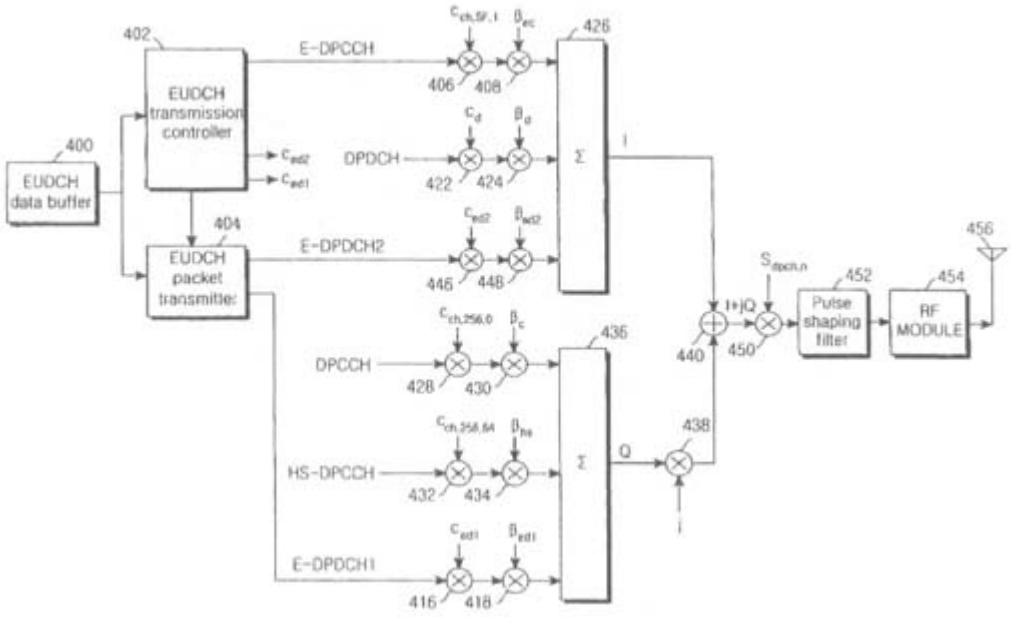
No of Pages : 52
No of Claims : 55

(57) Abstract :
The present invention supposes a situation in which an Enhanced Uplink Dedicated transport Channel (EUDCH) is used in a Wideband Code Division Multiple Access (WCDMA) system. In a user equipment (UE), when physical channels for transmitting EUDCH data are transmitted in addition to existing physical channels, a Peak-to-Average Power Ratio (PAPR) of an uplink transport signal increases. The increase in PAPR depends upon Orthogonal Variable Spreading Factor (OVSF) codes allocated to the corresponding physical channels and in-phase/quadrature-phase (I/Q) channels. Therefore, the present invention proposes an apparatus and method for allocating optimum OVSF codes and I/Q channels to EUDCH-related physical channels in order to minimize an increase in PAPR due to EUDCH.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2258/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SPLITTING OF OLIGOMERIC (METH) ACRYLIC ACID IN FLUID PHASE UNDER PRESSURE.

(51) International classification :C07C 51/347
(31) Priority Document No :10 2004 008 575.7
(32) Priority Date :19/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001705
Filing Date :18/02/2005
(87) International Publication No :WO 2005/080308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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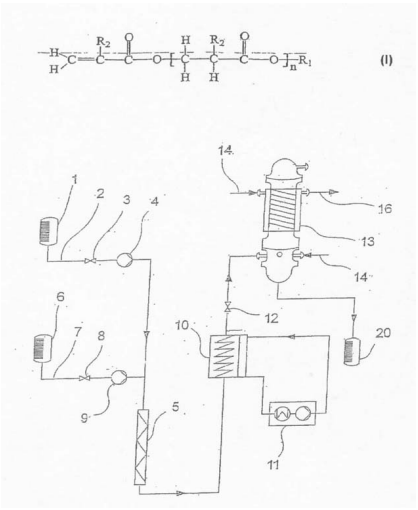
2)MOSLER, Jurgen
3)RATHKE, Thomas
4)THONG YU-CHIANG, Dennis
5)KOBUS, Axel
6)BURGHARDT, Rudolf
7)FRICKE, Michael Bernd
8)NORDHOFF Stefan

No of Pages : 42
No of Claims : 14

(57) Abstract :
The present invention relates to a process of a(meth)acrylic acid oli-gomer of structure I wherein R1 is a hydrogen atom or a C1 to C10 alkyl groups, R2 is a hydrogen atom or a methyl group, and n is a whole number within the range between 1 to 200, optionally in the present of a splitting agent of the structure R3-OH or of the structure (R4)2-N-H, whereby R3 is a hydrogen atom, a C1 to C12 alkyl group, or a-CxH2x-OH-group, whereby x is a whole number within a range from 1 to 12, and R4 is a hydrogen atom or a C1 to C12 alkyl group, with the proviso that not both R4 groups are hydrogen atoms, whereby the (meth)acrylic acid oligomers are heated with the splitting agent to a temperature of at least 50 deg C at a pressure of at least 1 bar.The present invention also relates to the use of water, optionally with a protic compound as splitting agent for splitting of(meth)acrylic acid oligomers, a device for (meth)acrylic acid synthesis, the use of this device for production of(meth) acrylic acid as well as(meth)acrylic acid which has been produced using this device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2259/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SHOWER HEAD ARRANGEMENT.

(51) International classification :E03C1/04;E03C1/06
(31) Priority Document No :10 2004 010 327.5
(32) Priority Date :25/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001857
Filing Date :23/02/2005
(87) International Publication No :WO 2005/080697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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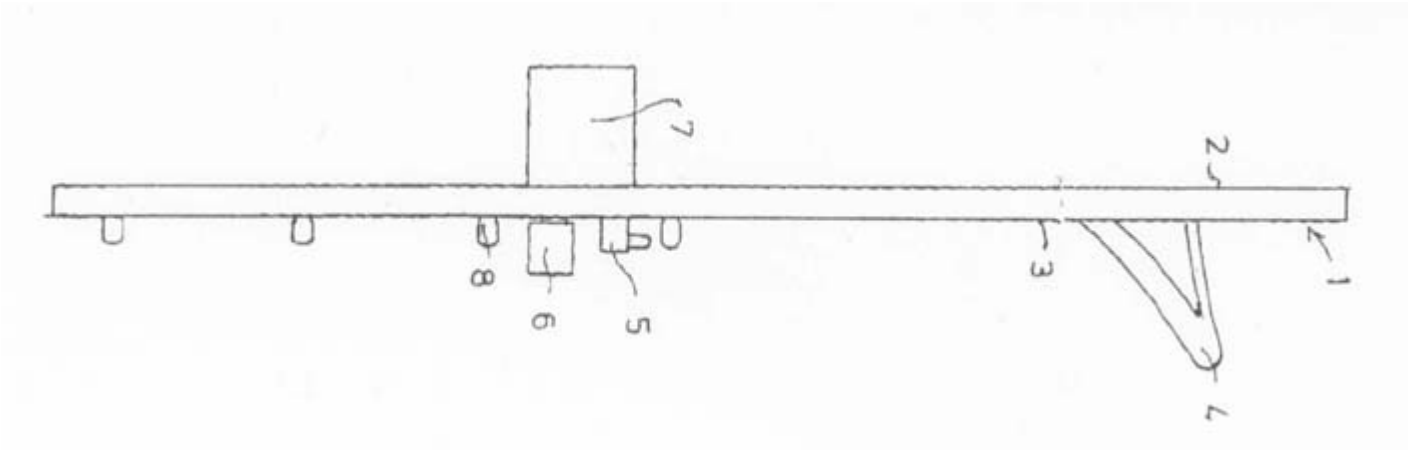
2)KUBE REINHARD

No of Pages : 11
No of Claims : 12

(57) Abstract :
The invention relates to a shower arrangement containing a long, flat profiled element to be vertically arranged, the plane rear side of said profiled element being embodied and defined in such a way as to be applied to a wall surface. A concealed fitting is arranged in the region of the rear side, said fitting engaging inside a concealed box in a recess in the wall surface. With the exception of operating elements and the shower attachment, there are no protruding parts on the front side of the profiled element, enabling the arrangement itself to have a flat structure. The space required for the sanitary fitting is provided behind the wall surface.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2260/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HINGE ACTUATOR

(51) International classification :B60R 1/074
(31) Priority Document No :1025437
(32) Priority Date :06/02/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2005/000081
Filing Date :04/02/2005
(87) International Publication No :WO 2005/075250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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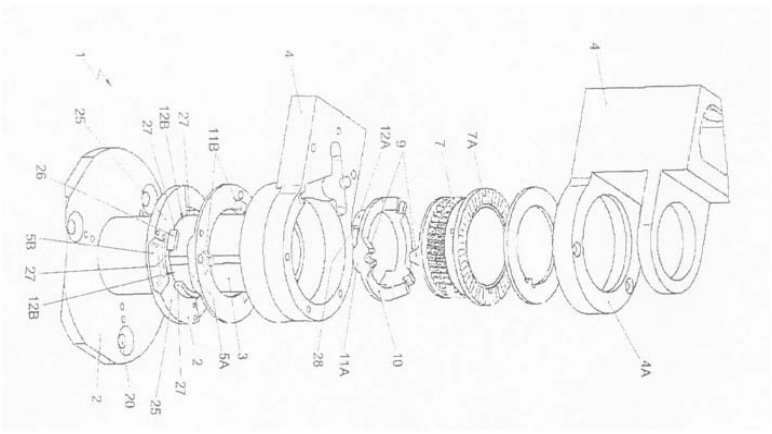
3)Hamming, Peter Alexander
4)Roose, Marinus
5)Schalkwijk, Andreas Johannes Petrus
6)van Slagmaat, Eric Gererdus Paulus
7)van Stiphout, Paulus Gerardus Maria

No of Pages : 13
No of Claims : 4

(57) Abstract :
A hinge actuator for a wing mirror unit, comprising a base plate for mounting on a motor vehicle, which base plate is provided with a base shaft having a mirror support pivotably arranged around it, wherein base plate and mirror support are provided with cooperating stops for defining a folded-out position of the mirror support relative to the base plate, further comprising a gear wheel arranged around the base shaft so as to be rotatable and axially movable under spring action, which gear wheel cooperates with an output part of a drive arranged on the mirror support, and which gear wheel further cooperates via coupling elements with a coupling ring which is likewise arranged around the base shaft so as to be axially movable under the action of the spring. The coupling ring is furthermore arranged about the base shaft so as to be rotatable with limited travel between a first angle alpha1 corresponding to the folded-out position and a second angle alpha2. The coupling ring furthermore can cooperate with the mirror support via a first set of stops, and can cooperate with the base plate via a second set of stops, such that in the first angle alpha1 of the coupling ring, the spring force is transmitted, through cooperation of the first set of cams, via the mirror support to the base plate, and in the second angular position alpha2 of the coupling ring, the spring force, through cooperation of the second set of stops while leaving the mirror support clear, is transmitted to the base plate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2261/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MOLD ASSEMBLY.

(51) International classification :B29C 45/33
(31) Priority Document No :10/801183
(32) Priority Date :17/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT4/036619
Filing Date :03/11/2004
(87) International Publication No : WO2005/095084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 7
No of Claims : 6

(57) Abstract :
A mold assembly wherein a cavity for molding is defined by primary mold cavity and primary mold core elements (22, 24) and a supplemental core element (16), the primary mold cavity (50) and primary mold core elements(22, 24) are carried by first and second mating mold components (12, 14) and the supplemental core element (16) is carried by a slide (18) moveable transversely relative to the direction of motion of the mating mold components (12, 14). The slide (18) is supported by the first mating mold component (14) and has an opening (36) therein for engaging an actuating pin (38) supported by the second mating mold component (12) at an angle oblique to the parting line face of the second mating mold component (12). The actuating pin (38) is removable retained in a support opening (48) in the parting line face of the second mating mold component (12) by means accessible from the second mating mold component parting line face.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2262/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMAGE ANALYSIS AND ASSAY SYSTEM.

(51) International classification	:C12Q 1/00,G01N 33/48
(31) Priority Document No	:60/537,454
(32) Priority Date	:15/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001656
Filing Date	:18/01/2005
(87) International Publication No	:WO 2005/072205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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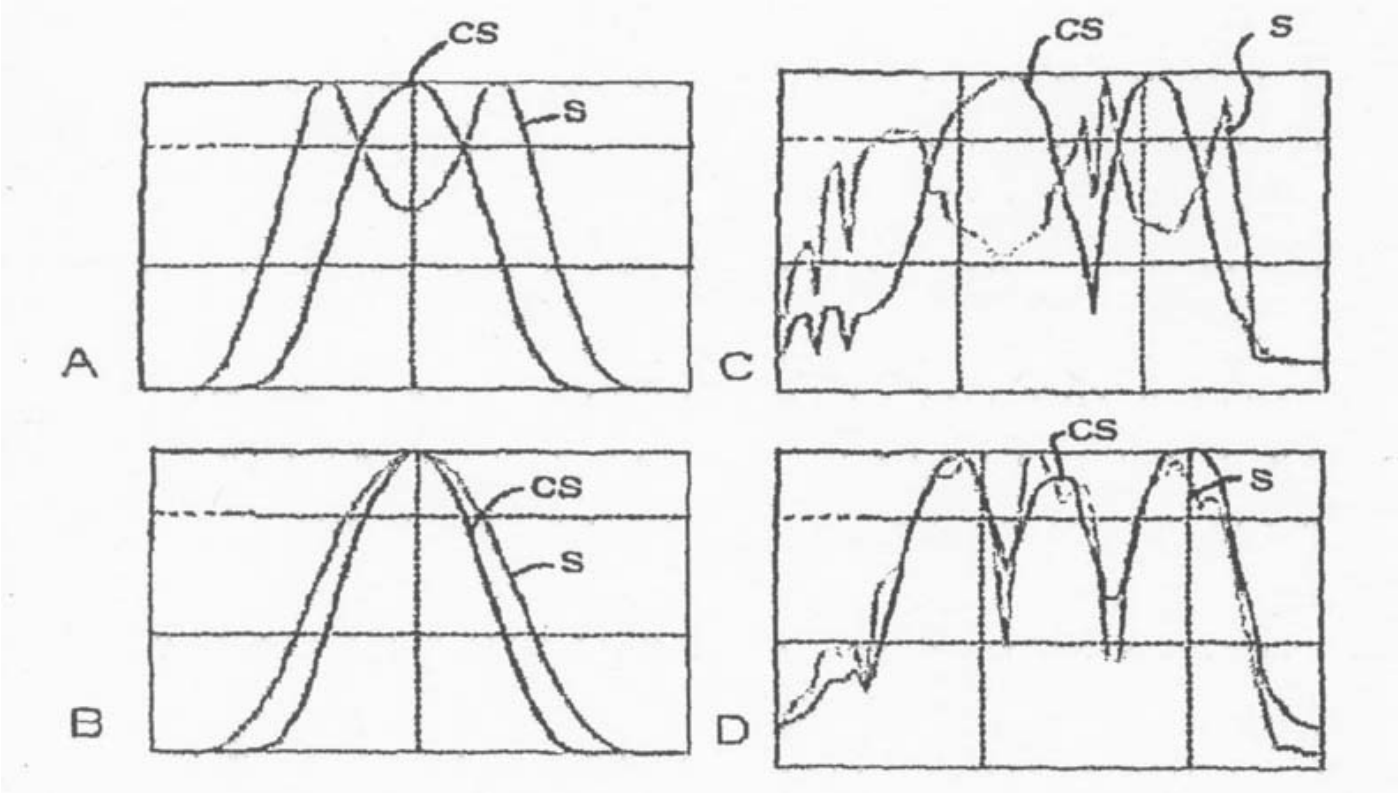
(72)**Name of Inventor :**
1)TEMOV,VLADIMIR
2)RAVKIN,ILYA

No of Pages : 51
No of Claims : 35

(57) Abstract :
Systems for determining and/or analyzing the distribution and dynamics of cellular components.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2263/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING TEXT SUBTITLES AND RECORDING AND REPRODUCING METHODS AND APPARATUSES"

(51) International classification :G11B 20/12,H04N5/445
(31) Priority Document No :60/542,852
(32) Priority Date :10/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2004/003068
Filing Date :26/11/2004
(87) International Publication No :WO 2005/076276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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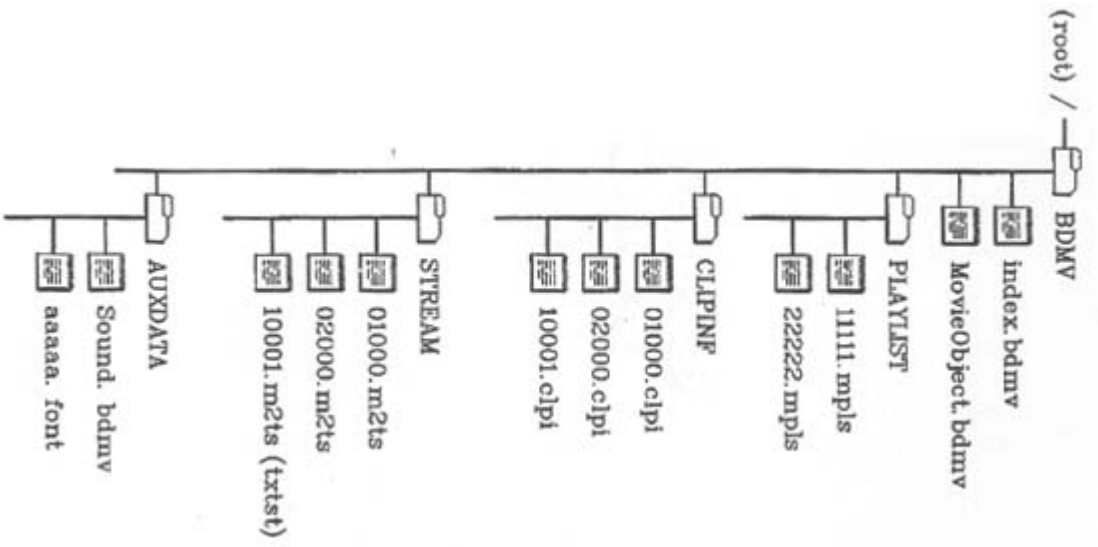
(72)**Name of Inventor :**
1)SEO KANG SOO
2)KIM BYUNG JIN
3)YOO JEA YONG

No of Pages : 48
No of Claims : 27

(57) Abstract :
In the data structure for managing text subtitles, a dialog presentation segment includes text subtitle data of each text subtitle for presentation during a presentation time slot. The dialog presentation segment provides a presentation time stamp start time and a presentation time stamp end time defining the presentation time slot such that the presentation time slot does not overlap a presentation time slot of another dialog presentation segment.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2264/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "PROGRAMMABLE RADIO TRANSCEIVER."

(51) International classification :H03F 1/08,H03F 1/22
(31) Priority Document No :60/543,418
(32) Priority Date :10/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004279
Filing Date :10/02/2005
(87) International Publication No :WO 2005/078916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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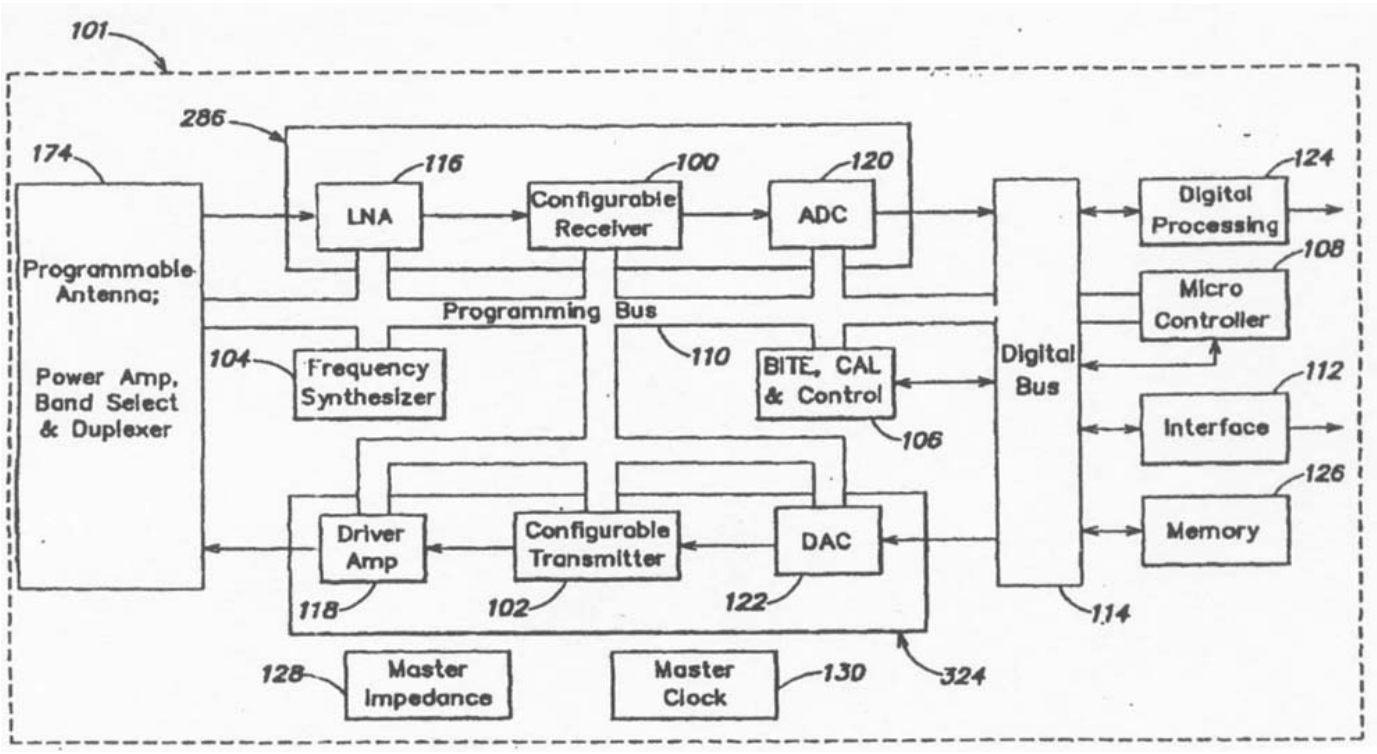
No of Pages : 86
No of Claims : 19

(57) Abstract :
A fully integrated, programmable mixed-signal radio transceiver comprising a radio frequency integrated circuit (RFIC) which is frequency and protocol agnostic with digital inputs and outputs, the radio transceiver being programmable and configurable for multiple radio frequency bands and standards and being capable of connecting to many networks and service providers. The RFIC includes a tunable resonant circuit that includes a transmission line having an inductance, a plurality of switchable capacitors configured to be switched into and out of the tunable resonant circuit in response to a first control signal, and at least one variable capacitor that can be varied in response to a second control signal, wherein a center resonant frequency of the resonant circuit is electronically tunable responsive to the first and second control signals that control a first capacitance value of the plurality of switchable capacitors and a second capacitance value of the at least one variable capacitor.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2265/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FLOOR PROCESSING MACHINE.

(51) International classification :B24B 41/047
(31) Priority Document No :0400328-1
(32) Priority Date :13/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000044
Filing Date :17/01/2005
(87) International Publication No :WO 2005/077599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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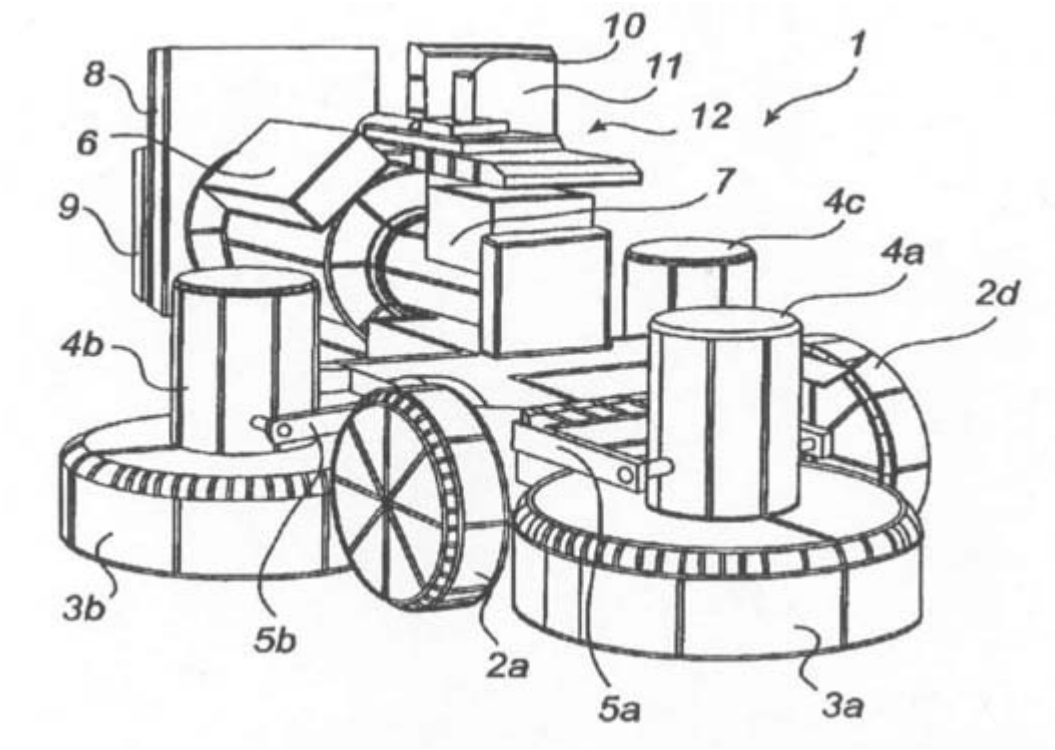
No of Pages : 28
No of Claims : 21

(57) Abstract :
A finishing machine (1) for finishing a work surface (20) which consists of a floor of terrazzo, marble, stone, concrete or the like, comprises at least two finishing units (3a, 4a; 3b, 4b; 3c, 4c, 300) which are supported by the frame (14, 100) of the finishing machine and which are arranged for grinding, polishing and/or machining of the work surface (20), and each machining unit comprises a motor (4a, 4b, 4c, 200) and a rotatably mounted working disc (41) driven by the motor. The finishing units (3a, 4a; 3b, 4b; 3c, 4c, 300) are individually tillable relative to the frame (14,100) about respective axes that are substantially parallel to the work surface (20).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2266/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "QUINOLINE INTERMEDIATES OF RECEPTOR TYROSINE KINASE INHIBITORS AND THE SYNTHESIS THEREOF".

(51) International classification	:C07D215/54; C07D295/14; C07D295/155; C07
(31) Priority Document No	:60/537,329
(32) Priority Date	:16/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001384
Filing Date	:14/01/2005
(87) International Publication No	:WO 2005/070890
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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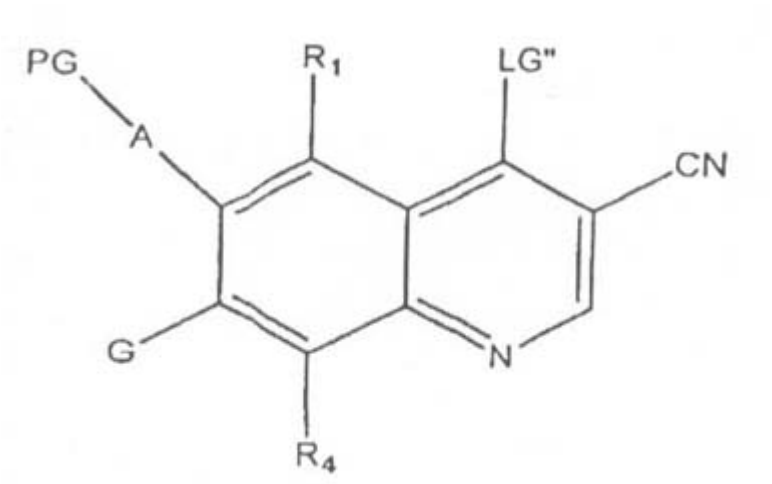
2)WARREN CHEW
3)PAPAMICHELAKIS MARIA

No of Pages : 52
No of Claims : 25

(57) Abstract :
This invention is directed to methods of preparing 4-substituted quinoline compounds as intermediates in the manufacture of receptor tyrosine kinase inhibitors and intermediate compounds used in the methods thereof, wherein the 4-substituted quinoline compound has the general formula (I); and wherein substitutions at LG", PG, A, G, R1 and R4 are set forth in the specification.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2267/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHODS AND SYSTEMS FOR THE DISPLAY AND NAVIGATION OF A SOCIAL NETWORK."

(51) International classification	:G06Q10/00; G06Q10/00
(31) Priority Document No	:60/538,035
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/00240
Filing Date	:20/01/2005
(87) International Publication No	:WO 2005/072315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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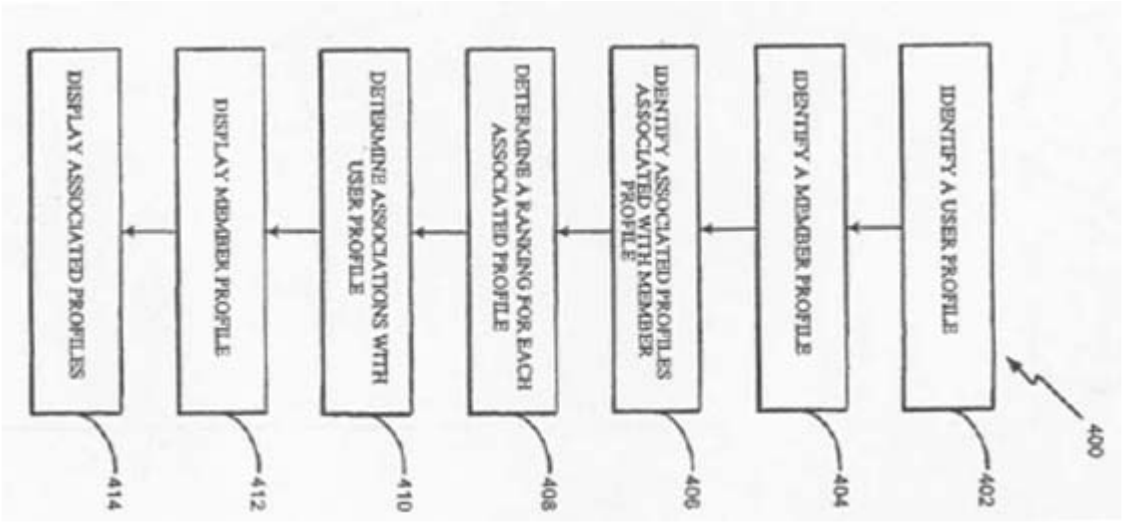
2)SMITH,ADAM DOUGLAS

No of Pages : 36
No of Claims : 39

(57) Abstract :
Systems and methods for the display and navigation of a social network or set forth. According to one embodiment a method comprising identifying a first profile in a social network, identifying associated profiles associated with the first profile, ranking the associated profiles, wherein ranking is not based exclusively on a degree of separation, and outputting the associated profiles based at least in part on the ranking is set forth. According to another embodiment a method comprising identifying a user profile, identifying a member profile, determining an association path for the user profile and the member profile, and outputting the association path is set forth.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2268/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHODS AND SYSTEMS RATING ASSOCIATED MEMBERS IN A SOCIAL NETWORK."

(51) International classification :G06Q 30/00
(31) Priority Document No :60/536,584
(32) Priority Date :21/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001544
Filing Date :20/01/2005
(87) International Publication No :WO 2005/071588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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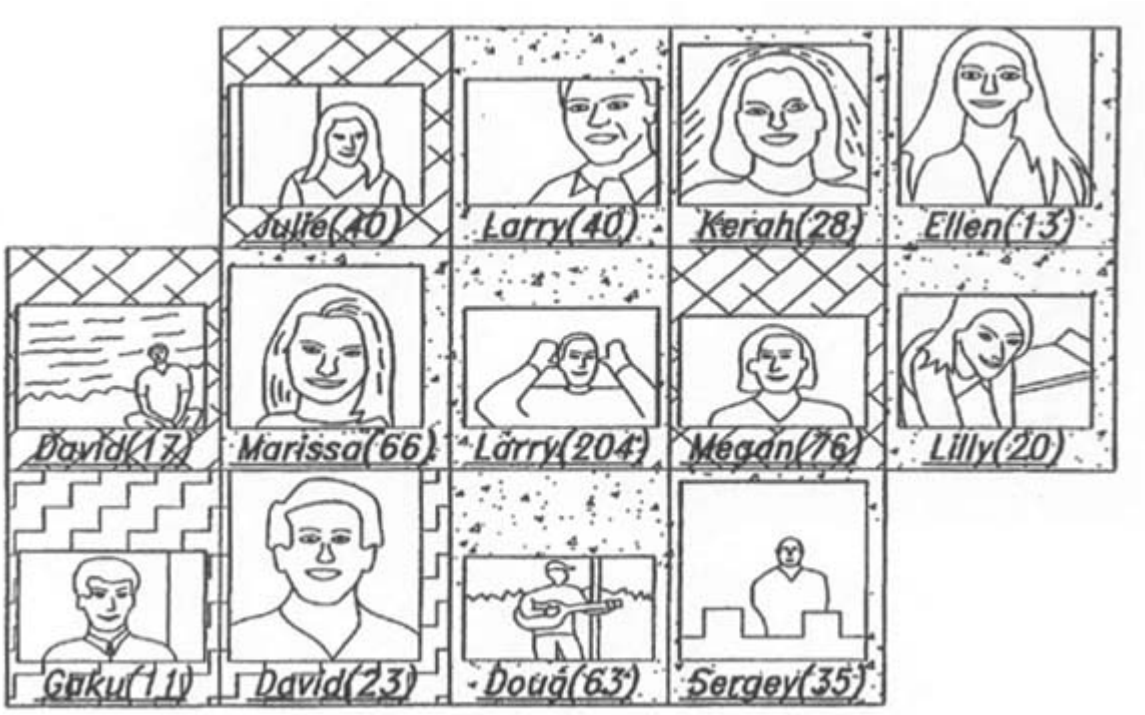
2)SMITH,ADAM DOUGLAS

No of Pages : 31
No of Claims : 31

(57) Abstract :
Systems and methods for rating associated members in a social network are set forth. According to one embodiment a method comprising outputting a ratings interface for rating at least one member of a social network associated with a user, wherein the rating interface provides the user with the ability to rate the member in one or more categories, receiving ratings for the member from the user, associating the ratings with the member, and connecting the ratings for the member with the user is set forth.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2269/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING VARIOUS DATA STREAMS AND RECORDING AND REPRODUCING METHODS AND APPARATUSES

(51) International classification	:G11B20/10; G06F17/21; G11B20/12
(31) Priority Document No	:60/542,850
(32) Priority Date	:10/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2004/002617 :13/10/2004
(87) International Publication No	:WO 20050/74393
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisionalto Application Number Filing Date	:NA :NA

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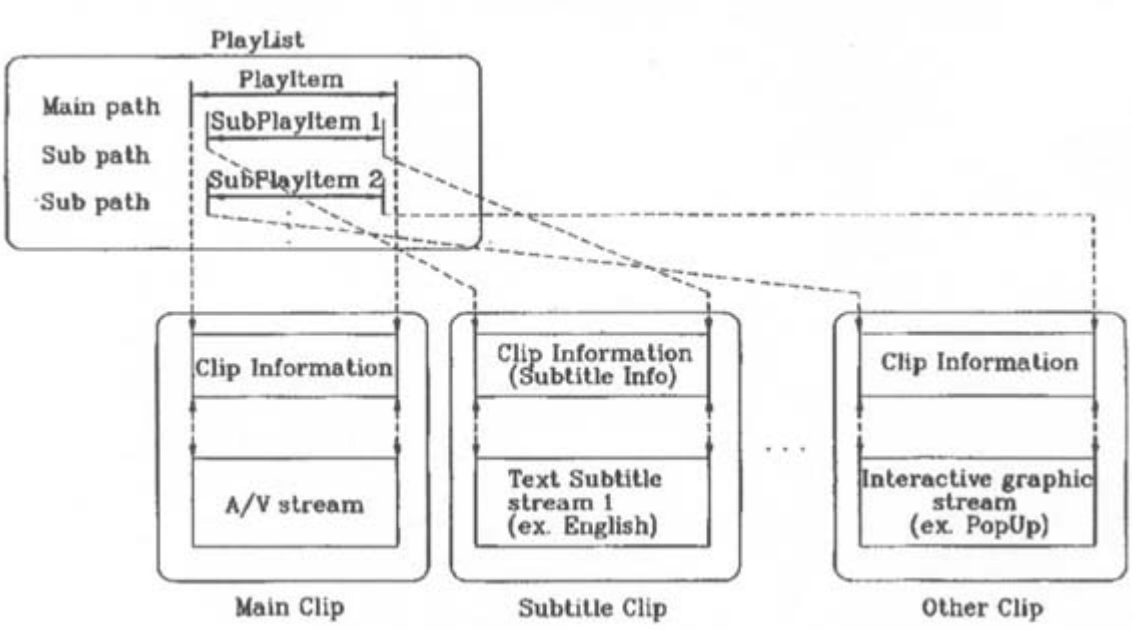
1)KIM BYUNG JIN
2)YOO JEA YONG
3)SEO KANG SOO

No of Pages : 29
No of Claims : 30

(57) Abstract :
In the data structure for managing reproduction of various data streams, at least one navigation directory, a stream directory and an auxiliary directory is provided. The stream directory includes at least one stream file of main data and at least one stream file of supplemental data. The auxiliary directory has at least one auxiliary file of auxiliary data associated with the supplemental data, and the auxiliary file has a different file name extension than the stream file name extensions. The navigation directory includes navigation information for reproducing the main and supplemental data.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006

(21) Application No.2270/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOUNDS WITH ATYPICAL ANTIPSYCHOTIC ACTIVITY.

(51) International classification	:C07D 487/04
(31) Priority Document No	:RM2004A000178
(32) Priority Date	:07/04/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2005/000182
Filing Date	:05/04/2005
(87) International Publication No	:WO 2005/097797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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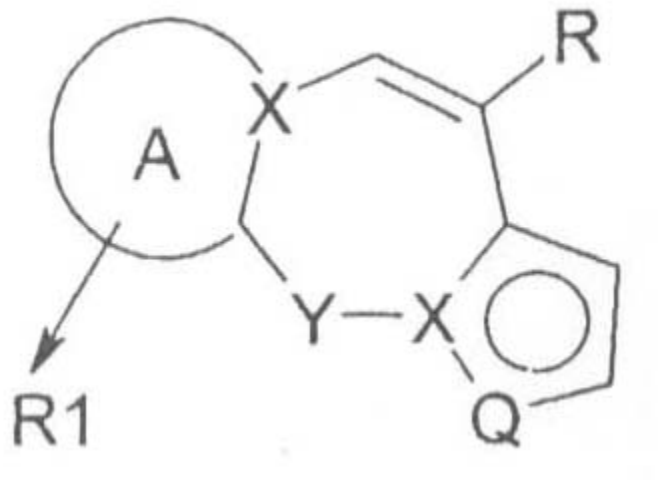
2)DI CESARE MARIA ASSUNTA
3)CAMPIANI GIUSEPPE
4)BUTINI STEFANIA

No of Pages : 32
No of Claims : 13

(57) Abstract :
Formula (I) compounds with atypical antipsychotic activity where the meanings of the various groups are as described here below, are endowed with activity characteristic of atypical antipsychotic agents, and therefore are useful as medicaments, particularly for the treatment of schizophrenia, paranoid states, manic-depressive states, affective disorders, social regression, personality regression and hallucinations.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2271/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR THE IDENTIFICATION AND CONFIGURATION OF DEVICES IN A WIRELESS COMMUNICATIONS NETWORK

(51) International classification :H04Q 7/32
(31) Priority Document No :0450263
(32) Priority Date :13/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/EP2005/050603
Filing Date :10/02/2005
(87) International Publication No :WO 2005/088995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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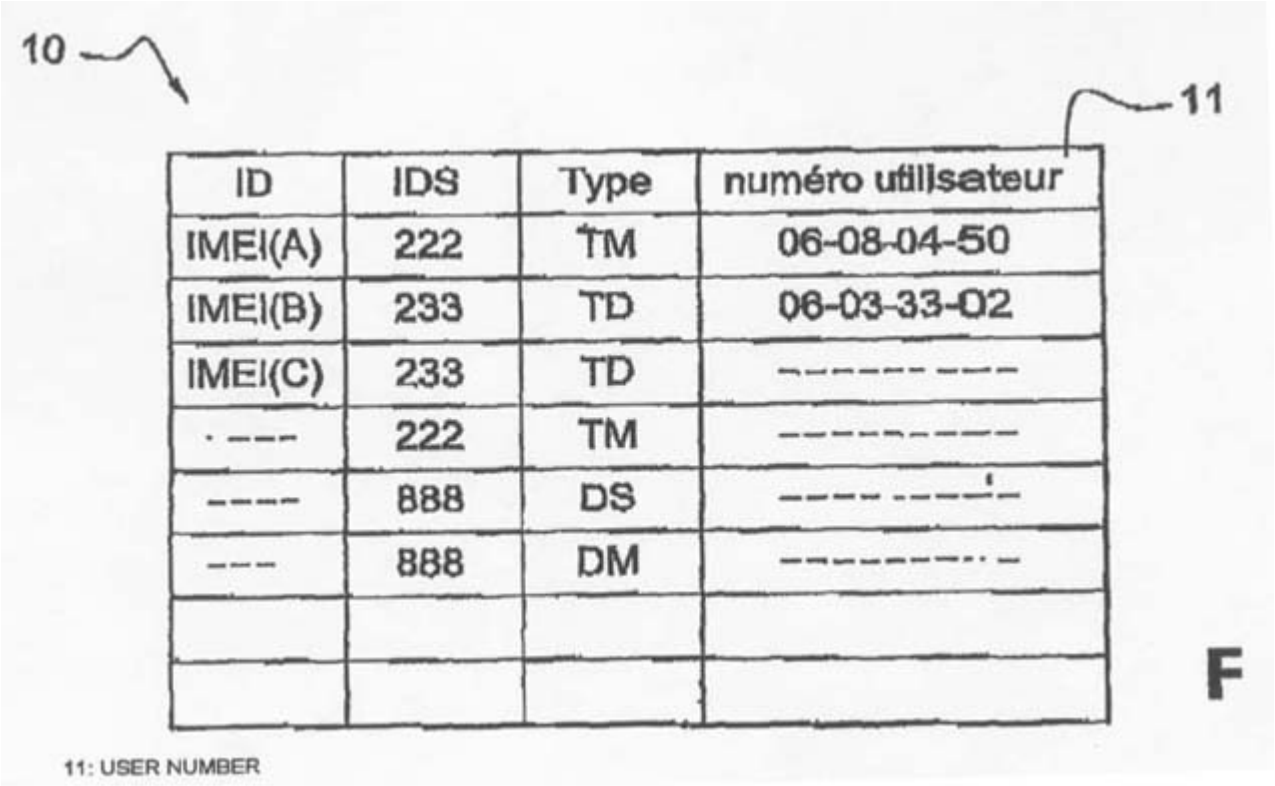
1)SEIMANDI PIERRE
2)DUMAY, PHILIPPE

No of Pages : 19
No of Claims : 13

(57) Abstract :
The invention relates to a method for the identification of technical capabilities of communication devices in a wireless communications network. The inventive method comprises the following steps consisting in: transmitting at least one device identifier to a server centre, and processing the identifier such as to store at least one indication of the capabilities of the device in relation to the co-ordinates of the user. According to the invention, a simplified identifier is established for each type of device sharing a set of technical capabilities and is subsequently made available to the user who transmits same to the server centre in an automatically-processable form. The invention also relates to the server centre and to the applications of the method for the configuration of communication devices and/or the provision of services adapted to said devices.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2272/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTI-HUMAN TENASCIN MONOCLONAL ANTIBODY.

(51) International classification :C07K16/30; C07K16/18;
(31) Priority Document No :RM2004A000105
(32) Priority Date :27/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2005/000078
Filing Date :16/02/2005
(87) International Publication No :WO 2005/082938
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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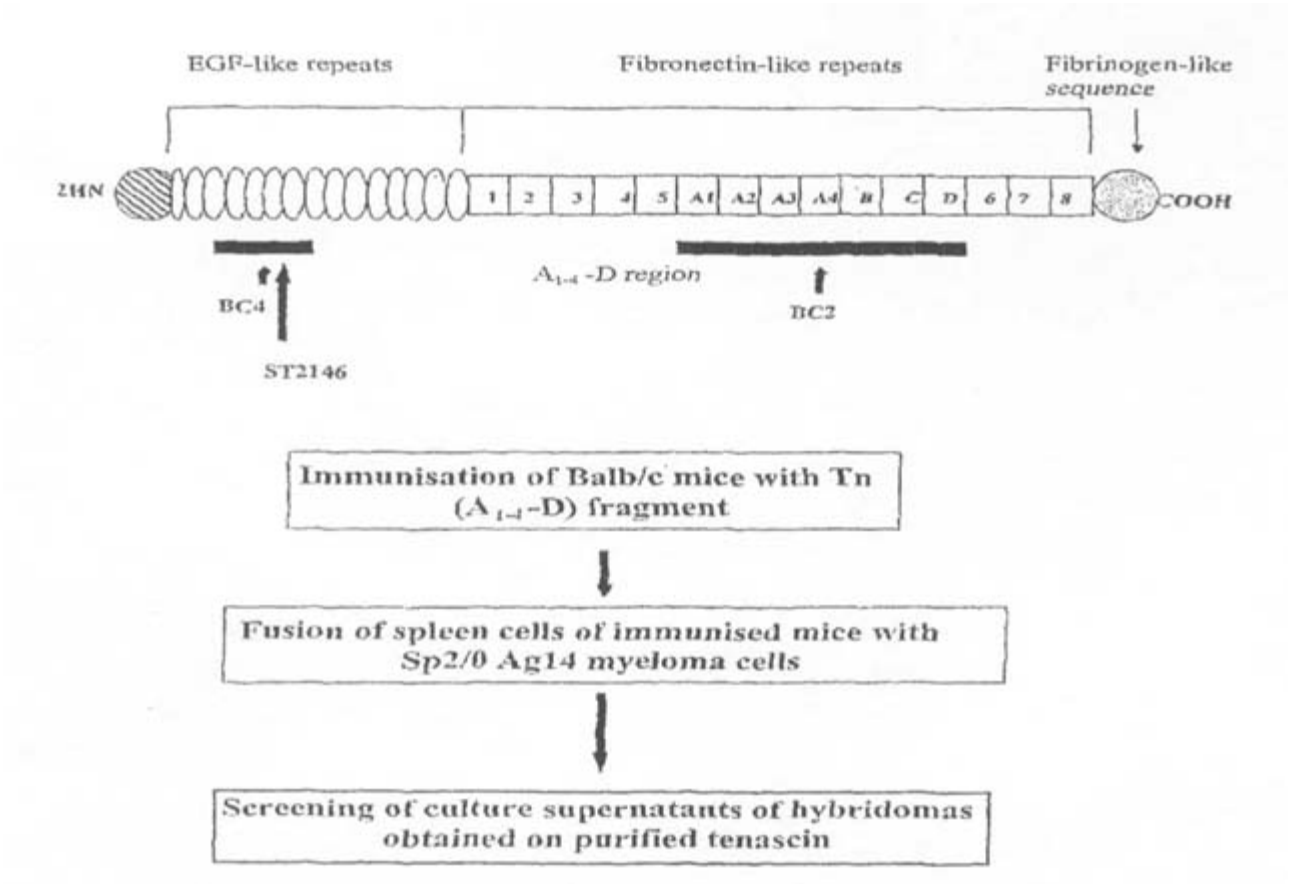
2)PELLICCIA, ANGELA
3)PALOMBO, GIOVANNA
4)CARMINATI, PAOLO

No of Pages : 60
No of Claims : 34

(57) Abstract :
An anti-human tenascin monoclonal antibody is described, whose light and heavy chain variable region sequences are SEQ ID NO: 1 and SEQ ID NO: 2, respectively, its proteolytic fragments capable of binding to an antigenic epitope within the region A(1-4)-D of human tenascin, its recombinant derivatives, its conjugates and its similar functional analogues capable of binding to an antigenic epitope within the A(1-4)-D region of human tenascin.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2006
(21) Application No.2273/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ESTERS OF HYALURONIC ACID WITH RHEIN, PROCESS FOR THEIR PREPARATION AND COMPOSITIONS COMPRISING THE SAME

(51) International classification :C08B 37/00
(31) Priority Document No :MI2004A000347
(32) Priority Date :26/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2005/000506
Filing Date :25/02/2005
(87) International Publication No :WO2005085293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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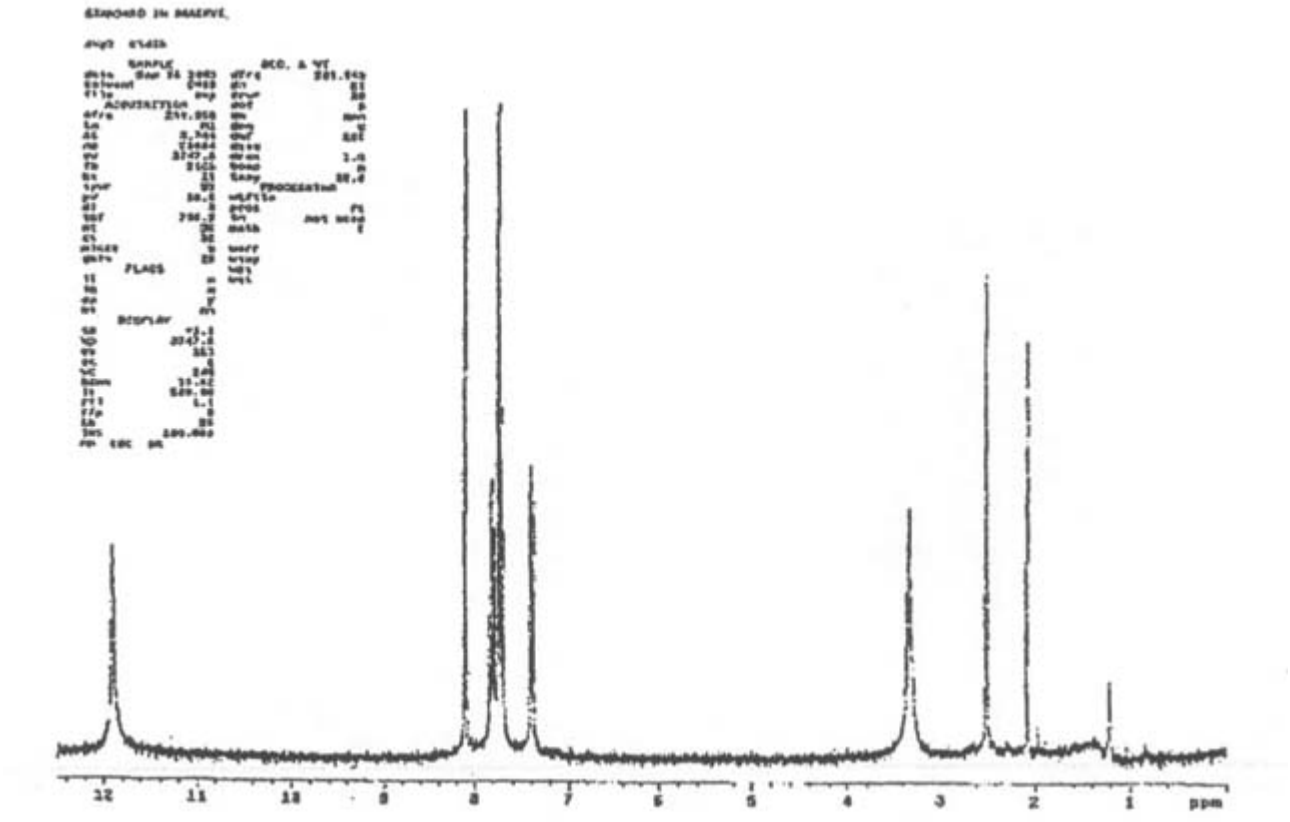
(72)**Name of Inventor :**
1)PIETRANGELO ANTONELLO
2)TRAVAGLI VALTER

No of Pages : 30
No of Claims : 36

(57) Abstract :
The present invention relates to esters of hyaluronic acid with rhein, more particularly to a compound based on hyaluronic acid,wherein alcohol groups of hyaluronic acid are esterified with rhein, to a process for preparing said ester and to a pharmaceutical composition comprising said ester.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2274/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTIMODE/MULTIBAND MOBILE STATION AND METHOD FOR OPERATING THE SAME

(51) International classification :H04B 1/40
(31) Priority Document No :60/553,104
(32) Priority Date :15/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/000743
Filing Date :15/03/2005
(87) International Publication No :WO2005/088847 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Woo-Yong LEE
3)Young-Il SON
4)Seong-Eun KIM
5)Michael L.BROBSTON
6)Lup M.LOH

No of Pages : 50
No of Claims : 42

(57) Abstract :
A multimode/multiband mobile station and a method for operating the same are provided. A transmission module transmits multimode/multiband signals through transmitters. A reception module receives radio signals for different services of the same frequency band among multimode/multiband signals through receivers for the same frequency band, and receives radio signals of different frequency bands among the multimode/multiband signals through receivers for the different frequency bands. As compared with the conventional mobile station, the multimode/multiband mobile station can reduce the number of receivers by making use of one receiver to receive radio signals for different services of the same frequency band. The multimode/multiband mobile station can use a duplexer of the conventional frequency division duplex (FDD) technique (e.g., wideband code division multiple access (WCDMA)) in a time division duplex (TDD) technique (e.g., Global System for Mobile Communication (GSM) 850 or Personal Communication Service (PCS) 1900).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2275/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR DEPLOYING EFFICIENT BROADCAST MULTICAST SERVICES IN A WIRELESS NETWORK, SYSTEM USING THE SAME AND MESSAGE STRUCTURE THEREFOR

(51) International classification :H04B 7/216
(31) Priority Document No :60/553,651
(32) Priority Date :16/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/000760
Filing Date :16/03/2005
(87) International Publication No :WO 2005/088874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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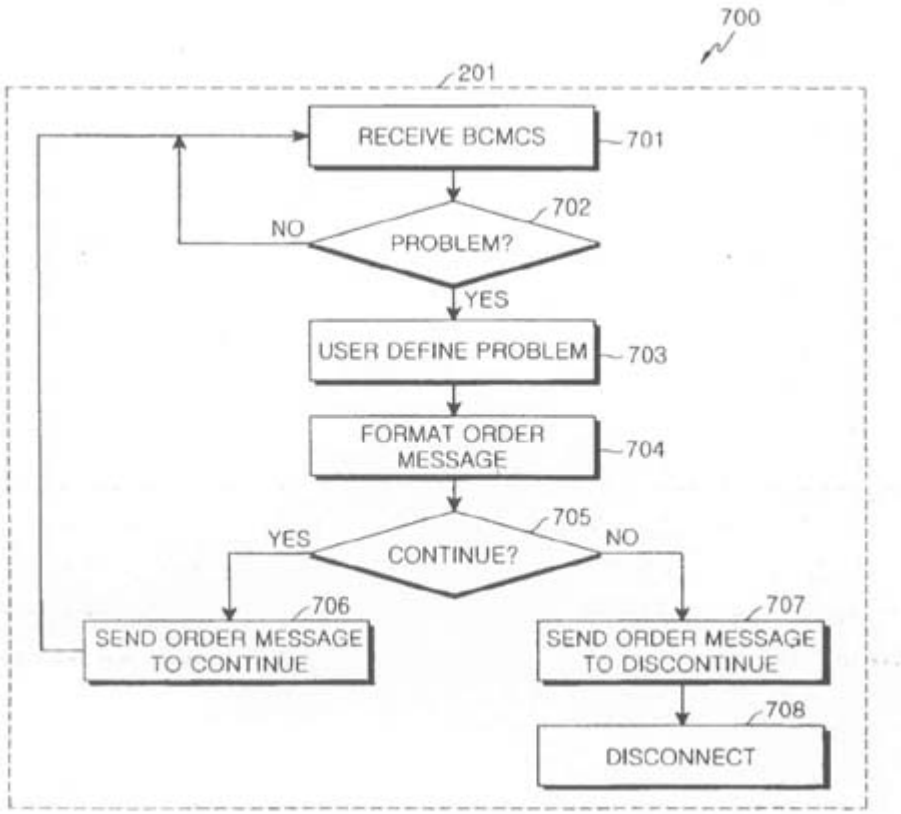
(72)**Name of Inventor :**
1)Purva R.RAJKOTIA

No of Pages : 23
No of Claims : 46

(57) Abstract :
Present invention relates to a technique of deploying a efficient broadcast multicast service to mobile stations from a base station which broadcasts multicast data in a wireless network , wherein each of the mobile stations inputs a user input information indicating a quality of service(QoS) feature to generate a message based on the inputted user input information, and to transmit the generated message to the base station broadcasting the multicast data, whereby the base station which has received the message can optimize the multicast data transmissions based on the information included in the massage, and the mobile station can inform yes/no continuous reception of the multicast data service to the base.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2276/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE ENERGY CONVERSION OF SOLAR RADIATION INTO ELECTRIC POWER AND HEAT WITH COLOUR SELECTIVE INTERFERENCE FILTER REFLECTORS AND A CONCENTRATOR SOLAR COLLECTOR WITH COLOUR-SELECTIVE REFLECTORS AS AN APPLICANCE FOR

(51) International classification :H01L 31/052
(31) Priority Document No :102004005050.3
(32) Priority Date :30/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000889
Filing Date :29/01/2005
(87) International Publication No :WO 2005/074041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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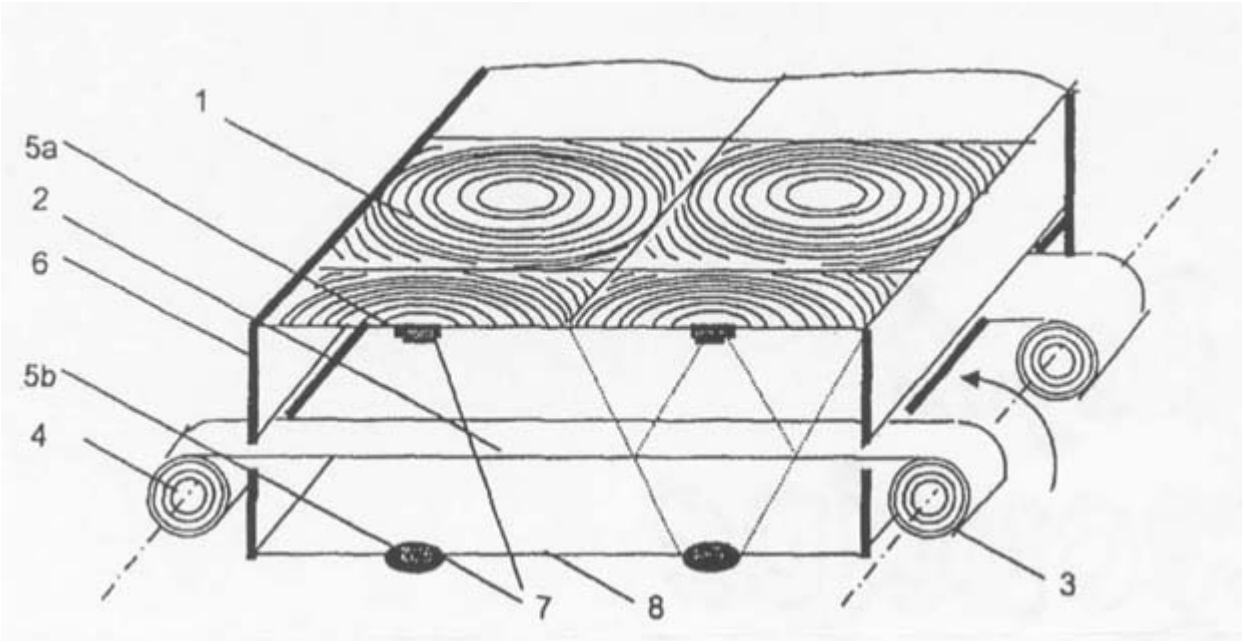
1)SCHULZ, DETLEF

No of Pages : 30
No of Claims : 11

(57) Abstract :
The invention concerns a process and an appliance of a concentrator solar collector that are used to split up solar radiation with the help of colour-selective reflectors into several spectral colours and to concentrate this radiation on photovoltaic cells made of semi-conductors that have been optimised for different light colours. The invention is aimed at converting solar radiation into electric power and heat with a high efficiency.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2277/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LEVER HANDLE DOOR FURNITURE

(51) International classification	:E05B 1/00,E05B 3/00
(31) Priority Document No	:2004900899
(32) Priority Date	:24/02/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000152
Filing Date	:08/02/2005
(87) International Publication No	:WO 2005/080713
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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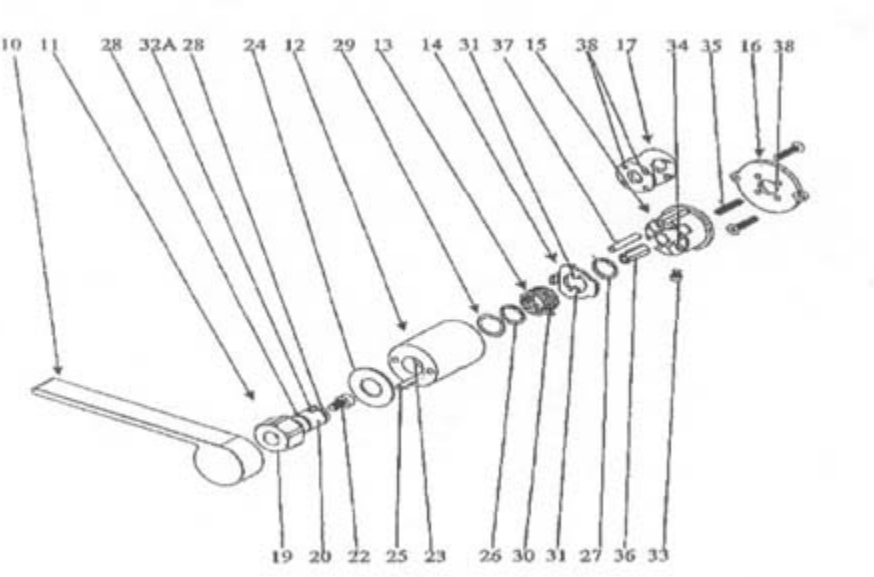
2)WATSON,ROBERT,JOHN

No of Pages : 10
No of Claims : 13

(57) Abstract :
A handle assembly comprises a handle, a handle spigot to which the handle is attached, biasing means to bias the handle to a closed position, an operating plate which is rotatable by the handle spigot , a mounting stock , and a housing , the spigot , biasing means , operating plate and a majority of the mounting stock being positioned within the housing, the mounting stock being securable to the housing to hold all said the components within the housing . In this manner, the handle assembly can be made as a "complete" unit with all the internal components being in position and with the handle being rotatably attached relative to the housing . Thus, no separate rose is required. Another advantage is that the unit can be assembled using a substantially concealed fixing arrangement to improve security and also to improve the aesthetic appeal of the assembly.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2278/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS AND SYSTEMS FOR VOTER-VERIFIED SECURE ELECTRONIC VOTING

(51) International classification :NOT CLASSIFIED
(31) Priority Document No :60/558,751
(32) Priority Date :31/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042606
Filing Date :13/12/2004
(87) International Publication No :WO 2005/101992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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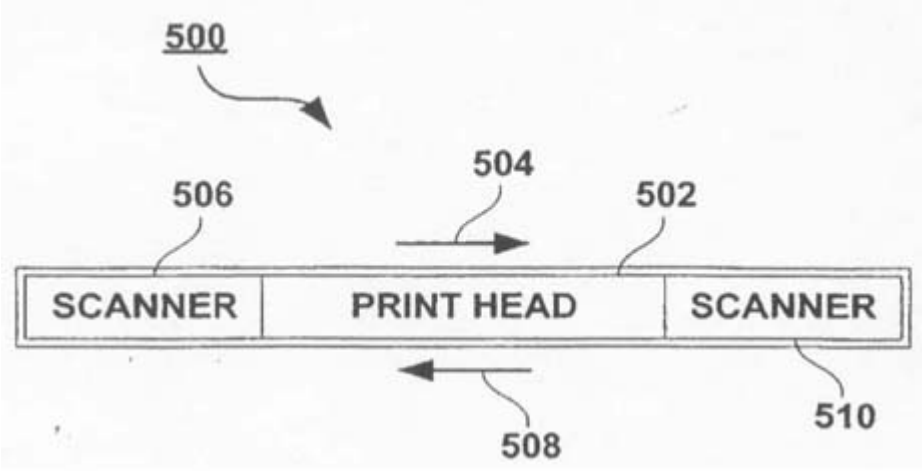
1)JOHNSON, RICHARD C.

No of Pages : 20
No of Claims : 43

(57) Abstract :
Votes are cast using an electronic voting machine that is configured to transmit the votes cast in electronic form and to memorialize the votes in a persistent and tangible form (such as a printed paper ballot, for example) that is both machine and human readable. To ensure that the voter has the ability to verify that his or her completed ballot accurately reflects his or her voting choices, the present voting machine is configured to securely present the printed ballot for the voter's visual inspection prior to finalizing the voting process. The present electronic voting machine is preferably configured with a read-after-write functionality, wherein one or more scanners read what the voting machine's print head prints, during or immediately after the printing process. The present voting systems and methods are configured such that the voting procedures for absentee and non-absentee voters are parallel and identical, except that the voting card is carried by the absentee voter and not limited to the local polling place.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2279/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HIGHLY MICROPORUS POLYMERS AND METHODS FOR PRODUCING AND USING THE SAME

(51) International classification :C02F 1/28
(31) Priority Document No :60/537,005
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001759
Filing Date :20/01/2005
(87) International Publication No :WO2005/123599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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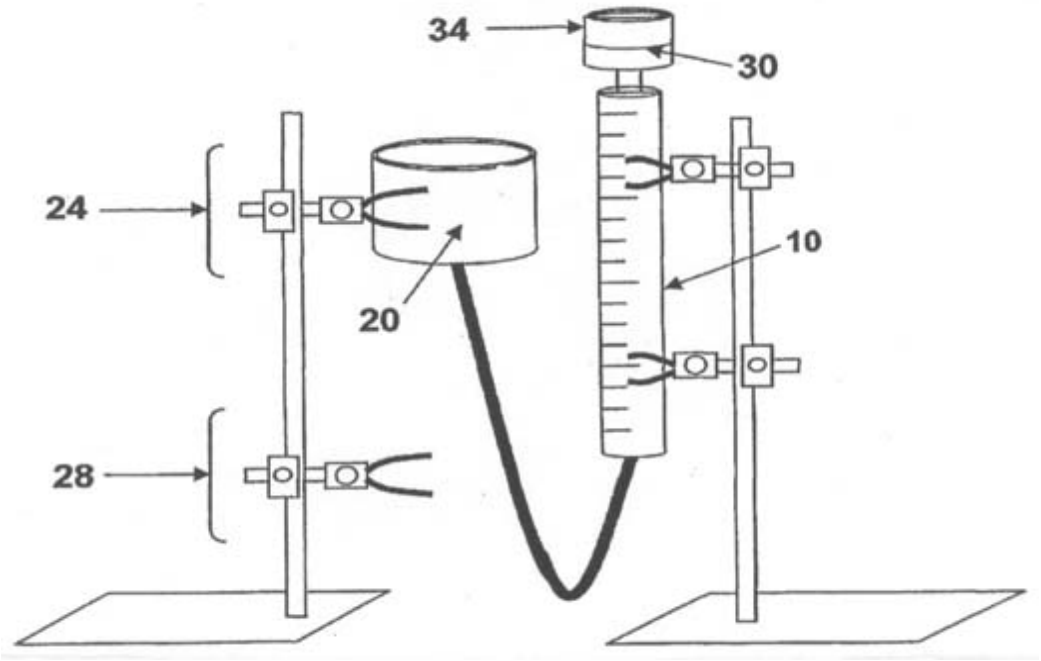
2)FACCIO ENRICO
3)TONIN ANDREA

No of Pages : 27
No of Claims : 34

(57) Abstract :
The present invention provides microporous polymers and methods for producing and using the same. In particular, microporous polymers of the present invention are highly porous as indicated by a Gurley air permeability flow rate of about 4 seconds or less per mL of air flow per 25 micron of microporous polymer thickness per square inch.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2280/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SODA-LIME-SILICATE GLASS COMPOSITION

(51) International classification :C03C 3/078
(31) Priority Document No :0400922
(32) Priority Date :30/01/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050048
Filing Date :27/01/2005
(87) International Publication No :WO 2005/075368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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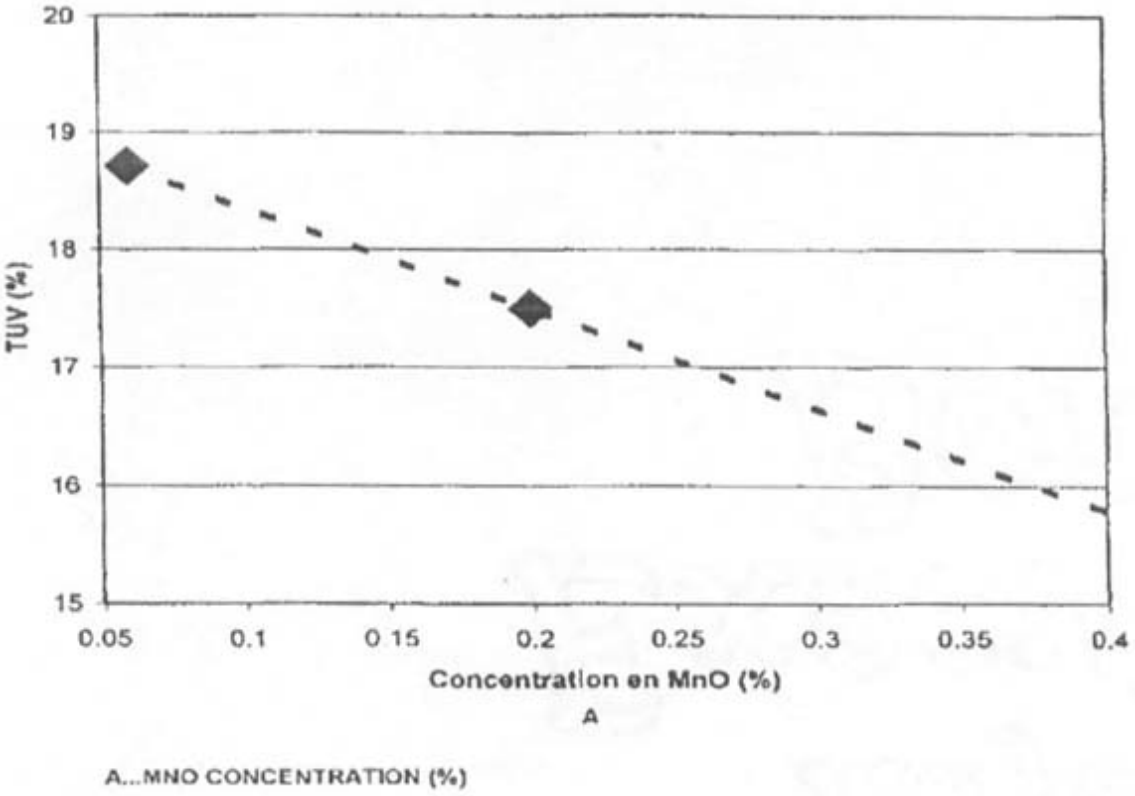
1)MAQUIN Bertrand
2)FOSSE, LUCIEN

No of Pages : 25
No of Claims : 18

(57) Abstract :
The invention relates to a clear glass composition of the soda-lime-silicate type that absorbs ultraviolet radiation, which composition includes optical absorbents below in contents varying within the following weight limits: Fe2O3 (total iron) 0.11 to 0.15% V2O5 (total vanadium) 0.11 to 0.40% MnO (total manganese) 0.05 to 0.40% and which has, for a thickness of 3 mm, an ultraviolet transmission not exceeding 40% and chromatic coordinates (a*,b*) of between -3 and 3.It also relates to glass hollowware or flat articles, obtained from the aforementioned composition.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2281/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUBSTITUTED PIPERAZINES (14) DIASZEPINES AND 2,5-DIAZABICYCLO (2,2.1) HEPTANES AS HISTAMINE H1 AND/OR H3 ANTAGONISTS OR HISTAMINE H3 REVERSE ANTAGONISTS

(51) International classification :A61P 11/00
(31) Priority Document No :0224084.4
(32) Priority Date :16/10/2002
(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) DivisionalApplication Number :
00566/KOLNP/2005
Filed on :04/04/2005

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7)HODGSON SIMON TEANBY
8)LINDON MATHEW J.
9)WILSON DAVID MATTHEW
10)HANCOCK ASHLEY PAUL

No of Pages : 137
No of Claims : 8

(57) Abstract :
The present invention relates to novel piperazine and azepine derivatives having pharmacological activity, processes for their preparation, to compositions containing them and to their use in the treatment of neurodegenerative disorders including Alzheimer's disease.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2282/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DERIVATIVES OF ALKYLPIPERAZINE- AND ALKYLHOMOPIPERAZINE- CARBOXYLATES, PREPARATION METHOD THEREOF AND FAAH ENZYME INHIBITORS

(51) International classification :A61K 31/551
(31) Priority Document No :0401953
(32) Priority Date :26/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000450
Filing Date :25/02/2005
(87) International Publication No :WO 2005/090322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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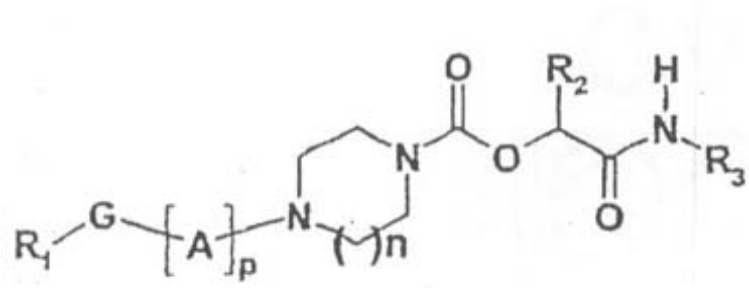
2)ALMARIO GARCIA ANTONIO
3)HOORNAERT CHRISTIAN
4)LI ADRIEN TAK

No of Pages : 53
No of Claims : 12

(57) Abstract :
The invention relates to a compound having general formula (I), wherein: n = 1 or 3; p represents an integer varying between 1 and 7; A is selected from one or more X, Y and/or Z groups; X = optionally-substituted methylene; Y = C2-alkeny-lene, optionally substituted, or C2-alkynylene; Z = C3.7.cycloalkyl; G=single bond, O, S, SO, SO2, C=O or CH(OH); R1 represents an aryl- or heteroaryl-type group; and R2 represents a hydrogen atom or a G1.6-alkyl group; R3 represents a hydrogen atom or a Chalky!, C3-7.-cycloalkyl, C3.7-cycloalkyl-C1.3-alkyl group, said compound taking the form of a base, an acid addition salt, a hydrate or a solvatc. The invention also relates to the use thereof as FAAH enzyme inhibitors for the treatment of pain, inflammation, neurode-gencrative diseases, etc



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2283/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AN AQUEOUS SOLUTION FOR USE AS MEDIUM FOR THE SPECIFIC BINDING REACTION OF A BINDING PAIR.

(51) International classification :G01N33/543
(31) Priority Document No :NA
(32) Priority Date :26/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/050209
Filing Date :26/02/2004
(87) International Publication No :WO 2005/083433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAUCH, PETER
2)POLIFKE, TOBIAS
3)ZELLMER, ANGELA

No of Pages : 26
No of Claims : 27

(57) Abstract :
The present invention refers to an aqueous solution for use as medium for the specific binding reaction of a binding pair, wherein a first binding member recognises its complementary second binding member, the solution comprising a) a buffer to control pH; b) a compound A selected from the group consisting of: a compound defined by the general formula I R1-[[CR2R3]p-O]q-R4, wherein R1 is hydrogen or hydroxy group, R2 for each unit independently is hydrogen or hydroxy group, R3 is hydrogen, methyl group, ethyl group. R4 is hydrogen or alky] group, p is an integer of from 2 to 10 and q is an integer of from 1 to 100, with the proviso that the compound at least carries two hydroxy groups; polyol; saccharide; c) a non-ionic detergent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006

(21) Application No.2284/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STATIONS THAT ARE CONNECTED TO A CONFERENCE SYSTEM VIA EXTERNAL NETWORK UNITS.

(51) International classification	:H04L12/18
(31) Priority Document No	:10 2004 009314.8
(32) Priority Date	:26/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCD/EP2005/050835
Filing Date	:28/02/2005
(87) International Publication No	:WO2005/083936
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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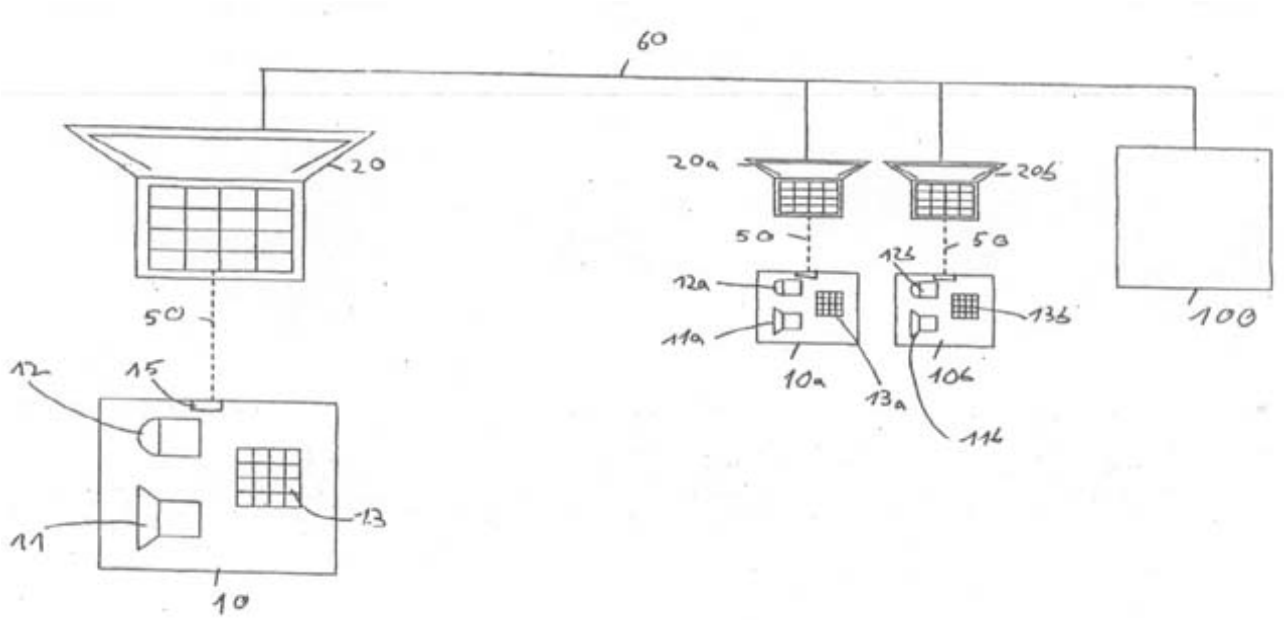
(72)**Name of Inventor :**
1)GLEISSNER ACHIM

No of Pages : 12
No of Claims : 9

(57) Abstract :
There is proposed a conference speech station for a conference system, which has an audio unit for changing audio signals into first signals, a signal processing unit further converts the first signals into second signals and an interface sends the second signals to an external network unit. A conference speech station of that kind is found to be advantageous insofar as it is less expensive to produce and also is of a simpler configuration as it does not have any network unit which is employed for communication with the conference network.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2285/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "REFERENCING OF DOWNLINK CHANNELS IN WIRELESS COMMUNICATION SYSTEM."

(51) International classification :H04B7/26
(31) Priority Document No :60/563,869
(32) Priority Date :19/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/001125
Filing Date :19/04/2005
(87) International Publication No :WO 2005/117299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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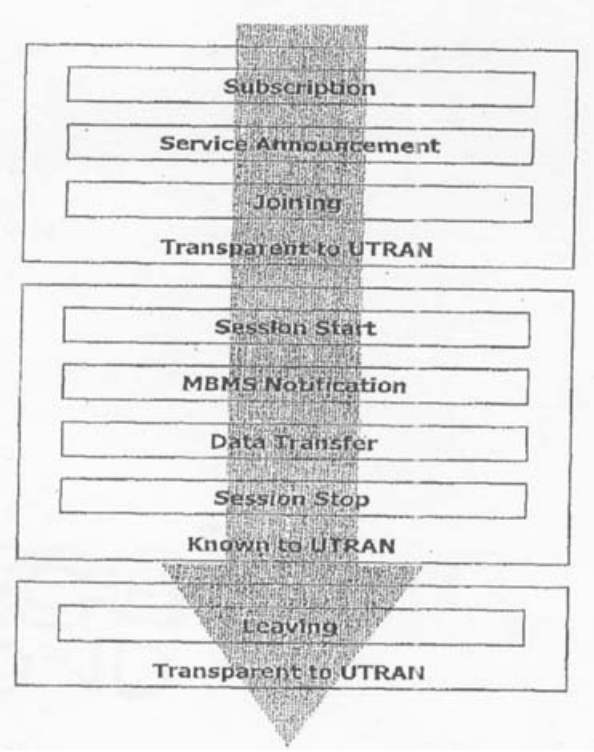
2)LEE YOUNG-DAE
3)CHUN SUNG-DUCK

No of Pages : 28
No of Claims : 32

(57) Abstract :
The present invention relates to a method for referencing a physical channel carrying point- to-multipoint service data in a wireless communication system. The present invention utilizes an identifier to reference specific physical channel configurations previously sent to a mobile terminal from a network. The identifier may reference an entry in a list of physical channel configurations in a specific message. Alternatively, a physical channel configuration in a first message is first allocated a specific identity. Then, a specific identifier referencing the specific identity is used in a second message to identify the physical channel configuration in the first message.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006

(21) Application No.2286/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "5,6-DIALKYL-7-AMINOTRIAZOLOPYRIMIDINES THEIR PREPARATION AND THEIR USE FOR CONTROLLING HARMFUL FUNGI,AND COMPOSITIONS COMPRISING THESE COMPOUNDS"

(51) International classification :C07D 487/04
(31) Priority Document No :102004012011.0
(32) Priority Date :10/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002427
Filing Date :08/03/2005
(87) International Publication No :WO 2005/087773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :67056 LUDWIGSHAFEN Germany
(72)**Name of Inventor :**
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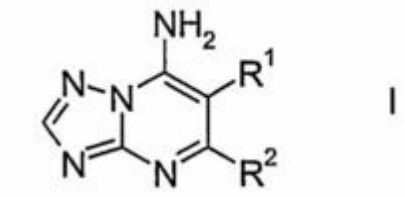
2)BLETTNER CARSTEN
3)MULLER BERND
4)GEWEHR MARKUS
5)GRAMMENOS WASSILIOS
6)GROTE THOMAS
7)RHEINHEIMER JOACHIM
8)SCHAFER PETER
9)SCHIEWECKFRANK
10)SCHWOGLER ANJA
11)WAGNER OLIVER
12)NIEDENBRUCK MATTHIAS
13)SCHERER MARIA
14)STRATHMANN SIEGFRIED
15)SCHOFL ULRICH
16)STIERTL REINHARD

No of Pages : 25
No of Claims : 10

(57) Abstract :
The invention relates to 5,6-dialkyl-7-amino-triazolopyrimidines of formula (I), in which the substituents are defined as follows: R represents alkyl or alkoxyalkyl, whereby the aliphatic groups can be substituted according to the description; R represents CHRCH3, cyclopropyl, CH=CH2 or CH2CH=CH2 and R represents hydrogen, CH3 or CH2CH3. The invention also relates to a method for producing said compounds, to agents containing the latter and to their use for controlling plant-pathogenic fungi.



I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006

(21) Application No.2287/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 5,6-DIALKYL-7- AMINOTRIAZOLOPYRIMIDINES THEIR PREPARATION ANDTHEIR USE FOR CONTROLLING HARMFUL FUNGI,AND COMPOSITIONS COMPRISING THESE COMPOUNDS.

(51) International classification :C07D 487/04
(31) Priority Document No :102004012021.8
(32) Priority Date :10/03/2004
(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) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF AKTIENGESELSCHAFT
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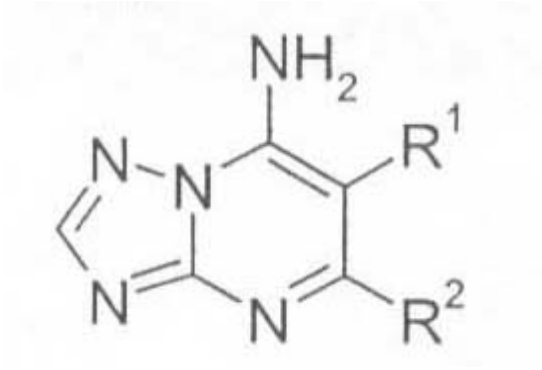
3)MULLER BERND
4)GEWEHR MARKUS
5)GRAMMENOS WASSILIOS
6)GROTE THOMAS
7)RHEINHEIMER JOACHIM
8)SCHAFER PETER
9)SCHIEWECK FRANK
10)SCHWOGLER ANJA
11) WAGNER OLIVER
12)NIEDENBRUCK MATTHIAS
13)SCHERER MARIA
14)STRATHMANN SIEGFRIED
15)SCHOFL ULRICH
16)STIERL REINHARD

No of Pages : 40
No of Claims : 16

(57) Abstract :
5,6-Dialkyl-7-aminotriazo!opyrimidines of the formula I in which the substituents are as defined below: R1 is alkyl, alkoxyalkyl, alkenyl or alkynyl; R2 is alkyl, alkoxyalkyl, alkenyl or alkynyl; where R1 and/or R2 are substituted as defined in the description; processes for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2288/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUNGICIDAL MIXTURES FOR CONTROLLING RICE PATHOGENS.

(51) International classification :A01N 43/90
(31) Priority Document No :102004012750.6
(32) Priority Date :15/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002683
Filing Date :14/03/2005
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :67056 LUDWIGSHAFEN Germany
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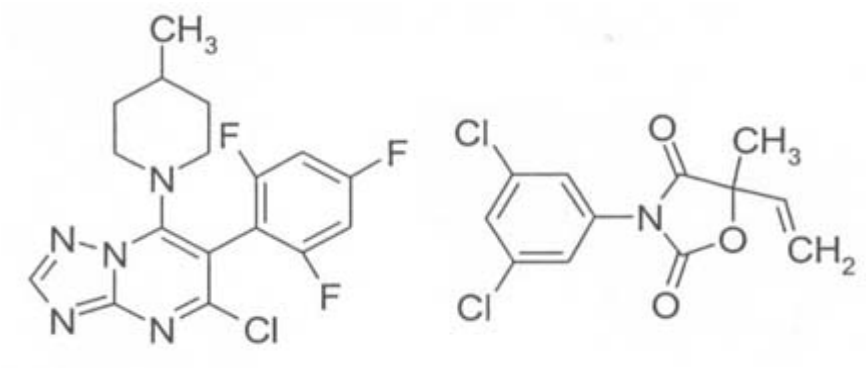
2)GROTE, THOMAS
3)SCHERER, MARIA
4)STIERL, REINHARD
5)STRATHMANN, SIEGFRIED
6)SCHOFL, ULRICH

No of Pages : 15
No of Claims : 10

(57) Abstract :
Fungicidal mixtures for controlling rice pathogens, which mixtures comprise, as active components, the triazolopyrimidine derivative of the formula I and vinclozolin of the formula II in a synergistically effective amount, methods for controlling rice pathogens using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2289/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "FUNGICIDAL MIXTURES."

(51) International classification :A01N 43/90
(31) Priority Document No :102004012749.2
(32) Priority Date :15/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002686
Filing Date :14/03/2005
(87) International Publication No :WO 2005/089554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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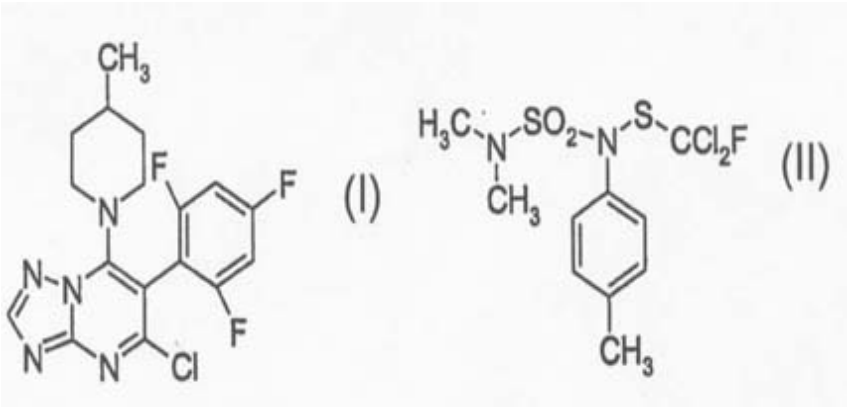
6)SCHOFL ULRICH

No of Pages : 14
No of Claims : 10

(57) Abstract :
The invention relates to fungicidal mixtures containing in the form of active components: 1) a triazolopyridine derivative of formula (I) and 2) a tolylfluanid of formula (II) in a synergistically active quantity, to a method for controlling harmful fungi by means of the mixture of the compounds (I) and (II), to the use of the compounds (I) and (II) for producing inventive mixtures and agents containing said mixtures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2290/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTI-INFECTIOUS HYDROGEL COMPOSITIONS.

(51) International classification :G11C 11/403
(31) Priority Document No :10/788,663
(32) Priority Date :27/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005323
Filing Date :18/02/2005
(87) International Publication No :WO 2005/086641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PERSCHBACHER, DOUG, J.
3)QU, XING YUN
4)BUONGIOVANNI, DAVID

No of Pages : 33
No of Claims : 33

(57) Abstract :
The present invention provides a hydrogel composition capable of preventing the intrusion of micro-organisms into body cavities or body openings of mammals comprising of a poly (N-vinyl lactam), a polysaccharide and water.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006

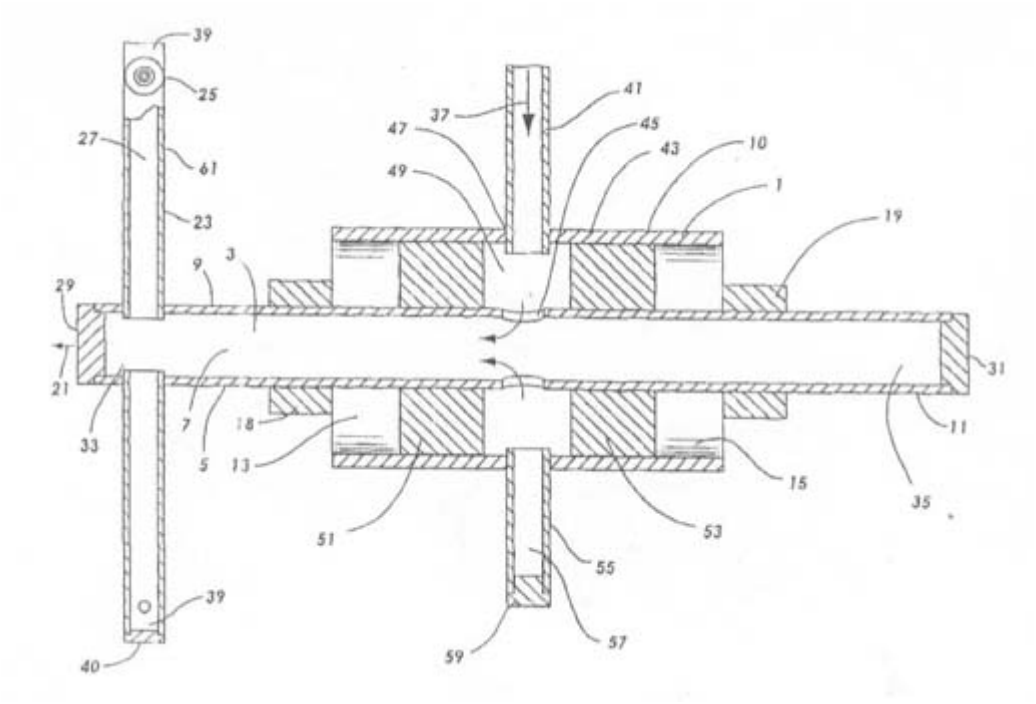
(21) Application No.2291/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRESSURIZED FLUID TURBINE ENGINE.

(51) International classification	:F01D1/32;F03B1/00	(71)**Name of Applicant :**
(31) Priority Document No	:10/839,697	**1)JOHNSON,NELDON,P**
(32) Priority Date	:04/05/2004	Address of Applicant :326 NORTH HIGHWAY 6,SALEM,UT 84653 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/015407	(72)**Name of Inventor :**
Filing Date	:03/05/2005	**1)JOHNSON,NELDON,P**
(87) International Publication No	:WO2005/121547	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisionalto Application Number	:NA	
Filing Date	:NA	

No of Pages : 38
No of Claims : 53

(57) Abstract :
A bladeless pressurized fluid turbine engine having a bladeless turbine, internal, concentric or circumferential shaft fluid ways which transmit pressurized gas to the turbine, and a pressurized fluid intake assembly. The intake assembly has a fixed outer housing, two or more shaft seals sealing between the shaft and the outer housing forming fluid supply chambers between adjacent shaft seals, and a pair of shaft bearings bearing between the shaft and the outer housing. The outer housing has one or more fluid intake ports for each fluid supply chamber and each shaft fluid way has a shaft fluid intake which is hydraulically connected to a fluid supply chamber.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2006
(21) Application No.2292/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DISPOSABLE WEARING ARTICLE" .

(51) International classification :A61F 13/15
(31) Priority Document No :2004-70345
(32) Priority Date :12/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/004865
Filing Date :11/03/2005
(87) International Publication No :WO/2005/087166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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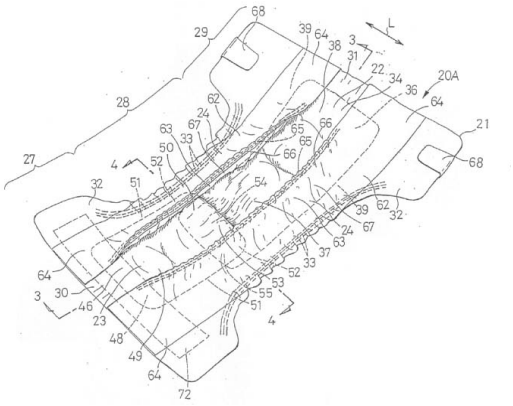
(72)**Name of Inventor :**
1)MISHIMA,YOSHITAKA
2)NAKAJIMA,KAIYO

No of Pages : 84
No of Claims : 12

(57) Abstract :
A disposable wearing article(20A) includes a liquid-impervious chassis(21), a body fluid absorbent first panel(22) extending over a crotch region(28) and a rear waist region(29) of the chassis(21) and a body fluid absorbent second panel(23) extending over a front waist region(27) and the crotch region(28) of the chassis(21). The second panel(23) has a front portion(49) joined to the front waist region, a distal portion(50) lying above the crotch region(28) and transversely opposite side edges(51) joined to transversely opposite lateral sections(32) of the chassis(21). The distal portion(50) is spaced apart upward from the chassis(21) and thereby a pocket(54) opening from the crotch region(28) toward the rear waist region(29) is formed between the chassis(21) and the distal portion(50) of the second panel(23).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2006

(21) Application No.2293/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD, SYSTEM AND PROGRAM PRODUCT FOR ASYNCHRONOUSLY PROCESSING REQUESTS.

(51) International classification	:H04L29/06;H04L29/06
(31) Priority Document No	:10/632,073
(32) Priority Date	:31/07/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/051509
Filing Date	:15/07/2004
(87) International Publication No	:WO 2005/013579
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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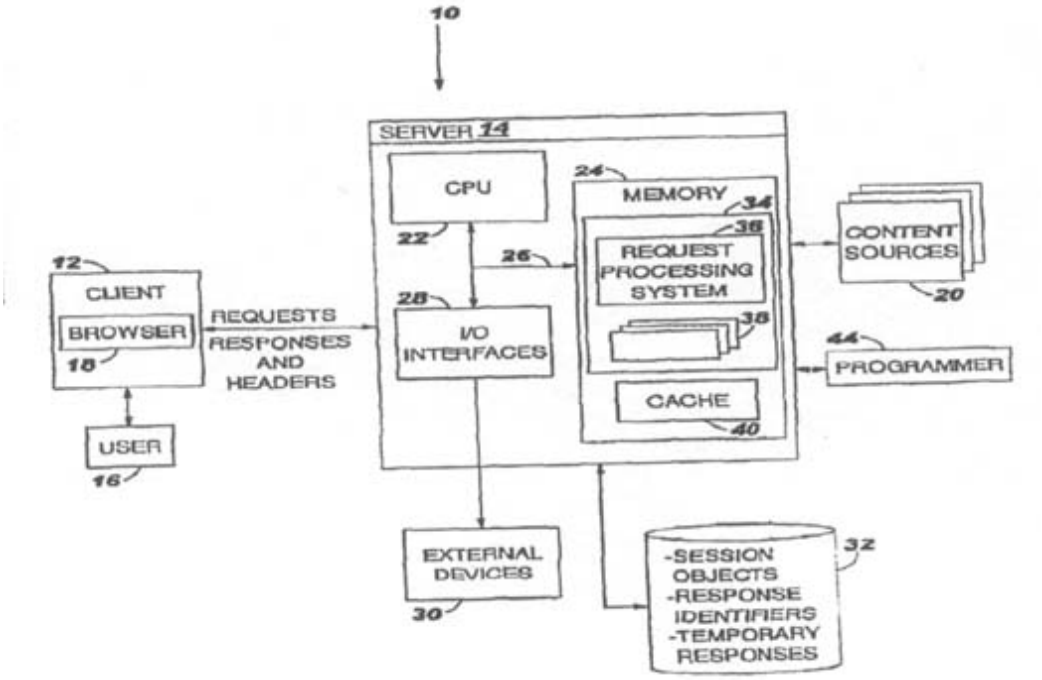
No of Pages : 19
No of Claims : 20

(57) Abstract :
Under the present invention, a request for a Uniform Resource Locator (URL) is received from a client on a server. Upon receipt, a corresponding session object is obtained, and a response identifier is generated. Based on the response identifier, it is determined whether the URL was previously requested by the client. If not, generation of a final response begins. As the response is being generated, a response refresh header is generated and returned to the client with a temporary response. The response refresh header contains a time value for causing the client to automatically send a subsequent request for the URL. After generation of the final response is complete, it is stored in a cache according to the response identifier. Then, when the subsequent request is received from the client, the final response is retrieved from the cache and served to the client.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2294/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PROVIDING A THIN FILM HAVING A CHEMICAL COMPOSITION THAT IS SPATIALLY STRUCTURED ON A MICROMETRIC OR NANOMETRIC SCALE ON A SUBSTRATE

(51) International classification :G03F 7/00
(31) Priority Document No :BO2004A000076
(32) Priority Date :17/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/001494
Filing Date :15/02/2005
(87) International Publication No :WO 2005/078521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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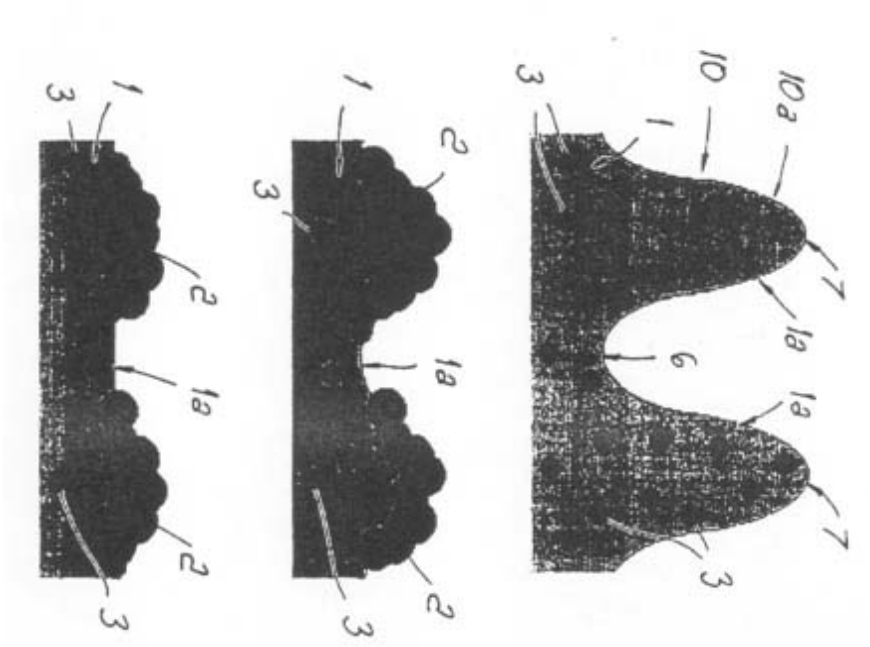
2) FABIO BISCARINI
3)DANIEL RUIZ MOLINA
4)JORDI GOMEZ SEGURA
5)JAUME VECIANA MIRO'

No of Pages : 19
No of Claims : 45

(57) Abstract :
A method for providing a thin film (2) that is spatially structured on a submicrometric or nanometric scale, formed by a material (3), on a substrate (1), so as to obtain a product (9); the method comprises the steps of< >dispersing the material (3) in the substrate (1) in order to obtain a mixture (10); modeling the mixture (10) to form on a surface (1 Oa) of the mixture (10) protrusions (7) and recesses (6); conditioning the mixture (10) by smoothing any surface roughness thereof; by doing so, the material (3) emerges on the surface only at the protrusions (7) of the mixture (10).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2295/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : (METH) ACRYLAMIDE MONOMERS CONTAINING HYDROXY AND SILICONE FUNCTIONALITIES.

(51) International classification :G02B 1/04
(31) Priority Document No :10/776,739
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004192
Filing Date :09/02/2005
(87) International Publication No :WO 2005/078482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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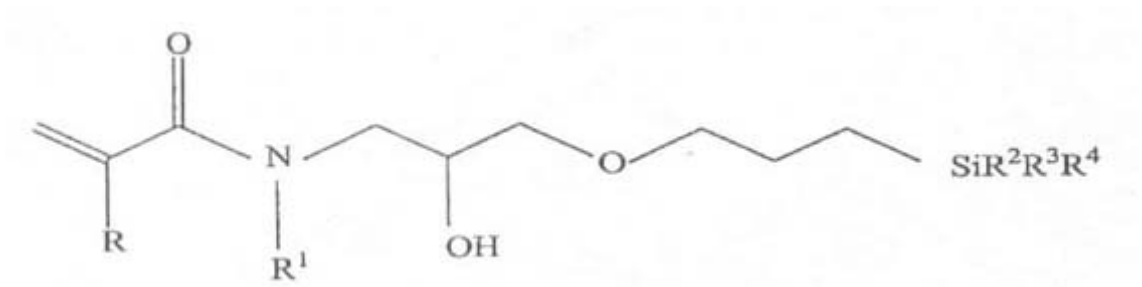
(72)**Name of Inventor :**
1)Diana Zanini
2)Xiaoping Lin
3)Frank F. Molock

No of Pages : 28
No of Claims : 28

(57) Abstract :
The present invention relates to (meth)acrylamide monomers of the formulae (1,11) wherein R is H or CH3, Rl is selected from H, substituted and unsubstituted alkyl groups have 1 to 8 carbon atoms, substituted and unsubstituted benzene and toluene group and R2, R3 and R4 are independently selected from alkyl groups having 1 to 8 carbon atoms, substituted and unsubstituted benzene and toluene groups and -OSiR5R6R7 wherein R5, R6 and R7 are independently selected from the group consisting of straight or branched alkyl groups having 1 to 4 carbon atoms. Polymers made therefrom are also disclosed.



(II)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2296/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COATED SPHERICAL SEAMLESS FILLED CAPSULES.

(51) International classification :A23L1/22;A23P1/04
(31) Priority Document No :NA
(32) Priority Date :17/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/001490
Filing Date :17/02/2004
(87) International Publication No :WO 2005/077521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :MUHLENFELDSTRASSE 1, 37603 HOLZAMINDEN Germany
(72)**Name of Inventor :**
1)WONSCHIK, JOCHEN
2)MACHINEK, ARNOLD
3)KOSCHORRECK, CARSTEN

No of Pages : 34
No of Claims : 17

(57) Abstract :
Described is a spherical coated capsule comprising (a) a coating-free capsule having (i) a liquid or viscous core and (ii) a seamless solid shell surrounding this core, and (b) a seamless, solid coating surrounding said coating-free capsule, wherein - the diameter of the coated capsule is in the range of 5 - 9 mm, - the solid coating comprises at least one sugar or sugar-alcohol in an amount from about 30 - 90% (m/m), based on the total mass of the coated capsule, - the diameter of the coating-free capsule is in the range of 3 - 7 mm, the thickness of the shell of said coating-free capsule is in the range of 20 - 200 m, - the ratio of shell thickness to diameter of said coating-free capsule is in the range of 0.004 - 0.04 , - the shell of said coating-free capsule contains 70 - 90 % (m/m) gelatine or alginate and 10 - 30 % (m/m) plasticiser, based on the solids content of said shell, and - the core has a flavouring content in the range of 1 - 100 % (m/m), based on the total mass of the core. Further described is a method for preparing such capsule.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2297/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOUNDS HAVING ANTITUMOR ACTIVITY.

(51) International classification :A61K 31/95
(31) Priority Document No :MI2004A000230
(32) Priority Date :12/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/001257
Filing Date :08/02/2005
(87) International Publication No :WO2005/077354 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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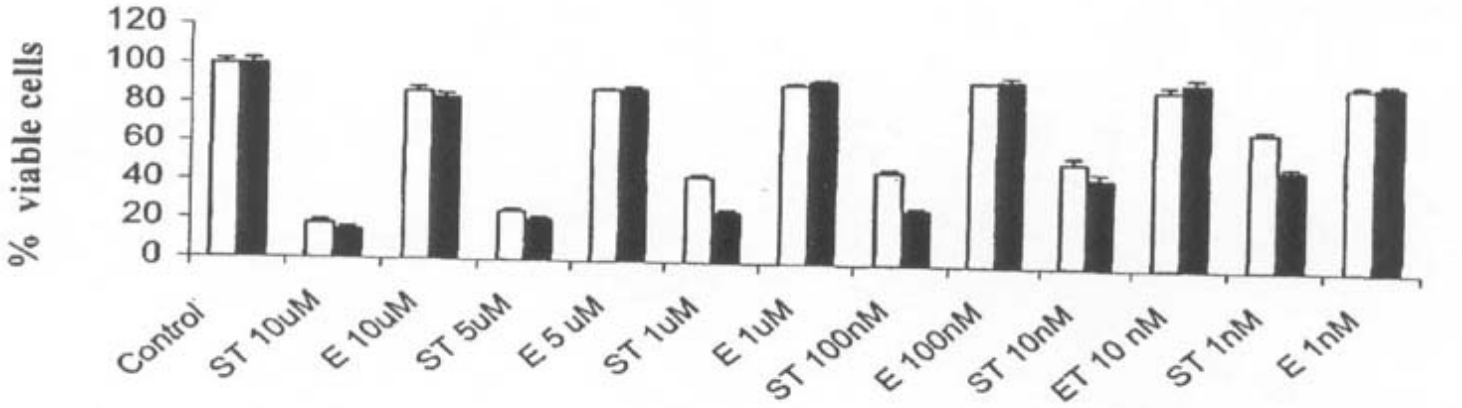
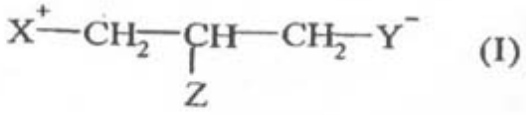
1)PELUSO,GIANFRANCO
2)CALVANI,MENOTTI

No of Pages : 20
No of Claims : 8

(57) Abstract :
Disclosed is the use of compounds of formula (I) wherein X, Y and Z are as defined in the description of the invention, for the preparation of an antitumor medicament, optionally in combination with different biologically active substances.





(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2298/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF (2-HYDROXYPHENYL) ALCOHOLS, AND COSMETIC OR THERAPEUTIC FORMULATIONS CONTAINING SAID COMPOUNDS

(51) International classification	:A61K 8/34
(31) Priority Document No	:10 2004 008 035.6
(32) Priority Date	:19/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP2005/050244 :20/01/2005
(87) International Publication No	:WO 2005/079743
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisionalto Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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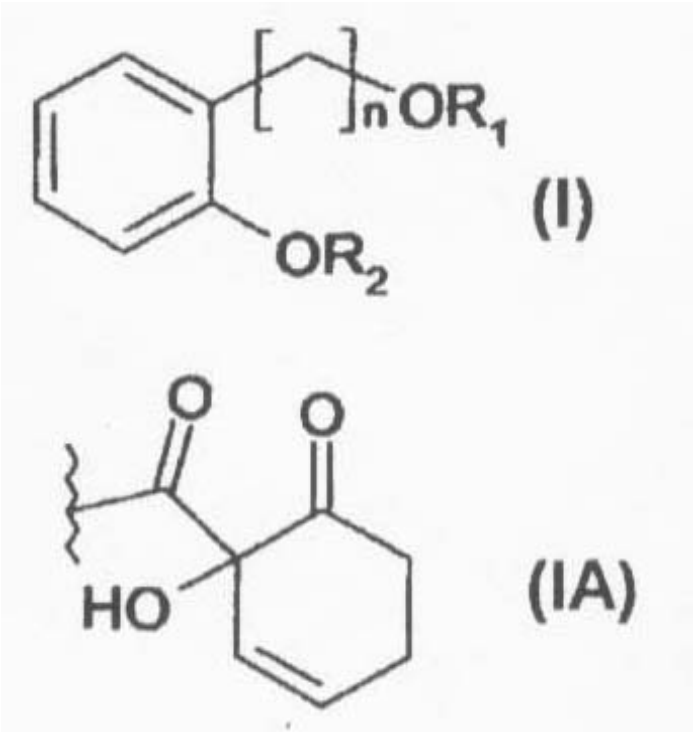
2)JACOBS KARIN
3)BERTRAM HEINZ-JUERGEN

No of Pages : 43
No of Claims : 9

(57) Abstract :
The invention concerns the use of compounds from the group of (2-hydroxyphenyl) alcohols and its derivatives for the lightening of skin and/or hair and cosmetic or therapeutic formulations containing the compounds from the group of (2-hydroxyphenyl) alcohols. According to a first aspect of the present invention, a compound having formula (I) wherein n = 1 - 10, R1denotes a suestiuent from the group comprising H, branched or unbranched C1-C14 alkyl or alkenyl, substituted or unsubstituted aryl alkyl, cyclohexyl, cyclopentyl, substituted or unsubstituted phenyl, substituted or unsubstituted monosaccharide, SO3, (CH2)1-10OH, COR, SiRR'R", SR, PO3RR' or, wherein R, R1, R", selected mutually independently, stand for H, C1-C14 alkyl, alkenyl or alkynyl, cyclohexyl, cyclopentyl, substituted or unsubstituted phenyl or a heterocyclic ring, and R2 denotes an enzymatically cleavable substituent or a substituent selected independently from R1 from the group comprising H, branched or unbranched C1-C14 alkyl or alkenyl, cyclohexyl, cyclopentyl, substituted or unsubstituted phenyl, is used inter alia for the lightening of skin and/or hair.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006

(21) Application No.2299/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MODULAR VOLUMETRIC COMPRESSOR.

(51) International classification	:F04C2/08; F04C23/00;
(31) Priority Document No	:VI2004A00035
(32) Priority Date	:04/03/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2005/050936
Filing Date	:03/03/2005
(87) International Publication No	:WO 2005/085642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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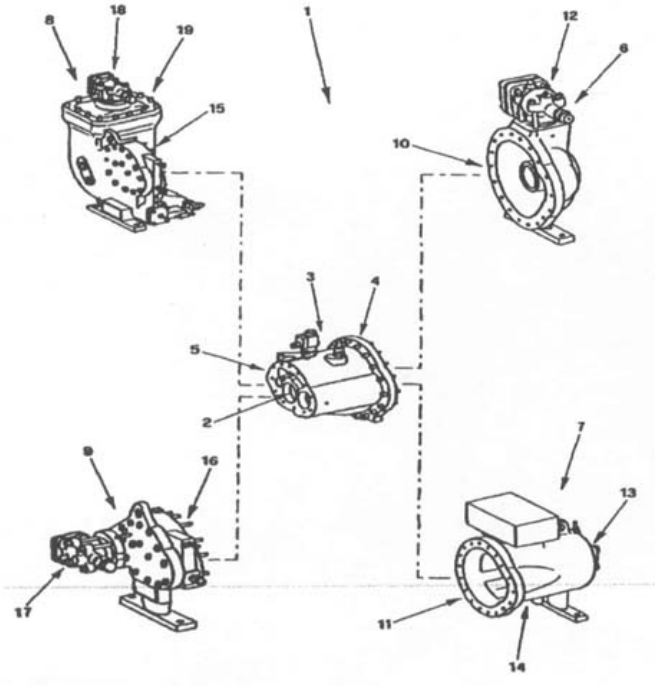
(72)**Name of Inventor :**
1)CANDIO GIANNI
2)FACCIO ENRICO
3)TONIN ANDREA

No of Pages : 14
No of Claims : 13

(57) Abstract :
A volumetric compressor (1) of the type comprising a pair of rotors (2) cooperating with each other and housed inside a compressor body (3), in which it is possible to identify a first flange (4), arranged on the suction side of the compressor body (3), and a second flange (5), arranged on the delivery side of the compressor body (3), suited to couplingly house a suction head (6,7) and a delivery head (8,9) of the volumetric compressor (1), wherein the suction head (6,7) is provided with a first counterflange (10,11), suited to be connected to the first flange (4), and comprises a coupling element (12) for connection to a suction pipe, or a coupling element (13) for connection to a suction pipe in combination with a motor unit (14), and the delivery head (8, 9) is provided with a second counterflange (15,16), suited to be connected to the second flange (5), and comprises a coupling element (17) for connection to a delivery pipe, or a coupling element (18) for connection to a delivery pipe in combination with an oil separator (19).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2300/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : VOLUMETRIC SCREW COMPRESSOR PROVIDED WITH DELIVERY ADJUSTMENT DEVICE.

(51) International classification :F04C 18/16
(31) Priority Document No :VI2004 A 000034
(32) Priority Date :03/03/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/050933
Filing Date :02/03/2005
(87) International Publication No :WO 2005/085644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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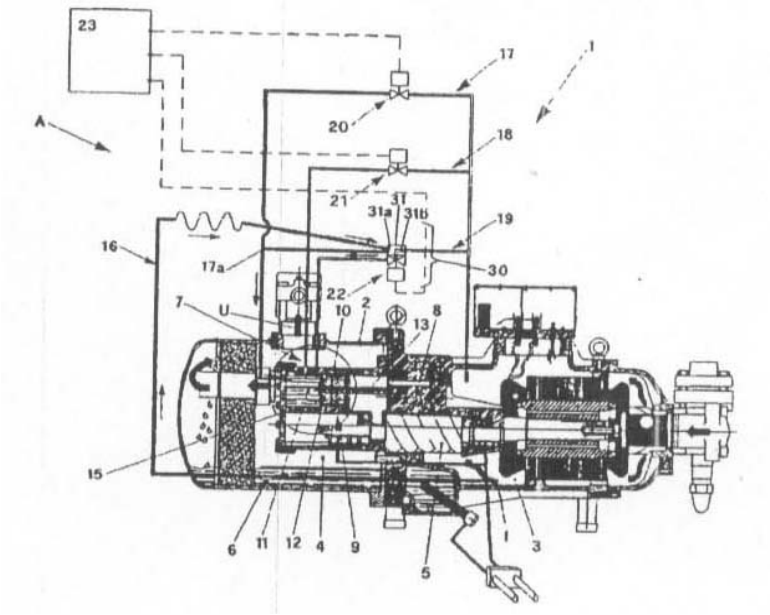
1)CANDIO GIANNI
2)FACCIO ENRICO
3)PORTINARI DIEGO

No of Pages : 23
No of Claims : 18

(57) Abstract :
A volumetric compressor (1; 50) comprising: a casing (2) provided with a suction chamber (3) and a delivery chamber (4), between which a pair of screw rotors (5) is included; a pan (6) containing oil, and a delivery adjustment unit (7) equipped with a slide valve (8), cooperating with the rotors (5) and with a fluid-operated actuator (9), in which it is possible to identify an active chamber (11) with a sliding piston (12) connected to the slide valve (8). The adjustment unit (7) comprises a flow switching unit (30, 40), that connects the active chamber (11) of the actuator to the pan (6) and to the suction chamber (3) and comprises a static flow switch (31, 41) removably associated with a switching solenoid valve (22) electrically connected to a control unit (23). The switching solenoid valve (22) is suited to be associated, alternatively, with different static flow switches (31, 41) that make it possible to obtain deliveries of compressed fluid varying discretely or continuously, depending on the position of the slide valve (8) with respect to the rotors (5).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2006
(21) Application No.2301/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DRUG CONJUGATES.

(51) International classification :A61K 39/395
(31) Priority Document No :60/544,033
(32) Priority Date :12/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004715
Filing Date :11/02/2005
(87) International Publication No :WO 2005/079398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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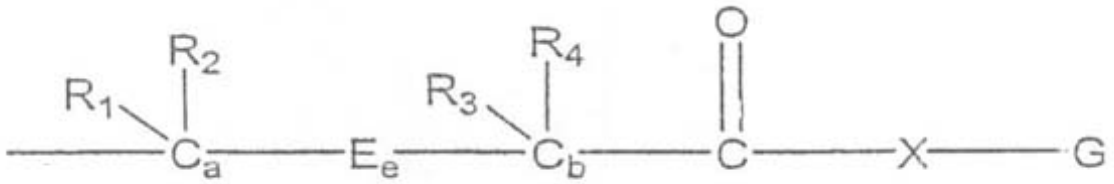
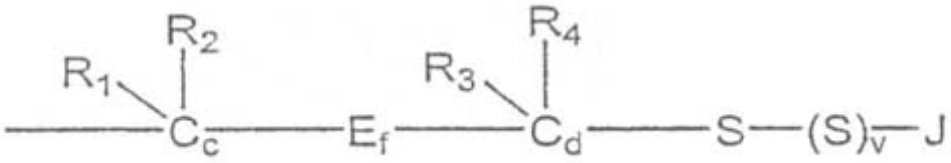
No of Pages : 40
No of Claims : 56

(57) Abstract :
A compound having the formula Y - A - Z, wherein: A is a 5, 6, or 7 member ring that is monocyclic or is fused to 1 to 3 additional 4 to 8 member rings; wherein ring A and, independently, the fused additional rings are carbocyclic or heterocyclic, and saturated or unsaturated, wherein unsaturated rings are aromatic or non-aromatic; whereinY and Z are substituents at adjacent positions on ring A; Y represents Formula (I); Z represents Formula (II); X and E represent O, S, or NRa or NRb; each of a, b, c, d, e and f independently represents 0 or 1; a + c equals 0, 1, or 2; b + d equals 0, 1, or 2; a + b + c + d + e + f equals 1, 2, or 3; provided that when f is 1, then d is 1, and when d is 0, then f is 0; and when both e and b are 0, then neither R1 nor R2 is chloro or bromo; v represents 0 or 1, provided that when v is 0, then J is hydrogen, a metal ion, or a quaternary ammonium ion; and X is O and G is H; either G is hydrogen, a metal ion, a quaternary ammonium ion, lower alkyl, or comprised of a pharmaceutically active chemical compound or the precursor thereof; or X-G represents a carbonyl-activating group; J is lower alkyl, aryl, heteroaryl, omega-hydroxycarbony]-(lower alky]), omega-(lower alkoxy)carbonyl-(loweralkyl), omega-(X-G)-carbonyl-(lower alkyl) group, or compromised of a specific binding agent; and Ra, Rb, R1, R2, R3, R4 are as defined in the specification.





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2302/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STRIPPER RUBBER ADAPTER.

(51) International classification :E21B33/08
(31) Priority Document No :10/776,325
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004147
Filing Date :09/02/2005
(87) International Publication No :WO 2005/078234
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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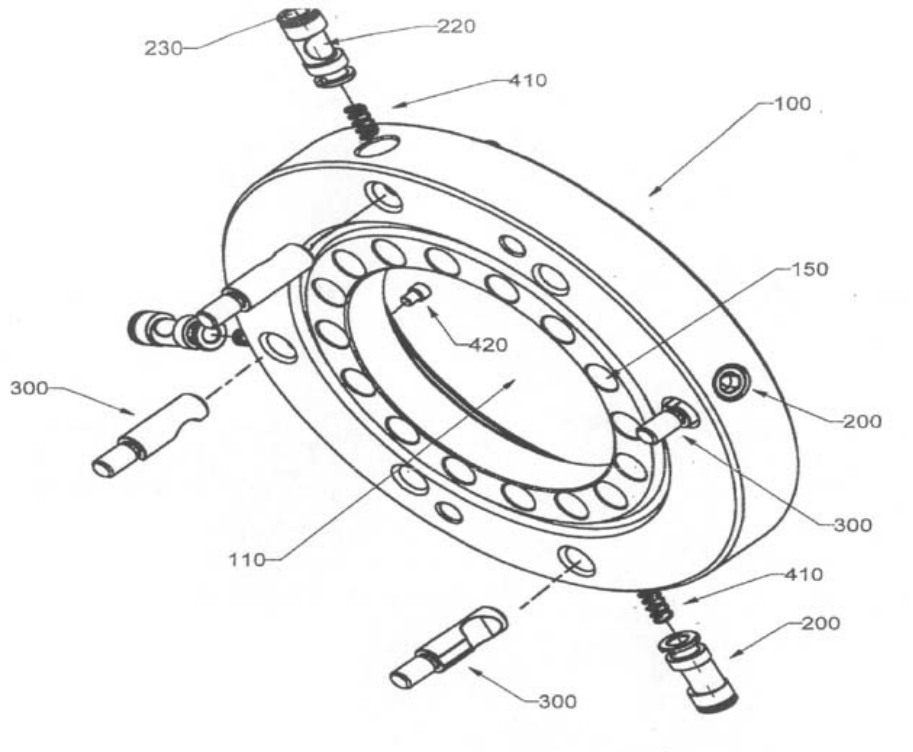
2)BISHOP, Charles, T.

No of Pages : 23
No of Claims : 21

(57) Abstract :
A connector is provided for selectively connecting or disconnecting a stripper rubber to or from drilling head equipment such as a bearing assembly. A generally cylindrical adapter (100) connected to the equipment defines a primary bore (110) to accommodate a down hole tubular. One or more cam pin bores (120), adapted to house one ore more cam pins (300). are positioned radially around the adapter (100) substantially parallel to the primary bore (110). One or more cam lock bores (130) adapted to house one or more at least partially rotatable cam locks (200). are offset from the pin cam bores (120) such that each cam pin bore partially intersects a corresponding cam lock bore (130) to form an aperture through which the cam lock (200) engages the cam pin (300). One or more cam pins (300) are connected to the stripper rubber: and one or more at least partially rotatable cam locks (200) housed in the cam lock bores (130) of the adapter (100) optionally engage or disengage the pin cams (300) to respectively connect or disconnect the stripper rubber to or from the equipment.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006

(21) Application No.2303/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : OUTPUT DATA MANAGEMENT

(51) International classification :G06F17/60
(31) Priority Document No :04001962.2
(32) Priority Date :29/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/000537
Filing Date :20/01/2005
(87) International Publication No :WO 2005/076172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HEUSSI-PELEGER, PETER

No of Pages : 31
No of Claims : 23

(57) Abstract :
Aspects in context with the dynamic output management via output channels like print centers (34) and automatic e-mail agents (32) are described. According to one aspect of the invention a selection device is provided that comprises access to a data pool (20) with data records that include at least contact information. The data pool (20) is structured in accordance with a hierarchical authorization scheme. The selection device further comprises an authorization mechanism (14, 16) for determining the authorization underlying a requested selection operation, a unit (14, 22) for restricting the selection operation to a portion of the data pool (20) that corresponds to the authorization underlying the selection operation, a generator (22) for generating a selection list (30) from contact information included in the selected data records of the data pool portion to which the selection operation has been restricted, and an interface to an. environment (32, 34) for automatically generating the output on the basis of the contact information included in the selection list (30).

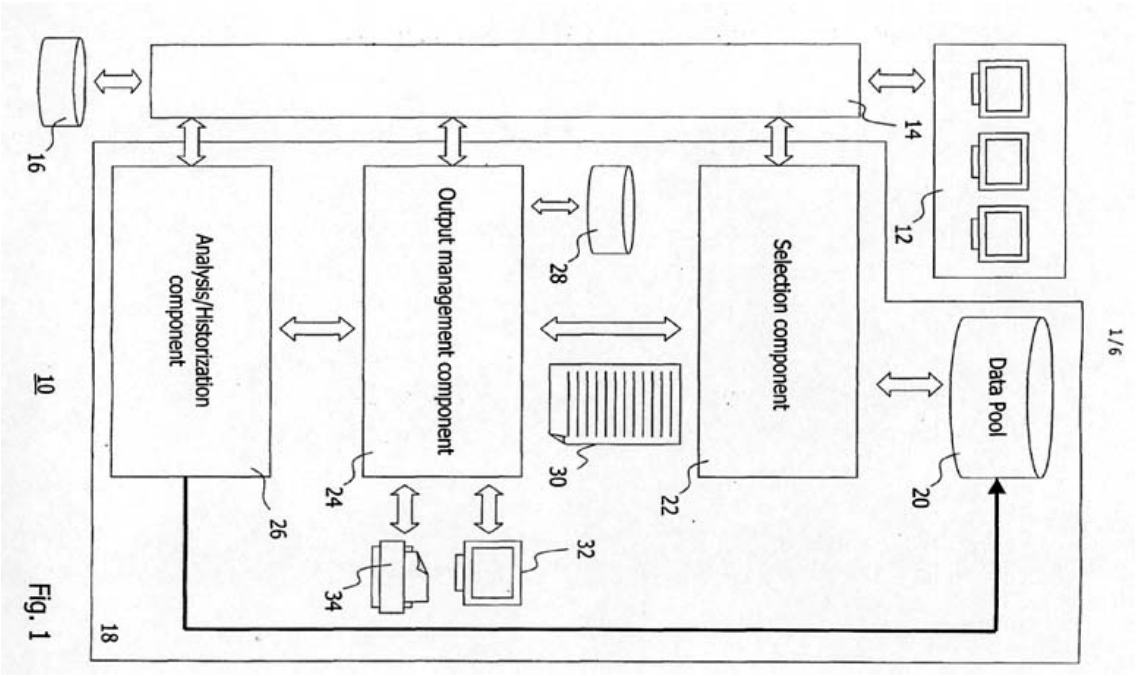

Fig. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2304/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ISOLATED MULTIPLEXED MULTI-DIMENSIONAL PROCESSING IN A VIRTUAL PROCESSING SPACE HAVING VIRUS,SPYWARE,AND HACKER PROTECTION FEATURES

(51) International classification :G06F3/00
(31) Priority Document No :10/760,131
(32) Priority Date :15/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001484
Filing Date :14/01/2005
(87) International Publication No :WO 2005/116804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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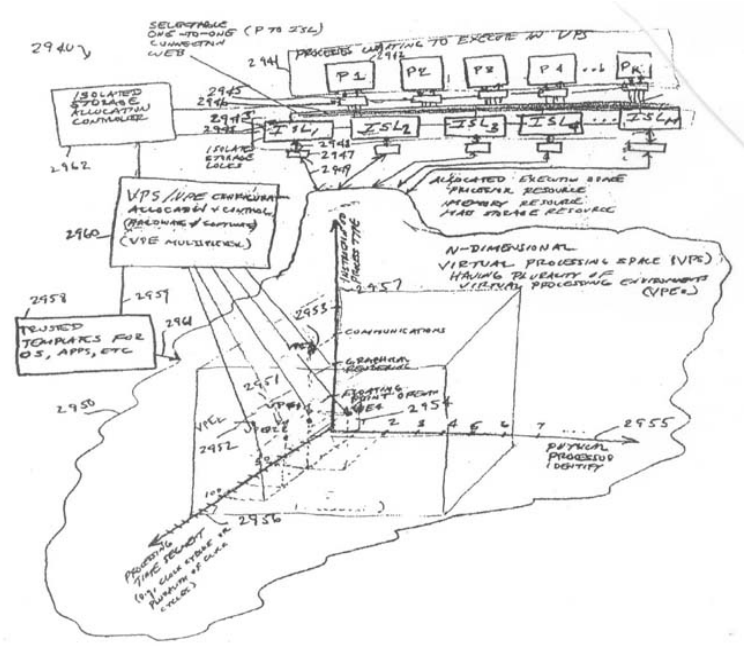
3)BLAIR JEFFREY

No of Pages : 103
No of Claims : 55

(57) Abstract :
Information appliance, computing device, or other processor or microprocessor based device or system provides security and anti-viral, anti-hacker, and anti-cyber terror features, and can automatically create multiple sequentially or concurrently and intermittently isolated and/or restricted computing environments to prevent viruses, malicious or other computer hacking, computer or device corruption and failure by using these computing environments in conjunction with restricted and controlled methods of moving and copying data, combined with a process that destroys malicious code located in computing environments and data stores. Time multiplexed processing streams with system, device, architecture and method for maintaining isolation of multiple processes executing in single physical processor. Virtual multi-dimensional processing space and virtual processing environments. Temporally multiplexed processing in a single CPU. Process isolation using address control and mapping. Selecting, configuring, switching, and/or multiplexing multiple processes in physical and/or virtual processing or computing spaces to create physical and/or virtual processing or computing environments.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2305/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HINGE ACTUATOR AND METHOD FOR ADJUSTING TWO PARTS FOF A HINGE ACTUATOR RELATIVE TO EACH OTHER.

(51) International classification :B60R1/074
(31) Priority Document No :1025433
(32) Priority Date :06/02/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2005/000082
Filing Date :04/02/2005
(87) International Publication No :WO 2005/075251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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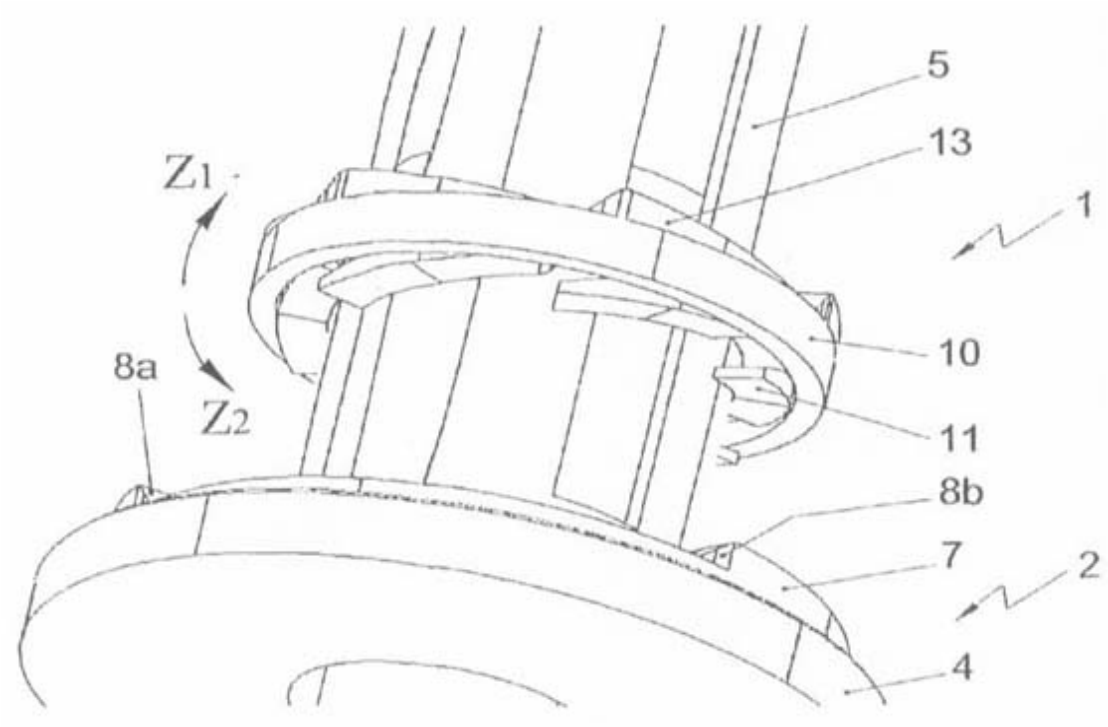
No of Pages : 15
No of Claims : 19

(57) Abstract :
A invention relates to a hinge actuator comprising a first part which is connected with a second part by means of blocking means, which in a first pivoting direction are freely rotatable relative to each other, and in a second, opposite pivoting direction are rotation-locked in predetermined angular positions. The blocking means comprise a ratchet mechanism which in the second pivoting direction rotation-locks the blocking means relative to each other in the predetermined angular positions. Further, the ratchet mechanism comprises a slip ring which cooperates with the first part of the actuator by means of a set of resilient fingers and corresponding cams.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006

(21) Application No.2306/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BROMINE ADDITION FOR THE IMPROVED REMOVAL OF MERCURY FROM FLUE GAS.

(51) International classification :B01D 47/00
(31) Priority Document No :60/555,353
(32) Priority Date :22/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009590
Filing Date :21/03/2005
(87) International Publication No :WO 2005/092477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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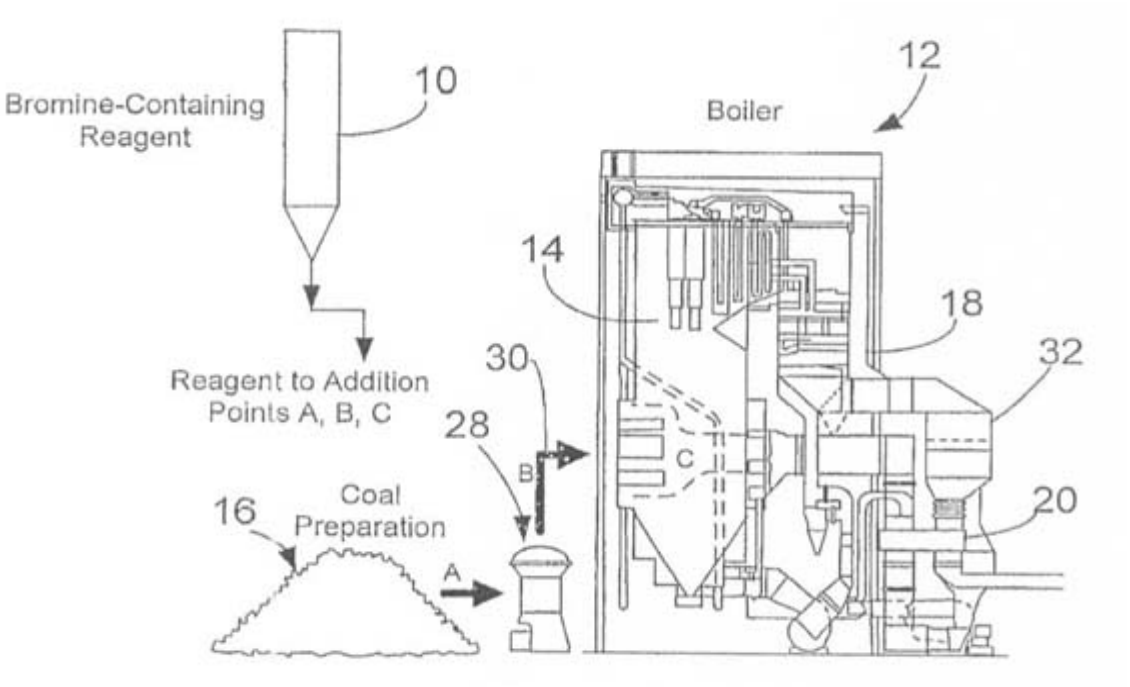
No of Pages : 14
No of Claims : 16

(57) Abstract :
Bromine-containing compounds (10), added to the coal (16), or to the boiler combustion furnace (14), are used to enhance the oxidation of mercury, thereby enhancing the overall removal of mercury in downstream pollution control devices. The method is applicable to utility power plants equipped with wet FGD systems, as well as those plants equipped with spray dryer absorber FGD systems.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2307/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A DISPENSING NOZZLE AND CAP

(51) International classification :B65D 41/17, B65D 47/12
(31) Priority Document No :2004/0076
(32) Priority Date :09/02/2004
(33) Name of priority country :Ireland
(86) International Application No :PCT/IE2005/000010
Filing Date :09/02/2005
(87) International Publication No :WO 2005/075312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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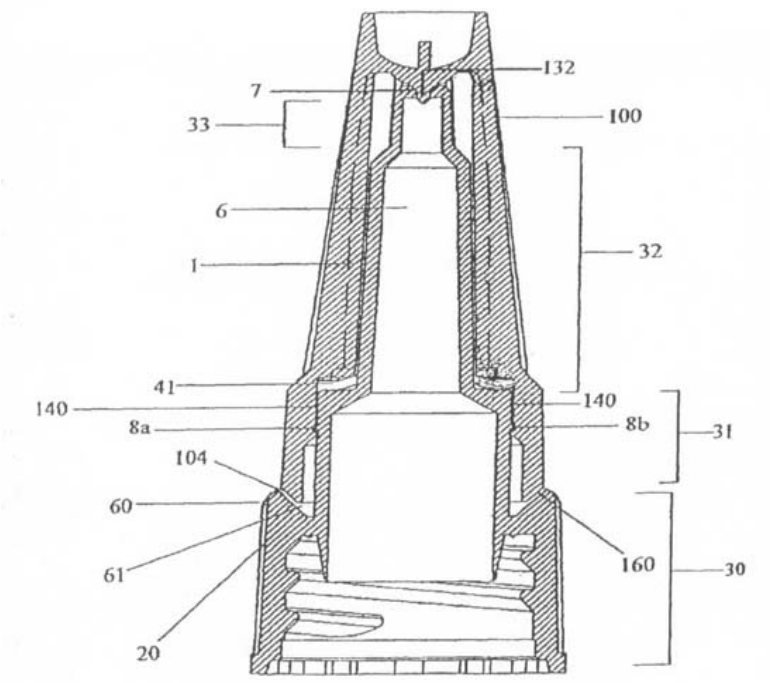
(72)**Name of Inventor :**
1)SEYMOUR GEOFFREY FRANCIS
2)GIBSON DAVID JAMES

No of Pages : 56
No of Claims : 51

(57) Abstract :
A dispensing nozzle (1) having: (i) an elongate nozzle body (2) having a base portion (3) and a dispensing end (5); (ii) an internal conduit (6) in the nozzle body (2) for delivering product from the base portion (3) to the dispensing end (5); (iii) engaging formations on the nozzle for inter-engaging with co-operating engaging formations (8a, 8b) on a cap (100), to hold said cap (100) in a position over-fitting the nozzle (1); and (iv) an external ramp (9a, 9b) on the nozzle body (2) and against which a co-operating portion (110) on the cap (100) may act, to provide sufficient relative separation force between the cap (100) and the nozzle body (2), to separate the engaging formations (8a, 8b) on the cap and the nozzle (1) from an inter-engaged position. The cap (1) and nozzle (100) when inter-engaged are easily separated by substantially less than one 360< DEG > turn and provide a strong separating force which can overcome fouling or bonding caused by curing of dispensed product.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2308/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MACROLIDES AND METHODS FOR PRODUCING SAME.

(51) International classification :C07D 498/18
(31) Priority Document No :60/549,480
(32) Priority Date :02/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005895
Filing Date :25/02/2005
(87) International Publication No :WO2005/085257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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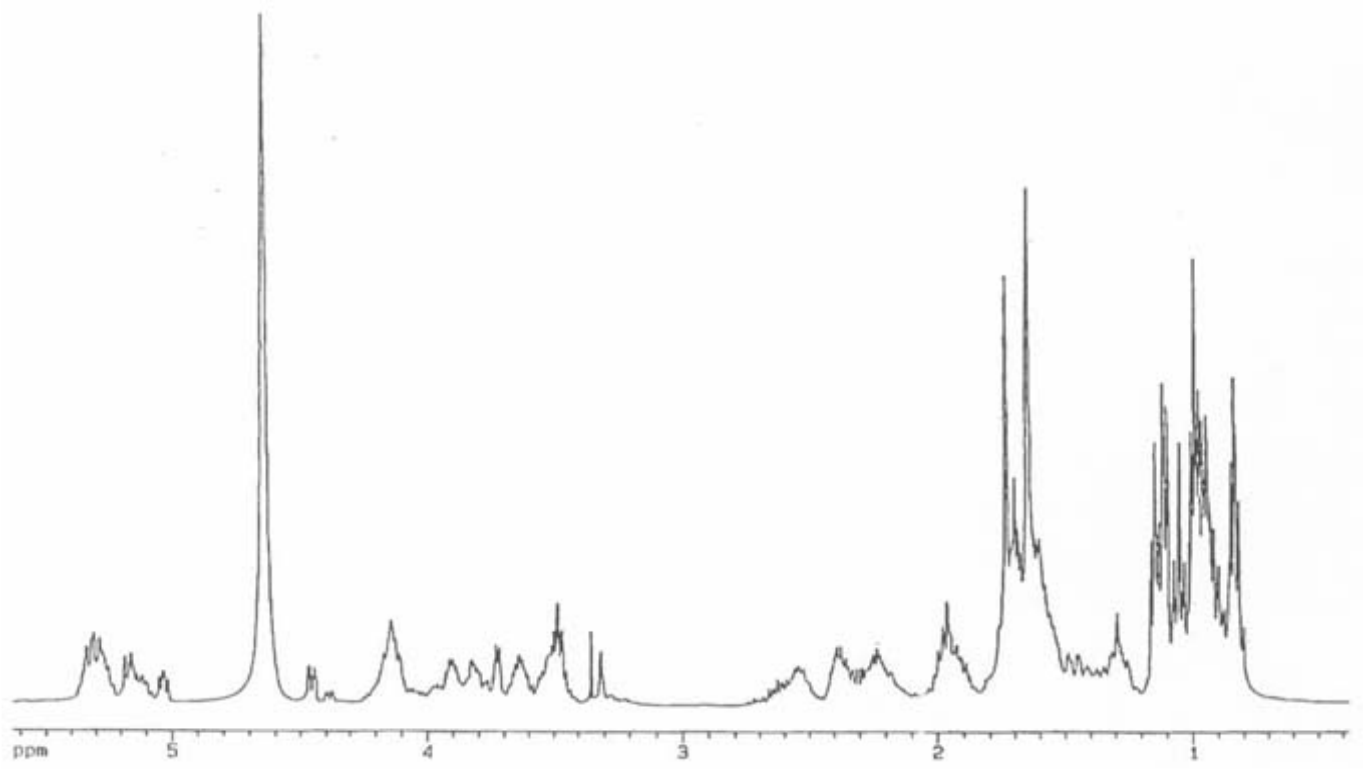
2)GRAZIANI EDMUND IDRIS
3)LEIGHTON MARGARET M
4)PONG KEVIN
5)KELE ROGER ALAN
6)LABEDA DAVID P

No of Pages : 29
No of Claims : 19

(57) Abstract :
This invention relates, in part, to macrolide compounds, actinomycete strains for producing them, and pharmaceutical compositions containing them.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2309/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DYNAMIC HALOGENATION OF SORBENTS FOR THE REMOVAL OF MERCURY FROM FLUE GASES.

(51) International classification :B01D 47/00
(31) Priority Document No :60/555,281
(32) Priority Date :22/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009441
Filing Date :21/03/2005
(87) International Publication No :WO 2005/092476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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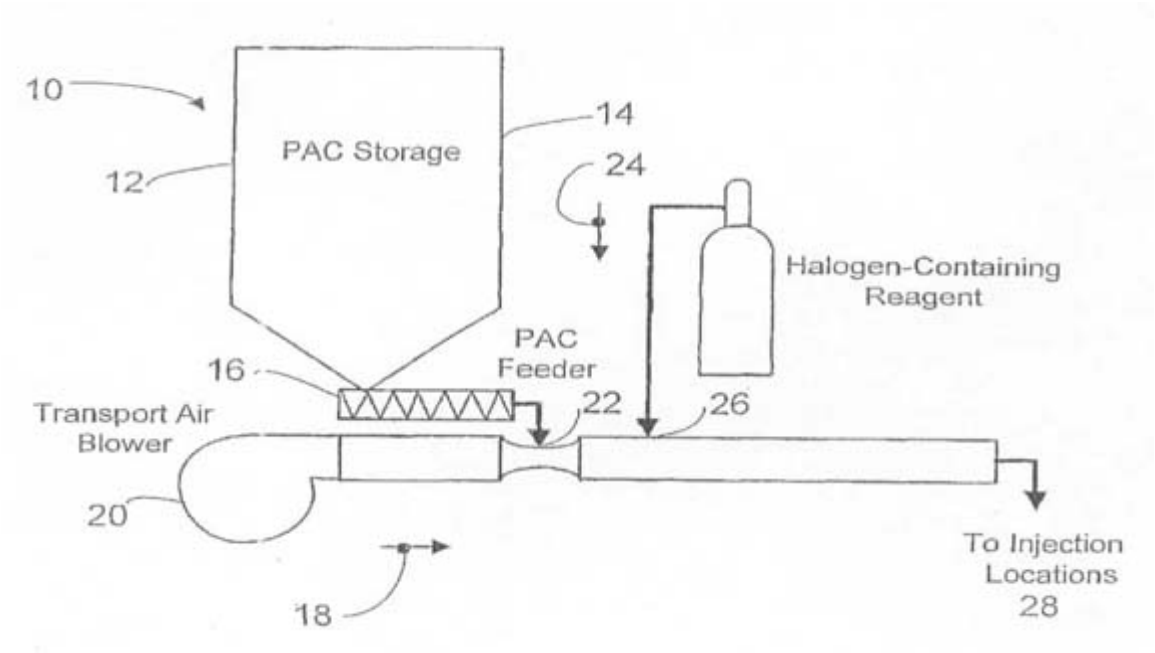
(72)**Name of Inventor :**
1)DOWNS WILLIAM
2)FARTHING, GEORGE, A., JR .

No of Pages : 17
No of Claims : 13

(57) Abstract :
A halogen-containing gas is injected into a flowing transport air/sorbent stream at a point close to the point where the sorbent and transport air first mix to maximize the residence time available for the halogen-containing compound to be adsorbed onto the sorbent surface prior to the sorbent being injected into a flue gas containing mercury. This process maximizes the benefit and utilization of the halogen-containing reagent by placing it exactly where it is needed to facilitate elemental mercury removal - on the surface of the sorbent. The sorbent particles with their loading of adsorbed halogen-containing reagent enter the flue gas with a high reactivity for the removal of elemental mercury.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2310/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CODE CONSTRUCTION FOR IRREGULAR SHORTENED LDPC CODES WITH GOOD PERFORMANCE.

(51) International classification :H03M13/11
(31) Priority Document No :60/571,280
(32) Priority Date :14/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/016410
Filing Date :11/05/2005
(87) International Publication No :WO 2005/114418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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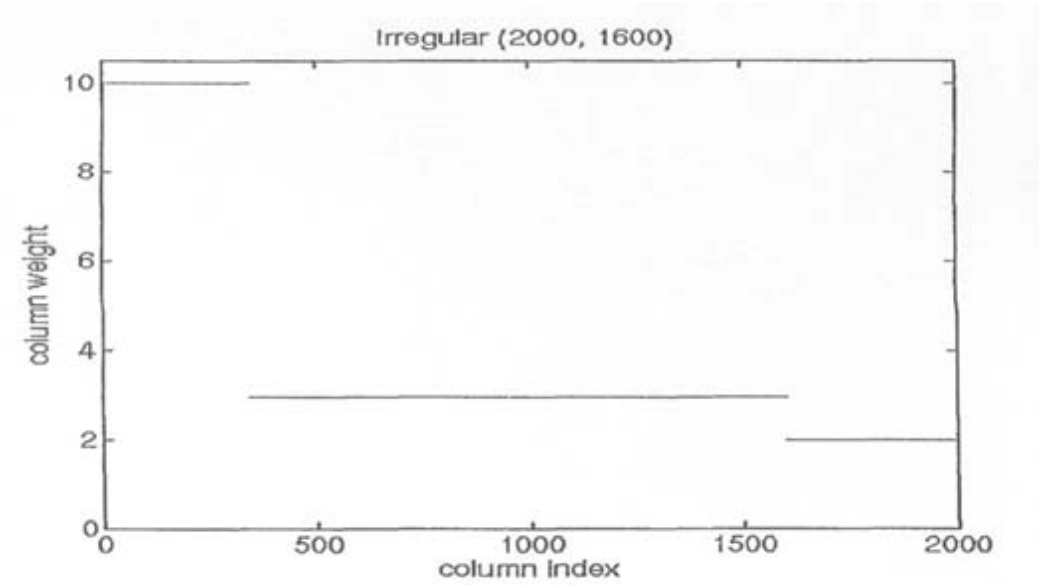
(72)**Name of Inventor :**
1)BLANKENSHIP YUFEI
2)CLASSON BRIAN K.

No of Pages : 20
No of Claims : 9

(57) Abstract :
A method for interlacing columns of different weights is proposed for a parity-check matrix H (Figure 2)that results in good performing LDPC codes shortened or unshortened. Matrix H comprises a section H1 and a section H2, and wherein H1 has a plurality of different column weights and comprises a plurality of sub-matrices where columns of at least one weight are substantially interlaced between the sub-matrices.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006

(21) Application No.2311/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : GAS CONDITIONING PROCESS FOR THE RECOVERY OF LPG/NGL (C2+) FROM LNG.

(51) International classification	:C10L 3/12
(31) Priority Document No	:60/536,731
(32) Priority Date	:16/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001254
Filing Date	:14/01/2005
(87) International Publication No	:WO 20050/72144
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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1)AKER KVAERNER ,INC .
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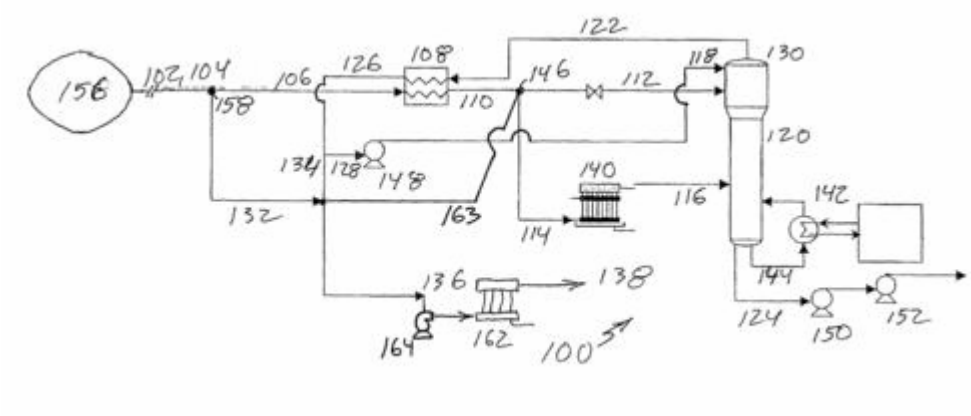
(72)**Name of Inventor :**
1)SHAH KAMAL

No of Pages : 24
No of Claims : 25

(57) Abstract :
Liquefied petroleum gas or natural gas liquids may be recovered from liquefied natural gas by receiving an input stream comprising substantially rich liquefied natural gas, splitting the input stream into a direct stream and a bypass stream, heating the direct stream in a cross-exchanger to produce a stream of heated rich liquefied natural gas, splitting the heated rich liquefied natural gas into a primary column feed, an optional bypass stream and a secondary column feed, vaporizing at least a major portion of the secondary column feed in a vaporizer to produce a vaporized secondary column feed, fractionating the top feed, the primary column feed, and the vaporized secondary column feed in a fractionation unit to produce an overhead product stream and a bottom product stream, condensing at least a major portion of the overhead product stream by cooling the overhead product stream in the cross-exchanger to produce a condensed overhead product stream, pumping a reflux portion of the condensed overhead product stream to a top of the fractionation unit, mixing the bypass portion of the rich liquefied natural gas and an optional bypass stream with a balance portion of the condensed overhead product stream to produce an output stream, and vaporizing the output stream to produce a conditioned natural gas suitable for delivery to a pipeline or for commercial use.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2312/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF NARROWBAND SIGNALS WITHIN A WIDEBAND COMMUNICATION SYSTEM

(51) International classification :H04M1/00
(31) Priority Document No :10/833,410
(32) Priority Date :28/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009129
Filing Date :18/03/2005
(87) International Publication No :WO 2005/109837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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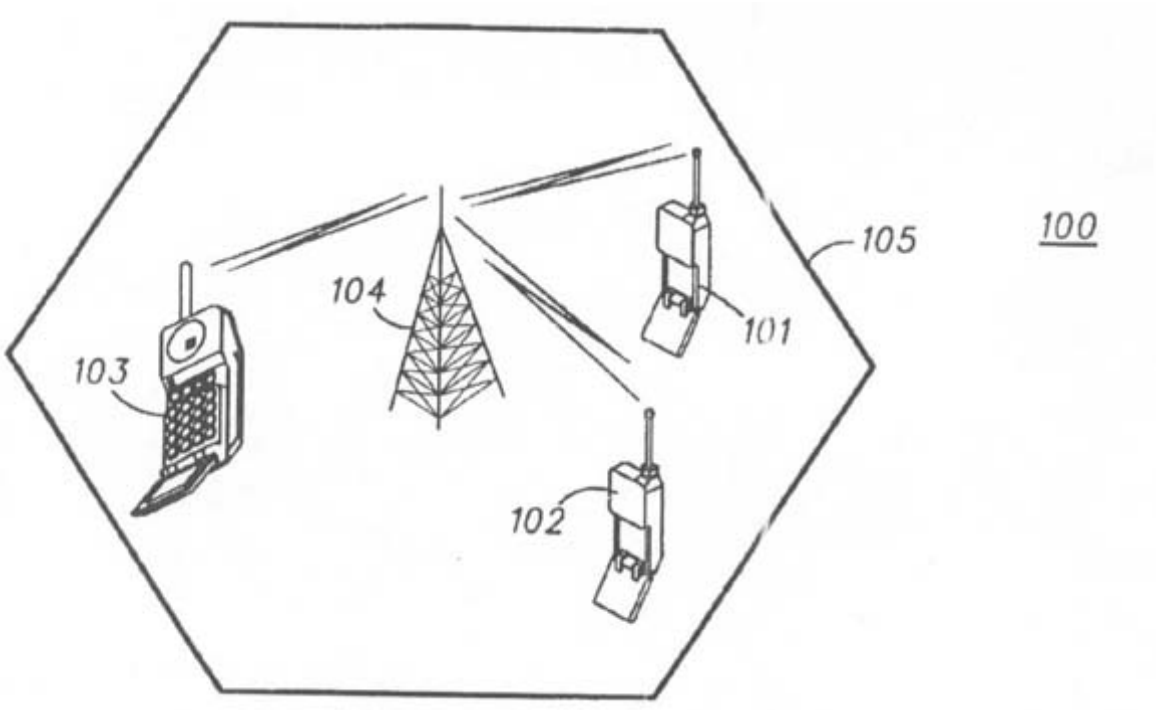
(72)**Name of Inventor :**
1)CLASSON BRIAN K
2)BAUM KEVIN L
3) SARTORI PHILIPPE J

No of Pages : 26
No of Claims : 10

(57) Abstract :
Narrowband remote units (101-103) scan over frequencies within a wideband channel spectrum, evaluating frequency-selective channel characteristics. The best sub-channel(s) for communication is determined and reported back to a base station (104) via a channel-quality report message. The base station then utilizes only a narrowband portion, for example, one sub-channel comprised of a plurality of OFDM subcarriers, of the wideband channel for transmitting data to the narrowband unit.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2313/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR SCHEDULING AND SYNCHRONIZING A MULTIMEDIA BROADCAST/ MULTICAST SERVICE.

(51) International classification :H04Q7/24
(31) Priority Document No :60/641,503
(32) Priority Date :05/01/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/000437
Filing Date :05/01/2006
(87) International Publication No :WO 2006/074355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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1)CAIZHIJUN
2)HARRISON ROBERT M

No of Pages : 40
No of Claims : 21

(57) Abstract :
A communication system(100)provides, via a single, serving Node B(123), scheduling information required by a user equipment (UE)(102) to determine a start time for each Node B of multiple Node Bs(120,123,126) with respect to a multicast, by each Node B of the multiple Node Bs, of soft combinable MBMS data. The UE may then use the scheduling information to synchronize a soft combining of the MBMS data received by the UE via each of the multiple Node Bs, even when the multicasts via the multiple Node Bs are not synchronized. However, while the multicasts of frames of data associated with an MBMS service by different Node Bs need not be synchronized, synchronized multicasts are preferable for soft combining. Therefore, the communication system further provides for a synchronization by a network controller(130)of the multicasts of the MBMS data by the multiple Node Bs.

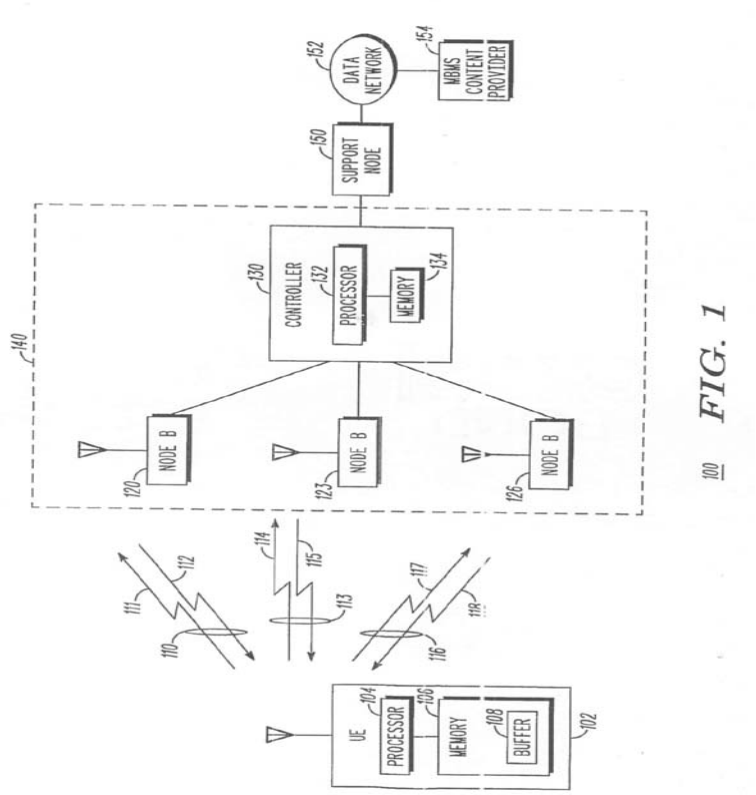

FIG. 1

100

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2006
(21) Application No.2314/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : OXAZOLE DERIVATIVES PREPARATION AND THERAPEUTIC USE THEREOF

(51) International classification :C07D 413/06
(31) Priority Document No :0401507
(32) Priority Date :13/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000321
Filing Date :11/02/2005
(87) International Publication No :WO2005/080357 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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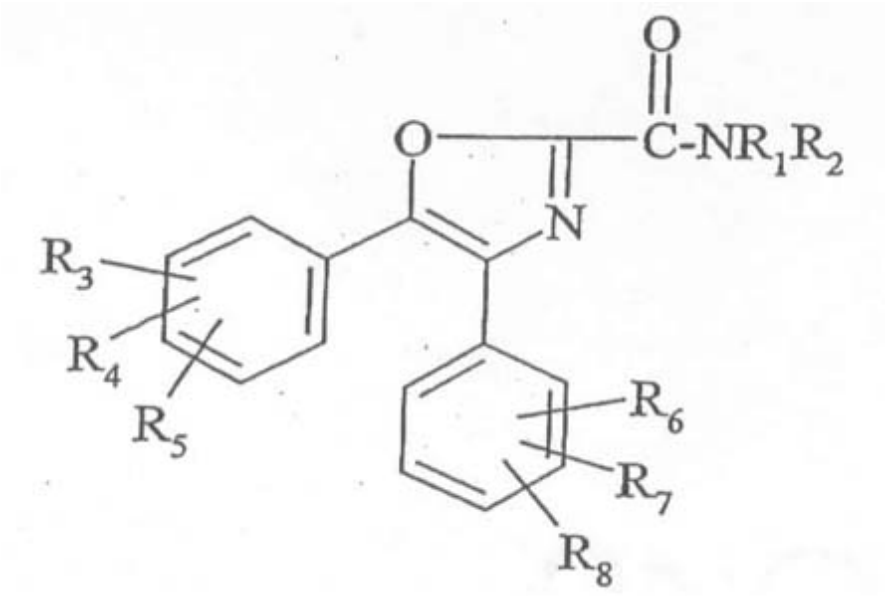
2)RINALDI-CARMONA MURIELLE
3)ARANAUD-TAILLADES JOELLE
4)CONGY CHRISTIAN

No of Pages : 28
No of Claims : 10

(57) Abstract :
The invention relates to compounds of formula (I) where R1 = H or C1-C4 alkyl, R2 = C4-C10 alkyl, a C3-C12 non-aromatic carbocyclic group, a 1,2,3,4-tetrahydronaphthalenyl, a heterocyclic group, a C1-C3 alkylene group with a carbocyclic group, a phenylalkylene group, a NR9R10 group, or R1 and R2, together with the nitrogen atom to which they are bonded, are either a piperazin-1-yl or 1,4-diazepan-1-yl, or a piperidin-1-yl or pyrrolidin-1-yl, R3, R4, R5, R6, R7, R8 independently = H or halogen, a C1-C6 alkyl, C1-C6 alkoxy, trifluoromethyl or S(O)nAlk group in the form of a base or acid addition salts and in the hydrated or solvated state. The invention further relates to a method for preparation and therapeutic use thereof.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2315/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM FOR FORMING AND STACKING RAW CALCIUM-SILICATE BRICKS.

(51) International classification	:B28B13/04 ,B28B15/00
(31) Priority Document No	:2004103001
(32) Priority Date	:02/02/2004
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2004/000528
Filing Date	:28/12/2004
(87) International Publication No	:WO 2005/072925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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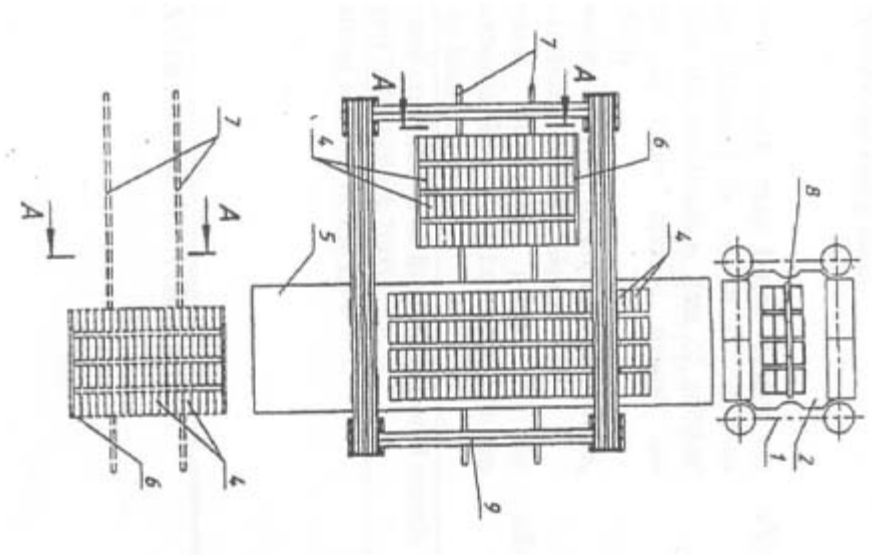
(72)**Name of Inventor :**
1)GALEEV IREK ABUDAROVICH

No of Pages : 11
No of Claims : 2

(57) Abstract :
The inventive system is used for forming and stacking raw calcium-silicate bricks. In order to improve the shape of the top part of a pile, said system comprises a press provided with a bed (1) in which a multiple mould (2) with cavities (3) for bricks (4) is disposed, a conveyor line (5) arranged along the axis of brick (4) transportation from the press, a steaming wagon (6), a puller (8) mounted in such a way that it is movable along the conveyor line (5) and transfers the bricks (4) from the press thereto and a stacking device (9) for transferring the bricks (4) from the conveyor line (5) to the steaming wagon (6). The longitudinal walls of the cavities (3) of the multiple mould (2) and a path (7) on which the steaming wagon (6) is movably placed are arranged in a perpendicular direction with respect to the conveyor line (5). The cavities (3) of the multiple mould (2) are disposed in four rows which are parallel to the conveyor line (5) and each of which comprises at least two-five cavities.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2316/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MOUNTING SYSTEM WITH THREADED SLIDING BLOCK

(51) International classification :F24J2/52
(31) Priority Document No :102005001654
(32) Priority Date :10/01/2005
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2005/002331
Filing Date :23/12/2005
(87) International Publication No :WO 2006/072230
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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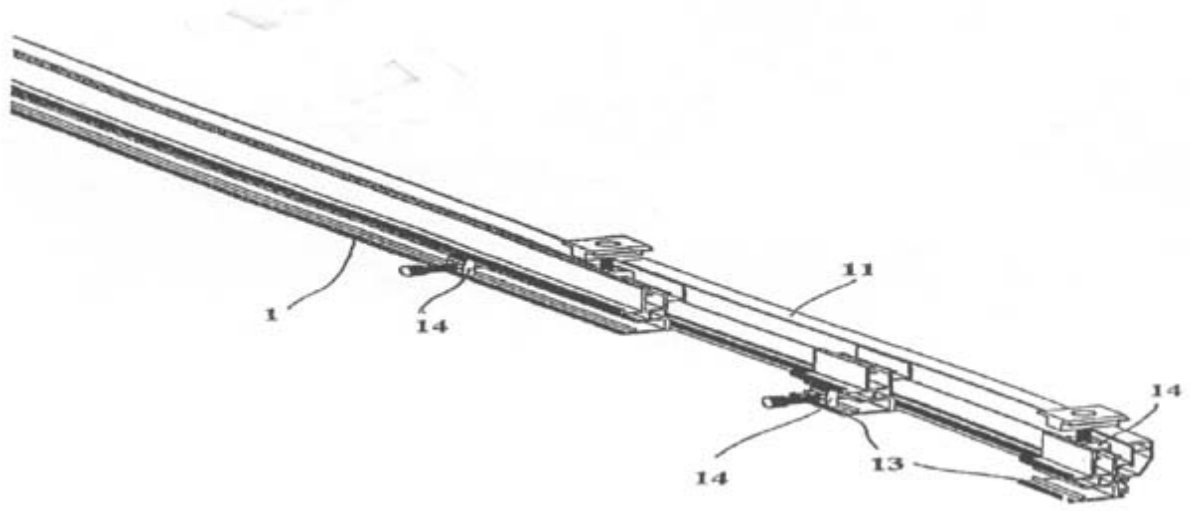
Address of Applicant :9, 15834 rANGSDORF Germany
(72)**Name of Inventor :**
1)GIDO GENSCHOREK

No of Pages : 14
No of Claims : 20

(57) Abstract :
The invention relates to a mounting system consisting of aluminum profiles (1,11) in which threaded sliding blocks (14) inserted in the profiles are used, in particular, for fastening to solar modules and roof supports. The mounting system comprises at least tow spaced profiled mounting rails (1) respectively with a support (2) limiting the profile height (7) and a connection (3) below the support (2) for the roof mounting. Threaded sliding blocks (14) inserted in a form-fitting manner in each profiled mounting rail (1) for fastening the connection with the solar modules and the roof mounts. The profiled mounting rail has additional connecting profiles (4,5,6), arranged on the side or on the side and bottom, for engagement with complementary connecting profiles (8,9,10) of a profiled connecting rail (11). The profiled mounting rail (1) can be extended by sliding shaped pieces (13) with the profile of the profiled mounting rail (1) onto the profiled connecting rail(11).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2317/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF AMINO-OXY FUNCTIONAL GROUPS IN THE PREPARATION OF VACCINES.

(51) International classification :A61K 47/48
(31) Priority Document No :60/539,573
(32) Priority Date :29/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003040
Filing Date :27/01/2005
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LESS, ANDREW

No of Pages : 65
No of Claims : 50

(57) Abstract :
The invention relates to a process for preparing a conjugate comprising combining an amino-oxy homofunctional or heterofunctional regent with an entity chosen form polysaccharides, oligosaccharides, carbohydrates, and carbohydrate-containing molecules containing at lest one carbonyl group, to form a polysaccharide, oligosaccharide, carbohydrate, or carbohydrate-containing mole functionalized via at least one oxime linkage. The functionalized compound is then reacted either directly or indirectly with a protein moiety to form a protein-carbohydrate conjugate that may be used as a vaccine.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2318/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION OF HOST CELLS CONTAINING MULTIPLE INTEGRATING VECTORS BY SERIAL TRANSDUCTION.

(51) International classification	:C12N15/00; C12N15/00
(31) Priority Document No	:10/759,315
(32) Priority Date	:16/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001165
Filing Date	:14/01/2005
(87) International Publication No	:WO 2005/072129
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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2)BREMEL,ROBERT,D.
3)MILLER,LINDA,U

No of Pages : 115
No of Claims : 42

(57) Abstract :
The present invention relates to the production of proteins in host cells, and more particularly to host cells containing multiple integrated copies of an integrating vector comprising an exogenous gene and methods of making such host cells by serial transduction or transfection. The present invention further provides methods of expressing increased levels of protein in host cells using such vectors.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2319/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CONFORMATIONALLY CONSTRAINED SMAC MIMETICS AND THE USES THEREOF.

(51) International classification :A61K31/395
(31) Priority Document No :60/537,140
(32) Priority Date :16/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/001406
Filing Date :18/01/2005
(87) International Publication No :WO 2005/069894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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3)NIKOLOVSKA-COLESKA,ZANETA
4)YANG,CHAO-YIO
5)XU,LIANG

No of Pages : 104
No of Claims : 40

(57) Abstract :
The invention relates to conformationally constrained mimetics of Smac which function as inhibitors of Inhibitor of Apoptosis Proteins. The invention also relates to the use of these mimetics for inducing apoptotic cell death and for sensitizing cells to inducers of apoptosis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2320/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IMPROVEMENT OF THE COARSE TUNING TIME IN PLL WITH LC OSCILLATOR.

(51) International classification :H03B5/00
(31) Priority Document No :60/545,933
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001142
Filing Date :13/01/2005
(87) International Publication No :WO 2005/083880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KOO YIDO
3)LEE JEONG-WOO
4)PARK JOONBEA
5)LEE KYEONGHO

No of Pages : 28
No of Claims : 4

(57) Abstract :
Tuning methods and apparatuses for LC oscillators are disclosed. Embodiments of the present invention include an adaptively controlling the bitcomparison time to provide the smallest coarse tuning time. The bit comparison time is scaled inversely to the amount of redundancy of corresponding weighted capacitors in a capacitor array of the LC oscillator.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2321/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF ARYL-AND HETEROARYL-ALKYLSULFONYL HALIDES.

(51) International classification :C07C 303/20
(31) Priority Document No :60/547,600
(32) Priority Date :25/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005624
Filing Date :23/02/2005
(87) International Publication No :WO 2005/082843
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940-0874, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)MICHALAK RONALDS
2)GHOSH MOUSUMI
3)LEVENT MAHMUT

No of Pages : 39
No of Claims : 31

(57) Abstract :
The present invention provides processes for the preparation of arylalkylsulfonyl halides and heteroarylalkylsulfonyl halides of Formula: Ar-R-SO2-X, that are useful as intermediates in the preparation of pharmaceuticals.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2322/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : THERAPEUTIC CALCIUM PHOSPHATE PARTICLES AND METHODS FOR MAKING AND USING SAME.

(51) International classification	:A61K 31/425
(31) Priority Document No	:60/544,693
(32) Priority Date	:13/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/004247
Filing Date	:11/02/2005
(87) International Publication No	:WO 2005/084637
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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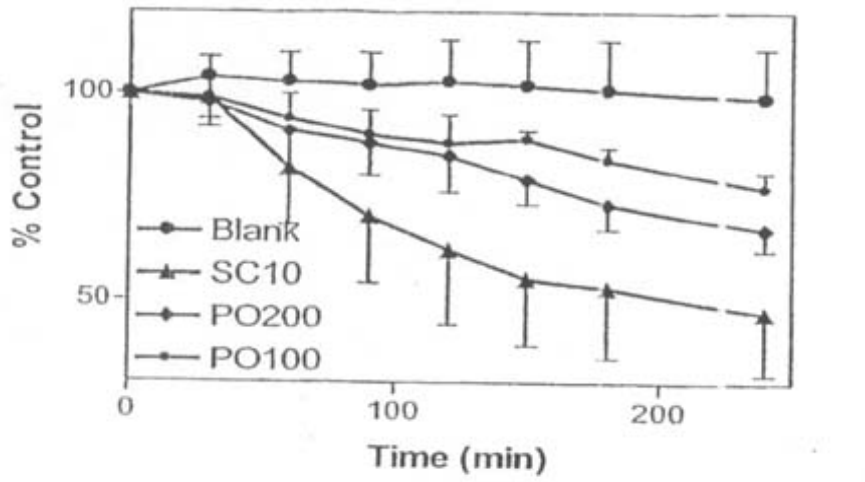
(72)**Name of Inventor :**
1)LEE,WILLIAM,W

No of Pages : 39
No of Claims : 21

(57) Abstract :
The present invention provides calcium phosphate nano-particles encapsulated with biologically active macromolecules. The particles may be used as carriers of biologically active macromolecule for delivery of the macromolecules. The invention also provides methods of making and using the particles.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006
(21) Application No.2323/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MULTIPLE-INPUT ELECTRONIC BALLAST WITH PROCESSOR

(51) International classification :G01N27/414,
(31) Priority Document No :60/544,479
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004721
Filing Date :11/02/2005
(87) International Publication No :WO 2005/081590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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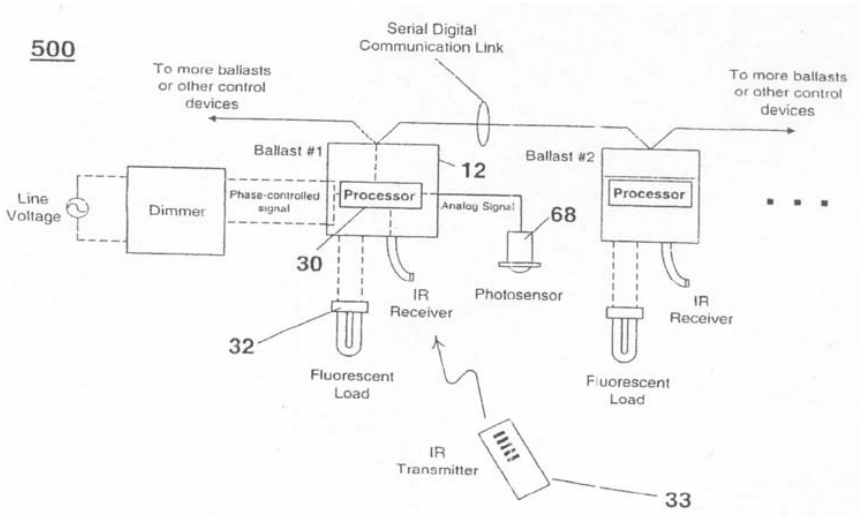
3)TAIPALE, MARK
4)SKVORETZ, MATTHEW
5)SPIRA, JOEL, S.

No of Pages : 41
No of Claims : 61

(57) Abstract :
A ballast having a microprocessor embedded therein is controlled via four inputs. The ballast includes a high-voltage phase-controlled signal provided by a dimmer and an infrared (IR) receiver through which the ballast can receive data signals from an IR transmitter. The ballast can also receive commands from other ballasts or a master control on the serial digital communication link, such as a DALI protocol link. The fourth input is an analog signal, which is simply a DC signal that linearly ranges in value from a predetermined lower limit to a predetermined upper limit, corresponding to the 0% to 100% dimming range of the load. The output stage of the ballast includes one or more FETs, which are used to control the current flow to the lamp. Based on these inputs, the microprocessor makes a decision on the intensity levels of the load and directly drives the FETs in the output stage.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2006

(21) Application No.2324/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD FOR PROTECTING A CHARACTER ENTERED AT A GRAPHICAL INTERFACE".

(51) International classification	:G06T11/60
(31) Priority Document No	:200400883-5
(32) Priority Date	:02/03/2004
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2005/000035
Filing Date	:11/02/2005
(87) International Publication No	:WO 2005/083638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisionalto Application Number	:NA
Filing Date	:NA

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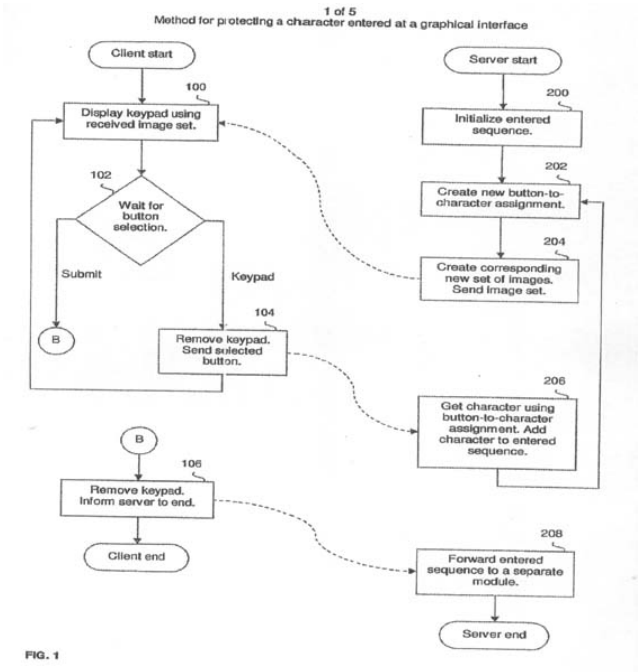
3)NETRUST OTE LTD.
(72)**Name of Inventor :**
1)LIM YUEN CHEN
2)TAN MICHELLE LI HUA

No of Pages : 15
No of Claims : 25

(57) Abstract :
The present invention provides a method for protecting a character entered at a graphical interface. The method comprises the steps of: generating a set of images that form a complete image of a keypad having a button-to-character assignment; displaying the graphical keypad using said image set; and, obtaining the character of a selected button using the button-to-character assignment. The inventive method can be repeated with a different button-to-character assignment in each repetition to obtain a sequence of characters. In consequence of the inventive method, the entered character is protected as monitoring software can capture merely unreadable portions of the complete keypad image. In furtherance of this purpose, the present invention also provides a method for generating a set of images from a complete image of a character belonging to a character set.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2325/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUBSTRATE, SUCH AS A GLASS SUBSTRATE WITH A HYDROPHOBIC SURFACE AND IMPROVED DURABILITY OR HYDROPHOBIC PROPERTIES

(51) International classification :C03C 17/42
(31) Priority Document No :0450343
(32) Priority Date :24/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050119
Filing Date :23/02/2005
(87) International Publication No :WO 2005/084943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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2)HUIGNARD, ARNAUD

No of Pages : 30
No of Claims : 29

(57) Abstract :
The invention relates to a substrate of which at least one part of the surface thereof has been rendered hydrophobic and, for said purpose, has a hydrophobic surface structure consisting of an essentially-mineral silicon-containing sub-layer and an outer layer comprising a hydrophobic agent which is grafted onto said sub-layer. The invention is characterised in that the outer hydrophobic agent layer is applied to the sub-layer while the surface of the latter is in an activated state before being brought into contact with said hydrophobic agent. The invention also relates to rain-repellent glass comprising one such substrate, which is particularly suitable for use in the automobile, aviation, construction, electric household appliance and ophthalmic lens industries.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.2326/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS FOR PROTEIN PRODUCTION.

(51) International classification :A61K 31/70
(31) Priority Document No :60/545,839
(32) Priority Date :19/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004230
Filing Date :11/02/2005
(87) International Publication No :WO 2005/079267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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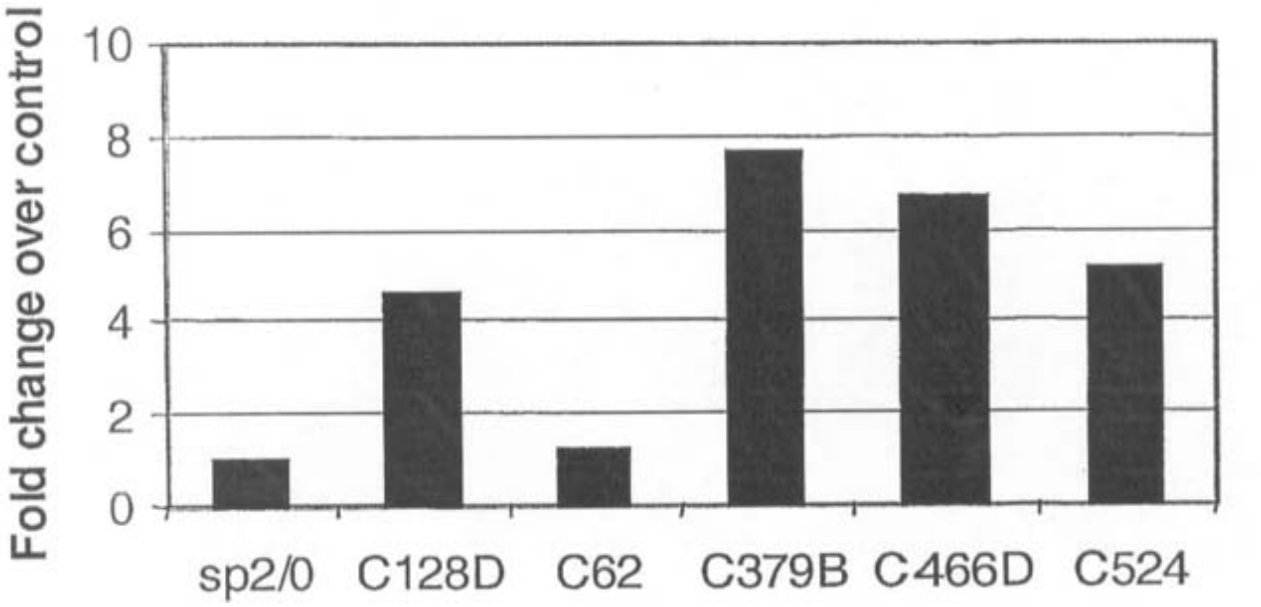
No of Pages : 15
No of Claims : 11

(57) Abstract :
Methods for altering the cellular secretion rate of a protein, such as an antibody and the altered cells produced by the method are disclosed. The methods and altered cells are useful for producing high levels of proteins for therapeutic, diagnostic or research purposes.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2327/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MECHATRONIC CONTROL SYSTEM.

(51) International classification :G01D5/18
(31) Priority Document No :1025523
(32) Priority Date :19/02/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2005/000127
Filing Date :21/02/2005
(87) International Publication No :WO 2005/080921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NIESING, WILLEM

No of Pages : 13
No of Claims : 11

(57) Abstract :
A mechatronic system, comprising an actuator having at least two actuator parts arranged so as to be adjustable relative to each other along an adjustment path by means of a mechanical drive, and an electronic control coupled with the drive, provided with a position detector for detecting in at least one position along the adjustment path the relative position of the actuator parts, wherein the position detector comprises a semiconductor cooperating with an electric field source, wherein the electric field source is arranged on one actuator part and the semiconductor is arranged on another actuator part, such that the electric field source causes an electric field along the adjustment path and in at least one position along the adjustment path a flux of the electric field penetrates into the semiconductor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

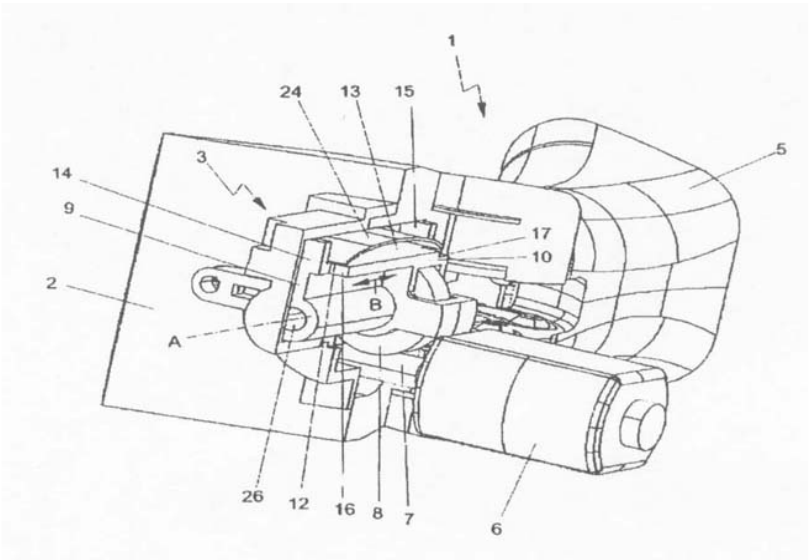
(21) Application No.2328/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MIRROR ADJUSTMENT MECHANISM WING MIRROR UNIT AND METHOD.

(51) International classification	:B60R 1/074	(71)**Name of Applicant :**
(31) Priority Document No	:1025524	**1)EATON AUTOMOTIVE B. V.**
(32) Priority Date	:19/02/2004	Address of Applicant :WAARDSEDIJK OOST 9 3417 XJ MONTFOORT Netherlands
(33) Name of priority country	:Netherlands	
(86) International Application No	:PCT/NL2005/000126	(72)**Name of Inventor :**
Filing Date	:21/02/2005	**1)BROUWER STEFAN FRITS**
(87) International Publication No	:WO 2005/080136	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisionalto Application Number	:NA	
Filing Date	:NA	

No of Pages : 15
No of Claims : 14

(57) Abstract :
The invention relates to a mirror adjustment mechanism for adjusting a mirror housing of a motor vehicle, comprising a drive mechanism arranged in an actuator housing, which drive mechanism comprises an electric motor and a drive train. Furthermore, the drive mechanism includes a driving part connected to an electrical circuit and arranged so as to be movable under spring action relative to the actuator housing. In addition, for controlling an electric motor, the driving part comprises at least one first electrical contact part which cooperates with at least one second, corresponding contact part fixedly arranged relative to the actuator housing and connected to the electrical circuit. Also, the driving part is movable between a first position in which the impedance between the first and second contact part has a first value, and a second position in which the impedance between the first and second contact parts has a second value.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006

(21) Application No.2329/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RACK GUIDE AND RACK AND PINION STEERING DEVICE USING THE RACK GUIDE

(51) International classification :B62D 3/12
(31) Priority Document No :2004-066369
(32) Priority Date :09/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003794
Filing Date :04/03/2005
(87) International Publication No :WO 2005/085039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisionalto Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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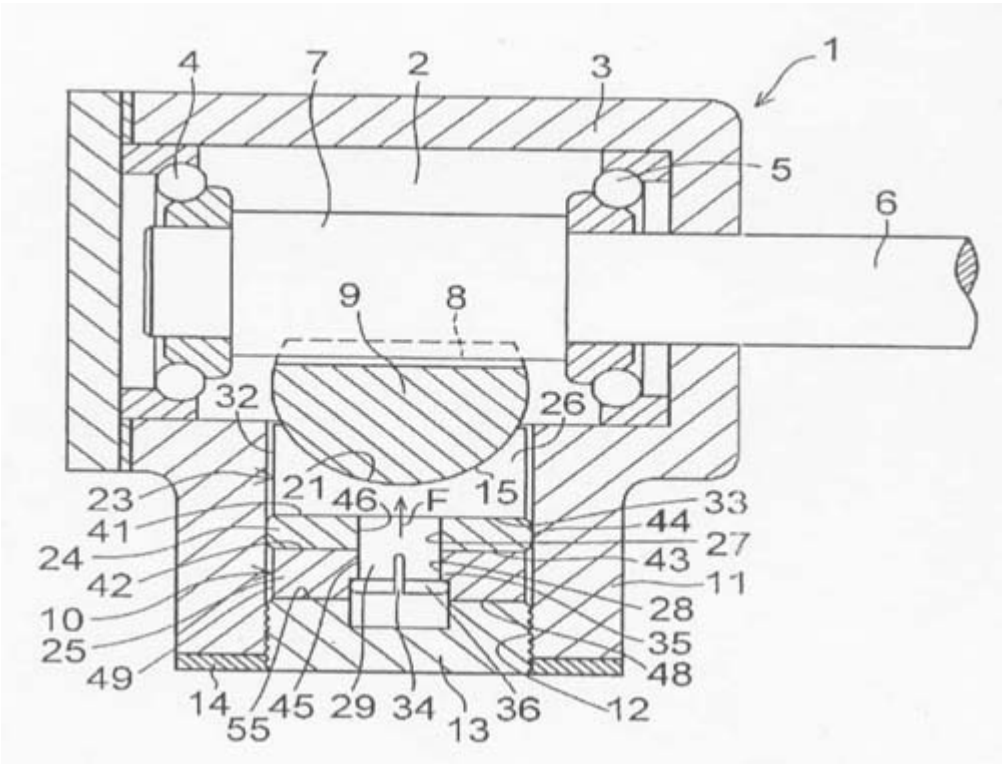
2)KUZUMI YOSHIRO
3)KAIDA HIDETOSHI

No of Pages : 58
No of Claims : 29

(57) Abstract :
A rack and pinion steering device (1), comprising an aluminum or aluminum alloy gear case (3) having a hollow part (2), a steering shaft (6) rotatably supported on the gear case (3) through rolling bearings (4) and (5), a pinion (7) rotatably supported on the gear case (3) through the steering shaft (6), a rack bar (9) on which rack teeth (8) meshed with the pinion (7) are formed, and a rack guide (10) disposed in the hollow part (2) in the gear case (3) and supporting the rack bar (9) slidably in the moving direction (A) thereof..



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2330/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "LITHIUM SECONDARY CELL WITH HIGH CHARGE AND DISCHARGE RATE CAPABILITY"

(51) International classification :H01M 4/58
(31) Priority Document No :60/542,550
(32) Priority Date :06/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003662
Filing Date :07/02/2005
(87) International Publication No :WO 2005/076936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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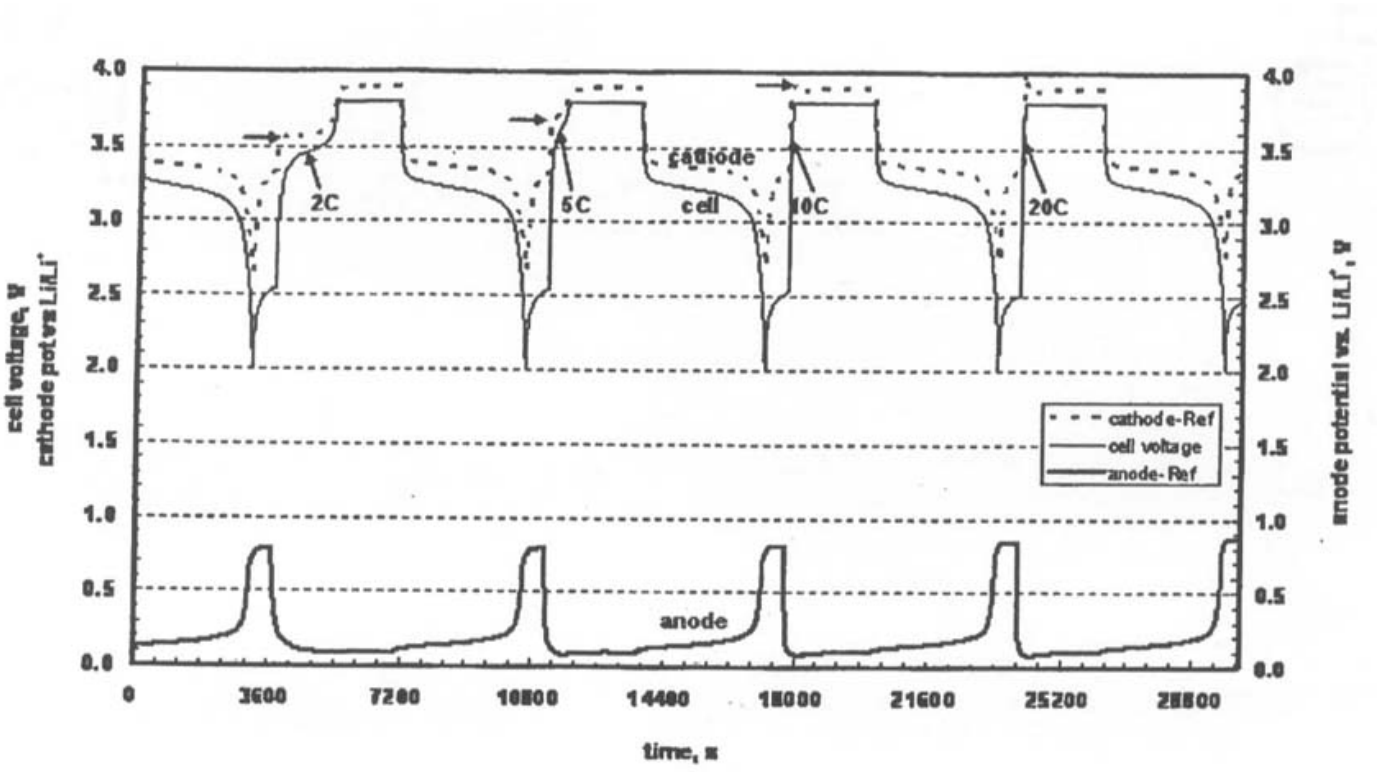
2)CHU,ANDREW,C.
3)CHIAN,YET-MING
4)RILEY,GILBERT,N.

No of Pages : 45
No of Claims : 73

(57) Abstract :
A high capacity, high charge rate lithium secondary cell includes a high capacity lithium-containing positive electrode in electronic contact with a positive electrode current collector, said current collector in electrical connection with an external circuit, a high capacity negative electrode in electronic contact with a negative electrode current collector, said current collector in electrical connection with an external circuit, a separator positioned between and in ionic contact with the cathode and the anode, and an Electrolyte in ionic contact with the positive and negative electrodes, wherein the total area specific impedance for the cell and the relative area specific impedances for the positive and negative electrodes are such that, during charging at greater than or equal to 4C, the negative electrode potential is above the potential of metallic lithium. The current capacity per unit area of the positive and negative electrodes each are at least 3 mA-h/cm, the total area specific impedance for the cell is less than about 20 ohm-cm, and the positive electrode has an area specific impedance r1 and the negative electrode has an area specific impedance r2, and wherein the ratio of r1 to r2 is at least about 10.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2331/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : USE OF INDANOYL AMIDE TO STIMULATE SECONDARY METABOLISM IN TAXUS SP.

(51) International classification :C12P 17/02
(31) Priority Document No :60/543,921
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004569
Filing Date :14/02/2005
(87) International Publication No :WO 2005/079355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALFORD JENNIFER
3)HECKENMUELLER HARALD
4)ROACH BRADEN

No of Pages : 36
No of Claims : 29

(57) Abstract :
The invention is directed to a method for the production of taxanes by culturing suspension cells of Taxus sp.in a nutrient medium that comprises an indanoyl amino acid. The indanoyl amino acid may be added in batch mode or in a feed stream at any time of the culturing. In particular, synthetic compounds 6-Ethyl-indanoyl-isoleucine, 6-Bromoindanoyl isoleucine and 1-oxo-indane-carboxy-(L)-Isoleucine-methyl ester amide (1-OII) have been found to increase taxane production from Taxus cell cultures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2332/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "DERIVATIVES OF PIPERIDINYLALKYLCARBAMATES, PREPARATION METHOD THEREOF AND USE OF SAME AS FAAH ENZYME INHIBITORS"

(51) International classification :A61K 31/4468
(31) Priority Document No :04/01,952
(32) Priority Date :26/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000452
Filing Date :25/02/2005
(87) International Publication No :WO 2005/089759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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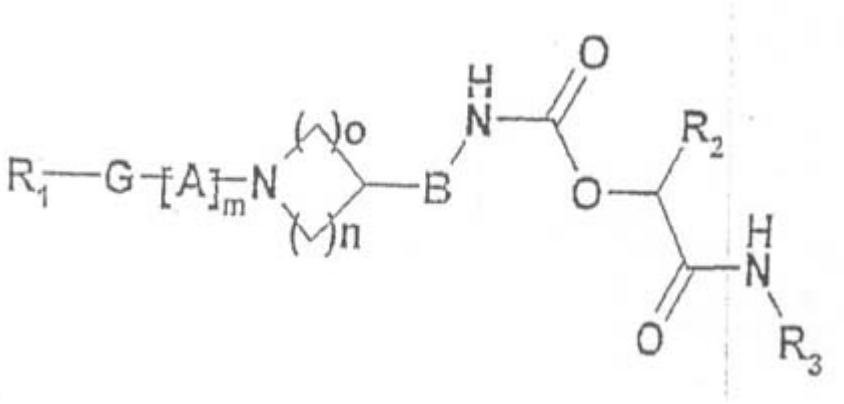
3)HOORNAERT CHRISTIAN
4)JEUNESSE JEAN

No of Pages : 65
No of Claims : 14

(57) Abstract :
The invention relates to a compound having general formula (I), wherein: m = 1 to 4; n represents = 1, 2 or 3; o = 1 or 2; A is selected from among one or more X, Y and/or Z groups; X = optionally-substituted methylene; Y = C2-alkenylene, optionally substituted; Z = C3-7-cycloalkyl; B = covalent bond or C1-6-alkylene; G = covalent bond, O, S, -CH(OH)-, CO, SO or SO2; R1 represents an aryl- or heteroaryl-type group; R2 =hydrogen or C1-6-alkyl; R3 = hydrogen, C1-6-alkyl, C3-7-cycloalkyl, C3-7-cycloalkyl-C1-3-alkylene. The inventive compound takes the form of a base, an acid addition salt, a hydrate or a solvate. Said compounds are suitable for use as FAAH enzyme inhibitors.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2333/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : OLIGOSACCHARIDES, PREPARATION METHOD AND USE THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME

(51) International classification	:C12P19/04; A61K31/702; A61K31/727; A61P3
(31) Priority Document No	:04/01,810
(32) Priority Date	:24/02/2004
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/ER2005/000431 :23/02/2005
(87) International Publication No	:WO 2005/090591
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)MOURIER PIERRE

No of Pages : 41
No of Claims : 41

(57) Abstract :
The invention relates to oligosaccharides, the preparation method and use thereof, and pharmaceutical compositions containing same. More specifically, the invention relates to oligosaccharides which can be used for the treatment of cancer and, in particular, to prevent and inhibit the formation of metastases. The inventive oligosaccharides can be used, for example, during early breast, lung, prostate, colon or pancreatic cancer. The oligosaccharides can be administered subcutaneously, orally or intravenously. Moreover, said oligosaccharides can be used alone or together with other anticancer agents, e.g. cytotoxics such as docetaxel or paclitaxel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2006
(21) Application No.2334/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF A CXCR4 ANTAGONIST

(51) International classification :A61K 31/4709, C07D 215/38
(31) Priority Document No :60/553,589
(32) Priority Date :15/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008268
Filing Date :11/03/2005
(87) International Publication No :WO2005/090308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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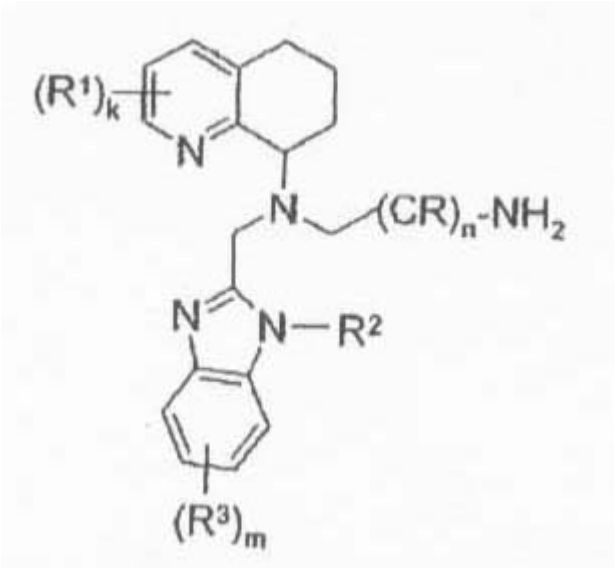
2)CHEN GANG
3)GAUTHIER DAVID
4)SKERLJ RENATO
5)BAIRD IANR
6)WILSON TREVOR R

No of Pages : 41
No of Claims : 39

(57) Abstract :
This invention relates to a process for synthesizing heterocyclic pharmaceutical compound which binds to the CXCR4 chemokine receptor. In one embodiment, the process comprises: a) reacting a 5,6,7,8-tetrahydroquinolinylamine and an alkyl aldehyde bearing a phthalimide or a di-tertiary-butoxycarbonyl (di-BOC) protecting group to form an imine; b) reducing the imine to form a secondary amine; c) reacting the secondary amine with a haloalkyl substituted heterocyclic compound, to form a phthalimido-protected or di-tert-butoxycarbonyl protected tertiary amine; and d) hydrolyzing the protected amine to obtain a compound having Formula (I").



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2335/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PATTERN RECOGNITION OF SERUM PROTEINS FOR THE DIAGNOSIS OR TREATMENT OF PHYSIOLOGIC CONDITIONS.

(51) International classification :G01N33/48
(31) Priority Document No :NA
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/001579
Filing Date :20/01/2004
(87) International Publication No :WO 2005/080968
(61) Patent of Addition 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)AGUS, DAVID, B.
2)KVAMME, MARK, D.

No of Pages : 30
No of Claims : 17

(57) Abstract :
Systems and methods of diagnosing and/or treating physiologic conditions based upon pattern recognition of serum protein profiles are provided. Mass spectrometry or other conventional techniques for creating a profile of serum proteins is employed, and a patient's profile is thereafter digitized for computational analysis. A pattern recognition module is implemented to determine a degree of similarity between the patient's profile and other profiles stored in a database along with information describing the pathologic state of the individuals from whom such data was obtained. The degree of similarity may provide an indication of, for example, the way in which the patient may react to a particular clinical treatment or their predisposition to a particular disease condition. The methods and system of the present invention may be used to monitor the dynamic progression of disease pathology in a patient, and may be implemented via a computer network.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2336/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IDENTIFICATION ELEMENT FOR A SERVICE DEVICE FOR DETECTING DISMOUNTING AND CORRESPONDING METHOD.

(51) International classification :H01H71/02
(31) Priority Document No :102004008516.1
(32) Priority Date :20/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/050584
Filing Date :09/02/2005
(87) International Publication No :WO2005/081277 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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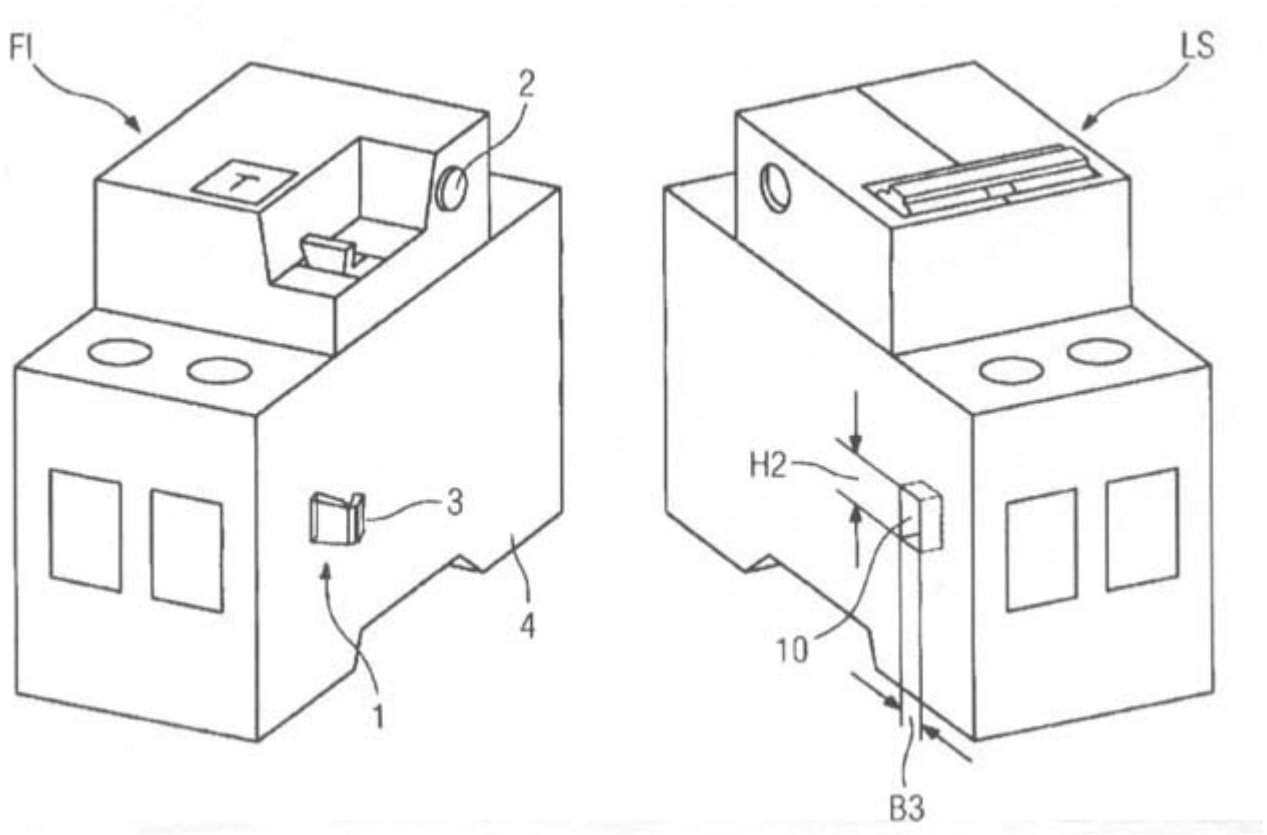
2)Johann Herrmann
3)Gerald Norl

No of Pages : 11
No of Claims : 12

(57) Abstract :
The invention relates to a method for detecting dismounting for serially integrated devices. As an indirect sign of dismounting, the mounting of a first installation device (FI) is characterised on a second installation device (LS). An identifying element (1), which is placed on a first installation device (FI) is introduced into a recess (10) of the second installation device (LS) when the two installation devices are mounted in an adjacent manner. When the identification element (1) is introduced into the recess (10), the identifying element (1) is at least partially separated or damaged. When the two installation devices (FI, LS) are dismounted, damage to the identifying element is clearly recognisable.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2337/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR ALLOCATING A SUBCHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS CELLULAR COMMUNICATION SYSTEM

(51) International classification :H04B7/26
(31) Priority Document No :1020040015224
(32) Priority Date :05/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000626
Filing Date :05/03/2005
(87) International Publication No :WO 2005/086384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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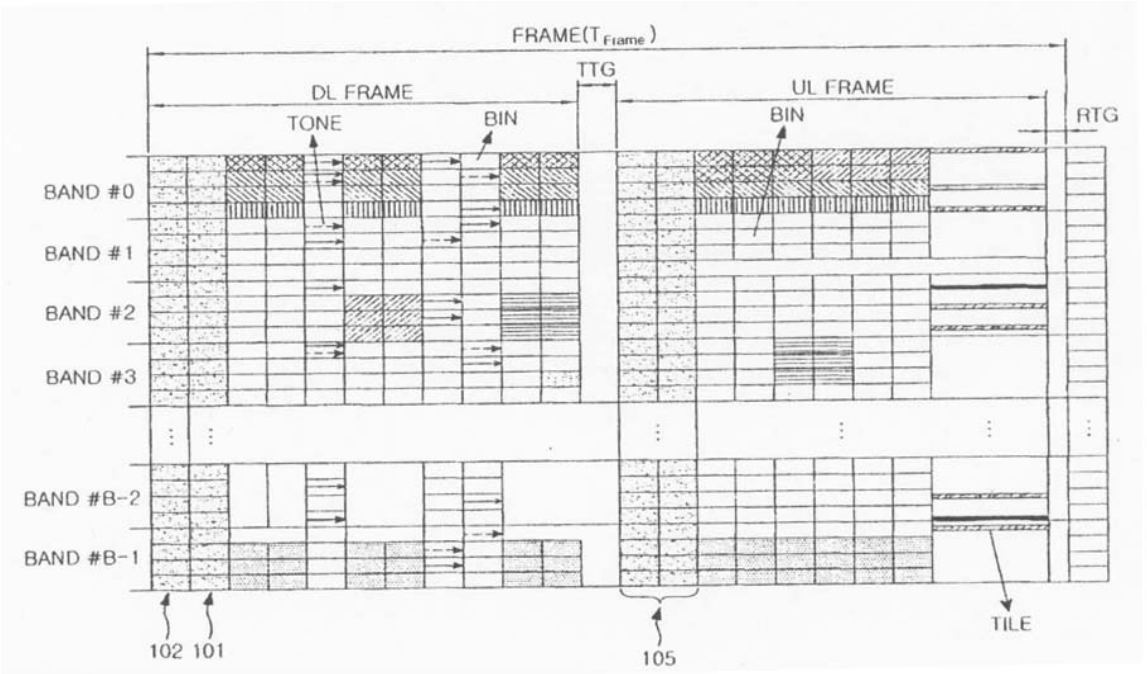
2)Jae-Ho-JEON
3)Soon-Young YOON
4)Sang-Hoon SUNG
5)Seung-Joo MAENG
6)Hoon HUH
7)Jae-Hee CHO
8)Jeong-Heon KIM

No of Pages : 17
No of Claims : 18

(57) Abstract :
A method for allocating a sub channel in a transmitter of an Orthogonal Frequency Division Multiple Access (OFDMA) cellular communication system in which an entire frequency band includes a plurality of bands, each of the bands includes a plurality of bins, and each of bins includes a plurality of subcarriers. The method includes dividing a predetermined time interval and a Adaptive Modulation and Coding (AMC) subchannel time interval and a diversity subchannel time interval; selecting any one of the plurality of bands in the AMC subchannel time interval; selecting a predetermined number of bins among the plurality of bins in the selected band; and allocating the selected bins to the AMC subchannel.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2338/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOUND AND COMPOSITION CONTAINING THE SAME.

(51) International classification :C08G 73/08
(31) Priority Document No :2004-070791
(32) Priority Date :12/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003899
Filing Date :07/03/2005
(87) International Publication No :WO 2005/087704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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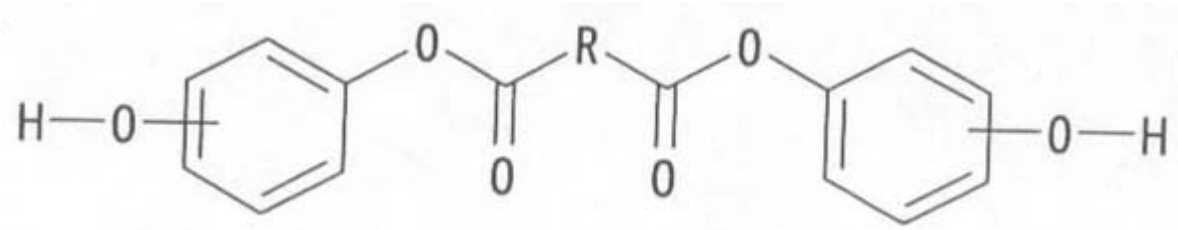
2)ARASHIBA NOBUMASA
3)NAGATOMO AKINORI
4)OOGAKI KOUKI
5)KOBAYASHI TAKESHI

No of Pages : 22
No of Claims : 7

(57) Abstract :
This invention provides a compound represented by the following general formula (1) and capable of suppressing the blooming, which is observed in the compounding of the resorcinol or the workability and high humidity-aged adhesion of the rubber composition obtained by compounding with rubber, reducing the deterioration of the adhesiveness during the storage of the rubber composition and stably developing the adhesiveness as well as the composition containing the above-mentioned compound as a main component: (wherein R represents a divalent aliphatic group having a carbon number of 1-16).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2339/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF MONO-DISPERSED SIO2 PARTICLES.

(51) International classification :B01J 20/10
(31) Priority Document No :10 2004 011 110.3
(32) Priority Date :08/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001323
Filing Date :10/02/2005
(87) International Publication No :WO 2005/085135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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No of Pages : 21
No of Claims : 19

(57) Abstract :
The invention relates to a method for the production of mono-dispersed SiO2 particles by means of hydrolytic polycondensation of tetraalkoxysilanes and/or organotrialkoxysilanes, whereby the hydrolytic polycondensation is carried out in a medium comprising water, one or more solubilising agents and one or more amines, to give highly mono-dispersed non-porous particles. The invention further relates to powders obtained by said method and the use thereof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2340/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INTEGRATED PHOTONIC DEVICES.

(51) International classification :H01L 21/00
(31) Priority Document No :60/537,248
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001783
Filing Date :19/01/2005
(87) International Publication No :WO2005/072224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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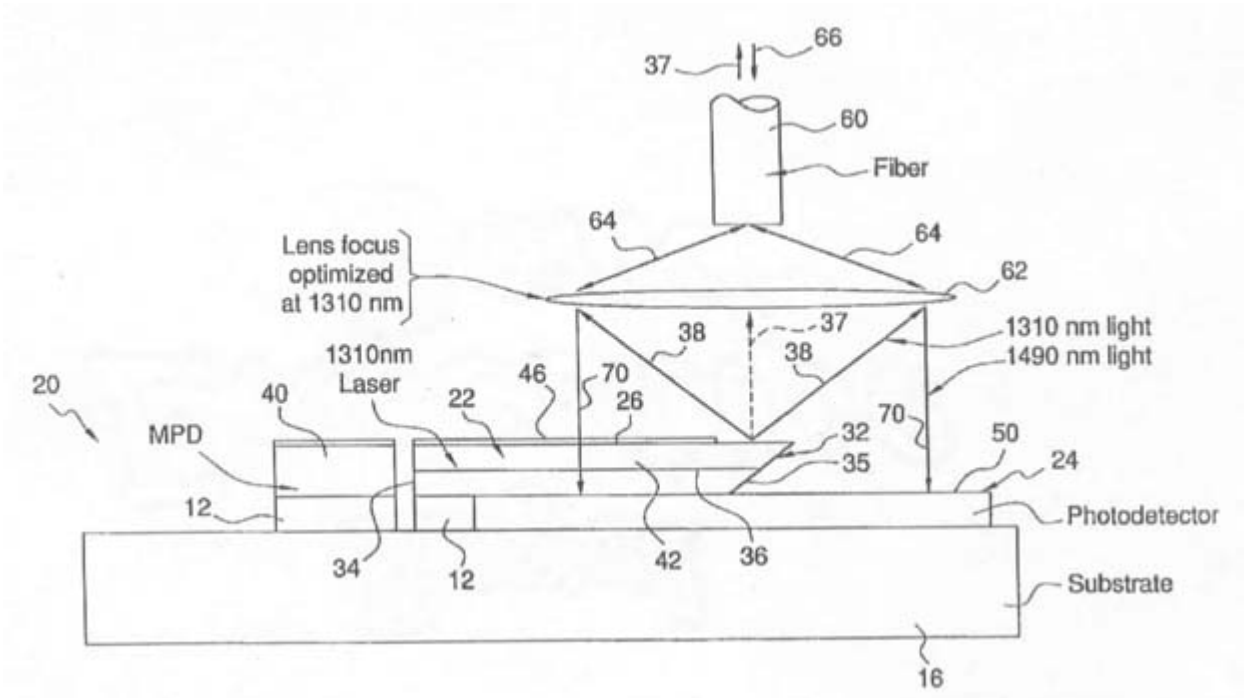
2)GREEN,MALCOLM
3)SCHREMER,ALFRED

No of Pages : 18
No of Claims : 41

(57) Abstract :
Abstract of the Disclosure A laser (22) and detector (24) integrated on corresponding epitaxial layers of a single chip (20) cooperate with on-chip and/or external optics (62) to couple light of a first wavelength emitted by the laser to a single external device such as an optical fiber (60) and to simultaneously couple light of a different wavelength received from the external device to the detector to provide bidirectional photonic operation. Multiple lasers and detectors may be integrated on the chip to provide multiple bidirectional channels.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2341/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR TEXT INPUT IN VARIOUS LANGUAGES"

(51) International classification	:H03K17/94,G09G 5/00
(31) Priority Document No	:60/546,424
(32) Priority Date	:20/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005280
Filing Date	:17/02/2005
(87) International Publication No	:WO 2005/081869
(61) Patent of Addition 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)JAMES CHRISTINA

No of Pages : 46
No of Claims : 28

(57) Abstract :
A method and apparatus for facilitating text input for network applications, such as, for example, wireless applications, are described. Multiple input signals are received from a user, each input signal corresponding to a key within a user input interface and further representing Latin, e.g. English, language phonetic equivalents of at least one language character including a language character intended by the user to form a word construct in a language. Each input signal is further used to generate at least one proposed language character. At least one proposed word construct is further formed in the language using the at least one proposed language character. Finally, the at least one proposed word construct is displayed for the user on a display screen.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2342/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LOOSELY LAID NATURAL STONE PANEL FLOOR.

(51) International classification :EP04F15/02
(31) Priority Document No :20 2004 002 966.9
(32) Priority Date :26/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/008967
Filing Date :11/08/2004
(87) International Publication No :WO 2005/085550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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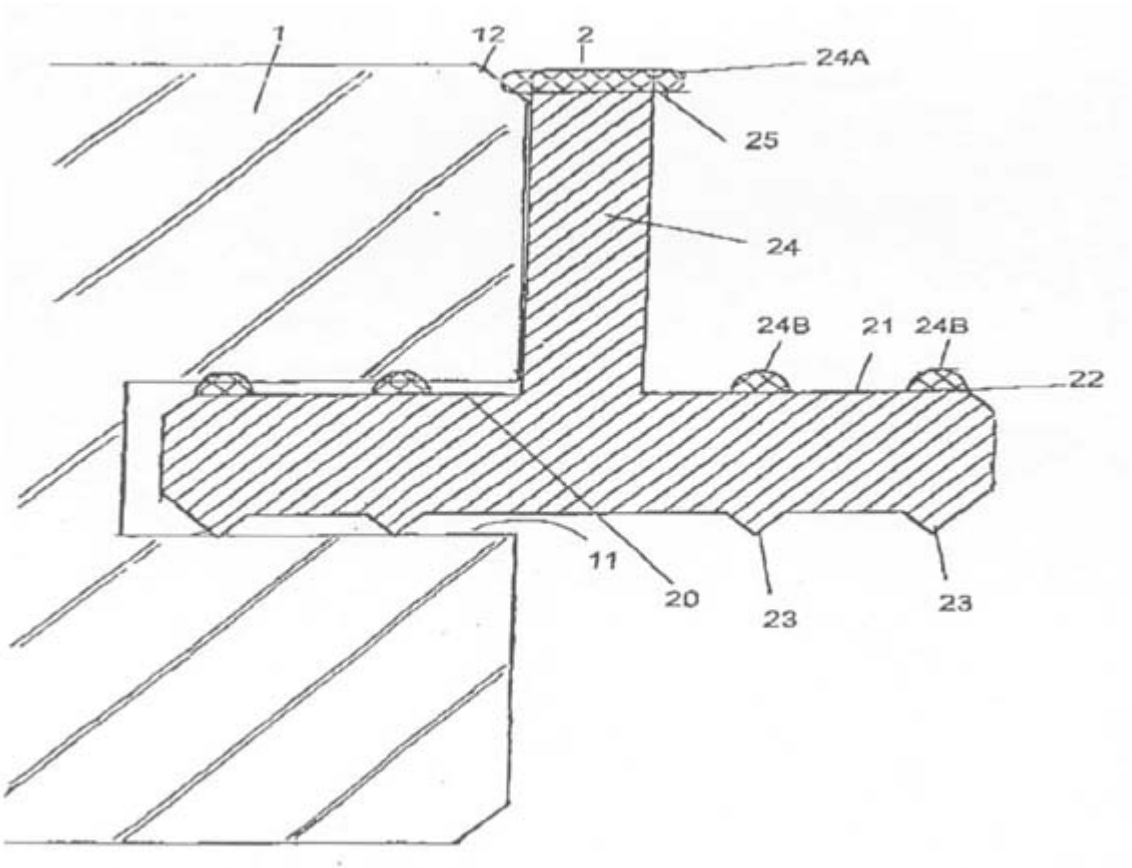
No of Pages : 7
No of Claims : 9

(57) Abstract :
The invention relates to a natural stone panel floor, whereby the floor panels thereof (1) are laid at a distance from each other on an essentially flat base. The base panels (1) comprise, respectively, a groove (11) which is arranged on the lateral surface thereof (10) and respectively a plastic spacer (2) which is arranged between adjacent floor panels (1), said spacer supports a clamping crosspiece (20, 21) on both sides thereof, which is maintained in a clamped manner in the groove (11).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2343/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "ACTUATING MECHANISM FOR BOWDEN CABLES."

(51) International classification :F16C1/18
(31) Priority Document No :102004009332.6
(32) Priority Date :26/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002116
Filing Date :28/02/2005
(87) International Publication No :WO 2005/083286
(61) Patent of Addition 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 :RUA DO CAVACO 115 APTDO.1075,VERMOIM 4471,MAIA,PORTUGAL Portugal
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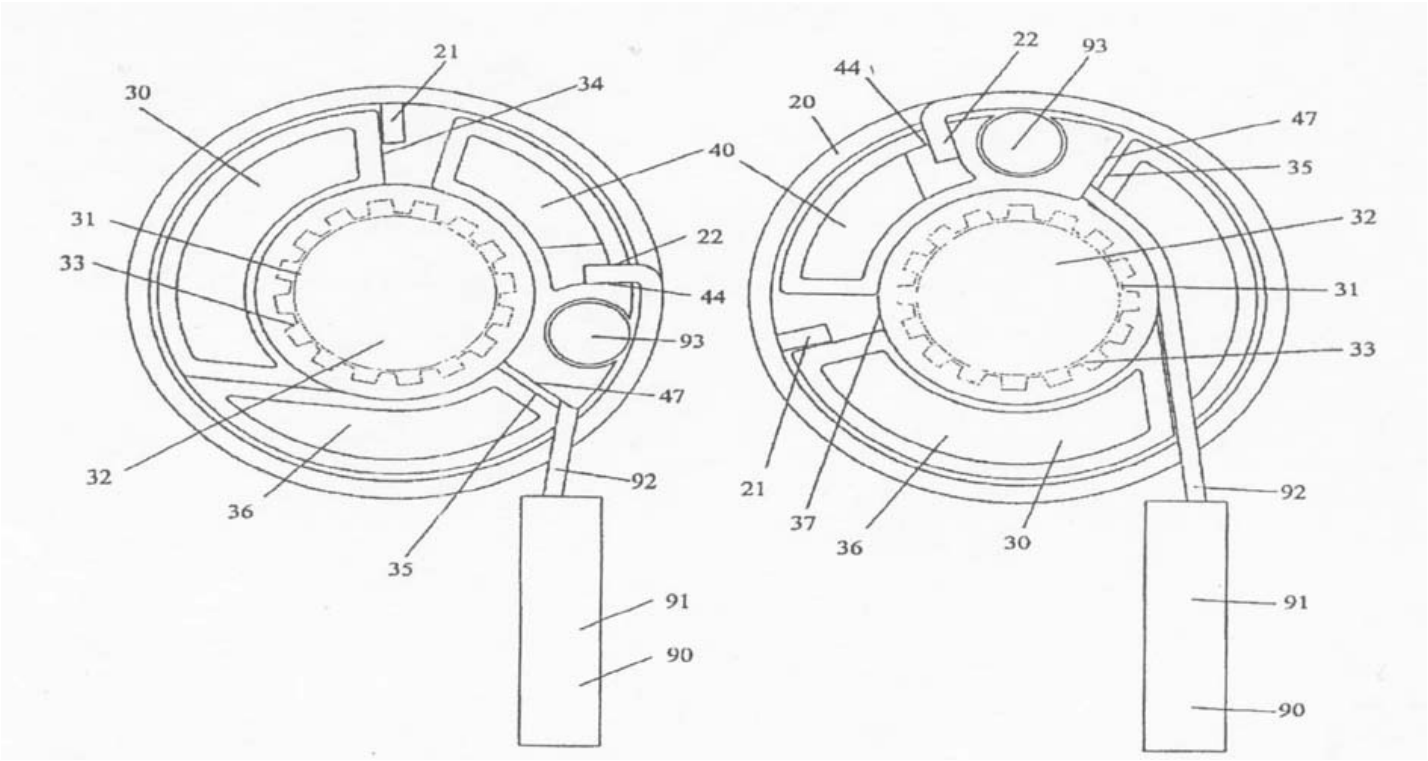
No of Pages : 26
No of Claims : 10

(57) Abstract :
The invention relates to an actuating mechanism (1) for manually actuating at least one Bowden cable (90). Said mechanism comprises a reel (40), which can be connected to an inner cable (92) of the Bowden cable (90) and a follower body (30) that can be connected to an actuating lever (100), the reel (40) and the follower body (30) being rotationally mounted about a common rotational axis and adopting the same axial position on the rotational axis.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2344/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD OF SELECTING OPERATIONAL PARAMETERS IN A COMMUNICATION NETWORK.

(51) International classification :H04Q 7/20
(31) Priority Document No :0406083.6
(32) Priority Date :18/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2005/006886
Filing Date :04/03/2005
(87) International Publication No :WO 2005/091948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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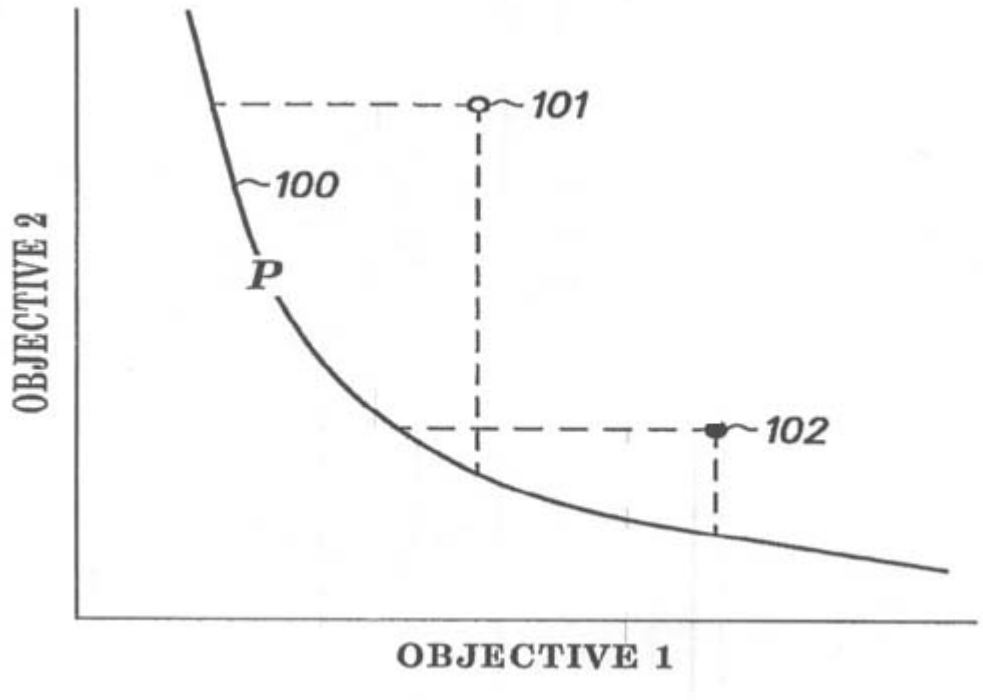
4)MISRA RASHMI

No of Pages : 29
No of Claims : 10

(57) Abstract :
The present invention provides a method of selecting operational parameters of a communication network. The method is characterised by searching the operational parameter space using a multiple objective simulated annealing (MOSA) process, wherein the objectives are based upon performance indicators (PIs) of the communication network. Moreover, the MOSA process generates an archive of estimated values of a Pareto front ,and employs a dominance-based energy function. The present invention thus provides the benefit of enabling assessment of different estimated optimal trade-offs between multiple objectives.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006

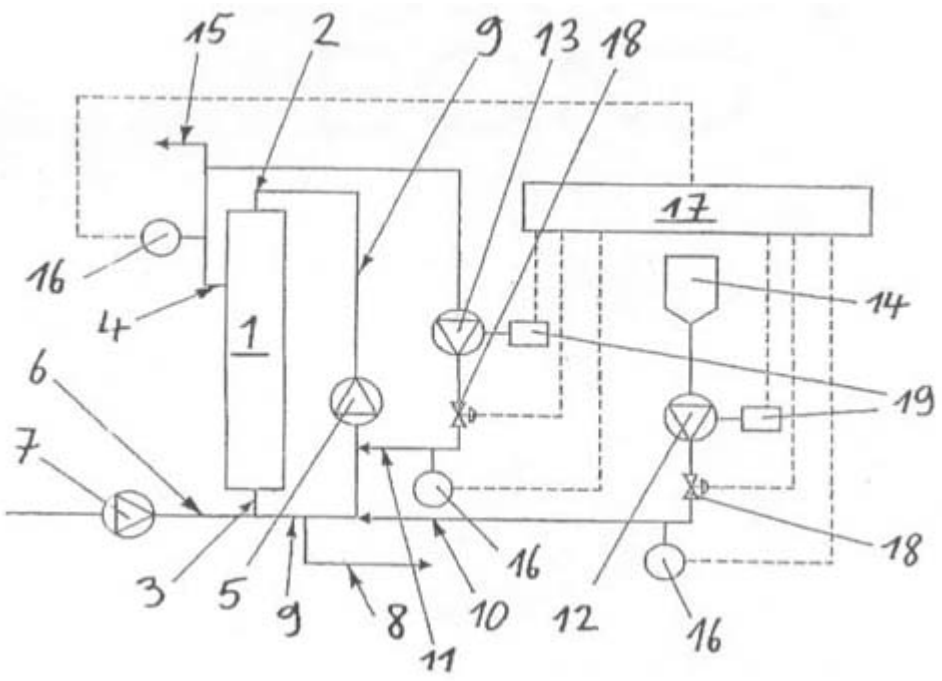
(21) Application No.2345/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR THE DIAFILTRATION OF A PRODUCT AND DEVICE FOR CARRYING OUT THIS METHOD.

(51) International classification	:A23L2/74	(71)**Name of Applicant :**
(31) Priority Document No	:0260/04	**1)BUCHER GUYER AG**
(32) Priority Date	:18/02/2004	Address of Applicant :MURZELENSTRASSE 80, CH-8166,NIEDERWENINGEN, Switzerland
(33) Name of priority country	:Switzerland	(72)**Name of Inventor :**
(86) International Application No	:PCT/CH2005/000039	**1)ZIMMER,EDGAR**
Filing Date	:26/01/2005	
(87) International Publication No	:WO 2005/077208	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31 No of Claims : 36

(57) Abstract :
The invention relates to a diafiltration stage for concentrated fruit juices, comprising a cross-flow filtration element (1). The product inlet (2) and the product outlet (3) of the filtration element (1) are united via a circulation pump (5) to form a product circuit, to which product is continuously supplied via a product supply line (6) and from which product can be continuously removed via a product discharge line (8). The permeate outlet (4) of the filtration element (1) is connected to the product circuit via a return line (11) comprising a permeate pump (13), enabling a desired amount of permeate to be returned to the product circuit. In addition, the stage comprises a wash-fluid supply line (10) that is equipped with a wash-fluid pump (12), which is used to supply a desired amount of water to the product circuit as wash fluid. The supplied amounts of permeate and water can be set independently of one another. Said diafiltration stage permits both the degree of washing of the product and the quality and amount of the product retentate and the permeate that is produced to be set and regulated within a wide range, even for fixed operating conditions, such as those required in continuous multi-stage large-scale installations.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006
(21) Application No.2346/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FLEXIBLE ACTIVE SIGNAL CABLE.

(51) International classification :G02B6/44
(31) Priority Document No :10/812,601
(32) Priority Date :30/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005477
Filing Date :22/02/2005
(87) International Publication No :WO 2005/102021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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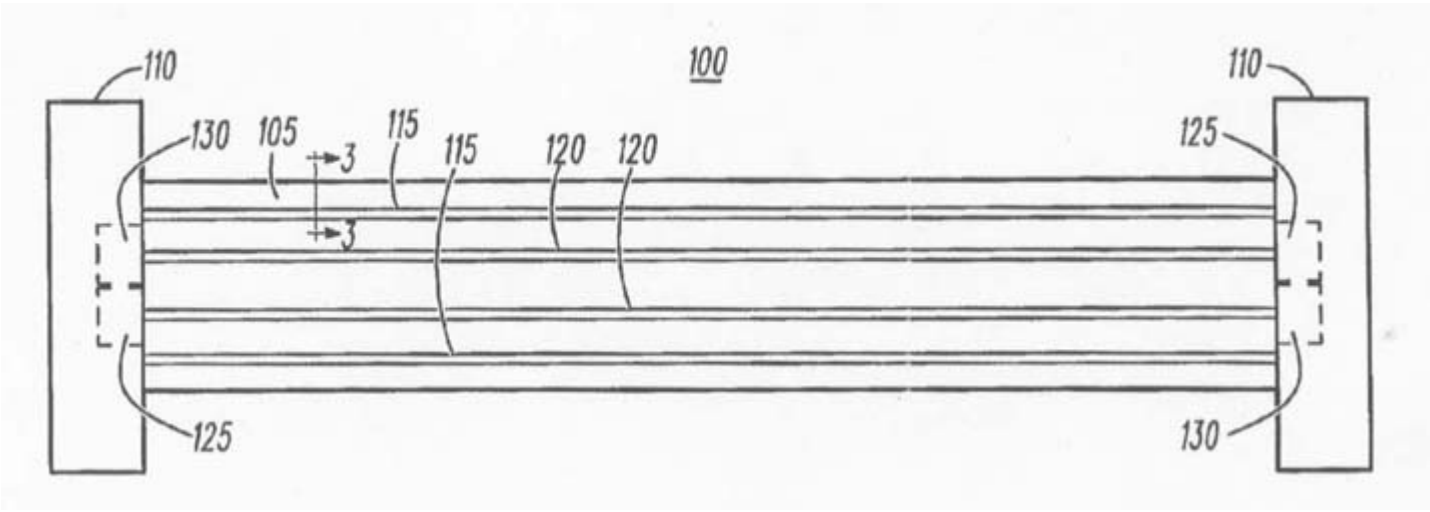
4)TUNGARE AROON V.
5)ZHUANG ZHIMING

No of Pages : 13
No of Claims : 10

(57) Abstract :
A flexible active signal cable (100, 200) includes a flexible printed circuit substrate (105), two electrical connectors (110), at least two metal conductors (115), at least one flexible optical waveguide (120), an optical transmitter (125), and an optical receiver (130). In some embodiments, the flexible active signal cable is less than 0.5 meters long and is capable of being wrapped and unwrapped from a 5 millimeter diameter mandrel 10,000 times with a low probability of failure at a test temperature, while supporting data rates greater than 25 megabits per second.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2006

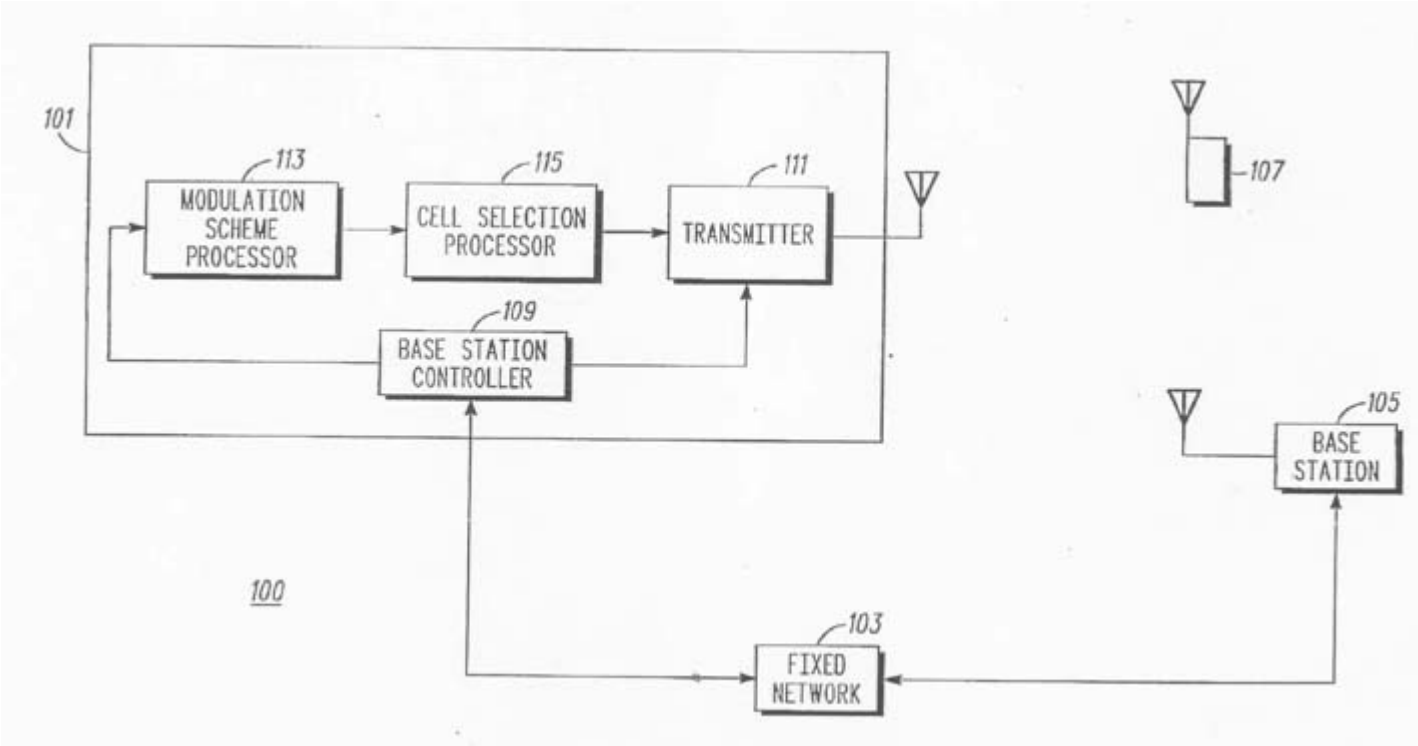
(21) Application No.2347/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING CELL SELECTION IN A CELLULAR COMMUNICATION SYSTEM

(51) International classification	:G06F 3/00	(71)**Name of Applicant :**
(31) Priority Document No	:0410007.9	**1)MOTOROLA,INC.**
(32) Priority Date	:05/05/2004	Address of Applicant :1303 EAST ALGONQUIN ROAD SCHAUMBURG,ILLINOIS 60196 U.S.A U.S.A.
(33) Name of priority country	:U.K.	(72)**Name of Inventor :**
(86) International Application No Filing Date	:PCT/US2005/05140 :29/04/2005	**1)MOLKDAR DAVOOD** **2)THOMAS HOWARD**
(87) International Publication No	:WO 2005/109910	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

No of Pages : 32 No of Claims : 24

(57) Abstract :
A base station (101) may transmit using different modulation schemes. The transmit power of a pilot signal used for cell selection varies depending on the modulation schemes currently used, for example due to varying power amplifier back-up requirements. The base station (101) comprises a modulation scheme processor (113) determining a modulation scheme distribution for a plurality of communication channels of the cell. The modulation scheme distribution reflects the current modulation scheme utilisation for the pilot signal and is indicative of the power variation of the pilot signal. A cell selection processor (115) modifies a cell selection criterion in response to the modulation scheme distribution. In particular, the cell selection processor (115) determines a cell selection power offset to be applied to measurements of the signal levels of the pilot signal. The cell selection power offset preferably corresponds to the average power variation resulting from the current modulation scheme utilisation thereby allowing this to be compensated.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2348/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MECHANICAL PENCIL COMPRISING A RETRACTABLE LEAD GUIDE.

(51) International classification :B43K21/027
(31) Priority Document No :04 01844
(32) Priority Date :24/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR05/00412
Filing Date :22/02/2005
(87) International Publication No :WO 2005/090093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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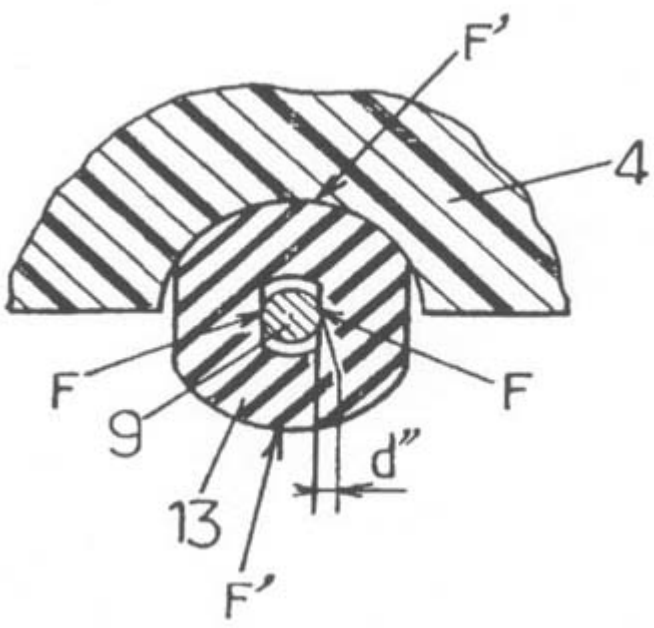
2)DUCHESNE FREDERIC
3)BOUVERESSE JEANNE-ANTIDE

No of Pages : 14
No of Claims : 10

(57) Abstract :
The invention relates to a mechanical pencil comprising a tip (4) into which a lead guide (5) can be retracted. The lead guide comprises a conduit (6) through which a lead (9) can pass and be guided in translation. A deformable lead brake (13) is equipped with (i) at least one lead/lead brake friction area which limits the movement of the lead (9) in the lead guide (5) and (ii) at least one tip/lead brake friction area which limits the movement of the lead guide (5) in the tip (4). Each lead/lead brake friction area is offset angularly around an axis X in relation to each tip/lead brake friction area.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2349/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : "MEHANISM FOR WRITING INSTRUMENT AND WRITING INSTRUMENT COMPRISING SAME.

(51) International classification :B43K 24/06
(31) Priority Document No :0401842
(32) Priority Date :24/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000411
Filing Date :22/02/2005
(87) International Publication No :WO 2005/092637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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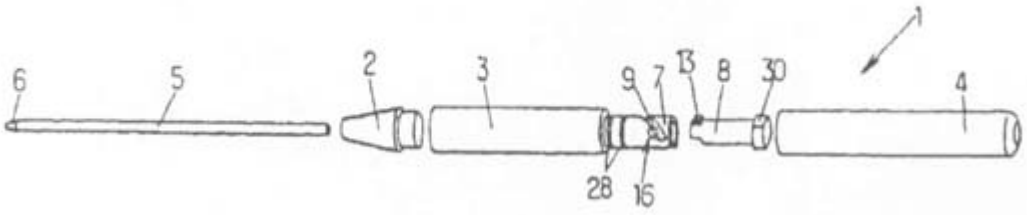
3)WLODARCZYK ANTHONY M.

No of Pages : 13
No of Claims : 11

(57) Abstract :
The invention concerns a mechanism for writing instrument comprising: a first component (7) including a guide (9) extending between first and second parallel edges; a second component (including a pin (13) extending into the guide and mobile along said guide, the pin having a given width along the transverse direction of the guide; and a device (16) for locking the pin. The locking device comprises a recess extending into a first edge between two end, and an elastic member which extends opposite the recess from at least a first base integral with the first end of the recess to a summit arranged in the guide spaced apart from the second edge which is shorter than the width of the pin, the elastic member being capable of being thrust back towards the recess when the pin passes through. The invention also concerns a writing instrument comprising said mechanism.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2350/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ELECTRICAL POSITIVE YARN FEEDING DEVICE.

(51) International classification	:D04B15/48
(31) Priority Document No	:102004009057.2
(32) Priority Date	:23/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000736
Filing Date	:26/01/2005
(87) International Publication No	:WO2005/080654 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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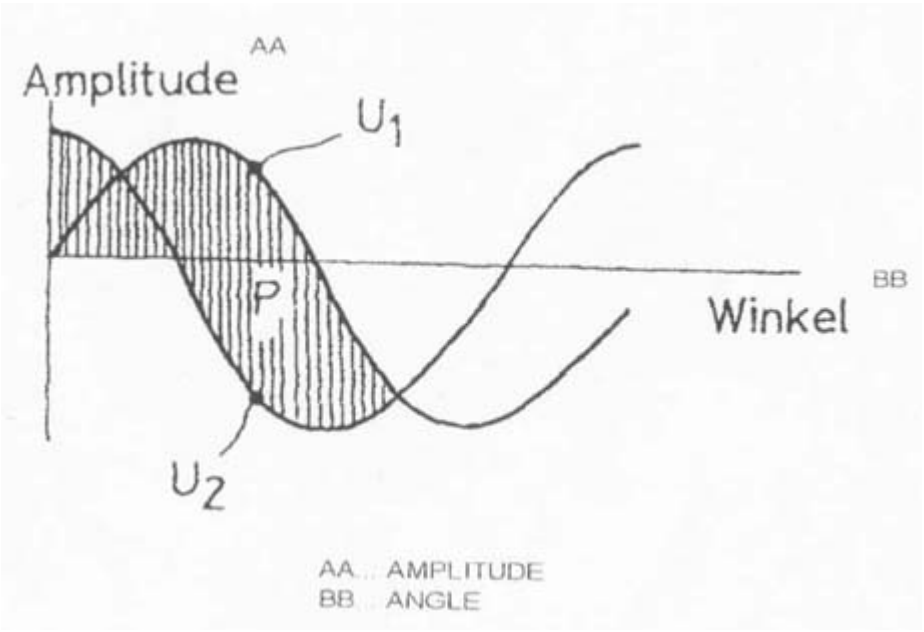
1)HUSS,ROLF,
2)DINKELMANN,FRIEDRICH
3)WEBER,FRIEDRICH

No of Pages : 21
No of Claims : 18

(57) Abstract :
The invention relates to a thread feeding device which is provided with a motor-driven feedwheel, whereby the rotational position of the feedwheel is detected by a high precision angle transmitter. Said angle transmitter has a resolution that is greater than the diameter of the feedwheel measured in millimeters. Preferably, resolution is greater than the five times (preferably 5.24 times) the value of the diameter of the feedwheel. The thread is preferably wound around the feedwheel in a plurality of windings (three to twenty).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2351/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRINTING CYLINDER STRUCTURE OF WEB PRESS.

(51) International classification :B41F 13/08
(31) Priority Document No :2004-031222
(32) Priority Date :06/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/001353
Filing Date :31/01/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TADA, MIKIO
2)SHIMOKAWA, KAZUHIRO

No of Pages : 16
No of Claims : 10

(57) Abstract :
Disclosed is a printing cylinder structure for a rotary press, which is capable of suppressing occurrence of web vibration and lowering of web tension due to a gap to prevent gap-related printing troubles, and free from complexity in an operation of attaching and detaching blankets. A blanket cylinder 2 is designed to allow two blankets 7 to be wound thereon in side-by-side relation to each other along an axial direction of the blanket cylinder 2, and have two gaps 2a, 2b formed in an outer peripheral surface thereof and each adapted to engagingly lock opposite ends of a corresponding one of the blankets 7. The gaps 2a, 2b are arranged, respectively, at positions displaced relative to each other in a circumferential direction of the blanket cylinder 2 by a phase angle of 180Â°. The blanket cylinder 2 further has two raised portions 2c, 2d each formed on the outer peripheral surface thereof to extend along the axial direction of the blanket cylinder 2 and lie on an extension line of a corresponding one of the gaps 2a, 2b. A plate cylinder 1 is rotated during printing in such a manner as to climb over the respective raised portions 2c, 2d. This makes it possible to prevent the plate cylinder 1 from falling into the gaps 2a, 2b.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2352/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HYDRAULIC DEVICE WHICH IS USED TO DESCALE WARM ROLLING PRODUCTS.

(51) International classification :B21B 45/08
(31) Priority Document No :NA
(32) Priority Date :27/02/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2004/001968
Filing Date :27/02/2004
(87) International Publication No :WO 2005/082555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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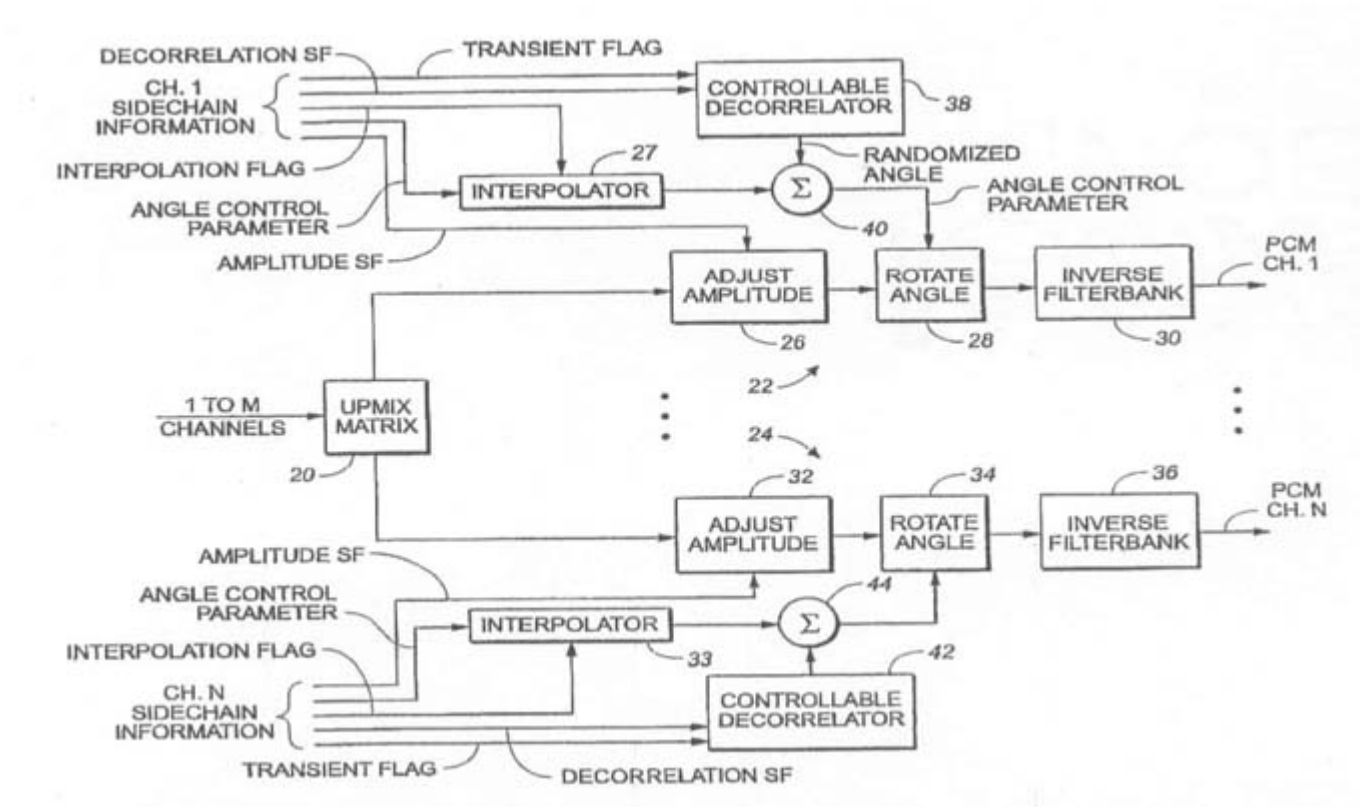
(72)**Name of Inventor :**
1)GAYDOUL,JURGEN

No of Pages : 9
No of Claims : 8

(57) Abstract :
The invention relates to a device which is used to descale warm rolling products (17) which can be displaced in relation to the device by high pressure water projection. Said device comprises at least one row of nozzle heads which cover the width of the rolling products, said row of nozzle heads comprising several nozzle heads (20). Each nozzle head is driven in a rotational manner by a motor about a rotational axis (A) which is essentially perpendicular to the surface to the rolling products and comprises at least two nozzles (1 8) which are disposed in an eccentric manner in relation to the rotational axis. The invention is characterised in that the nozzles (1 -8) of each nozzle head (20) are arranged as close as constructively possible on the periphery (25) of the nozzle head in such a manner that the nozzle head produces an injection image on the surface of the rolling product, said injection image at least touching the injection image of the nozzle head which is next in the row of nozzle heads.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2353/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVICE FOR TRANSPORTATION OF FLAT OBJECTS.

(51) International classification :B65G15/44
(31) Priority Document No :102004012755.7
(32) Priority Date :15/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002602
Filing Date :10/03/2005
(87) International Publication No :WO 2005/092747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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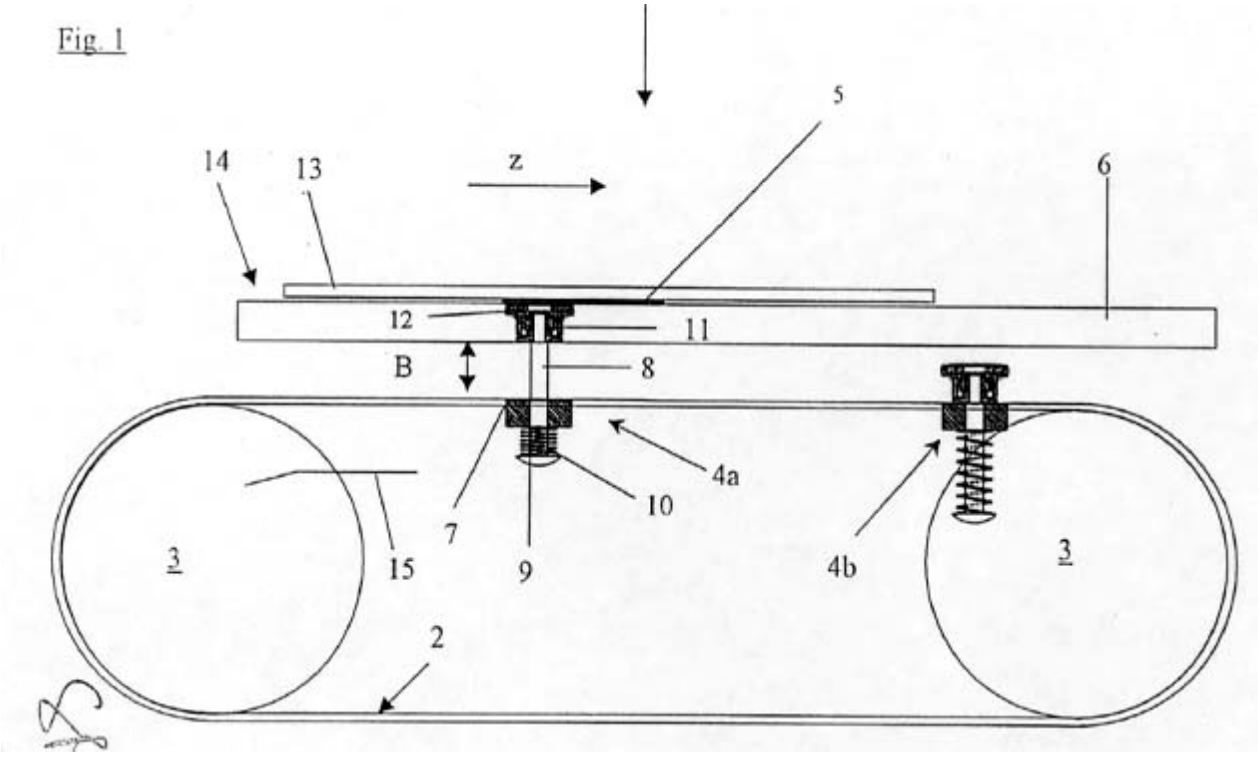
3)CHRISTIAN HAGER
4)CARSTEN TAUCH
5)FRANZ-JOSEF DIECKMANN
6)KLAUS ULLMANN

No of Pages : 14
No of Claims : 22

(57) Abstract :
The invention pertains to a device (1) for transporting flat object (5), mainly hose pieces or sacks, which (1) includes at least one conveying agent (2) that (2) conveys the flat objects (5) in a transporting directing (z). The device (1) has at least one counterpoint (13) to the conveying agent (2), whereby the at least one counterpoint (13) is arranged in such a way that a clamping force acts between the conveying agent (2) and its (2) counterpoint (13), which holds the flat objects (5) in effective contact with the at least one conveying agent (2), at lest during a part of its (5) transportation in the device (1). New and inventive is the fact, that the at last one conveying agent (2) has at least two staggered carrier elements (4) that can be moved in transportation direction (z) and in transport direction (z) against one another, for providing at least a part of the clamping force on the flat object(5). (Fig. 1)

Fig. 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2354/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHOD FOR LASER MACHINING AND LASER DEVICE WITH LASER POWER CONTROLLED AS A FUNCTION OF THE LASER MOTION

(51) International classification	:B23K26/04,B23K 26/10
(31) Priority Document No	:102004011769.1
(32) Priority Date	:09/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/002438
Filing Date	:08/03/2005
(87) International Publication No	:WO 2005/087427
(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)RIPPL,PETER
2)HESSE,JOHANN
3)ENGLHARD,ANTON

No of Pages : 25
No of Claims : 16

(57) Abstract :
The invention relates to a method and to a device (1) for laser machining vehicle bodies or body parts (2). A laser beam (14) is guided from a laser source (13) to a remote laser tool (15) on a robot hand by means of a guiding device (16). The robot (4) maintains the laser tool (15) in a suspended manner over the tool (2), at a focal length (F) and at a contact free distance and guides it along a machining path (30). The laser beam (14) is deviated, by movement of the hand axis (IV, V, VI), about a variable deviation angle (a), and the laser source (13), whose power is variable, is controlled according to the movement of the laser beam. The beam deviation of the hand axis (IV, V, VI) can be superimposed on an offset movement of the robot (4).

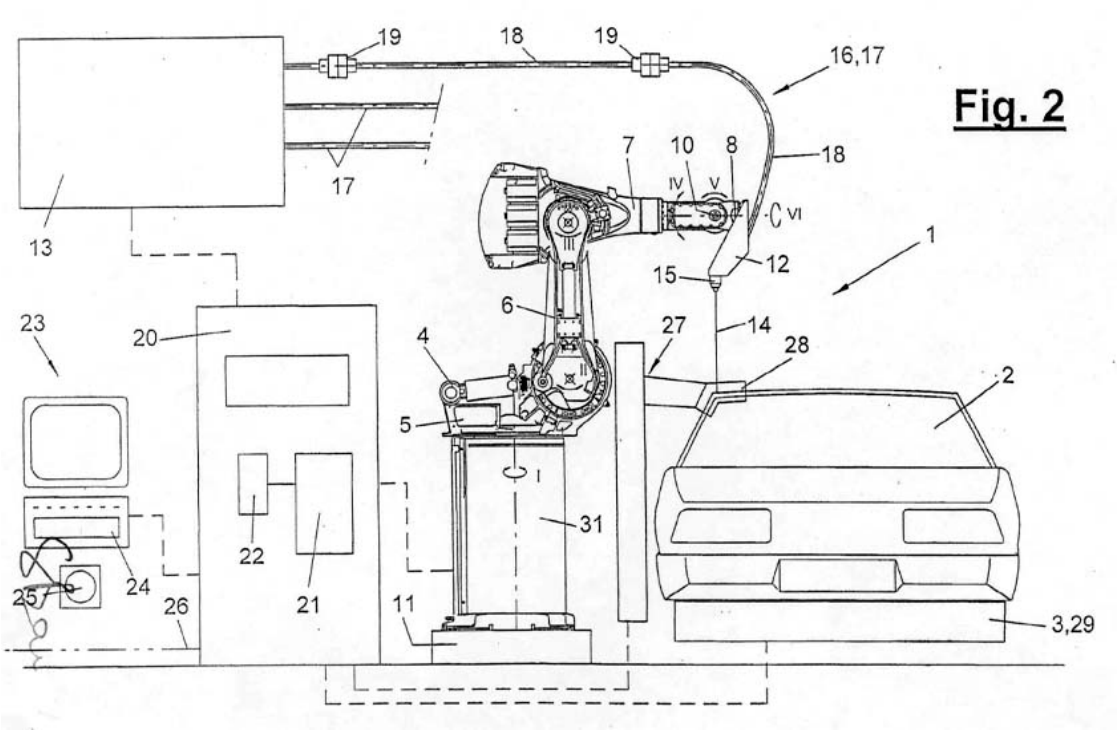

Fig. 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2355/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : FIELD EFFECT TRANSISTOR FOR MEASURING OF BIOLOGICAL COMPONENTS.

(51) International classification	:G01N27/414	(71)**Name of Applicant :**
(31) Priority Document No	:102004010635.5	**1)MICRONAS GMBH**
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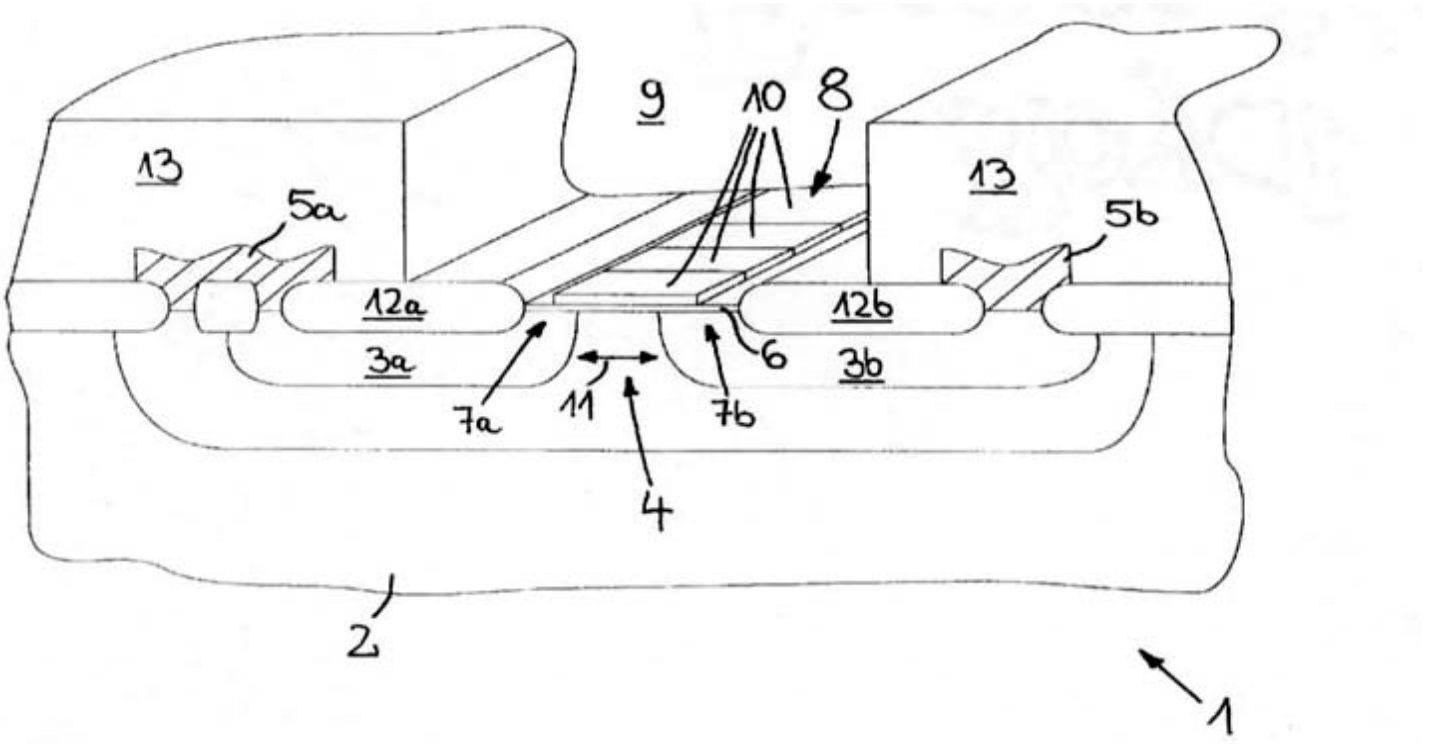
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2005/002128	(72)**Name of Inventor :**
Filing Date	:01/03/2005	**1)BAUMANN,WERNER**
(87) International Publication No	:WO 2005/085829	**2)LEHMANN,MIRKO**
(61) Patent of Addition to Application Number	:NA	**3)FREUND,INGO**
Filing Date	:NA	**4)GAHLE,HANS-JURGEN**
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10
No of Claims : 11

(57) Abstract :
The invention relates to a device for measuring living cells or similar biocomponents comprising a field effect transistor (1) which is provided with a source, a drain and a channel area (4) placed on a substrate. Said channel area (4) connects said source and drain and is provided with a gate-electrode (8) mounted thereon. The gate electrode (8) has at least two laterally disposed parallel electrode areas (10) which are perpendicular to a direction in which the channel area (4) connects the source (3a) to the drain (3b) in such a way that they are distant and electrically insulated from each other.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2356/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : "METHODS AND DEVICES FOR UTILIZING FLOWING POWER."

(51) International classification :F03D 3/00
(31) Priority Document No :60/538,318
(32) Priority Date :21/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001565
Filing Date :21/01/2005
(87) International Publication No :WO 2005/072184
(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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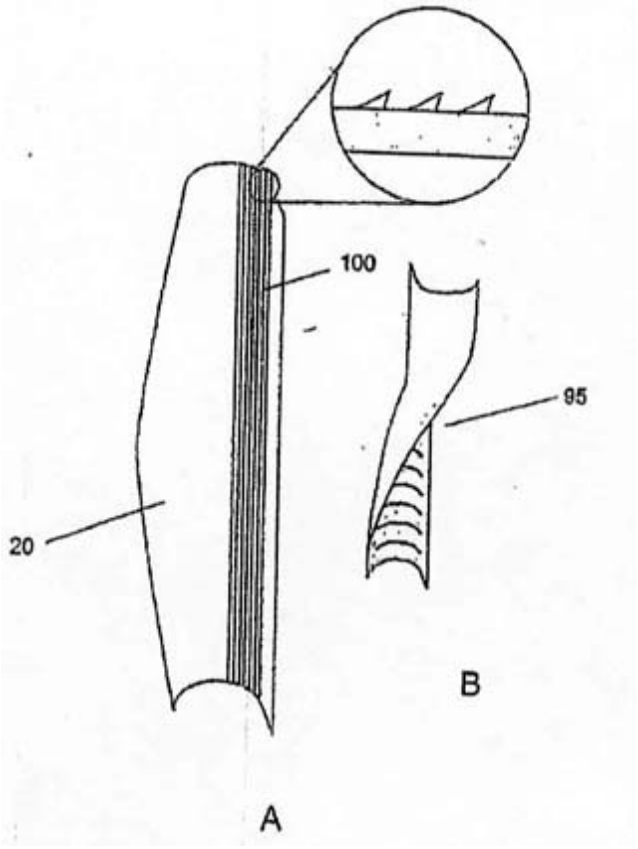
No of Pages : 20
No of Claims : 28

(57) Abstract :
A method and apparatus related to the utilization of flowing medium is provided including a turbine biade comprising at least one protrusion along at least a portion of a surface of said biade and a twisted portion.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2357/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
(31) Priority Document No :10200415397.3
(32) Priority Date :26/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003007
Filing Date :22/03/2005
(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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2)GROTE THOMAS
3)SCHERER MARIA
4)STIERL REINHARD
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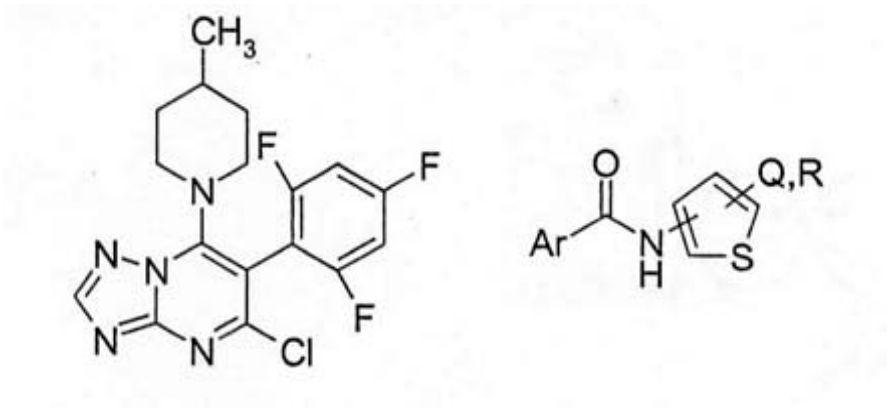
6)SCHOEFL ULRICH
7)GEWEHR MARKUS

No of Pages : 18
No of Claims : 11

(57) Abstract :
1) the triazolopyrimidine derivative of the formula I Ar is phenyl or a five- or six-membered aromatic heterocycle which contains one to four heteroatoms selected from the group consisting of O, N and S, where the cycles are unsubstituted or may be substituted by one to three groups R1: R1 is halogen, alkyl or haloalkyl; R is phenyl, alkyl, haloalkyl, alkoxy, haloalkoxy; Q is hydrogen, alkyl, haloalkyl, alkoxy, haloalkoxy; in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2358/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
(31) Priority Document No :102004014286.6
(32) Priority Date :22/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/002846
Filing Date :17/03/2006
(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

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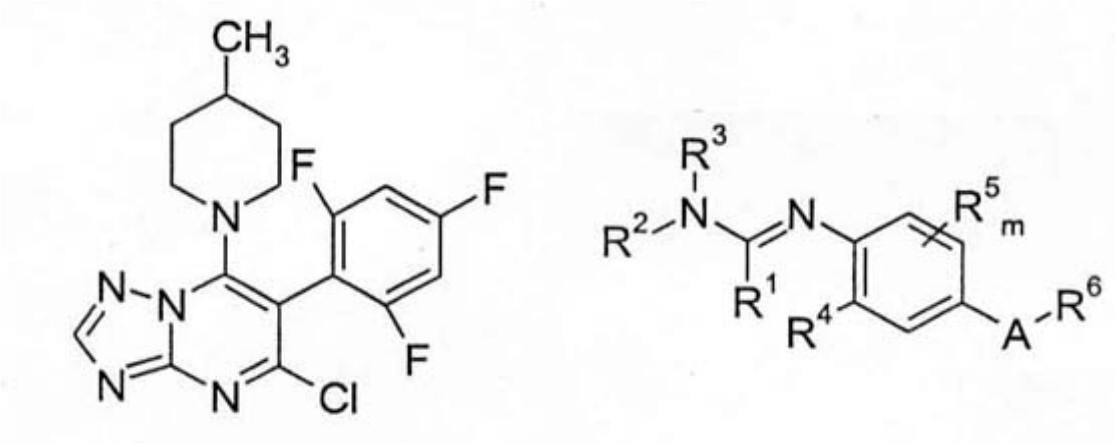
6)SCHOFL ULRICH
7)GEWEHR MARKUS

No of Pages : 19
No of Claims : 10

(57) Abstract :
The present invention relates to fungicidal mixtures comprising, as active components, the triazolopyrimidine derivative of the formula and a phenylamidine derivative of the formula in which the variables are as defined below,R1,R4,R5 are alkyl,alkenyl or alkynyl,R2,R3 are cyano,alkyl,alkenyl,alkynyl,alkoxy,alkoxyalkyl,benzyloxy or alkylcarbonyl,m is 0 or 1,A is a direct bond,-o-,-s-,NRd,CHRe or -o-chrE, R6 Is phenyl or a five-or six-membered saturated,pattially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O,N and S;where the groups may be substituted according to the description;in a synergistically effective amount,to methods for controlling harmful fungi using mixtures of the compound i with the compound ii and to the use of the compound i with the ompound ii for preparing such mixtures,and also to compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2360/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : CYCLOHEXANE OXIDATION REACTOR.

(51) International classification :B01F 3/04
(31) Priority Document No :P.365299
(32) Priority Date :17/02/2004
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2005/000009
Filing Date :07/02/2005
(87) International Publication No :WO 2005/077526
(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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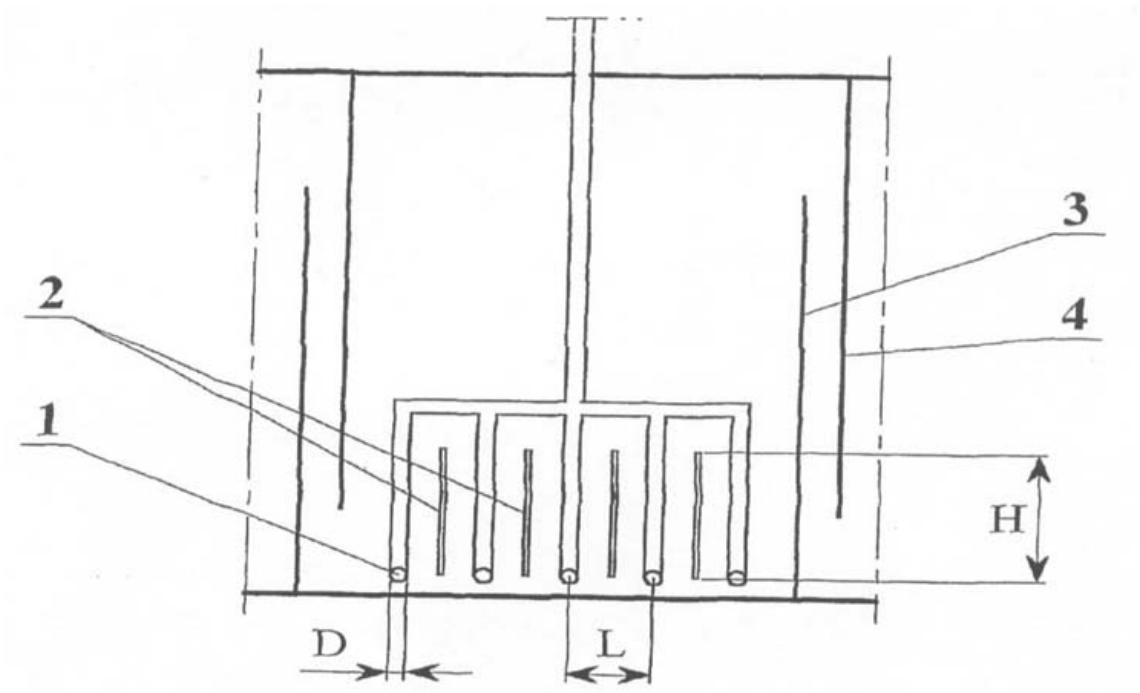
2)RYGIEL STANISLAW
3)WAIS JAN
4)KOZIOL ANDRZEJ
5)GRUSZKA MATEUSZ
6)KONDRAT ALEKSANDRA
7)POHORECKI RYSZARD
8)WIERZCHOWSKI PIOTR
9)MONIUK WLADYSLAW
10)KRZYSZTOFORSKI ANDRZEJ
11)MIJAL ZBIGNIEW
12)WOJCIK ZBIGNIEW
13)ZYLINSKI MAREK

No of Pages : 13
No of Claims : 3

(57) Abstract :
In a cyclohexane oxidation reactor being a multi-sectional horizontal vessel having pipe distributors of gas consisting of drilled arc-shaped pipe elements (1) and single directional baffles (2) placed between those elements, the ratio of the distance (L) between the elements to the pipe diameter (D) is in the range from 2 to 4, the directional baffles (2) have the shape of a segment of a circle with vertically cut ends and their lower, semicircular edges are located in such a way that they fit to end view of the arc-shaped pipe element (1), and the ratio of the baffle (2) height (H) to the arrow (h) of the arc-shaped element (1) is in the range from 0.5 to 1.25.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006

(21) Application No.2361/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : "HEATER CYCLING FOR IMPROVED OIL RETURN"

(51) International classification :F25B 29/00
(31) Priority Document No :10/768,781
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001552
Filing Date :18/01/2005
(87) International Publication No :WO 2005/074485
(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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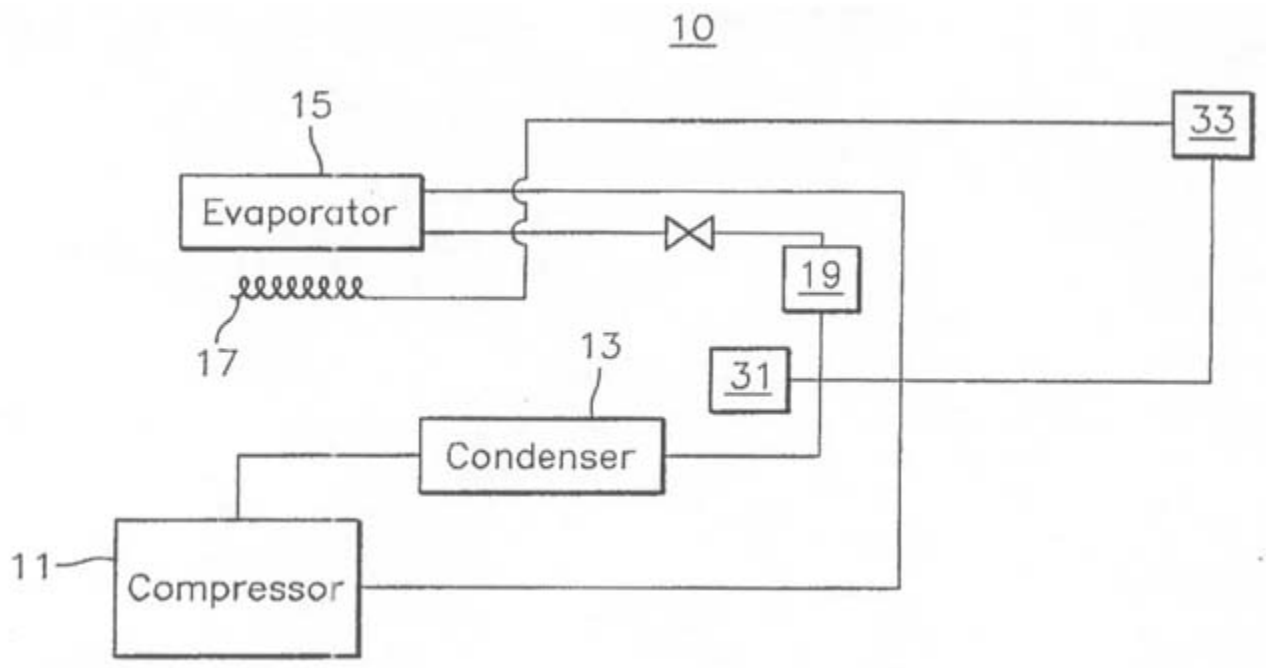
No of Pages : 9
No of Claims : 14

(57) Abstract :
A method comprises the steps of (a) providing a refrigeration unit having a refrigerated or heated space and at least one measured operating parameter, (b) providing heat to the refrigerated space when the at least one measured operating parameter exceeds a first threshold, (c) terminating provision of heat when the at least one measured operating parameter exceeds a second threshold, and repeating steps b-c when the at least one operating parameter falls below the first threshold- In using this method, the unit can be operated continuously, with substantially higher refrigerant mass flow and evaporator pressure then in the prior art. Higher refrigerant mass flow rate and higher evaporator pressure improve oil return to the compressor, thus reducing the like hood of compressor damage due to oil pump out



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2362/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : MULTICHANNEL AUDIO CODING.

(51) International classification :G10L19/00
(31) Priority Document No :60/549,368
(32) Priority Date :01/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006359
Filing Date :28/02/2005
(87) International Publication No :WO 2005/086139
(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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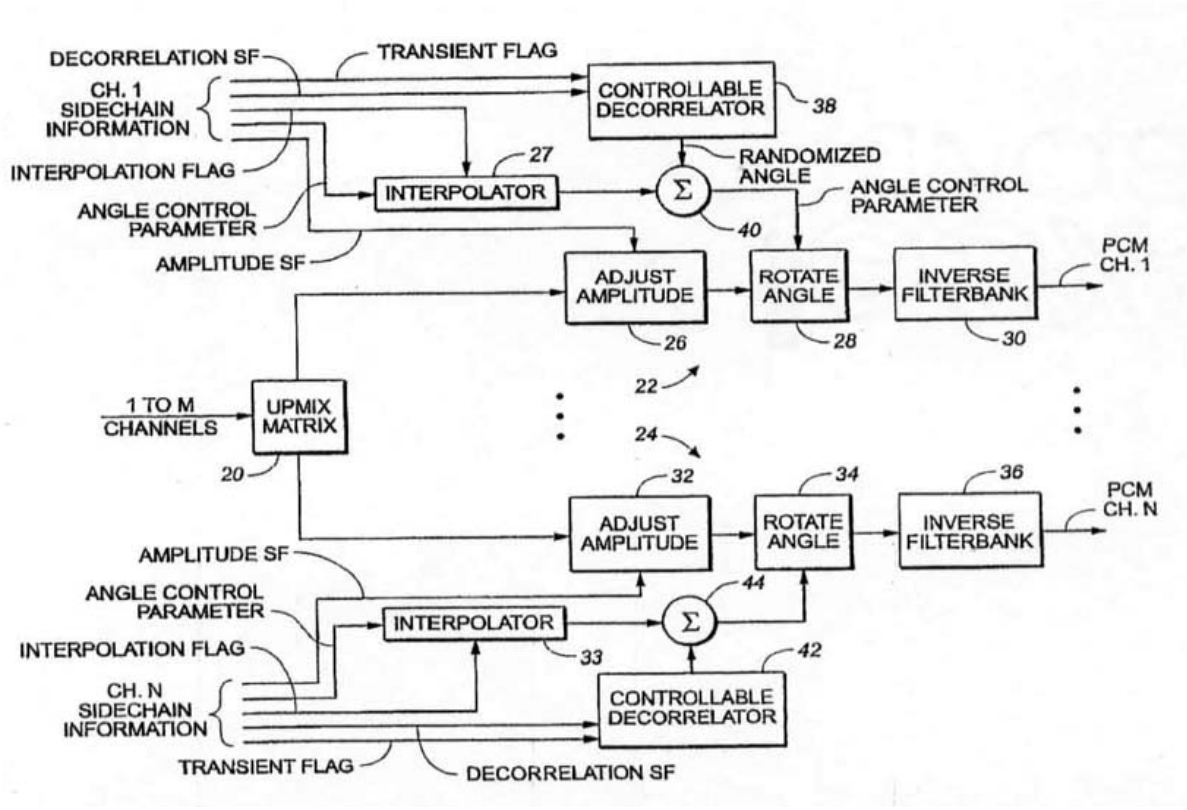
(72)**Name of Inventor :**
1)DAVIS,MARK,FRANKLIN

No of Pages : 79
No of Claims : 62

(57) Abstract :
Multiple channels of audio are combined either to a monophonic composite signal or to multiple channels of audio along with related auxiliary information from which multiple channels of audio are reconstructed, including improved downmixing of multiple audio channels to a monophonic audio signal or to multiple audio channels and improved decorrelation of multiple audio channels derived from a monophonic audio channel or from multiple audio channels. Aspects of the disclosed invention are usable in audio encoders, decoders, encode/decode systems, downmixers, upmixers, and decorrelators.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2363/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHODS AND COMPOSITIONS FOR MODULATING ANGIOGENESIS.

(51) International classification :A61K 38/00, A61K 39/395
(31) Priority Document No :60/541,849
(32) Priority Date :03/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003521
Filing Date :02/02/2005
(87) International Publication No :WO 2005/074645
(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)SUMMERS BRETTON
4)WANG YU
5)HOWARD MAUREEN
6)SCHALL THOMAS
7)MIAO ZHENHUA

No of Pages : 100
No of Claims : 36

(57) Abstract :
The present invention provides method and compositions for modulating angiogenesis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2364/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : "AMINES AND AMIDES FOR THE TREATMENT OF DISEASES."

(51) International classification :A61K 31/135
(31) Priority Document No :60/547,997
(32) Priority Date :25/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005901
Filing Date :25/02/2005
(87) International Publication No :WO 2005/082343
(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)LA JOLLA PHARMACEUTICAL COMPANY
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(72)**Name of Inventor :**
1)WANG, ERIC Y.
2)SLATER-CID, LUISA MARIA
3)MACDONALD, MARY, T.
4)ZHAO, JINGJING

No of Pages : 157
No of Claims : 49

(57) Abstract :
Compositions and methods are disclosed for inhibiting semicarbazide-sensitive amine oxidase (SSAO), also known as vascular adhesion protein-1 (VAP-1). The compounds disclosed are amine-containing and amide-containing compounds. The compounds and compositions are useful for treatment of diseases, including inflammation, inflammatory diseases and autoimmune disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2365/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : TERNARY FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
(31) Priority Document No :102004016084.8
(32) Priority Date :30/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003213
Filing Date :26/03/2005
(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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2)GROTE,THOMAS
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4)STIERL,REINHARD
5)STRATHMANN,SIEGFRIED
6)SCHOFL,ULRICH

No of Pages : 26
No of Claims : 12

(57) Abstract :
Ternary fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula l, 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and 2) a strobilurin derivative II, selected from among the compounds pyraclostrobin and orysastrobin and 3) a fungicidally active compound III selected from the group consisting of acylalanines, amine derivatives, anilinopyrimidines, antibiotics, azoles, dicarboximides, dithiocarbamates, copper fungicides, nitrophenyl derivatives, phenylpyrroles, sulfenic acid derivatives, cinnamides and analogs and anilazine, benomyl, boscalid, carbendazim, carboxin, oxycarboxin, cyazofamidj dazomet, dithianon, famoxadone, fenamidone, fenarimol, fuberidazole, flutolanil, furametpyr, isoprothiolane, mepronil, nuarimol, picobenzamid, probenazole, proquinazid, pyrifenox, pyroquilon, quinqxyfen, silthiofam, thiabendazole, thifluzamide, thiophanate-methyl, tiadinil; tricyclazole, triforine, sulfur, acibenzolar-S-methyl, benthiavalicarb, carpropamid, chlorothalonil, cyflufenamid, cymoxanil, dazorhet, diclomezin, diclbcymet, diethofencarb, edifenphos, ethaboxam, fenhexamid, fentin acetate, fenoxanil, ferimzone, fluazinam, phosphorous acid, fosetyl, fosetyl-aluminum, iprovalicarb, hexachlorobenzene, metrafenon, pencycuron, propamocarb, phth'alide, toloclofos-methyl, quintozene and zoxamide; in a synergistically effective amount, methods for controlling phytopathogenic harmful fungi using mixtures of the compounds 1 and II and III with a fungicidally active compound III and the use of the compounds 1 and II with III for preparing such mixtures, and also compositions comprising these mixtures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2366/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : SYSTEM FOR STABILIZATION OF FRACTURES OF CONVEX ARTICULAR BONE SURFACES INCLUDING SUBCHONDRAL SUPPORT STRUCTURE.

(51) International classification	:A61B17/58; A61B17/80
(31) Priority Document No	:60/538,589
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002074
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/072284
(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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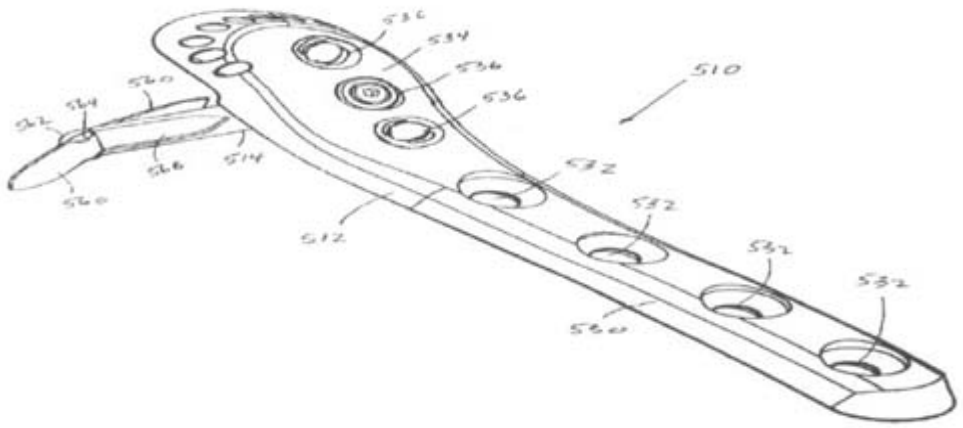
1)JORGE L.ORBAY
2)JAVIER E.CASTANEDA
3)CRSARE CAVALLAZZI

No of Pages : 21
No of Claims : 29

(57) Abstract :
A fracture fixation system is provided for a fracture of a head portion of a long bone which has subchondral bone defining a convex articular surface, and particularly the proximal humerus. The system includes a plate clement positionable on the long bone substantially opposite the head portion of the long bone and on a first side of the fracture, and a post element extending from the platc and into the head portion and across the fracture.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2367/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : WETTABLE HYDROGELS COMPRISING ACYCLIC POLYAMIDES.

(51) International classification :A61L 27/18
(31) Priority Document No :60/550,723
(32) Priority Date :05/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006640
Filing Date :25/01/2005
(87) International Publication No :WO 2005/092987
(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 & JOHNSON VISION CARE , INC
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2)SHIVKUMAR MAHADEVAN
3)FRANK F. MOLOCK
4)AZZAM ALLI
5)DAVID TURNER
6)DOUGLAS G. VANDERLAAN
7)KEVIN P. McCABE

No of Pages : 47
No of Claims : 49

(57) Abstract :
The present invention relates to biomedical devices, and particularly contact lenses comprising a polymer having entangled therein at least one acyclic polyamide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006

(21) Application No.2368/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHOD FOR DETERMINING MOBILE TERMINAL PERFORMANCE IN A RUNNING WIRELESS NETWORK.

(51) International classification	:H04L12/56 ,H04Q7/34
(31) Priority Document No	:NA
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/EP2004/000898
Filing Date	:30/01/2004
(87) International Publication No	:WO 2005/076644
(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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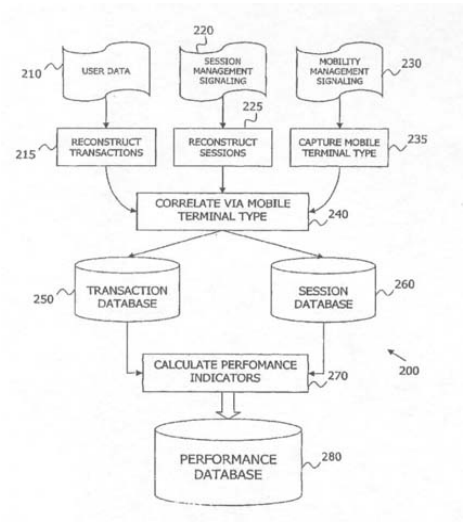
2)SZABO ISTVAN
3) BORSOS TAMAS

No of Pages : 28
No of Claims : 24

(57) Abstract :
A technique for determining the performance of a mobile terminal within a communications network is disclosed The technique receives messages associated with one or more user transactions and messages associated with mobile terminal type information The data within the received user transaction messages is then correlated with data associated with the mobile terminal type information messages Various performance indicators may then be derived by mobile terminal type information from the correlated data The invention may be practiced in context with the benchmarking of mobile terminal types on an application level



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006

(21) Application No.2369/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : LADDER STABILISER.

(51) International classification :E06C7/44
(31) Priority Document No :2004900964
(32) Priority Date :26/02/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000275
Filing Date :28/02/2005
(87) International Publication No :WO 2005/083223
(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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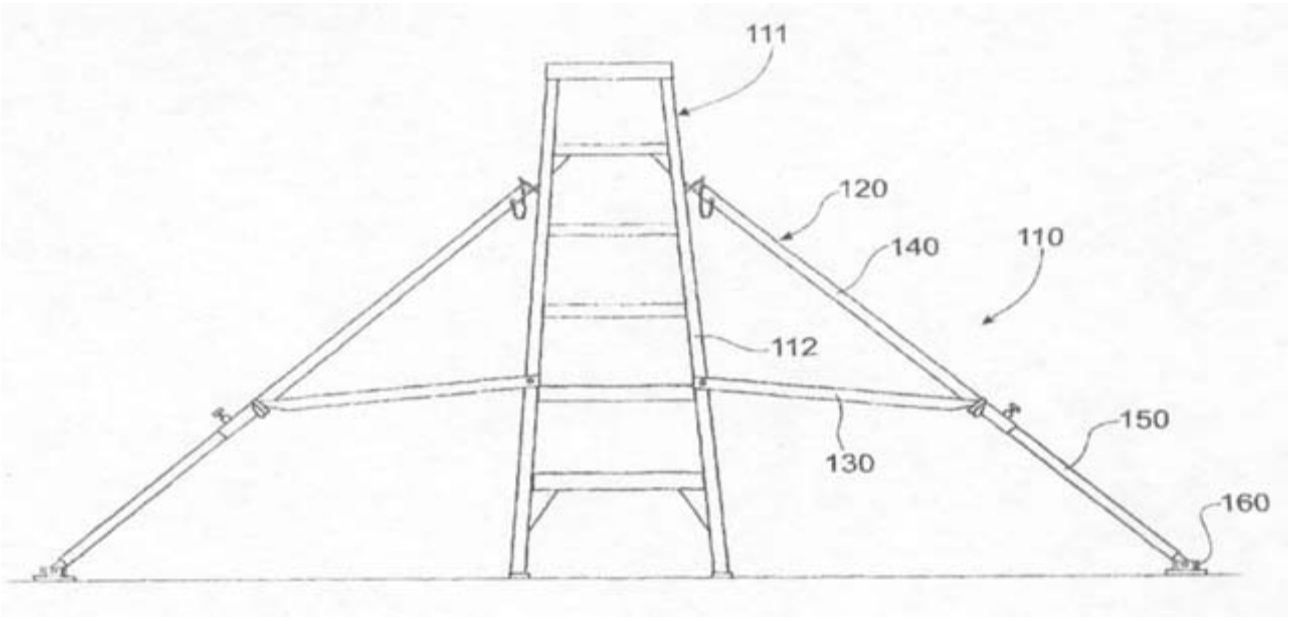
(72)**Name of Inventor :**
1)STEWART, MELVIN MACKENZIE

No of Pages : 20
No of Claims : 12

(57) Abstract :
A ladder stabiliser (110) for stabilizing a ladder (111) comprising an arm member (120) attachable to the ladder, the arm member including a body (140), a leg (150) and a foot (160); said leg being movable telescopically with respect to the body; said foot being attached adjacent to an end of the leg; and movable with respect to the leg; and a brace (130) attached to the arm member and attachable to the ladder; wherein a pivot is attached to the end of the arm member to pivotally mount the ladder stabiliser to a ladder.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2370/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : COMMUNICATION HANDOVER METHOD, COMMUNICATION MESSAGE PROCESSING METHOD, AND PROGRAM FOR EXECUTING THESE METHODS BY USE OF COMPUTER

(51) International classification :H04L12/56
(31) Priority Document No :2004-031428
(32) Priority Date :06/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/001691
Filing Date :04/02/2005
(87) International Publication No :WO 2005/076548
(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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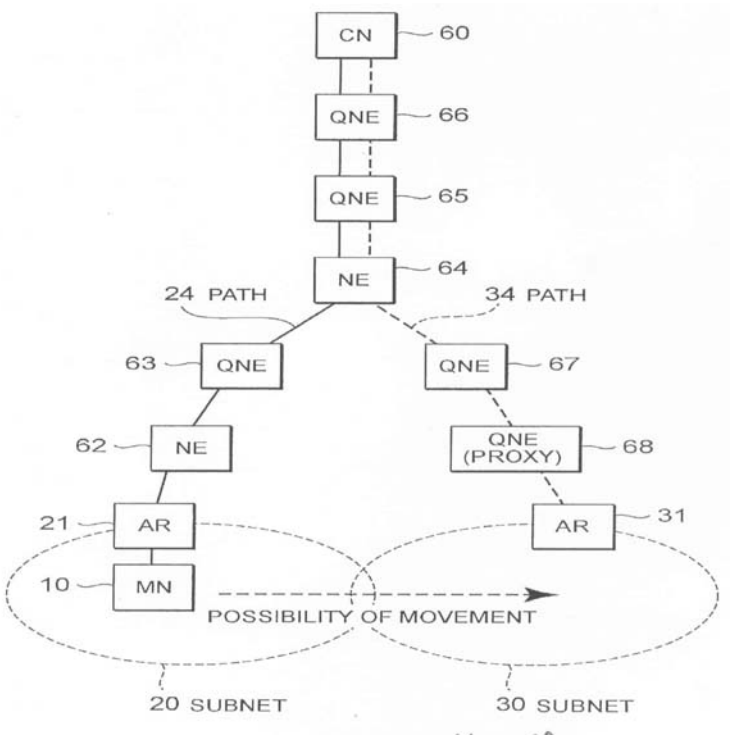
(72)**Name of Inventor :**
1)TAKAKO HORI
2)TOYOKI UE
3)CHENG HONG

No of Pages : 133
No of Claims : 25

(57) Abstract :
Disclosed is a technique so arranged that, after handover, a mobile terminal can promptly and continuously accept an additional service (for example, QoS assurance), the mobile terminal has accepted before the handover. With this technique, when the mobile terminal (MN10) carries out the handover, the MN selects, as a proxy, a node (QNE (proxy) 68) having NSLP for QoS, which exist in the vicinity of an AR (access router) 31 pertaining to a subnet 30 which is a movement destination of the MN (near an AR in a network configuration), and transmits, to this proxy, a message including a flow identifier and a session identifier, which are related to a path 24 established with respect to a CN 60 before the handover. This proxy transmits a message including these flow identifier and session identifier to the CN for, on the basis of a response result to this message, establishing a new path 34 and finding a crossover node at which two paths start to intersect with each other.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006

(21) Application No.2371/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : DISPENSING OF A SUBSTANCE.

(51) International classification	:B65B 61/06,B65B69/00
(31) Priority Document No	:04075524.1
(32) Priority Date	:18/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP2005/001541 :11/02/2005
(87) International Publication No	:WO 2005/077811
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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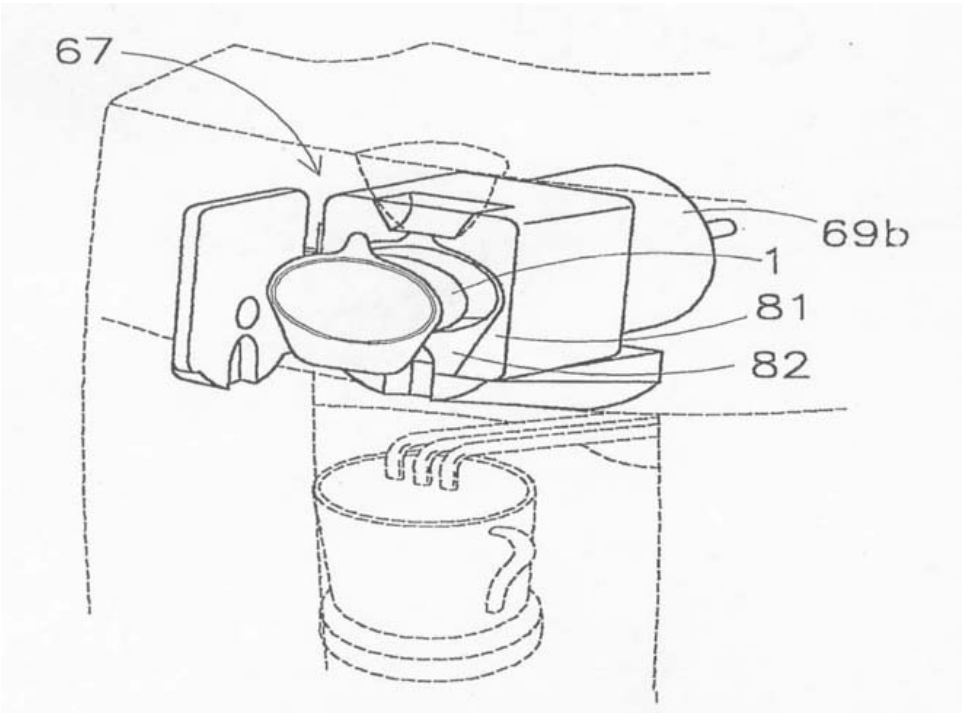
2)STERNGOLD, EDOUARD

No of Pages : 66
No of Claims : 70

(57) Abstract :
The invention proposes to dispense a substance from a container (1) filled with a single portion of a substance. The container comprises a preformed deformable body, preferably made of sheet material, defining a filling cavity which body has an opening (6) and an integral planar circumferential rim (5) surrounding said opening, which opening is closed by a cover sheet (7) which is sealed to the circumferential rim (5) by means of a circumferential sealing seam (10). The container with the substance is opened by making use of the deformability of the cover sheet (7). A support (7) surface supports the cover sheet except at the position of a recess (10b). The recess (10b)is positioned at least over a part of the circumferential sealing seam. Upon compression of the container body the substance is pressurized and the cover sheet (7) bulges out into the recess (10b) such that the sealing seam (10)is broken at the location where the bulge is formed resulting in the container being open.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2372/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : REAGENTS, KITS AND METHODS FOR IMMUNODETECTION OF EPITOPES ON MOLECULES

(51) International classification :NOT CLASSIFIED
(31) Priority Document No :60/546,225
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005444
Filing Date :18/02/2005
(87) International Publication No :WO 2005/081908
(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)CHENG,XIN

No of Pages : 48
No of Claims : 27

(57) Abstract :
Methods for detecting and/or quantifying molecules expressing a selected epitope in a sample are disclosed. Methods for profiling proteins in a cell lysate are also disclosed. Kits for detecting and/or quantifying molecules expressing a selected epitope in a sample and kits for profiling proteins in a cell lysate are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2373/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : IMPROVED MODALITIES FOR THE TREATMENT OF DEGENERATIVE DISEASES OF THE RETINA.

(51) International classification	:A01N63/00; A01N65/00; A61K48/00; A01N63/
(31) Priority Document No	:60/538,964
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002273
Filing Date	:24/01/2005
(87) International Publication No	:WO2005/070011 A3
(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 : 41
No of Claims : 18

(57) Abstract :
This invention relates to methods for improved cell-based therapies for retinal degeneration and for differentiating human embryonic stem cells and human embryo-derived into retinal pigment epithelium (RPE) cells and other retinal progenitor cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2374/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : ORGANIC / INORGANIC COMPOSITE POROUS LAYER-COATED ELECTRODE AND ELECTRO-CHEMICAL DEVICE COMPRISING THE SAME."

(51) International classification :H01M 2/16
(31) Priority Document No :10-2004-0008136
(32) Priority Date :07/02/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000358
Filing Date :05/02/2005
(87) International Publication No :WO 2005/076388
(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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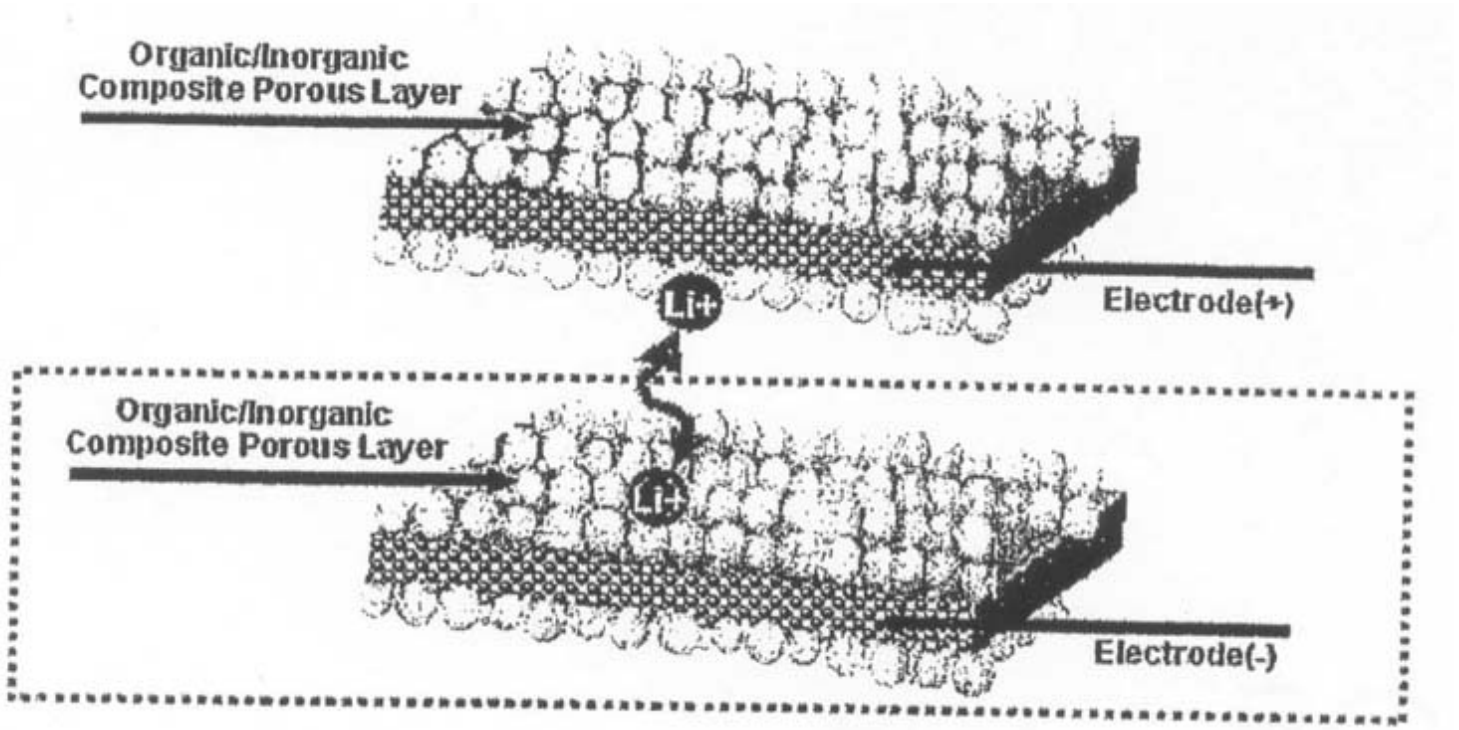
2)LEE SANG-YOUNG
3)KIM SEOK-KOO
4)AHN SOON-HO

No of Pages : 50
No of Claims : 24

(57) Abstract :
Disclosed is an electrode comprising a first organic/inorganic composite porous coating layer formed on its surface, wherein the first coating layer includes inorganic particles and a binder polymer for interconnecting and fixing the inorganic particles, and has micropores formed by interstitial volumes among the inorganic particles. An electrochemical device including the same electrode is also disclosed. Further, disclosed is a method for manufacturing an electrode having an organic/inorganic composite porous coating layer on the surface thereof, comprising the steps of: (a) coating a current collector with slurry containing an electrode active material and drying it to provide an electrode; and (b) coating the surface of electrode obtained from step (a) with a mixture of inorganic particles with a binder polymer. A lithium secondary battery including the electrode shows improved safety and minimized degradation in battery performance.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2375/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR OVERWRITING DATA IN WRITE-ONCE RECORDING MEDIUM.

(51) International classification	:G11B 20/18,G11B 7/00
(31) Priority Document No	:60/547,186
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2005/000480 :22/02/2005
(87) International Publication No	:WO 2005/079175
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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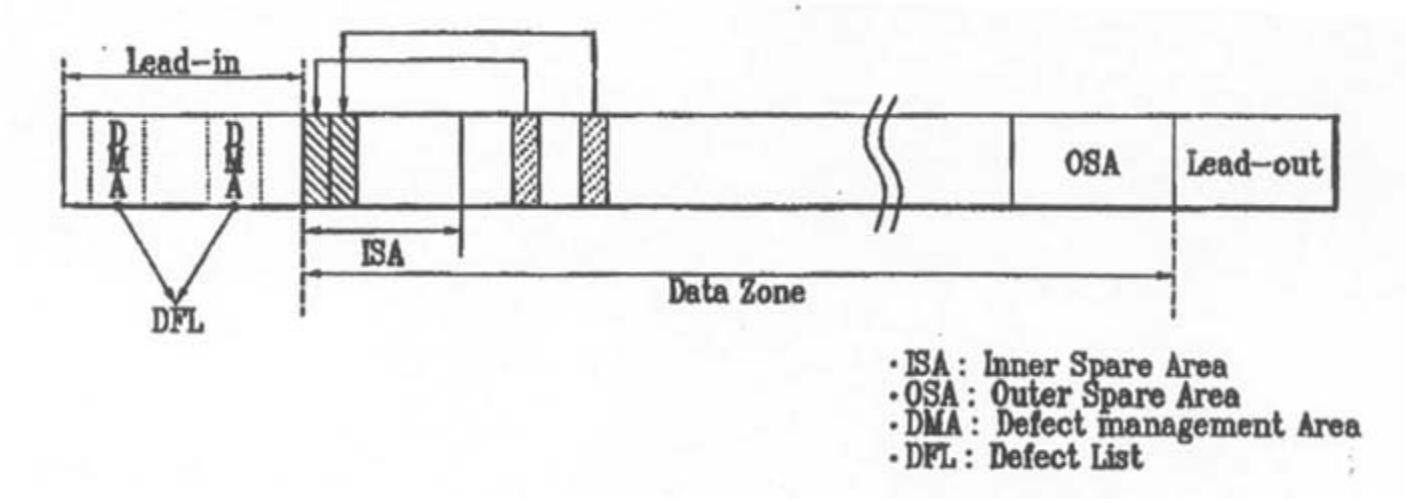
No of Pages : 38
No of Claims : 18

(57) Abstract :
A method and apparatus for overwriting data in a recording medium, such as a Blu-ray disc write-once (BD-WO), are disclosed. The method includes when receiving a plurality of data record commands for a previously recorded area within the recording medium, replacement recording the received data for each record command on a non-recorded area within the recording medium, and when the plurality of record commands occur in a continuous area within the recording medium, the data is recorded on a management area within the recording medium as a management information for the plurality of record commands.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006

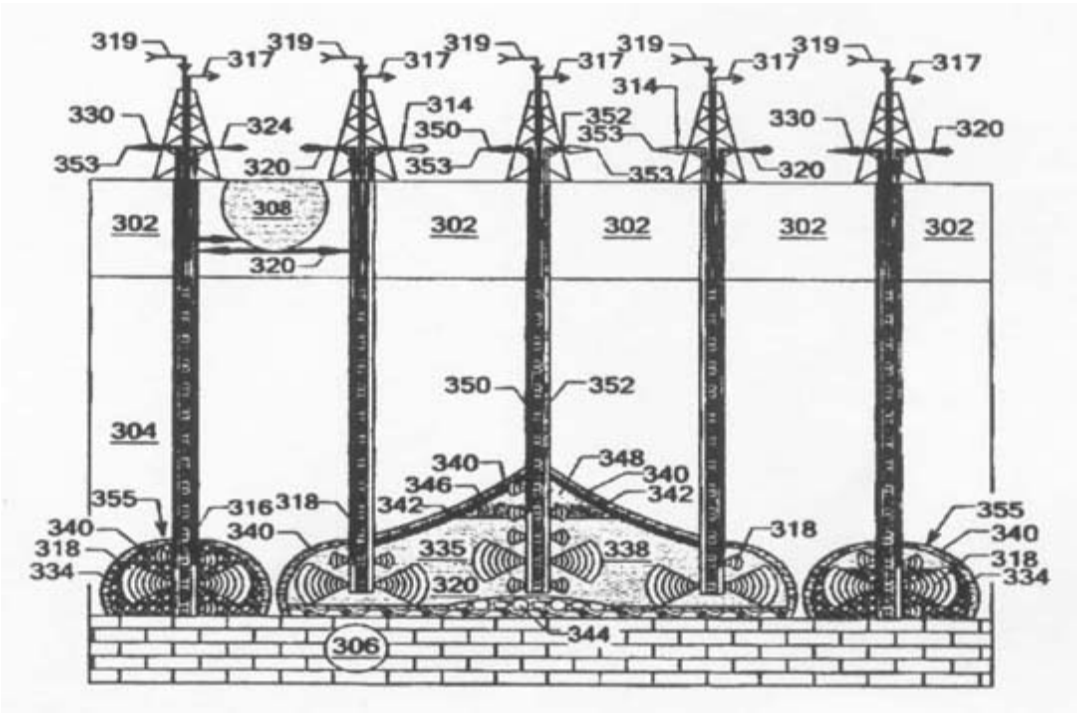
(21) Application No.2376/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : EXTRACTING AND PROCESSING HYDROCARBON-BEARING FORMATIONS

(51) International classification	:H05B 6/62	(71)**Name of Applicant :**
(31) Priority Document No	:10/801,458	**1)KINZER DWIGHT ERIC**
(32) Priority Date	:15/03/2004	Address of Applicant :413 29TH AVE NORTH,FARGO,ND 58102 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/006137	(72)**Name of Inventor :**
Filing Date	:24/02/2005	**1)KINZER DWIGHT ERIC**
(87) International Publication No	:WO2005/091883 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 87
No of Claims : 71

(57) Abstract :
A hydrocarbon bearing formation (304) which is heated using a variable frequency automated capacitive radio frequency dielectric heating (334) in situ process. Hydrocarbons or other substances natural to a hydrocarbonaceous formation may be produced by heating specific chemical compositions with or without the use of a carrier medium (320). Separation of desired hydrocarbons from less sought-after constituents can occur in carrier medium (320) subterranean reservoir. Hydrocarbon media can be slurry heated using a variable frequency automated capacive radio frequency dielectric heating method.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2377/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : COMBINATION OF A NMDA RECEPTOR ANTAGONIST AND AN ANTI-DEPRESSIVE DRUG MAO-INHIBITOR OR A GADPH-INHIBITOR FOR THE TREATMENT OF PSYCHIATRIC CONDITIONS

(51) International classification	:A61K 31/135, A61K 31/137 , A61K 31/357
(31) Priority Document No	:60/544,838
(32) Priority Date	:13/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/004917 :14/02/2005
(87) International Publication No	:WO 2005/079756
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)WENT,GREGORY,T.
2)FULTZ,TIMOTHY,J
3)MEYERSON,LAWRENCE

No of Pages : 38
No of Claims : 16

(57) Abstract :
This invention relates to methods and compositions comprising a NMDA receptor antagonist and an anti-depressive drug for treating psychiatric conditions, such as depression.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2378/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : "COMBINATION OF AN NMDA RECEPTOR ANTAGONIST AND AN ANTIEPILEPTIC DRUG FOR THE TREATMENT OF EPILEPSY AND OTHER CNS DISORDERS"

(51) International classification :A61K31/131,
(31) Priority Document No :60/544,839
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004819
Filing Date :14/02/2005
(87) International Publication No :WO 2005/079773
(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)FULTZ,TIMOTHY,J
3)MEYERSON,LAWRENCE

No of Pages : 41
No of Claims : 16

(57) Abstract :
The present invention relates to methods and compositions for treating CNS-related disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2379/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : COMBINATION OF A NMDA RECEPTOR ANTAGONIST AND A MAO-INHIBITOR OR A GADPF-INHIBI-TOR FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM-RELATED CONDITIONS."

(51) International classification :A61K31/135,
(31) Priority Document No :60/540,713
(32) Priority Date :29/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003188
Filing Date :31/01/2005
(87) International Publication No :WO 2005/072705
(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)WENT,GREGORY,T
2)MEYERSON,LAWRENCE
3)FULTZ,TIMOTHY,J

No of Pages : 39
No of Claims : 56

(57) Abstract :
The invention provides methods and compositions comprising a NMDA receptor antagonist once a monoamine oxi-dase (MAO) inhibitor GADPH inhibitor for the treatment dementia-related conditions, such as Parkinson's disease arid Alzheimer's disease

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2006
(21) Application No.2380/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : ANTINEOPLASTIC COMBINATIONS OF CCI-779 AND RITUXIMAB.

(51) International classification :A16K39/395
(31) Priority Document No :60/552,122
(32) Priority Date :11/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007724
Filing Date :09/03/2005
(87) International Publication No :WO 2005/087265
(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)SHERMAN MATTHEW L
4)ALLEN LEE F
5)STRAUSS LEWIS C

No of Pages : 13
No of Claims : 18

(57) Abstract :
This invention provides the use of a combination of CCI-779 and rituximab in the treatment of non-Hodgkin's lymphoma.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2006
(21) Application No.2381/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : CHEMICAL INHIBITORS OF SOLUBLE ADENYLYL CYCLASE(SAC).

(51) International classification :A61K 31/415
(31) Priority Document No :60/537,864
(32) Priority Date :21/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001807
Filing Date :20/01/2005
(87) International Publication No :WO 2005/070419
(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)BUCK,Jochen
2)LEVIN,Loony,R.
3)MUHLSCHLEGEL

No of Pages : 88
No of Claims : 47

(57) Abstract :
The present invention relates to a method of treating a disorder mediated by soluble adenylyl cyclase in a subject. The method involves administering to a subject an effective amount of a compound disclosed herein that modulates soluble adenylyl cyclase, under conditions effective to treat the disorder mediated by soluble adenylyl cyclase. The present invention also relates to a method of treating a disorder mediated by soluble adenylyl cyclase in a subject, where the disorder is selected from the group consisting of learning or memory disorders, malaria, fungal infection, spinal cord injury, Alzheimer's disease, amyotrophic lateral sclerosis, and peripheral neuropathy. The method involves modulating soluble adenylyl cyclase in the subject. Another aspect of the present invention relates to a method of modulating soluble adenylyl cyclase. The method involves contacting eukaryotic cells with a compound that modulates soluble adenylyl cyclase, under conditions effective to modulate soluble adenylyl cyclase.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006

(21) Application No.2382/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : SWITCH ILLUMINATING EL SHEET AND ILLUMINATED SWITCH AND ELECTRONIC APPARATUS USING THE SAME

(51) International classification	:H01H13/02
(31) Priority Document No	:2004-052371
(32) Priority Date	:26/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/002998
Filing Date	:24/02/2005
(87) International Publication No	:WO2005/084079 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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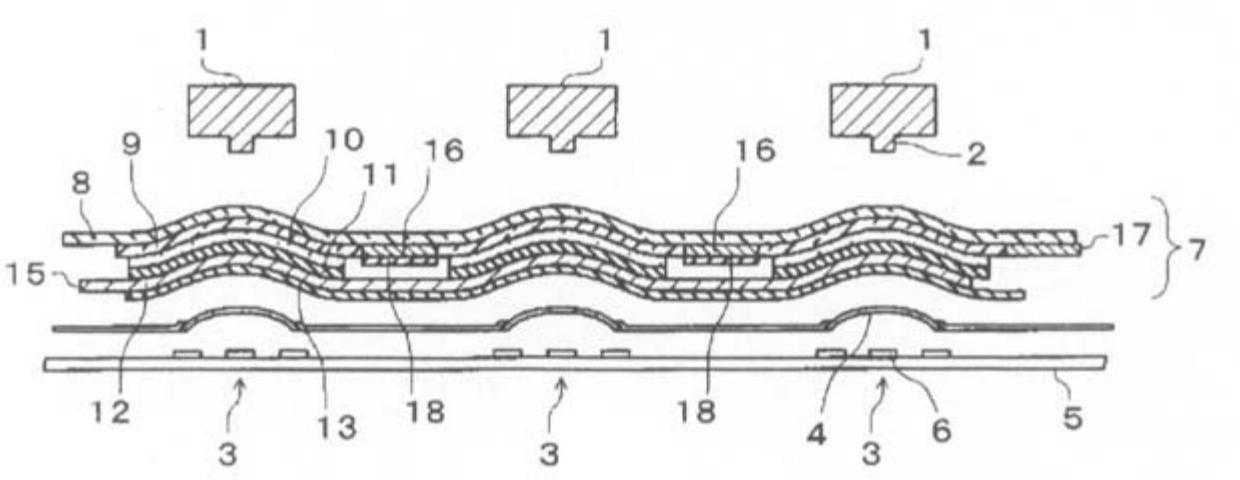
(72)**Name of Inventor :**
1)Mitsuo NAKAMURA
2)koji SHIGENOBU
3)Shunichi YAMADA

No of Pages : 40
No of Claims : 15

(57) Abstract :
A switch illuminating EL sheet (7) has a structure such that a transparent protection film (8), a transparent electrode layer (9) , a light emitting layer (10) , a dielectric layer (11) and a back electrode layer (12) are layered in order from a light emitting face side. The transparent protection film (8) has a thickness of 10 Âµm to 60 Âµm. Further, the transparent electrode layer (9) is constituted of a conductive polymer. Such an EL sheet (7) can suppress wire breakage or failure to light due to keystroke stress or the like without impairing reliability and clicking feeling of a key switch. The EL sheet (7) is arranged, for example, between a key top (1) and a switch mechanism portion (2) as a light source for illuminating the key top portion (1).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2383/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : NOVEL INHIBITORS OF CHYMASE

(51) International classification :A61K 31/662, C07F 9/30 , C07F 9/32
(31) Priority Document No :60/538,663
(32) Priority Date :23/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001659
Filing Date :18/01/2005
(87) International Publication No : WO/2005/073214
(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)MICHAEL N,GRECO
3)EUGENE POWELL
4)LAWRENCE DE GARAVILLA
5)BRUCE E, MARYANOFF
6)BRUCE E, MARYANOFF

No of Pages : 197
No of Claims : 63

(57) Abstract :
The present invention is directed to a compound of formula (1),methods for preparing these compounds, compositions, intermediates and derivatives thereof, and methods for treating inflammatory and serine protease mediated disorders.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2384/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : DEVICE AND METHOD FOR CLEANING A THICK MATTER DELIVERY PIPE

(51) International classification :B08B9/055
(31) Priority Document No :102004015417.1
(32) Priority Date :26/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002897
Filing Date :18/03/2005
(87) International Publication No :WO 2005/092527
(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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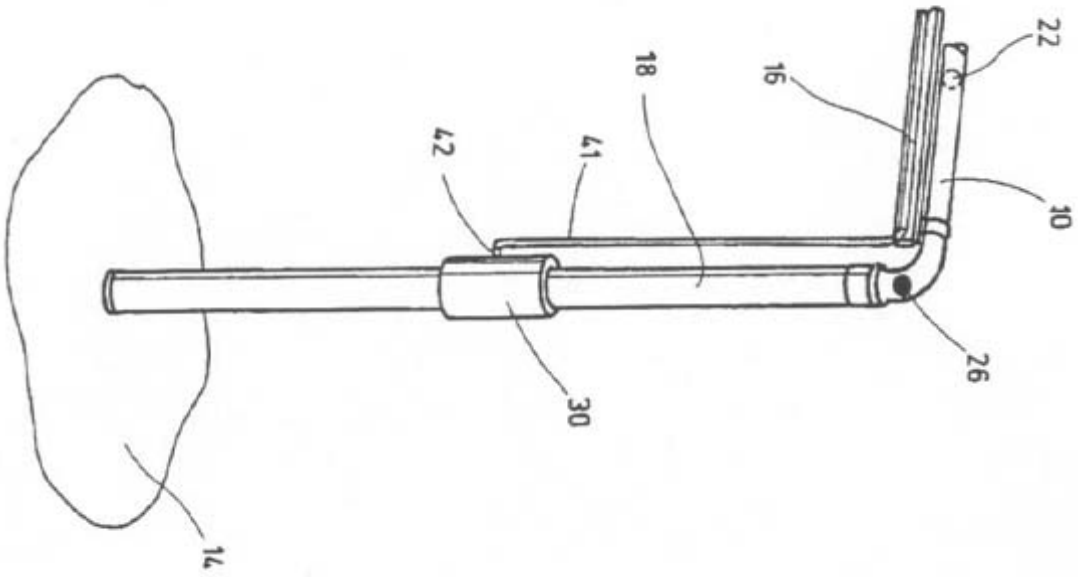
1)MURTHUM, ERNST
2)BUEHRER, KLAUS
3)WEHNER, VOLKER
4)SCHURAN, MAX

No of Pages : 14
No of Claims : 27

(57) Abstract :
The invention relates to a device for cleaning a thick matter delivery pipe (10), comprising an end-hose (18) which is mounted on an outlet side, a device (24) for introducing a pressurised fluid into the thick matter delivery pipe (10), and a cleaning body (22) that can be driven through the delivery pipe (10) by the fluid, said cleaning body lying against the entire circumference of the inner surface of the thick matter delivery pipe (10).According to the invention, the device comprises a sensor (26) for determining the consistency of the material in a section of the thick matter delivery pipe (10), a control unit (28) to which a signal can be transmitted from the sensor (26) upon a change in the consistency of the material, and a closing device (30) that can be actuated by the control unit when the signal is received, the closing device being used to at least partially close the end-hose (18).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006

(21) Application No.2385/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : OXYCOMBUSTION BOILER WITH OXYGEN PRODUCTION

(51) International classification :F23C 10/18
(31) Priority Document No :0450350
(32) Priority Date :25/02/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050113
Filing Date :22/02/2005
(87) International Publication No :WO 2005/085708
(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)BEAL, CORINNE
3)SURANITI, SILVESTRE

No of Pages : 12
No of Claims : 15

(57) Abstract :
The boiler of the invention has a circulating fluidized bed, uses solid fuels and the oxygen obtained by high temperature oxygen production membranes, and is characterized in that the membranes are placed in the bed. These membranes are, for example, of the OTM (oxygen Transport Membranes) type. Since the membranes operate at over 700 deg C, their positioning in the outer bed is ideally selected because the temperature of the solids circulating in the outer bed is between 750 and 900 deg C. This is particularly remarkable because the operating temperature windows of the circulating fluidised bed coincide with the optimal temperature window of use of the membranes.

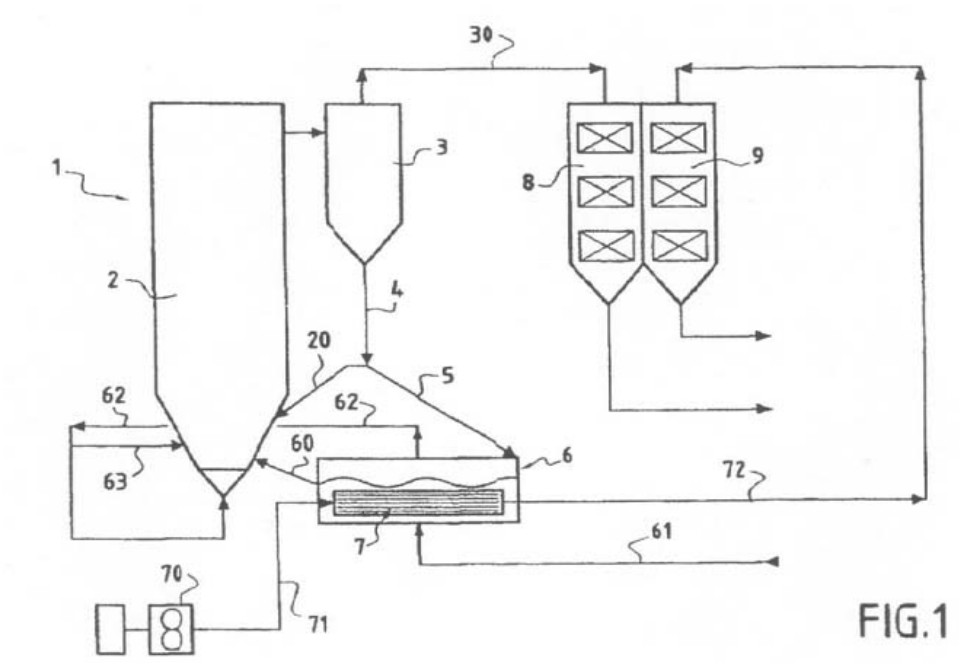

FIG.1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2386/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : IMPROVED PARTICLE INTERACTIONS IN A FLUID FLOW

(51) International classification :F15D1/10
(31) Priority Document No :2004900593
(32) Priority Date :09/02/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000160
Filing Date :09/02/2005
(87) International Publication No :WO 2005/075837
(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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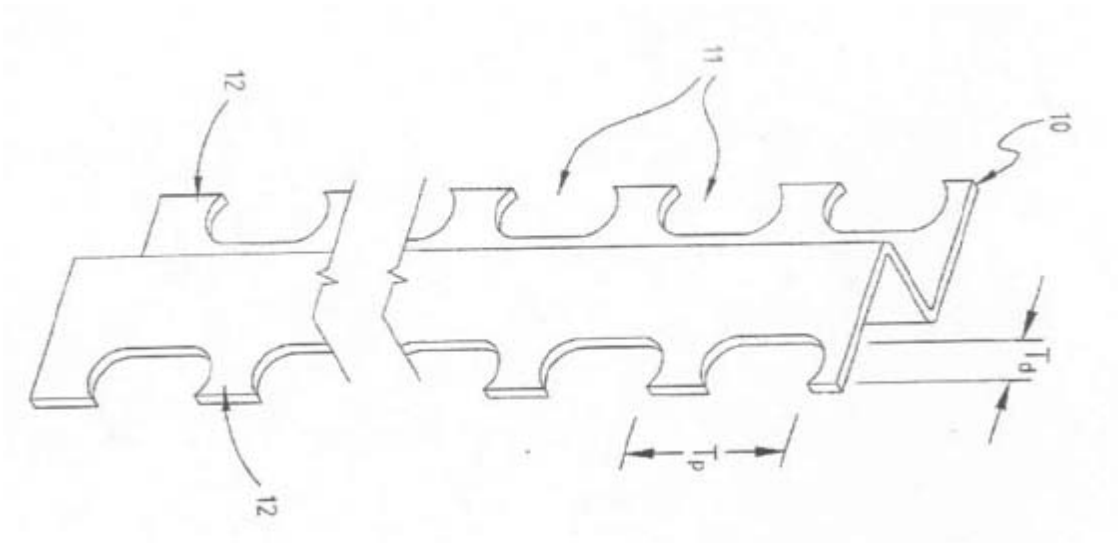
3)NATHAN, GRAHAM JERROLD
4)KELSO, RICHARD MALCOLN
5)KALT, PETER ANTHONY MARKUS

No of Pages : 19
No of Claims : 32

(57) Abstract :
Interaction between two different species of particle(s) in a fluid stream is promoted by generating turbulent eddies (1, 2) in a fluid stream. The turbulente eddies are designed to be of such size and/or intensity that the different sized particle(s) are entrained into the eddies to significantly different extents and forced to follow different trajectories (3, 4), increasing the likelihood of collisions and interactions. Optimum collision rates will occur for a system which maintains a Stokes Number (St) much less than 1 for one sized particle, and or order 1 or greater for the other sized particle. The invention has particular application in air pollution control, whereby agglomeration of fine particles into larger particles is promoted, subsequent to their removal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2387/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : THIN CAMERA HAVING SUB-PIXEL RESOLUTION

(51) International classification :H04N3/14;H04N5/335
(31) Priority Document No :10/763,396
(32) Priority Date :26/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002520
Filing Date :26/01/2005
(87) International Publication No :WO2005/072370 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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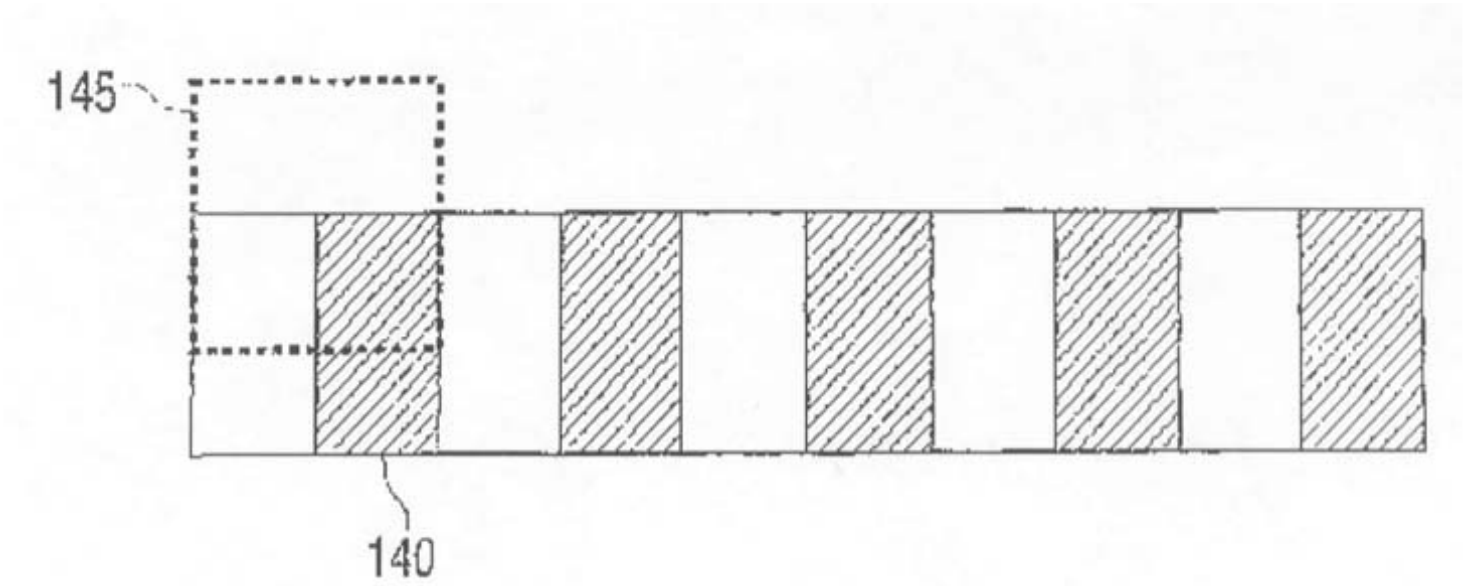
2)Robert TEKOLSTE

No of Pages : 31
No of Claims : 20

(57) Abstract :
A color camera includes at least three sub-cameras, each sub-camera having an imaging lens, a color filter, and an array of detectors. The color camera combines images from the three sub-cameras to form a composite multicolor image, wherein the three sub-cameras include a total number of detectors N and a total number of different color sets X, wherein a first number of signals of a first color set is less than N/X and a second number of signals of a second color set is greater than N/X, signals of the second color set being output from at least two of the three sub-cameras, wherein resolution of a composite image of the second color set is greater than resolution of an individual sub-camera and a resolution of the composite image. Corresponding images of the same color set may be shifted, either sequentially or simultaneously, relative to one another.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2388/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : DEVICE FOR THE CONNECTION OF TRANSPORT DEVICES

(51) International classification :B65D90/00
(31) Priority Document No :20 2004 004 054.9
(32) Priority Date :12/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002675
Filing Date :14/03/2005
(87) International Publication No :WO 2005/087623
(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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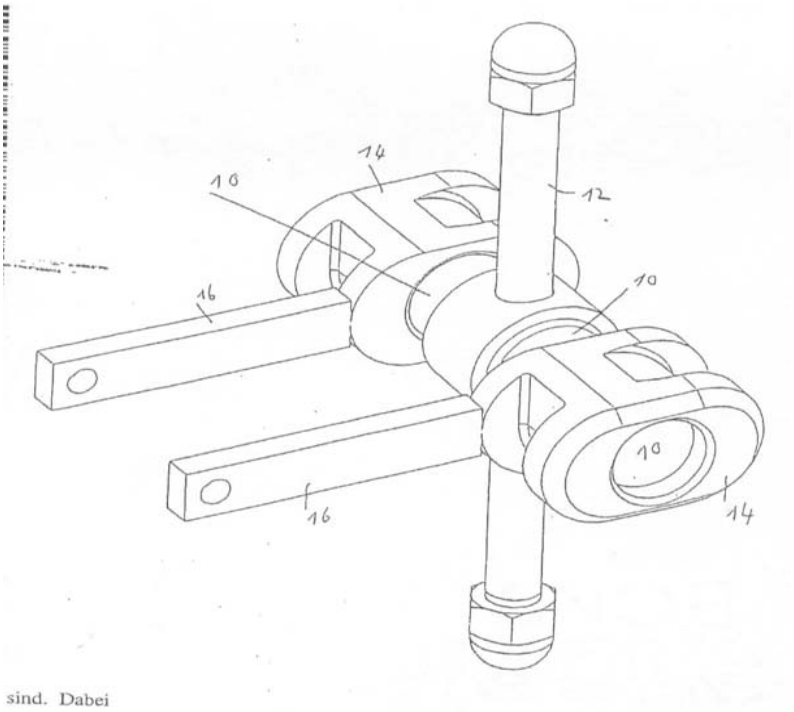
No of Pages : 13
No of Claims : 7

(57) Abstract :
There is provided a device for the connection of transport apparatuses, in particular a twistlock, which has an elongate central portion and two lock members for engagement into corner fitments of the transport apparatuses.The two lock members respectively co-operate with the ends of the central portion in such a way that the two lock members are adapted to be displaceable along the longitudinal axis of the central portion.In that respect the invention is based on the realisation that, with fundamentally identical mechanical requirements as on the state of the art, the range of use of the device according to the invention is substantially dependent on the length of the central portion.The length of the central portion determines the adjustment range of the device.



sind. Dabei

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2389/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : ELASTIC MEMBER, TONER FIXING ELEMENT AND DEVICE, AND METHOD FOR MANUFACTURING ELASTIC MEMBER

(51) International classification	:G03G 15/20,F16C13/00
(31) Priority Document No	:2004-065715
(32) Priority Date	:09/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/004392
Filing Date	:08/03/2005
(87) International Publication No	:WO 2005/085961
(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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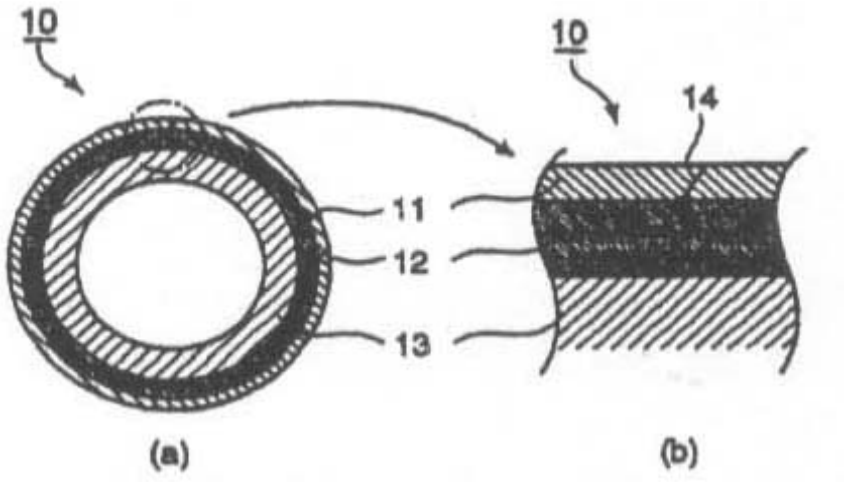
No of Pages : 44
No of Claims : 13

(57) Abstract :

An elastic member excellent in releasability which has a releasing layer, an elastic layer and a basic layer as component layers, wherein the releasing layer comprises a fluororesin film and the elastic layer comprises a porous fluororesin film having pores packed with an elastomer, and wherein the releasing layer is an uppermost layer and is contacted with the elastic layer. The above elastic member can have an elastic layer having a thickness less than that of a conventional elastic member and also can enhance the binding strength between an elastic layer and an releasing layer, and thus can achieve the saving of electric power and also an enhanced quality of an image.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2390/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHODS FOR REDUCING OXIDATIVE DAMAGE

(51) International classification :A61K 38/00
(31) Priority Document No :60/538,841
(32) Priority Date :23/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002119
Filing Date :21/01/2005
(87) International Publication No :WO 2005/072295
(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)SZETO, HAZEL, H

No of Pages : 73
No of Claims : 57

(57) Abstract :
The invention provides a method for reducing oxidative damage in a mammal, a removed organ, or a cell in need thereof. The method comprises administering an effective amount of an aromatic cationic peptide. The aromatic cationic peptide has (a) at least one net positive charge; (b) a minimum of three amino acids; (c) a maximum of about twenty amino acids; (d) a relationship between the minimum number of net positive charges (pm) and the total number of amino acid residues (r) wherein 3pm is the largest number that is less than or equal to r+1; (e) a relationship between the minimum number of aromatic groups (a) and the total number of net positive charges (pt) wherein 3a or 2a is the largest number that is less than or equal to pt+1, except that when a is 1, pt may also be 1; and (f) at least one tyrosine or tryptophan amino acid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2391/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : STRIP EJECTION SYSTEM

(51) International classification :A61B 5/00 ,G01N33/48
(31) Priority Document No :60/545,161
(32) Priority Date :18/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/000403
Filing Date :17/02/2005
(87) International Publication No :WO 2005/080966
(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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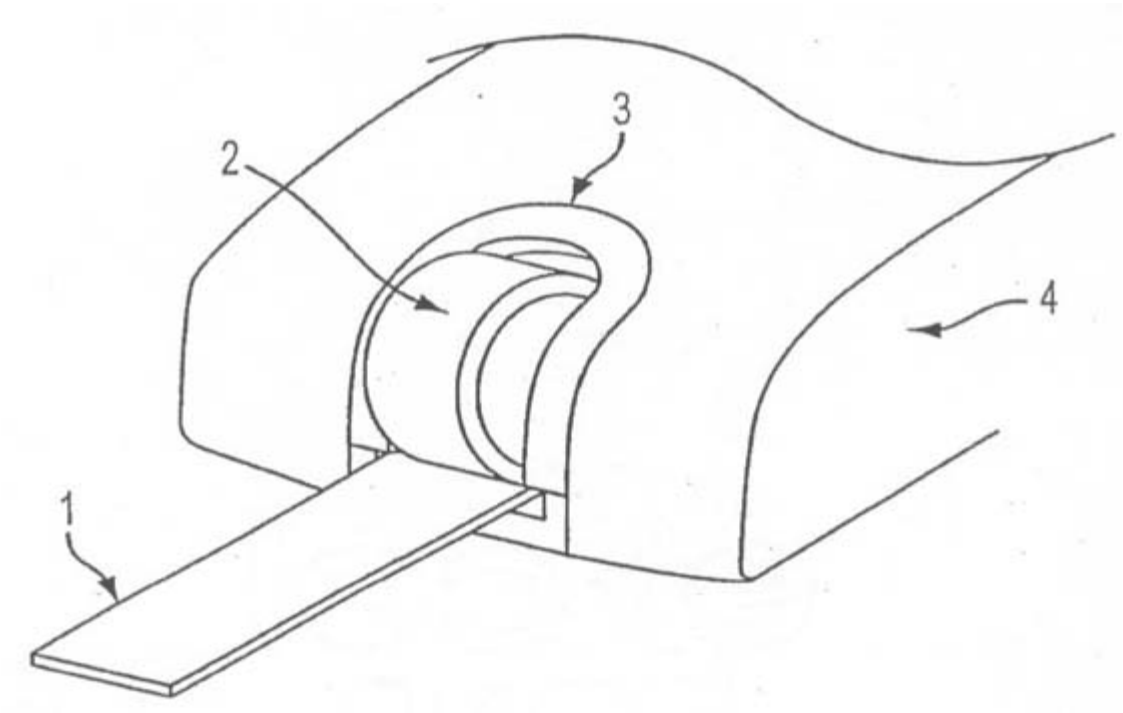
No of Pages : 19
No of Claims : 24

(57) Abstract :
A strip ejection system for holding and ejecting a strip is provided. The system includes a body and a strip movement section. The strip moving section includes all elements of the system that are involved with moving the strip, including a pressing element for pressing against the strip to move the strip from a first position to a second position. The pressing element is the only element of the strip movement section that is movable relative to the body.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2392/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,446
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007912
Filing Date :07/03/2005
(87) International Publication No :WO 2005/087747
(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)ZELLE , ROBERT

No of Pages : 70
No of Claims : 38

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2393/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : METHOD FOR INTENSIFICATION OF HIGH VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATION

(51) International classification :E21B43/00
(31) Priority Document No :10/805,117
(32) Priority Date :19/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/050937
Filing Date :17/03/2005
(87) International Publication No :WO 2005/090746
(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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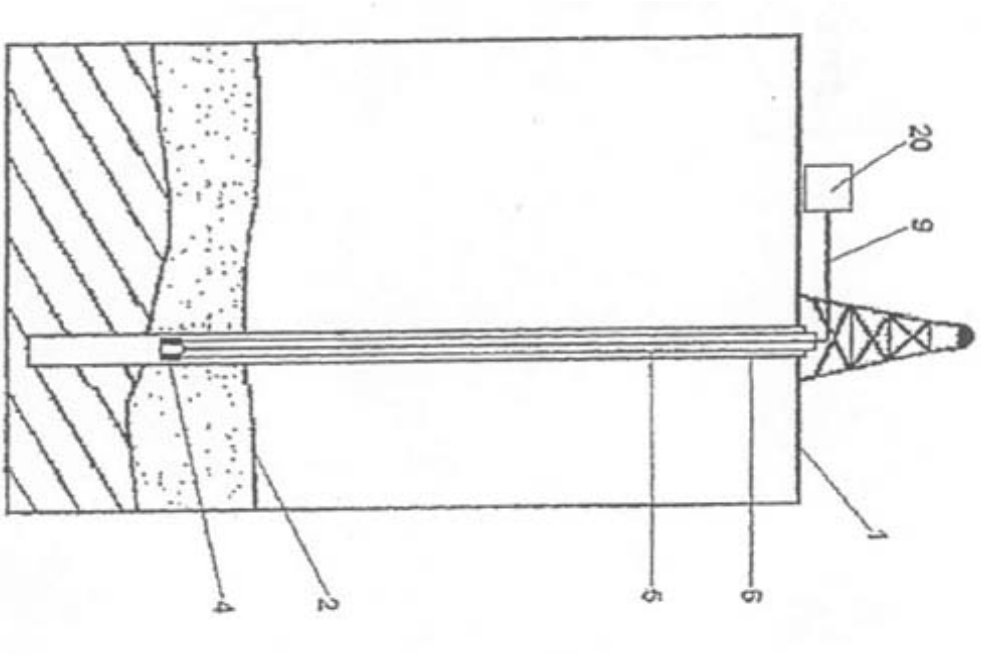
5)PAREDES-ROJAS LUIS

No of Pages : 15
No of Claims : 8

(57) Abstract :
The invention applies to the oil-producing industry and is intended for the intensification of processes increasing the yield of oil wells developed by conventional methods during production of high viscosity oils. Both objects of said invention have as a technical result an increase in the permeability of a reservoir and a reduction in the viscosity of oil, added to an increase in environmental safety by avoiding use of chemical reagents and steam generators. First object of said invention applies a high power ultrasonic field in the well bottom (10) zone that reduces viscosity of oil, also heating said zone. Second object of said invention comprises a surface ultrasonic generator and at least one ultrasonic magnetostrictive radiator placed at end of oil well tubing, using high frequency currents that warm said tubing maintaining viscosity of oil during transport to the surface.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2394/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : DIBENZO CHROMENE DERIVATIVES AND THEIR USE AS ERβ SELECTIVE LIGANDS

(51) International classification :C07D 311/78
(31) Priority Document No :60/547,967
(32) Priority Date :26/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005833
Filing Date :24/02/2005
(87) International Publication No :WO 2005/082880
(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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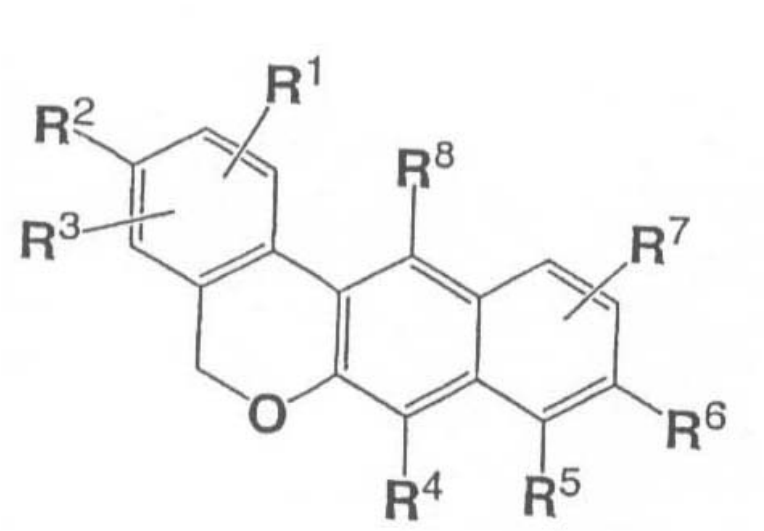
No of Pages : 72
No of Claims : 19

(57) Abstract :
This invention provides estrogen receptor modulators of formula (I), having the structure where R1, R2, R3, R4, R5, R6, R7, and R8 are as defined in the specification.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2395/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : LYSINE BASED COMPOUNDS

(51) International classification :C07C 311/37
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CA2004/001440
Filing Date :02/08/2004
(87) International Publication No :WO 2006/012725
(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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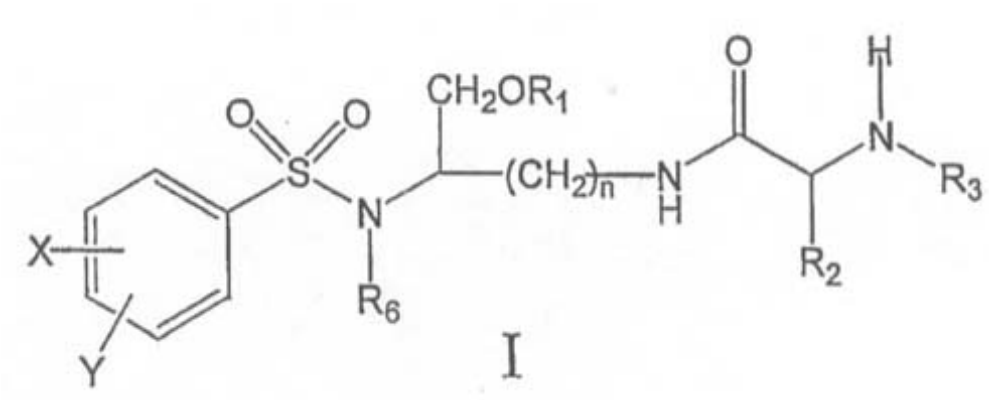
No of Pages : 84
No of Claims : 74

(57) Abstract :
The present invention provides lysine based compounds of the formula; and when the compound of formula I comprises a amino group, pharmaceutically acceptable ammonium salts thereof, wherein R1 may be, for example, (HO)2P(o)-, alkyl-CO- or cycloalkyl-CO-, wherein X may be, for example, F, Cl, and wherein R2 and R3 are as defined herein. The lysine based compounds have a physiologically cleavable unit, namely R1, whereby upon cleavage of the unit, an HIV aspartyl protease inhibitor is released.



I

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2006
(21) Application No.2396/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : "ION CHANNEL MODULATORS"

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,606
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007920
Filing Date :07/03/2005
(87) International Publication No :WO 2005/087750
(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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No of Pages : 109
No of Claims : 27

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein cab be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006

(21) Application No.2397/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : PROLINYL DERIVATIVES FOR HE TREATMENT OF THROMBOSIS

(51) International classification :C07D 207/12
(31) Priority Document No :102004014945.3
(32) Priority Date :26/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002306
Filing Date :04/03/2005
(87) International Publication No :WO2005/092849 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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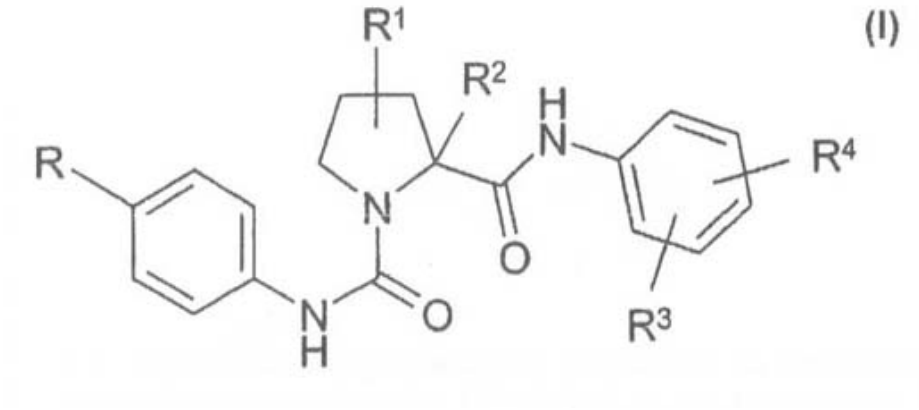
No of Pages : 44
No of Claims : 14

(57) Abstract :
Novel compounds of the formula (I), in which R, R1, R2, R3and R4 have the meaning indicated in Patent Claim 1, are inhibitors of coagulation factor Xa and can be employed for the prophylaxis and/or therapy of thromboembolic diseases and for the treatment of tumours.



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2398/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : IMIDAZOLE DERIVATIVES

(51) International classification :A61K 31/4178
(31) Priority Document No :10 2004 015 099.0
(32) Priority Date :29/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002746
Filing Date :15/03/2005
(87) International Publication No :WO 2005/097755
(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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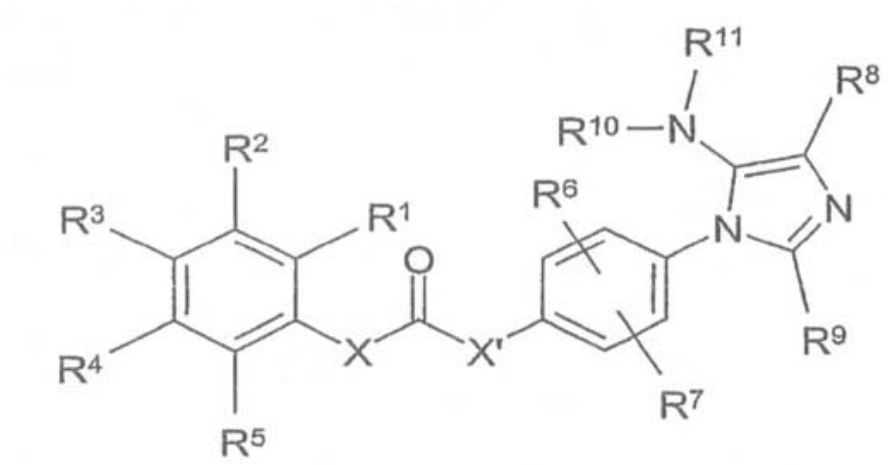
6)RAUTENBERG Wilfried
7)MITJANS Francese
8)ROSELL-VIVES Elisabet
9)ADAN Jaume
10)SOLER RIERA Marta

No of Pages : 80
No of Claims : 12

(57) Abstract :
Compounds of the formula (I), in which R1, R2, R3, R4, R5, R6, R7, R8, R9, R10,R11, X and X1 have the meanings indicated in Claim 1, art inhibitors of tyroalna klnases, in particular TIE-2, and Raf kinases and can be employed, Inter alia, for the treatment of tumours.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2399/KOLNP/2006 A
(43) Publication Date: 25/05/2007

(54) Title of the invention : DELIVERY UNIT

(51) International classification :F02M37/10
(31) Priority Document No :102004010358.5
(32) Priority Date :03/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/050349
Filing Date :27/01/2005
(87) International Publication No :WO 2005/085623
(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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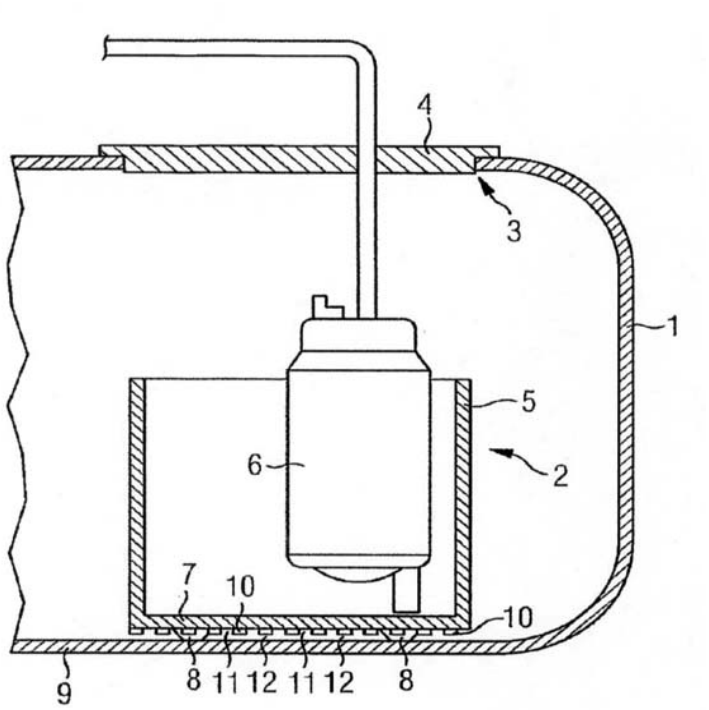
2)Hoffmann Joachlm

No of Pages : 12
No of Claims : 14

(57) Abstract :
The invention relates to a delivery unit (2) comprising a swirl pot (5), a fuel pump (6) placed therein, and a filter, which is placed on the bottom (7) of the swirl pot (5) and which is radially flowed against. This filter is formed by shaped elements axially protruding from the bottom (7) of the swirl pot (5) whereby forming an axially extending gap (11, 11a, 11b) between every two adjacent shaped elements (10), and the filter surrounds an inlet opening (13) located in the bottom (7) of the swirl pot (5). At least one flow-through area (12) is situated perpendicular to the gaps (11, 11a, 11b) and perpendicular to the flow-through direction, this at least one area (12) connecting at least two adjacent gaps (11, 11a, 11b).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2400/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PIPERIDINYL TARGETING COMPOUNDS THAT SELECTIVELY BIND INTEGRINS

(51) International classification :C07D 401/12
(31) Priority Document No :10/782,060
(32) Priority Date :18/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/009465
Filing Date :29/03/2004
(87) International Publication No :WO2005/082889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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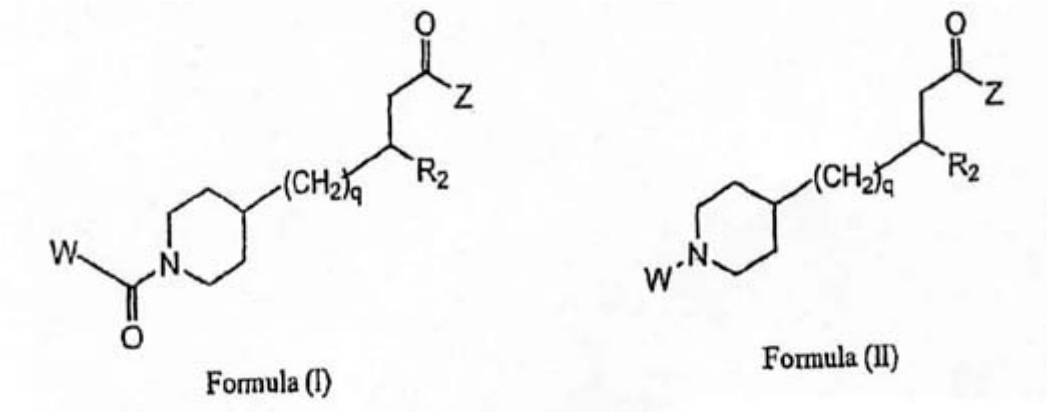
No of Pages : 341
No of Claims : 90

(57) Abstract :
The present invention relates to the synthesis and biological application of piperidinoyl carboxylic acid integrin antagonists affinity moiety of Formula (I) and Formula (II). These affinity moieties may be used with imaging agents or liposomes to target cells that express the alphavbeta3, alphavbeta5, or alphavbeta6 integrin receptors.



Formula (I)

Formula (II)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2401/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SULFONYLOXY DERIVATIVES

(51) International classification :C07D 211/22
(31) Priority Document No :2004-049254
(32) Priority Date :25/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002886
Filing Date :23/02/2005
(87) International Publication No :WO2005/080339 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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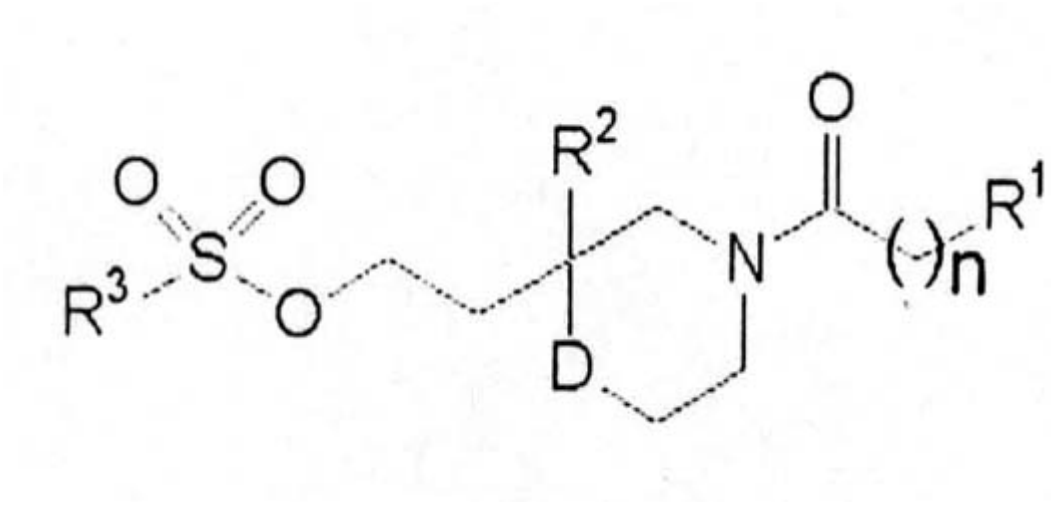
3)KEIJIRO KOBAYASHI

No of Pages : 51
No of Claims : 48

(57) Abstract :
Compounds useful as intermediates in the synthesis of neurokinin receptor antagonists, that is, compounds represented by the general formula (I): (I) wherein R is substituted phenyl; R is halogenated phenyl; R is substituted phenyl; D is oxygen or methylene; and n is 0 or 1.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2402/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BONE FIXATION IMPLANTS

(51) International classification	:A61B17/58; A61B17/68; A61B17/80; A61B17/
(31) Priority Document No	:10/809,768
(32) Priority Date	:24/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/008793 :16/03/2005
(87) International Publication No	:WO 2005/099604
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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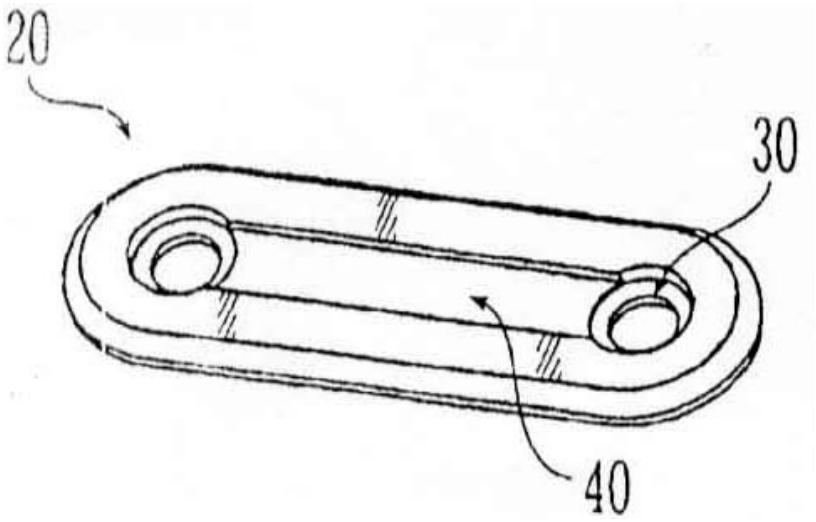
5)CHEN MICHAEL

No of Pages : 48
No of Claims : 49

(57) Abstract :
The present invention is generally directed to an improved bone fixation implant that provides tactile indication of the top surface of the implant. In one embodiment, an implant comprises a top surface, a bottom bone-contacting surface, and recessed portion disposed in the top surface of the implant to provide a tactile indicator for readily identifying the top surface of the implant. In another embodiment, the top surface indicator may be in the form of an elongated top surface groove that is recessed below the top surface of the implant. The implant may further include at least two fastener holes for receiving fasteners therethrough to secure the implant to the bone. In preferred embodiments, the implant may be made of a resorbable or metallic materials. In another embodiment of the present invention, an implant may comprise transverse slots preferably disposed between at least some of the fastener holes.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2403/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTITHROMBOTIC COMPOUND

(51) International classification :C07H 11/00
(31) Priority Document No :04005343.1
(32) Priority Date :05/03/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/002881
Filing Date :03/03/2005
(87) International Publication No :WO 2005/090382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DE KORT MARTIN
3)MEULEMAN DIRK GERRIT
4)VAN BOECKEL CONSTANT

No of Pages : 69
No of Claims : 15

(57) Abstract :
The present invention relates compounds of the formula (A) oligosaccharide-spacer-GpIIb/IIIa antagonist (A), wherein the oligosaccharide is a negatively charged oligosaccharide residue comprising four to twenty five monosaccharide units, the charge being compensated by positively charged counterions, and wherein the oligosaccharide residue is derived from an oligosaccharide which has (AT-III mediated) anti-Xa activity per se; the spacer is a bond or an essentially pharmacologically inactive linking residue; the GpIIb/IIIa antagonist is a residue mimicking the RGD and/or K(QA)GD fragment of fibrinogen, typically comprising an optionally esterified carboxylate moiety and a basic moiety located within the residue at a distance of 10-20 AA from each other; or a pharmaceutically acceptable salt thereof or a prodrug or a solvate thereof. The compounds of the invention have antithrombotic activity and can be used in treating or preventing thrombotic diseases.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2404/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRE-ALLOCATING RESOURCES OF A WIRELESS NETWORK FOR PACKET-SWITCHED REAL-TIME INTERACTIVE COMMUNICATIONS.

(51) International classification :H04Q 7/20
(31) Priority Document No :60/551,077
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006854
Filing Date :04/03/2005
(87) International Publication No :WO 2005/094096
(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)AKHTAR HASEEB

No of Pages : 23
No of Claims : 20

(57) Abstract :
To communicate in a wireless network, resources of at least one node (20A) of the wireless network are pre-allocated (44). The pre-allocated resources (44) comprise resources normally allocated in response to a call setup request. A first call setup request is received after pre-allocating the resources, and in response to the first call setup request, a packet-switched real-time, interactive communications session is established through the wireless network using the pre-allocated resources of the at least one node (20A).

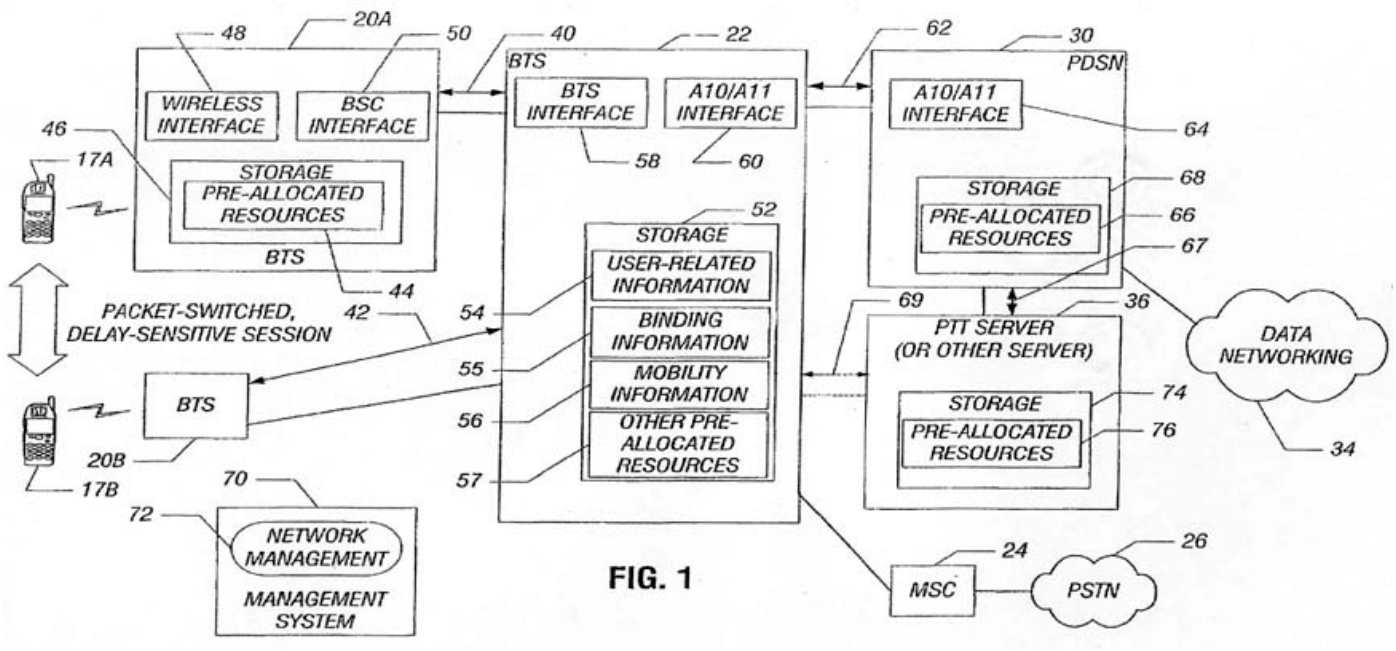

FIG. 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2405/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NOVEL 4-BENZIMIDAZOL-2-YLPYRIDAZIN-3-ONE DERIVATIVES

(51) International classification :C07D 401/14
(31) Priority Document No :10 2004 010 207.4
(32) Priority Date :02/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002569
Filing Date :18/02/2005
(87) International Publication No :WO 2005/085231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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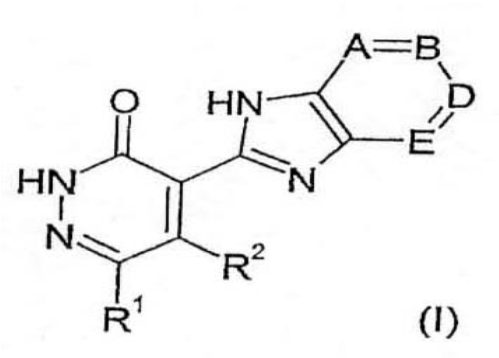
6)COMBEAU CECILE
7)DELAISI CHRISTINE
8)STEINMETZ ANKE
9)SASSOON INGRID

No of Pages : 68
No of Claims : 14

(57) Abstract :
The invention relates to compounds of the general formula (I), where the definition of the substituents A, B, D, E, Rand R are detailed in the description, and the physiologically tolerated salts thereof, a process for the preparation of these compounds and their use as pharmaceuticals. These compounds are kinase inhibitors, in particular inhibitors of the kinase CDK2 (cyclin-dependent kinase 2).



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2406/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS, HALOGENATED COMPOSITIONS, CHEMICAL PRODUCTION AND TELOMERIZATION PROCESSES

(51) International classification :C07C 21/18
(31) Priority Document No :60/540,612
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002617
Filing Date :28/01/2005
(87) International Publication No :WO 2005/074528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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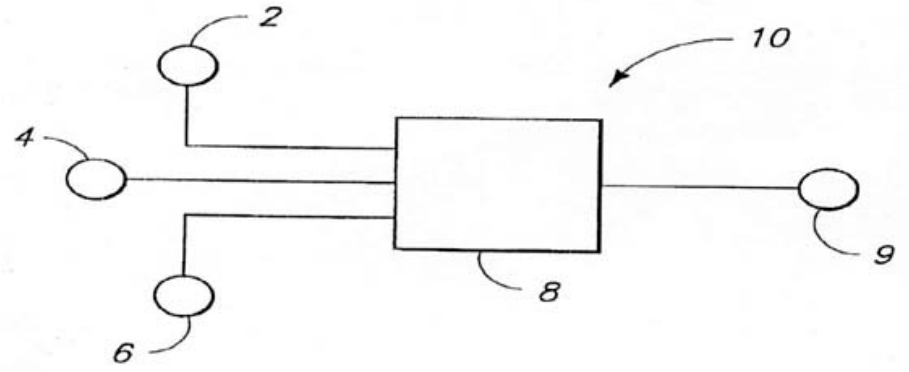
2)AMEDURI BRUNO
3)KOSTOV GEORGE K

No of Pages : 10
No of Claims : 28

(57) Abstract :
Compositions are provided that can include RF(RT)NQ, formula I (I), formula II (II), and/or RCI(RT)nH The RF group can have four fluonne atoms, the RT group can include a C-2 group having a pendant -CF3 group, n can be at least 1, the R1 group can include a carbon atom, the RCI group can be -CCI3, and the Q group can include one or more atoms of the periodic table of elements Telomenzation processes are also provided

$R_F(R_1\text{-}CH)_nQ$ (I) $Q(R_1\text{-}CH)_nR_F$ (II)
CF_3 CF_3



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2407/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS

(51) International classification :C07D231/40,
(31) Priority Document No :60/540,564
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002644
Filing Date :31/01/2005
(87) International Publication No :WO2005/075435 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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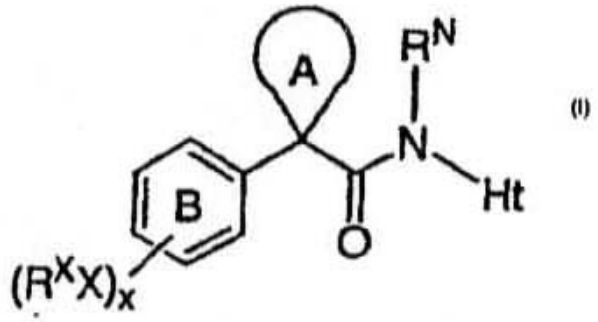
2)GROOTENHUIS,PETER,D.J.
3)MILLER,MARK,T.
4)HAMILTON,MATTHEW

No of Pages : 221
No of Claims : 137

(57) Abstract :
The present invention relates to modulators of ATP-Binding Cassette ("ABC") transporters or fragments thereof, including Cystic Fibrosis Transmembrane Conductance Regulator ("CFTR"), compositions thereof, and methods therewith. The present invention also relates to methods of treating ABC transporter mediated diseases using such modulators (I) or a pharmaceutically acceptable salt thereof, wherein: Ht is a 5-membered heteroaromatic ring containing 1-4 heteroatoms selected from O, S, N or NH, wherein said ring is optionally fused to a 6-membered monocyclic or 10-membered bicyclic carbocyclic or heterocyclic, aromatic or non-aromatic ring, wherein Ht is optionally substituted with w occurrences of -WR, wherein w is 0-5; ring A is 3-7 membered monocyclic ring having 0-3 heteroatoms selected from O, S, N, or NH, wherein ring A is optionally substituted with q occurrences of QR; ring B is optionally fused to 5-6 membered carbocyclic or heterocyclic, aromatic or non-aromatic ring .



(I)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2408/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION PROCESS AND SYSTEMS COMPOSITION SURFACTANTS MONOMER UNITS ,METAL COMPLEXES,PHOSPHATE ESTERS,GLYCOLS,AQUEOUS FILM FORMING FOAMS,AND FOAM STABILIZERS.

(51) International classification :C07C 21/18
(31) Priority Document No :60/540,612
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003429
Filing Date :28/01/2005
(87) International Publication No :WO 2005/074637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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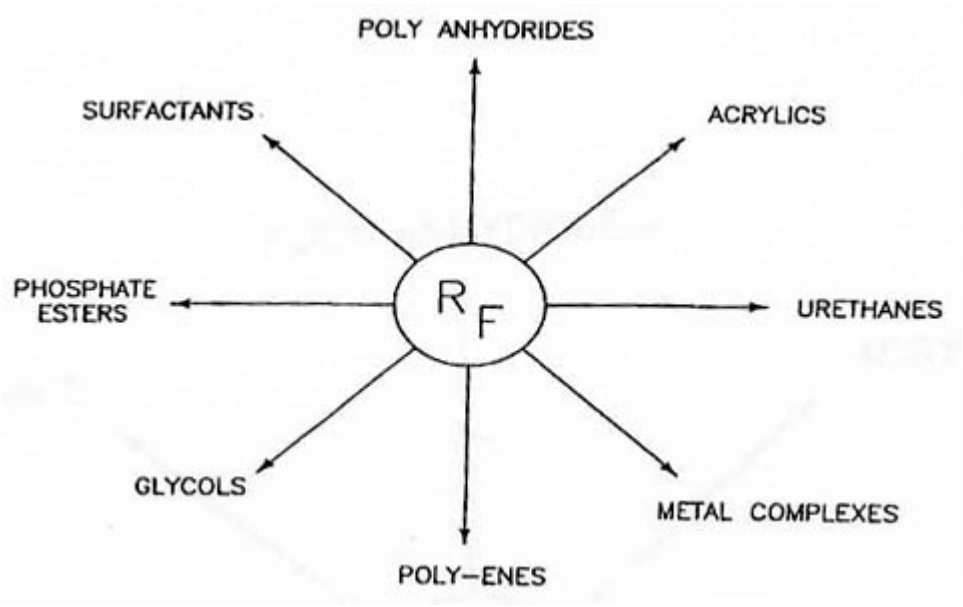
7)JACKSON.ANDREW
8)LEMAN,GREGORY
9)AMEDURI,BRUNO
10)KOSTOV,GEORGE,K

No of Pages : 171
No of Claims : 50

(57) Abstract :
Production processes and systems are provided that include reacting halogenated compounds, dehalogenating compounds, reacting alcohols, reacting olefins and a saturated compounds, reacting reactants having at least two -CF3 groups with reactants having cyclic groups. RF-compositions such as RF-intermediates, RF-surfactants, RF-monomers, RF-monomer units, RF-metal complexes, RF-phosphate esters, RF-glycols, RF-urethanes, and/or RF-foam stabilizers. The RF portion can include at least two -CF3 groups, at least three -CF3 groups, and/or at least two -CF3 groups and at least two -CH2- groups. Detergents, emulsifiers, paints, adhesives, inks, wetting agents, foamers, and defoamers including the RF-surfactant composition are provided. Acrylics, resins, and polymers are provided that include a RF-monomer unit. Compositions are provided that include a substrate having a RF-composition thereover. Aqueous Film Forming Foam ("AFFF") formulations are provided that can include RF-surfactants and/or RF-foam stabilizers are provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2006
(21) Application No.2409/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION PROCESSES AND SYSTEMS, COMPOSITIONS, SURFACTANTS, MONOMER UNITS, METAL COMPLEXES, PHOSPHATE ESTERS,GLYCOLS,AQUEOUS FILM FORMING FOAMS,AND FOAM STABILIZERS.

(51) International classification :C07C 21/18
(31) Priority Document No :60/540,612
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003138
Filing Date :28/01/2005
(87) International Publication No :WO 2005/074594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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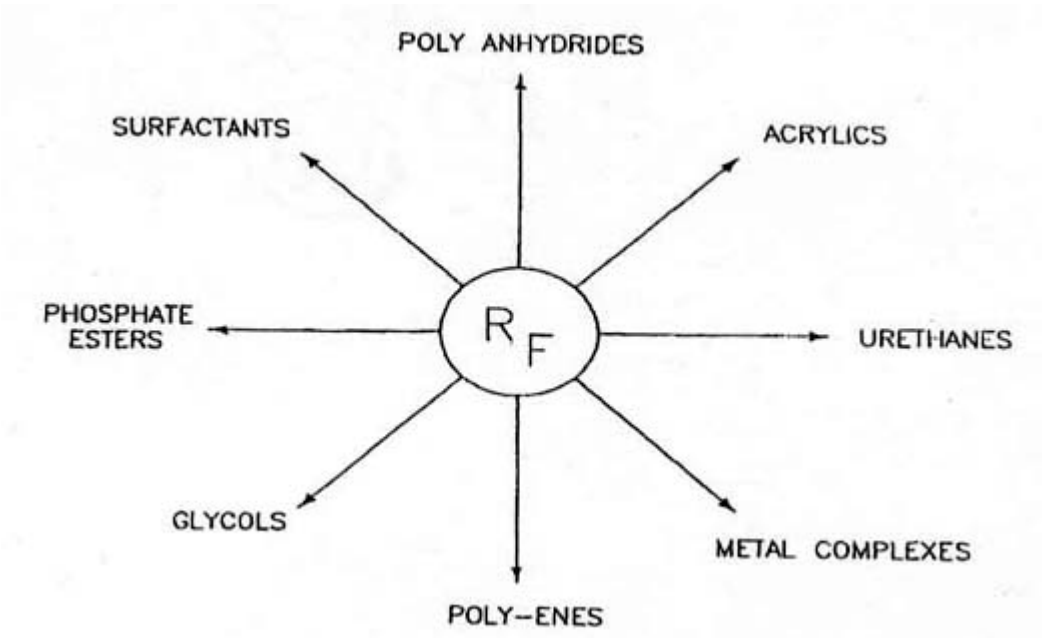
7)JACKSON ANDREW
8)LEMAN GREGORY
9)NORMAN EDWARD
10)KAUFMAN ROBERT

No of Pages : 168
No of Claims : 35

(57) Abstract :
Production processes and systems are provided that include reacting halogenated compounds, dehalogenating compounds, reacting alcohol"s, reacting olefins and a saturated compounds, reacting reactants having at least two -CF3 groups with reactants having cyclic groups. RF-compositions such as RF-intermediates, RF-surfactants, RF-monomers, RF-monomer units, RF-metal complexes, RF-phosphate esters, RF-glycols, RF-urethanes, and/or RF-foam stabilizers. The RF portion can include at least two -CF3 groups, at least three -CF3 groups, and/or at least two -CF3 groups and at least two -CH2- groups. Detergents, emulsifiers, paints, adhesives, inks, wetting agents, foamers, and defoamers including the RF-surfactant composition are provided. Acrylics, resins, and polymers are provided that include a RF-monomer unit. Compositions are provided that include a substrate having a RF-composition thereover. Aqueous Film Forming Foam ("AFFF") formulations are provided that can include RF-surfactants and/or RF-foam stabilizers are provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2410/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COVERING DEVICE FOR FLOOR COVERINGS.

(51) International classification :E04F 19/06
(31) Priority Document No :A317/2004
(32) Priority Date :27/02/2004
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2005/000016
Filing Date :25/01/2006
(87) International Publication No :WO2005/083195 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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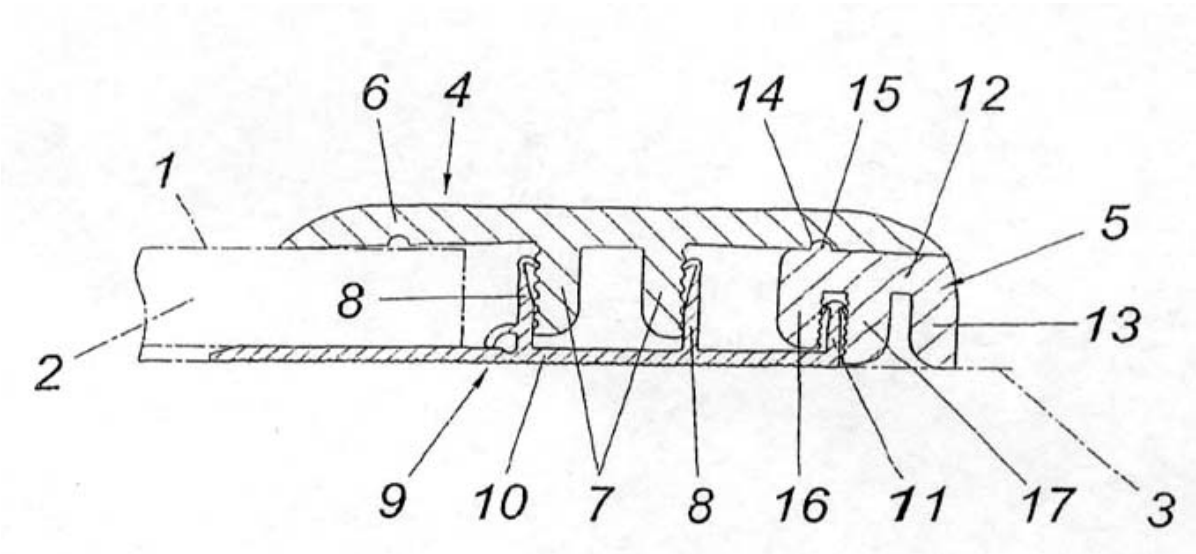
No of Pages : 11
No of Claims : 8

(57) Abstract :
Disclosed is a covering device for floorings (2), comprising a profiled cover (4) that is provided with a covering flange (6) and at least one clamping web (7) which protrudes downward from the covering flange (6), extends in the longitudinal direction of the profiled cover (4), and is used for fastening the profiled cover (4) in a fixture (9), and an optionally useable compensating strip (5). Said compensating strip (5) can be positively joined to the profiled cover (4) on the bottom face of the covering flange (6) via a groove-spring connection. In order to create advantageous design conditions, the profiled cover (4), which is formed from a profiled bar, is provided with at least one longitudinal groove (14) for accommodating a locking nose (15) of the compensating strip (5), which is also formed from a profiled bar, as a groove-spring connection.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2411/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DEVICE FOR BRIDGING A DIFFERENCE IN HEIGHT BETWEEN TWO FLOOR SURFACES.

(51) International classification	:E04F 19/06
(31) Priority Document No	:A318/2004
(32) Priority Date	:27/02/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2005/000017
Filing Date	:25/01/2005
(87) International Publication No	:WO2005/083196 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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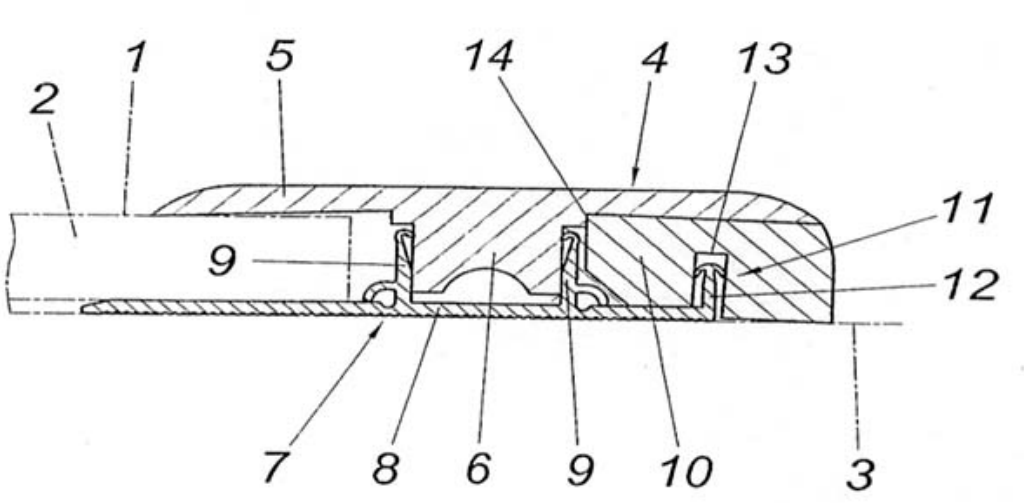
No of Pages : 13
No of Claims : 12

(57) Abstract :
Disclosed is a device for bridging a difference in height between two floor surfaces (1, 3). Said device comprises a profiled cover (4) that is provided with a covering flange (5) which covers the edge of the two floor surfaces (1, 3), and at least one clamping extension (6). Said clamping extension (6) protrudes downward from the covering flange (5), extends in the longitudinal direction of the profiled cover (4), and clampingly engages into a fixture (7). The inventive device further comprises a compensating strip (10) located between the covering flange (5) of the profiled cover (4) and the lower of the two floor surfaces (1, 3). In order to create advantageous design conditions, the fixture (7) forms a clamping seat (11) for the compensating strip (10).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2412/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HYDROCARBON SYNTHESIS

(51) International classification :C07C 1/26
(31) Priority Document No :60/542,089
(32) Priority Date :05/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/050448
Filing Date :03/02/2005
(87) International Publication No :WO2006/033025 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)STEYNBERG,Andre,Peter

No of Pages : 22
No of Claims : 10

(57) Abstract :
A process for synthesising hydrocarbons includes feeding a gaseous feedstock comprising hydrogen, carbon monoxide and carbon dioxide, into a dimethyl ether (DME) synthesis stage, and in the DME synthesis stage, converting a portion of the gaseous feedstock into a DME product and gaseous products. The DME product is separated from unreacted gaseous reactants and the gaseous products to obtain a tail gas comprising hydrogen and carbon monoxide. The tail gas is fed into a Fischer-Tropsch hydrocarbon synthesis stage, and the hydrogen, carbon monoxide and carbon dioxide are allowed at least partially to react catalytically in the Fischer-Tropsch hydrocarbon synthesis stage to form hydrocarbons.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2413/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CO-PRODUCTION OF HYDROCARBONS AND DIMETHYL ETHER

(51) International classification :C07C 1/20
(31) Priority Document No :10/542,088
(32) Priority Date :05/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/050449
Filing Date :03/02/2005
(87) International Publication No :WO2005/075386 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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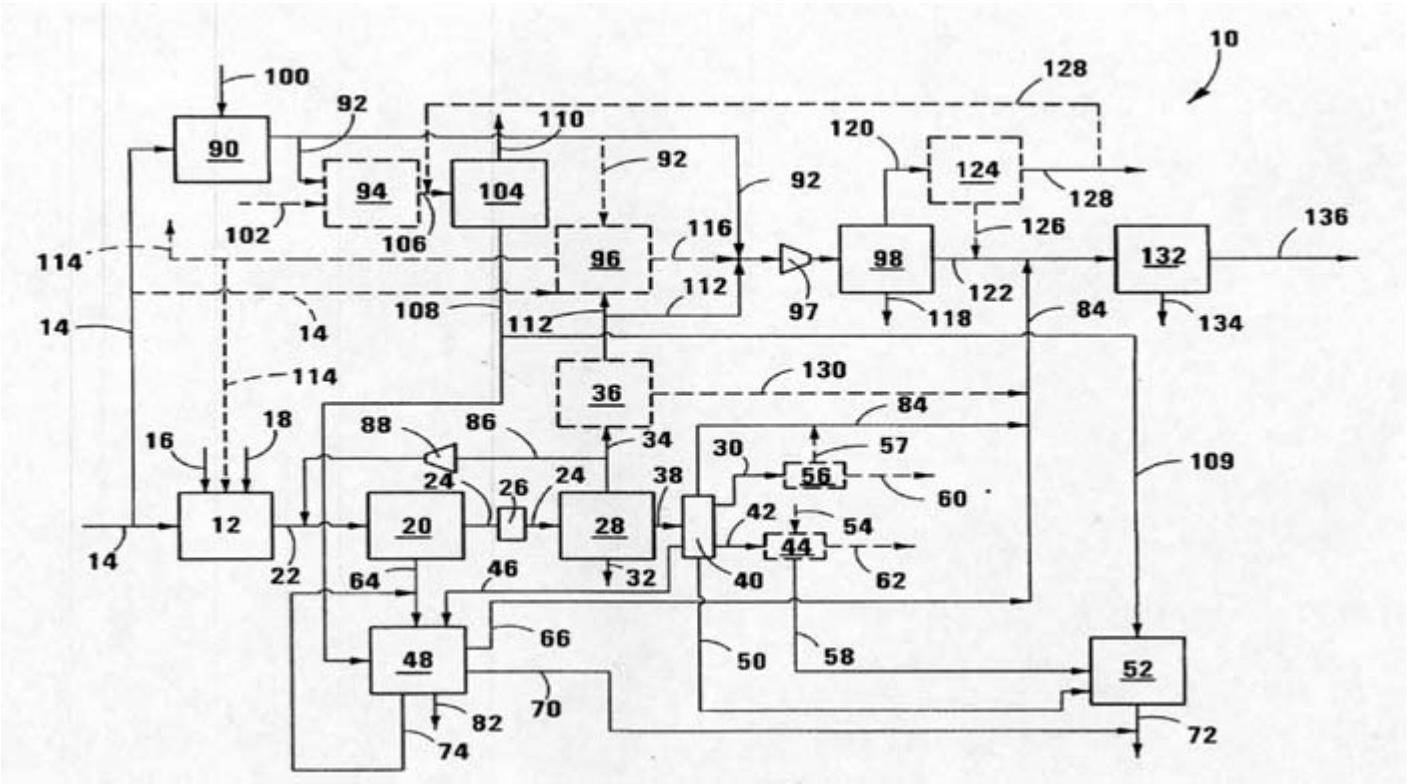
(72)**Name of Inventor :**
1)STEYNBERG,Andre,Peter
2)GREEFF,Pierre

No of Pages : 29
No of Claims : 17

(57) Abstract :
A process for co-producing hydrocarbons and dimethyl ether (DME) includes feeding a gaseous feedstock comprising hydrogen and carbon monoxide, into a threephase low temperature catalytic Fischer-Tropsch reaction stage, allowing the hydrogen and carbon monoxide partially to react catalytically in the Fischer-Tropsch reaction stage to form hydrocarbons, and obtaining a tail gas from the Fischer-Tropsch reaction stage which includes unreacted hydrogen and carbon monoxide and also carbon dioxide. The composition of at least a portion of the tail gas is adjusted to provide a DME synthesis feedstock with a syngas number (SN) between 1.8 and 2.2, where formula (I) and where [H2], [CO] and [CO2] respectively are the molar proportions of hydrogen, carbon monoxide and carbon dioxide in the DME synthesis feedstock. The DME synthesis feedstock is fed into a DME synthesis stage for conversion.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2414/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION PROCESSES AND SYSTEMS, COMPOSITIONS, SURFACTANTS, MONOMER UNITS, METAL COMPLEXES, PHOSPHATE ESTERS, GLYCOLS, AQUEOUS FILM FORMING FOAMS, AND FOAM STABILIZERS

(51) International classification :C07C 21/18
(31) Priority Document No :60/540,612
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003137
Filing Date :28/01/2005
(87) International Publication No :WO 2005/074593
(61) Patent of Addition 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)SHARMA,VIMAL
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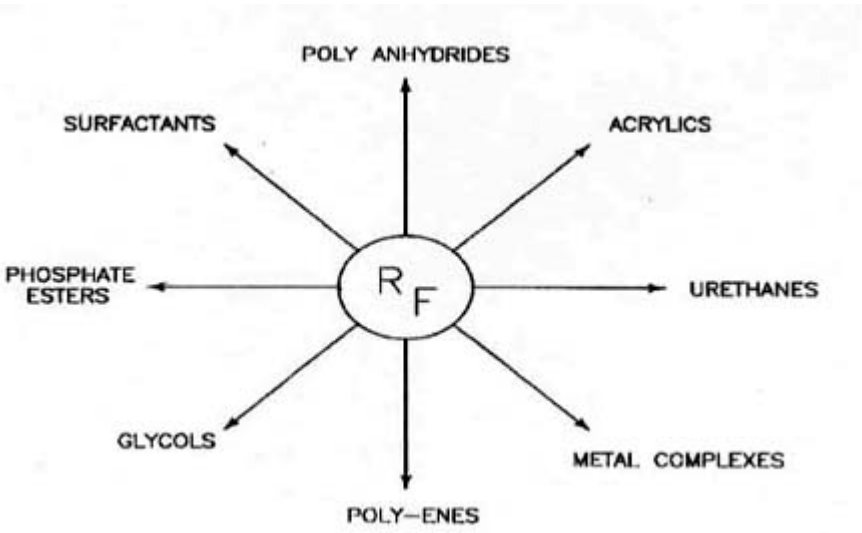
6)HEDRICK,VICTORIA
7)JACKSON,ANDREW
8)LEMAN,GREGORY
9)AMEDURI,BRUNO
10)KOSTOV,GEORGE,K

No of Pages : 169
No of Claims : 51

(57) Abstract :
Production processes and systems are provided that include reacting halogenated compounds, dehalogenating compounds, reacting alcohols, reacting olefins and a saturated compounds, reacting reactants having at least two -CF3 groups with reactants having cyclic groups. RF-compositions such as RF-intermediates, RF-surfactants, RFmonomers, RF-monomer units, RF-metal complexes, RF-phosphate esters, RF-glycols, RFurethanes, and/or RF-foam stabilizers. The RF portion can include at least two -CF3 groups, at least three -CF3 groups, and/or at least two -CF3 groups and at least two -CH2- groups. Detergents, emulsifiers, paints, adhesives, inks, wetting agents, foamers, and defoamers including the RF-surfactant composition are provided. Acrylics, resins, and polymers are provided that include a RF-monomer unit. Compositions are provided that include a substrate having a RF-composition thereover. Aqueous Film Forming Foam ("AFFF") formulations are provided that can include RFsurfactants and/or RF-foam stabilizers are provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2415/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PRODUCTION PROCESSES AND SYSTEMS, COMPOSITIONS,SURFACTANTS,MONOMER UNITS,METAL COMPLEXES,PHOSPHATE ESTERS,GLYCOLS,AQUEOUS FILM FORMING FOAMS,AND FOAM STABILIZERS.

(51) International classification :C07C 21/18
(31) Priority Document No :60/540,612
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003433
Filing Date :28/01/2005
(87) International Publication No :WO2005/074639 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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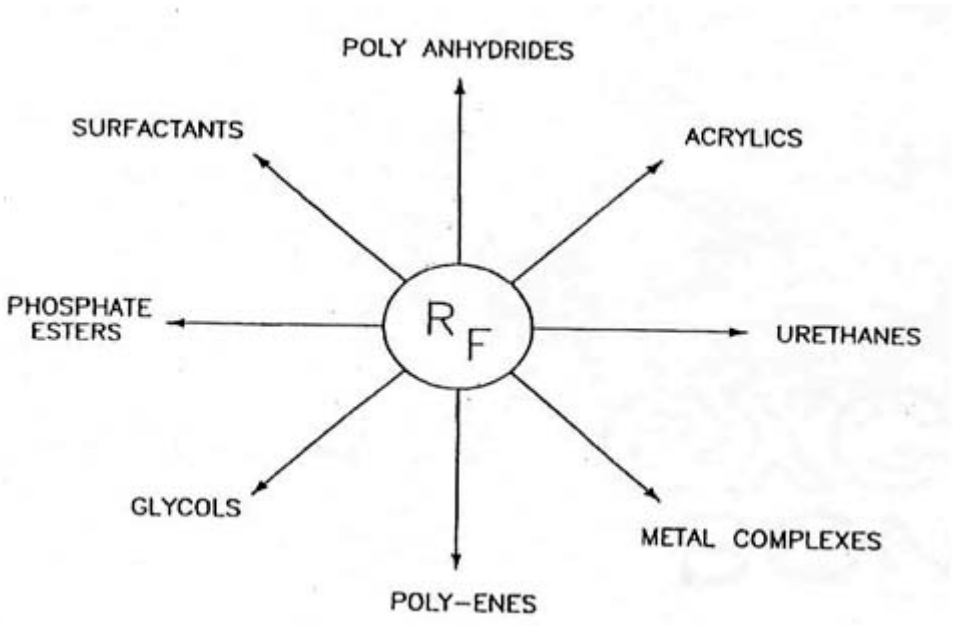
4)SHARMA VIMAL
5)EDWARDS BRADLEY E
6)HEDRICK VICTORIA
7)JACKSON ANDREW
8)LEMAN GREGORY
9)NORMAN EDWARD
10)KAUFMAN ROBERT

No of Pages : 170
No of Claims : 60

(57) Abstract :
Production processes and systems are provided that include reacting halogenated compounds, dehalogenating compounds, reacting alcohols, reacting olefins and a saturated compounds, reacting reactants having at least two -CF3 groups with reactants having cyclic groups. RF compositions such as RF-intermediates, RF-surfactants, RF-monomers, RF-monomer units, RF-metal complexes, RF-phosphate esters, RF-glycols, RF urethanes, and/or RF-foam stabilizers. The RF portion can include at least two -CF3 groups, at least three -CF3 groups, and/or at least two -CF3 groups and at least two -CH2- groups. Detergents, emulsifiers, paints, adhesives, inks, wetting agents, foamers, and defoamers including the RF-surfactant composition are provided. Acrylics, resins, and polymers are provided that include a RF-monomer unit. Compositions are provided that include a substrate having a RF-composition thereover. Aqueous Film Forming Foam ("AFFF") formulations are provided that can include RF-surfactants and/or RF-foam stabilizers are provided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2416/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LENS ARRAY AND METHOD OF MAKING SAME.

(51) International classification	:G02B27/10 ,B29D11/00
(31) Priority Document No	:10/797,809
(32) Priority Date	:09/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003707
Filing Date	:04/02/2005
(87) International Publication No	:WO2005/091784 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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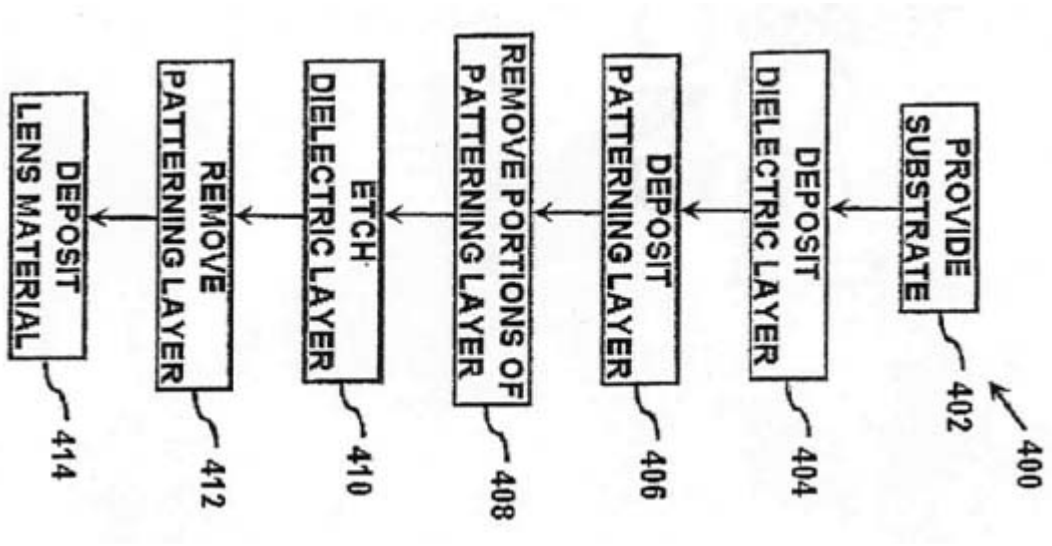
No of Pages : 31
No of Claims : 42

(57) Abstract :
Systems and methods are provided tor a lens or mi-crolens array or non-spherical lens with or without an integrated sensor umi A dielectric between a substrate and a lens material has curved recesses, which are filled in by the lens material. Light enters the lens material layer and is focused by the curved recess portions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2417/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : AMPHIPHILIC NANOPARTICLES.

(51) International classification :B01J 13/00
(31) Priority Document No :102004009287.7
(32) Priority Date :26/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002023
Filing Date :25/02/2005
(87) International Publication No :WO 2005/082514
(61) Patent of Addition 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)SCHMIDT HELMUT
3)AKARSU MURAT

No of Pages : 32
No of Claims : 26

(57) Abstract :
The invention relates to amphiphilic, nanoscalar particles comprising lipophilic hydrolysable groups on their surface. The invention also relates to methods for producing amphiphilic, nanoscalar particles and to compositions containing said particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2418/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING POLYHYDROXYALKANOATE.

(51) International classification :C12P 7/62
(31) Priority Document No :2004-061289
(32) Priority Date :04/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003588
Filing Date :03/03/2005
(87) International Publication No :WO 2005/085460
(61) Patent of Addition 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)UEDA, YASUYOSHI
5)NARASIMHAN, KARUNAKARAN
6)CEARLEY, ANGELLA CHRISTINE
7)YEE, KENNETH
8)NODA, ISAO

No of Pages : 23
No of Claims : 23

(57) Abstract :
The present invention provides a method for obtaining a biodegradable polyhydroxyalkanoate by a solvent extraction method without causing a significant molecular weight decrease.The present invention invention relates to a method for producing a polyhydroxyalkanoate which comprises extracting a polyhydroxyalkanoate from a polyhydroxyalkanoate-containing biomass having the water content of 5% by weight or less using an extraction solvent, crystallizing, and recovering the resultant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2419/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SAFETY DEVICE FOR PREVENTING OVERCHARGE AND SECONDARY BATTERY THEREWITH.

(51) International classification	:H01M 2/34
(31) Priority Document No	:10-2004-0071285
(32) Priority Date	:07/09/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/002964
Filing Date	:07/09/2005
(87) International Publication No	:WO 2006/028351
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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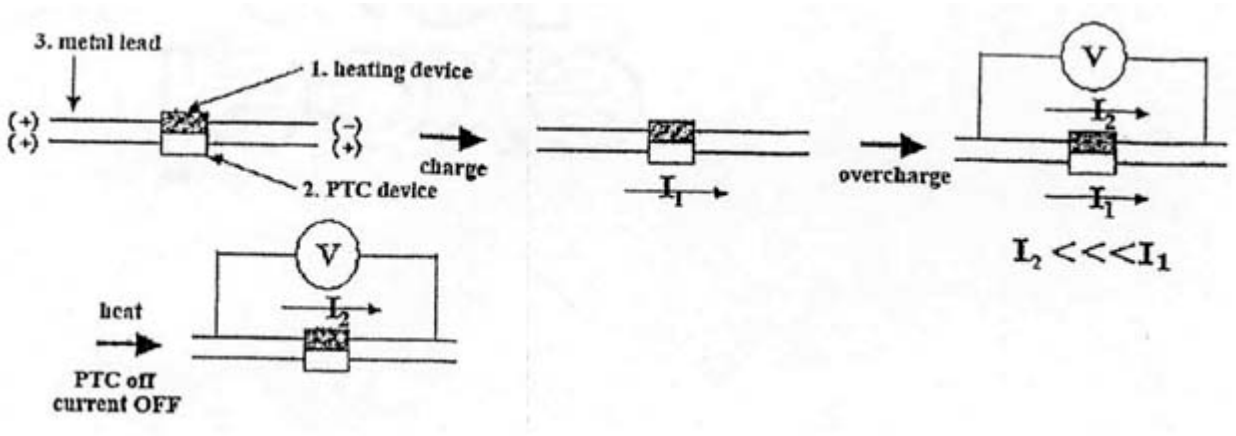
2)LEE, JAE-HYUN
3)LEE, JOON HWAN
4)HA, SOO HYUN
5)CHO, JEONG JU

No of Pages : 28
No of Claims : 15

(57) Abstract :
Disclosed are a safety device and a secondary battery using the same. The safety device includes a voltage sensitive heating device generating heat when a voltage difference between both ends thereof exceeds a predetermined voltage level and a temperature sensitive device having a reversible current ON/OFF function according to a temperature. The temperature sensitive device is coupled with the voltage sensitive heating device such that the temperature sensitive device detects the heat generated from the voltage sensitive heating device.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2420/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A FLUID DISPENSING DEVICE.

(51) International classification :A61M 15/08,B05B11/00
(31) Priority Document No :0405477.1
(32) Priority Date :11/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000944
Filing Date :10/03/2005
(87) International Publication No :WO 2005/087615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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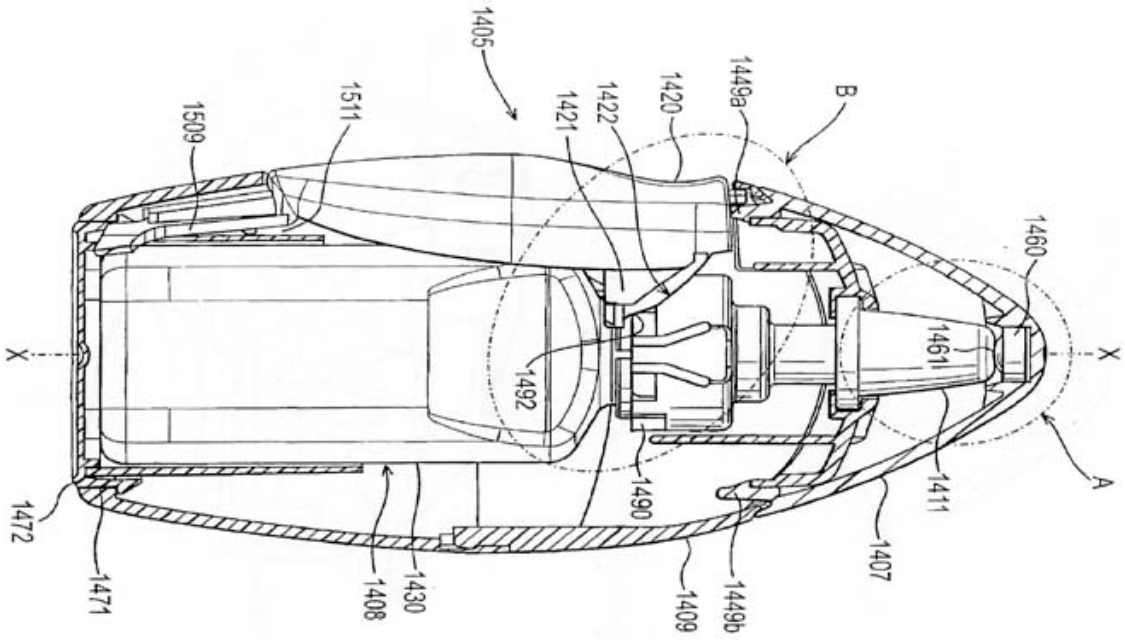
4)GODFREY JAMES WILLIAM
5)HEDLEY MARK GRAHAM
6)TANSLEY ROBERT WILLIAM

No of Pages : 40
No of Claims : 53

(57) Abstract :
The present invention relates to a fluid dispensing device (1405) for dispensing a fluid product having a dispensing outlet (1411) from which the fluid product is dispensable, a supply of the fluid product, a dispensing member (1430) mounted for movement in a dispensing direction along an axis X-X from a first position to a second position which causes a dose of the fluid product in the supply to be dispensed from the dispensing outlet, and a finger-operable actuator member (1420) mounted for movement in an actuating direction which is generally transverse to the axis. The actuator member has at least one cam surface (1422) and the dispensing member has at least one cam follower surface (1492). The at least one cam surface has a commitment section (1423a), oriented at a first angle to the axis, and an adjacent drive section (1423b), which is oriented at a second angle to the axis which is greater than the first angle.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2421/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PRODUCING 1,5-DIPHENYLPYRAZOLE CARBOXYLIC ACID DERIVATIVES.

(51) International classification	:C07D 231/16	(71)**Name of Applicant :**
(31) Priority Document No	:04/05,057	**1)AVENTIS PHARMA S.A.**
(32) Priority Date	:10/05/2004	Address of Applicant :20 AVENUE RAYMOND ARON FR-92160 ANTONY France
(33) Name of priority country	:France	
(86) International Application No	:PCT/FR2005/001155	(72)**Name of Inventor :**
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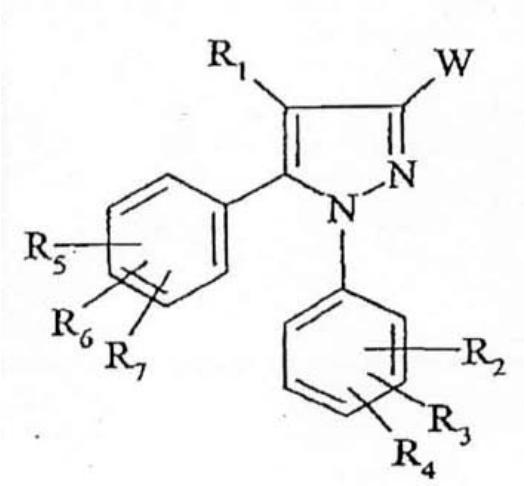
(87) International Publication No	:WO 2005/115989	**2)VAYRON PHILIPPE**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30
No of Claims : 17

(57) Abstract :
The invention relates a method for producing a compound of formula (I), wherein W is a -COOR group or CN radical, R1 is a hydrogen or halogen atom or a (Cl -C4)alkyl group, R3, R4, R5, R6, R7 represent independently of each other a hydrogen or halogen atom or a (Cl -C4)alkyl, (C1-C4)alkoxy or trifluoromethyl group and R is a (C1-C4)alkyl or benzyl group.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2422/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING POLYMERS.

(51) International classification	:B01J 8/24 ,B01J 8/44
(31) Priority Document No	:04396018.6
(32) Priority Date	:15/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/FI2005/000153 :15/03/2005
(87) International Publication No	:WO2005/087361 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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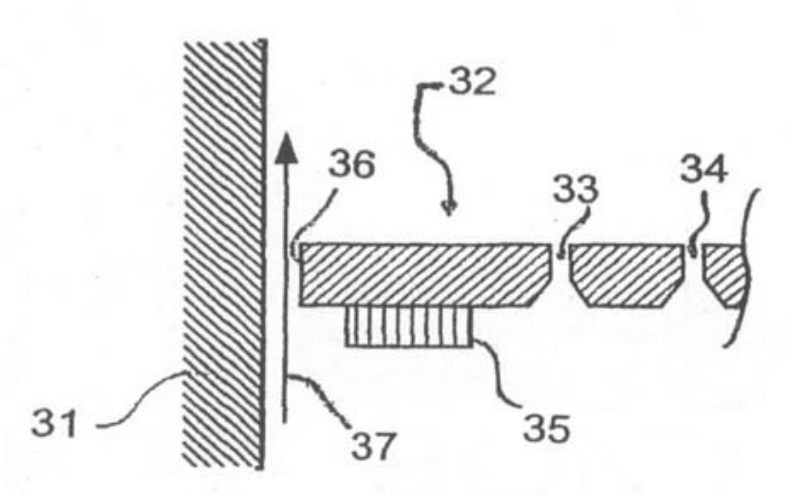
2)KARVINEN SAMI

No of Pages : 20
No of Claims : 12

(57) Abstract :
Method and apparatus of producing polymers in a gas phase polymerization reactor, which has an elongated reactor body, and an essentially vertically disposed central axis". The reactor comprises an upper part and a lower part, which are separated by a distribution plate, which promotes distribution into the fluidized bed of monomers flowing from the lower part into the upper part According to the invention, at least a part of the gas stream fed into the lower part of the reactor is conducted along the inside of the reactor walls past the distribution plate to prevent the formation of stagnant zones in the fluidized bed at the reactor walls in the vicinity of the distribution plate.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2423/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STEEL SHEET FOR FUEL TANK AND METHOD FOR MANUFACTURING THE SAME.

(51) International classification :B32B 1/02
(31) Priority Document No :2004/067724
(32) Priority Date :10/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP05/004034
Filing Date :02/03/2005
(87) International Publication No :WO 2005/087981
(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)TAKESHI OGAWA

No of Pages : 23
No of Claims : 3

(57) Abstract :
A steel sheet for a fuel tank, which has an electrolytic Zn-Ni alloy plating layer containing 5 to 30 mass % of nickel and being plated at least one surface of the sheet in an amount of 1 to 40 g/m, and a chromate coating film formed on the electrolytic Zn-Ni alloy plating layer, and exhibits a performance capability that after the steel sheet is immersed in a boiling water for 30 minutes, the change of the amount of Cr attached in the chromate coating film is 2 % or less. The above steel sheet exhibits excellent corrosion resistance for a fuel such as gasoline, alcohol, or an alcohol-mixed gasoline for a long period of time, and thus is suitable for a gasoline tank of an automobile, an automatic bicycle or the like.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2424/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COATING FOR METAL SURFACES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS A SELF-CLEANING PROTECTIVE LAYER,PARTICULARLY FOR THE RIMS OF AUTOMOBILES.

(51) International classification :C09D 183/04
(31) Priority Document No :10/2004 011 213.4
(32) Priority Date :04/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/001828
Filing Date :22/02/2005
(87) International Publication No :WO 2005/085375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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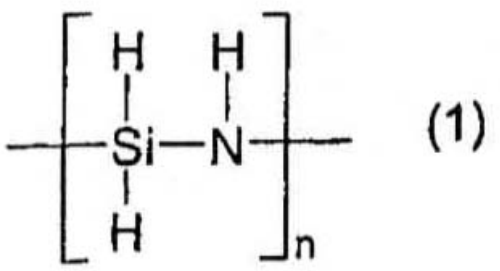
3)HUBERT LIEBE
4)DR ANDREAS WACKER

No of Pages : 19
No of Claims : 11

(57) Abstract :
A coating for metal surfaces, consisting of a.) optionally, a scratch-resistant perhydropolysilazane base coat and b.) an upper protective layer containing at least one perhydropolysilazane of formula (1) and photocatalytic titanium dioxide (I), wherein n is a whole number and n is dimensioned in such a way that the perhydropolysilazane has a number average molecular weight of 150 -150.000 g/mol. Preferably, the thickness of the protective layer is at least 1 micrometre, more preferably 2 - 20 micrometres. The invention also relates to a method for the production of the coating, in addition to the use thereof as a self-cleaning protective layer, particularly for the rims of automobiles.



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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2425/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CASTING MOLD FOR ENGINE BLOCK.

(51) International classification :B22C9/02 ,B22C9/22
(31) Priority Document No :10/783,405
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/002014
Filing Date :21/01/2005
(87) International Publication No :WO 2005/081759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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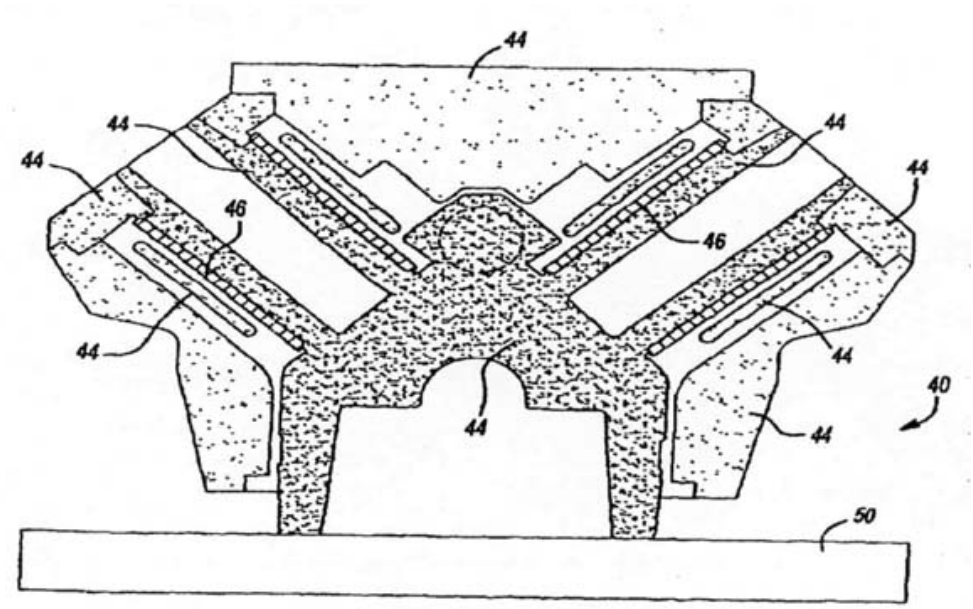
2)MEYER , MAURICE G.

No of Pages : 22
No of Claims : 26

(57) Abstract :
A casting mold for an engine block and method for manufacturing the casting mold. In one embodiment, the casting mold includes a mold seat with a double-curved surface, and a cast-in cylinder liner. The cylinder liner has an axis and an end surface. The end surface is in tangential contact with the double curved surface in a seated position prior to any thermal expansion of the cylinder liner. In various embodiments, the cylinder liner becomes slightly unseated upon thermal expansion.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2006

(21) Application No.2426/KOLNP/2006 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : METABOLIC MONITORING, METHOD AND APPARATUS FOR INDICATING A HEALTH-RELATED CONDITION OF A SUBJECT.

(51) International classification	:A61B5/00; G06F19/00;
(31) Priority Document No	:0400456-0
(32) Priority Date	:26/02/2004
(33) Name of priority country	:Sweden
(86) International Application No	:CPT/EP2005/002006
Filing Date	:25/02/2005
(87) International Publication No	:WO 2005/082233
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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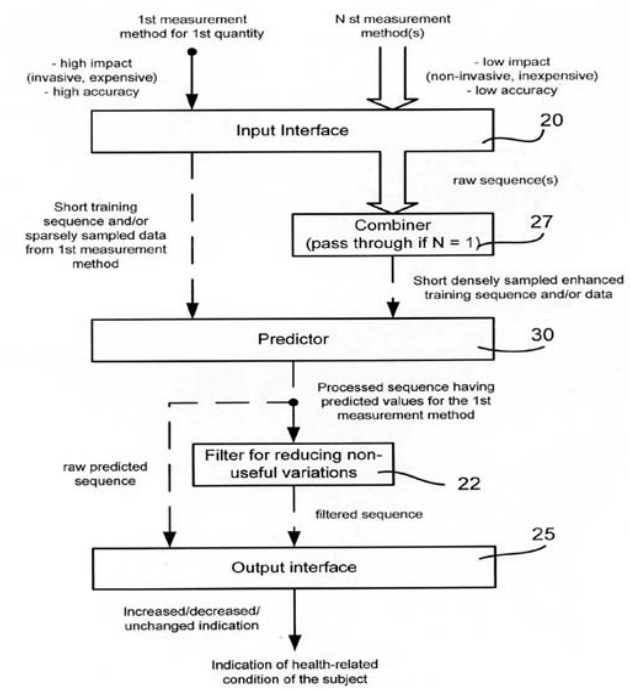
2)MAGNUSSON,ULF FREDERIK

No of Pages : 37

No of Claims : 22

(57) Abstract :
An apparatus for indicating a health-related condition of a subject has in input interface (20) for receiving a sequence of samples of a first biological quantity derived by a first measurement method, the first measurement method being an invasive measurement and having a first impact on the subject, and for receiving a sequence of samples of a second biological quantity derived by a second measurement method, the second measurement method being a non-invasive measurement and having a second impact on the subject, wherein the first biological quantity gives a more accurate indication of the health-related condition of the subject than the second biological quantity, wherein the first biological quantity and the second biological quantity have a correlation to the health-related condition of the subject, and wherein the second impact is smaller than the first impact, a predictor (30) for providing, for a certain time, for which no sample for the first biological quantity exists, an estimated value of the first biological quantity using samples for the first biological quantity and, as far as available, samples for the second quantity; and an output interface (25) for outputting the estimated value or data derived from the estimated value so that an for outputting the estimated value or data derived from the estimated value so that an indication for the health-related condition of the subject is obtained.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2427/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BELT TYPE CONTINUOUS VARIABLE TRANSMISSION, POWER UNIT HAVING BELT TYPE CONTINUOUS VARIABLE TRANSMISSION, VEHICLE MOUNTING THEREON THE BELT TYPE CONTINUOUS VARIABLE TRANSMISSION, AND SHEAVE FOR CONTINUOUS VARIABLE TRANSMISSION

(51) International classification :F16H 9/18
(31) Priority Document No :2004-077826
(32) Priority Date :18/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003727
Filing Date :04/03/2005
(87) International Publication No :WO 2005/090828
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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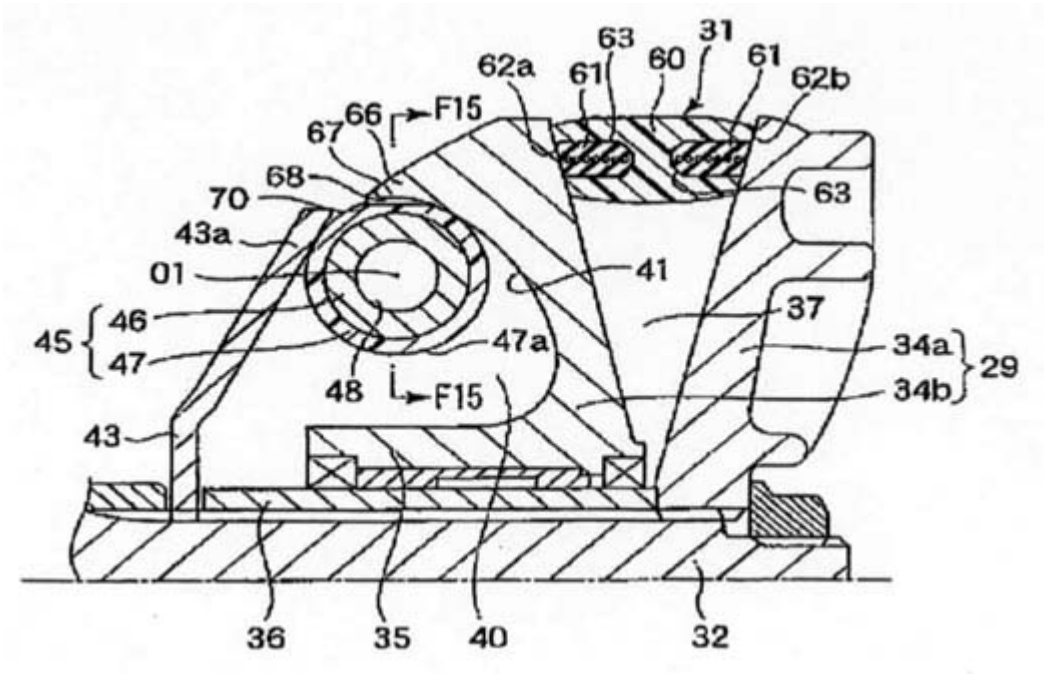
(72)**Name of Inventor :**
1)YOUSUKE ISHIDA

No of Pages : 57
No of Claims : 25

(57) Abstract :
A belt type continuously variable transmission (15), comprising a primary sheave (29), a secondary sheave (30), and a belt (31). The primary sheave (29) further comprises a first sheave body (34a), a second sheave body (34b) forming, between the clearance thereof from the first sheave body (34a), a belt groove (37) for wrapping around the belt (31) therein, a plurality of pressing bodies (45) varying the width of the belt groove (37) by sliding the second sheave body (34b) according to a centrifugal force, and a plurality of stoppers (66) limiting the movement of the pressing bodies (45) by coming into contact with the outer surfaces (47a) of the pressing bodies (45) when the second sheave body (34b) reaches a least reduction gear ratio position where the width of the belt groove (37) is narrowest. The stoppers (66) are formed in such a shape that promotes the wear of a part of the outer surfaces (47a) of the pressing bodies (45).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006
(21) Application No.2428/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CLIMBING AID FOR LADDERS.

(51) International classification :E06C7/12,E06C7/18
(31) Priority Document No :20200400411.70
(32) Priority Date :15/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001699
Filing Date :18/02/2005
(87) International Publication No :WO2005/095750 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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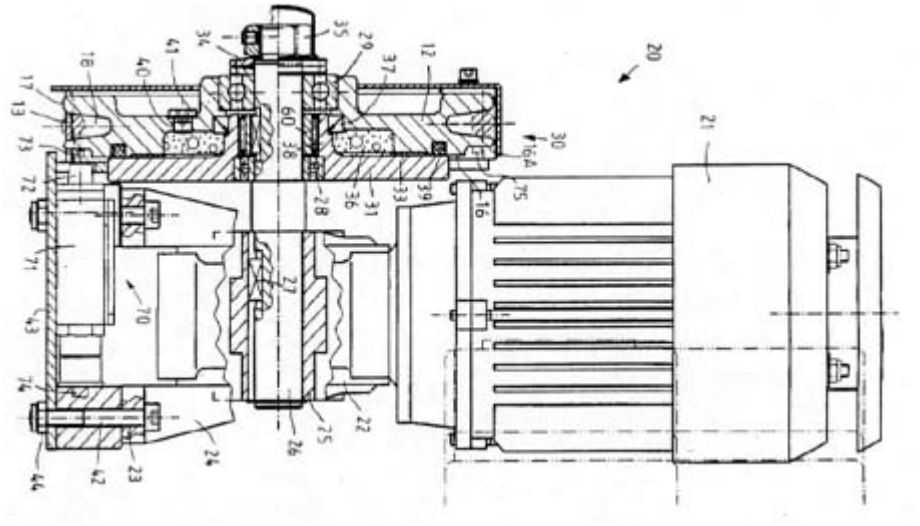
(72)**Name of Inventor :**
1)BLASEK,FRANK

No of Pages : 17
No of Claims : 22

(57) Abstract :
The invention relates to a climbing aid for ladders or similar, comprising an endless drive means running between return pulleys, from which a person may optionally hang by means of a suspension device, with a drive device (20) comprising a drive motor (21), by means of which one of the return pulleys may be driven as driving pulley (12) for the drive means (13). The above comprises a drive force limitation device and a device for switching on/off the drive device, which may be operated by means of the endless drive means (13). According to the invention, the drive force limitation device comprises a slip clutch (30), arranged between the drive pulley (12) and the drive motor (21), with torque limitation and the device for switching on and off the drive device comprises sensor means (70), by means of which a movement of the drive means (13) may be detected. The sensor means (70) are embodied such that a detection of a sensor impulse switches on the drive motor (21) and a lack of sensor impulse over a period of time switches off the drive motor (21)off.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2429/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUBMARINE FUEL CELL DEVICE, ESPECIALLY FOR A RETROFITTABLE SEGMENT OF A SUBMARINE.

(51) International classification :B63G 8/08
(31) Priority Document No :102004004624.7
(32) Priority Date :29/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/050222
Filing Date :19/01/2005
(87) International Publication No :WO 2005/073076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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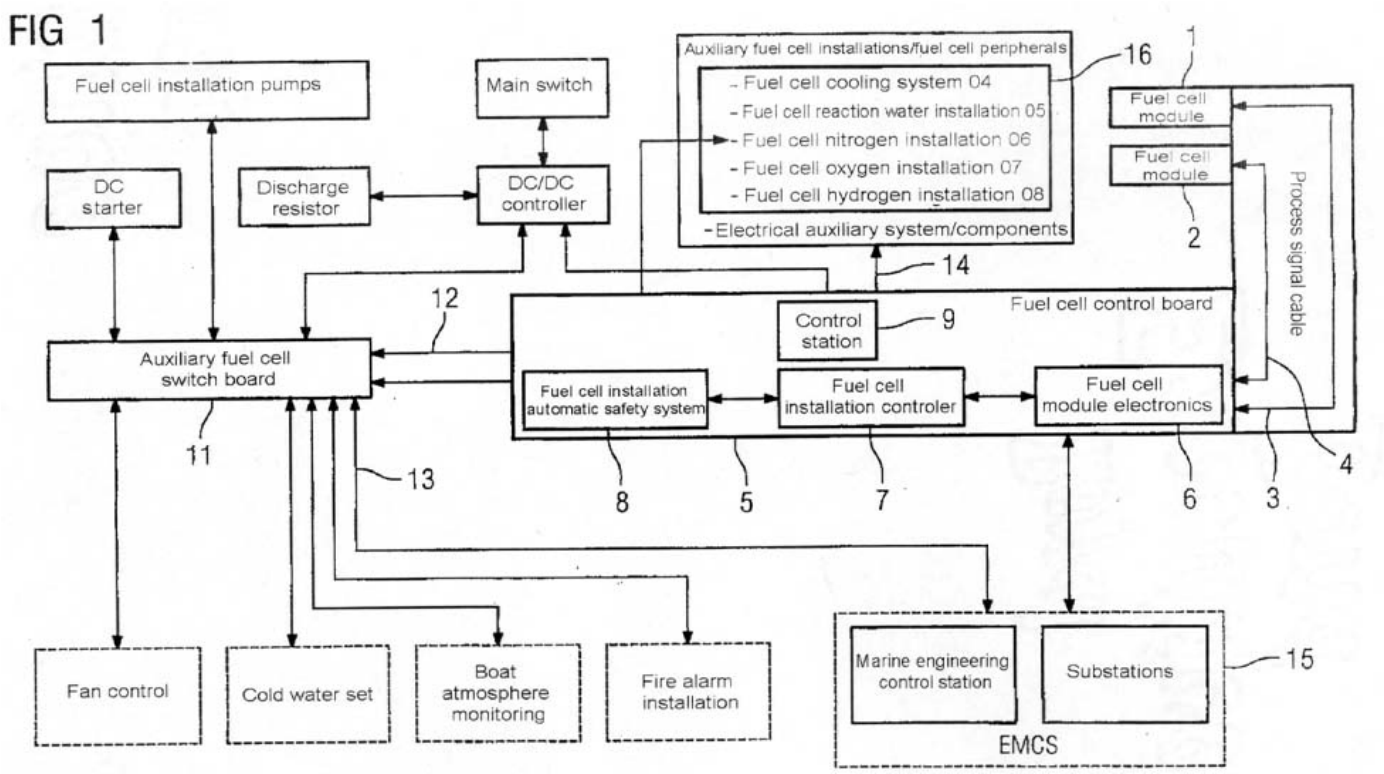
3)ALBERT HAMMERSCHMIDT
4)SONKE KLEINE
5)JOSEF LERSCH
6)ARMIN QUANTE

No of Pages : 25
No of Claims : 14

(57) Abstract :
The invention relates to a submarine fuel cell device comprising H2-0j foe) ceils with a modular structure (1,2), in a submarine comprising at least one electric propeller motor, a set of batteries, a chaise jonenHor Â«Â«Â«priÂ»ng a drive, a conductor rail system, and switching and automation devices. Said fuel cell device comprises a control panel {5} dial is preferably ammged in the same segment of the submarine as the fuel cell devkc, and the conUoipaiKl is completed by at least one fud cell

FIG 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2430/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HINGE ACTUATOR AND METHOD FOR ADJUSTING TWO PARTS OF A HINGE ACTUATOR RELATIVE TO EACH OTHER.

(51) International classification :B60R 1/074
(31) Priority Document No :1025434
(32) Priority Date :06/02/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2005/000080
Filing Date :04/02/2005
(87) International Publication No :WO 2005/075249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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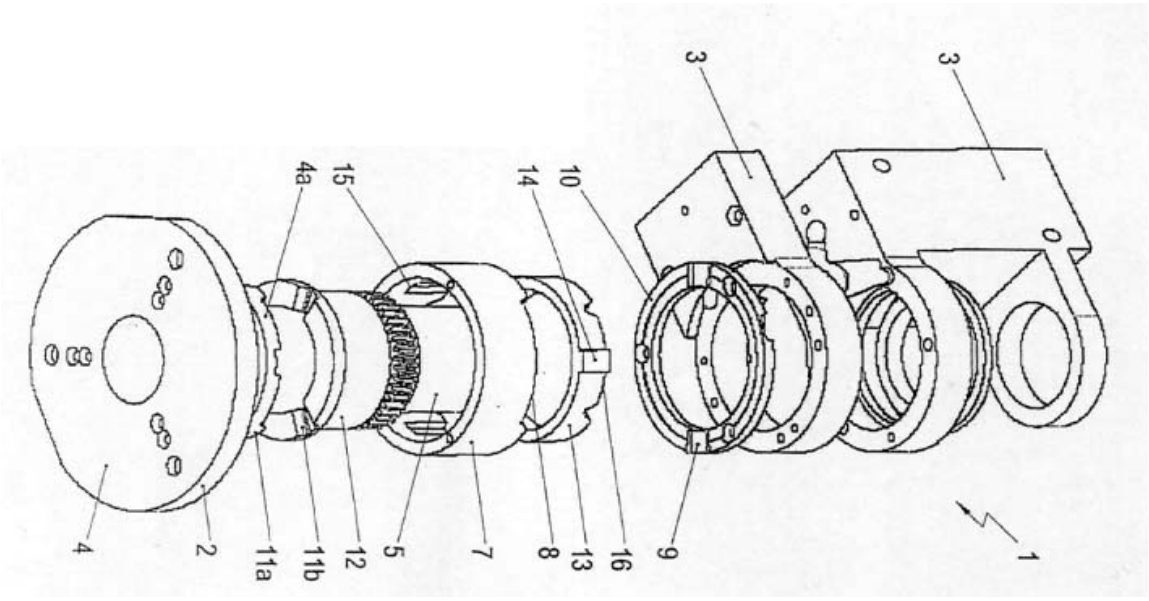
4)VAN SLAGMAAT, ERIC GERARDUS PAULUS
5)VAN STIPHOUT, PAULUS GERARDUS MARIA

No of Pages : 20
No of Claims : 20

(57) Abstract :
The invention relates to a hinge actuator comprising a first part which is connected with a second part via an electric drive, wherein the first and the second part are provided with stops cooperating in a pivoting direction for defining a predetermined position of the actuator parts with respect to each other. In a first position of a coupling between the first part and the second part, these parts can pivot via the electric drive. In a second position, the first part and the second part are not connected via the drive but can be pivoted relative to each other manually. Furthermore, the first and the second part are furthermore provided with stops only cooperating in the second position of the coupling in an opposite pivoting direction, for defining the predetermined position.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2006

(21) Application No.2431/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANIONIC-SWEETENER-BASED IONIC LIQUIDS METHODS OF USE THEREOF

(51) International classification	:C07D277/60
(31) Priority Document No	:60/539,870
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/002570
Filing Date	:26/01/2005
(87) International Publication No	:WO 2005/072376
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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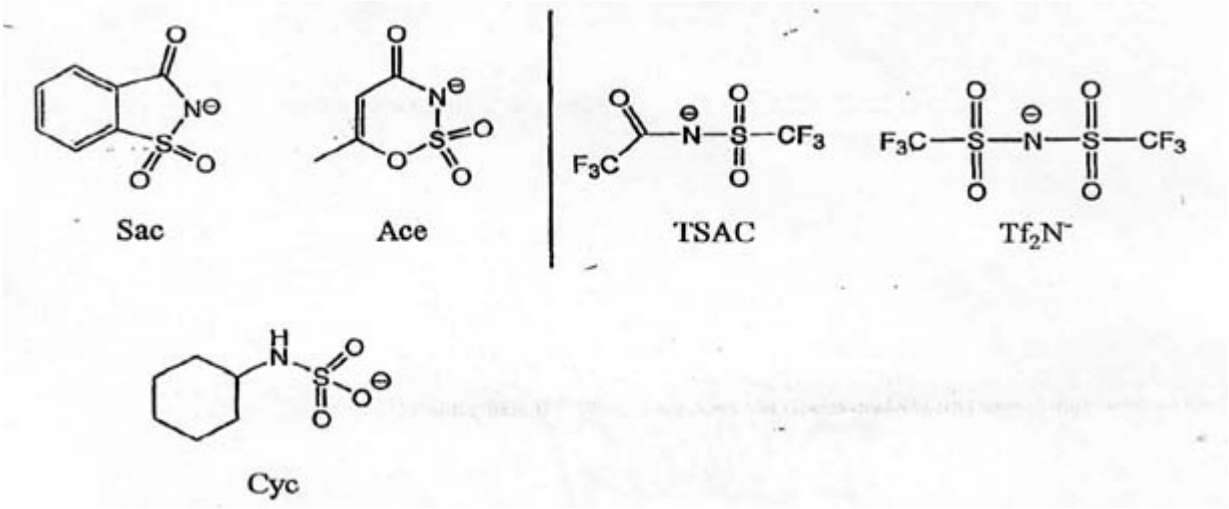
No of Pages : 157
No of Claims : 243

(57) Abstract :
One aspect of the present invention relates to ionic liquids comprising an anionic sweetener. Another aspect of the present invention relates lo the use of an ionic liquid of the present invention comprising a pendant Bronsted-acidic group to catalyze a Bronstedacid-catalyzed chemical reaction. A third aspect of the present invention relates to ionic liquids of the present invention comprising a pendant nucleopInlic group, e.g., an amine. Still another aspect of the present invention relates to the use of an ionic liquid of the present invention comprising a pendant nucleopInlic group to catalyze a nucleopInle assisted chemical reaction. A fifth aspect of the present invention relates to the use of an ionic liquid of the present invention comprising a pendant nucleopInlic group to remove a gaseous impurity, e.g., carbon dioxide, from a gas, e.g., sour natural gas. A sixth aspect of the present invention relates to heat storage media comprising an ionic liquid of the present invention.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2432/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHODS AND COMPOSITIO0NS FOR THE TREATMENT OF INFLAMMATION

(51) International classification :A61K 31/426
(31) Priority Document No :60/543,145
(32) Priority Date :10/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004113
Filing Date :10/02/2005
(87) International Publication No :WO 2005/077056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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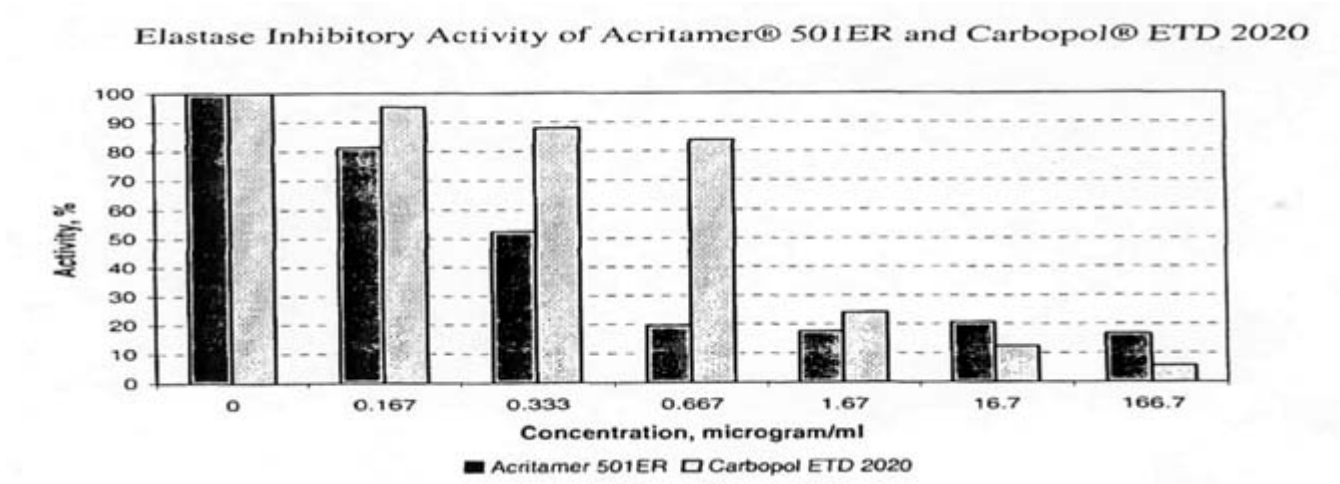
1)MICHAEL M. KOGANOV

No of Pages : 33
No of Claims : 8

(57) Abstract :
The present invention comprises methods and compositions for the treatment and prevention of inflammatory conditions. The compositions comprise polymers and copolymers that are effective in modulating the activity of enzymes associated with inflammatory conditions. The methods comprise administration of effective amounts of such compositions to treat or prevent inflammatory conditions to sites of inflammation or potential inflammation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2433/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ULTRASONIC SURGICAL SHEARS AND TISSUE PAD FOR SAME

(51) International classification :A61B17/32; A61B17/32
(31) Priority Document No :60/548,301
(32) Priority Date :27/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006272
Filing Date :25/02/2005
(87) International Publication No :WO2005/084250 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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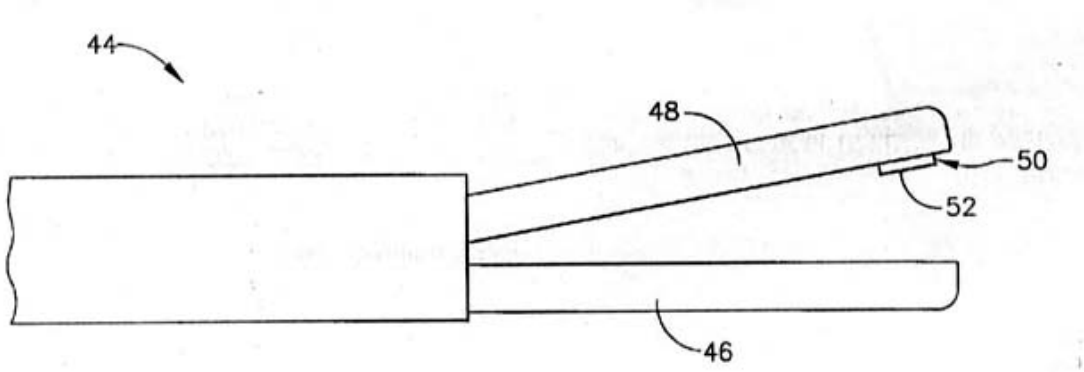
2)Sarah A.Noschang
3)Steven Neuenfeldt
4)Craig N.Faller
5)Jaffrey J.Vaitekunas

No of Pages : 18
No of Claims : 22

(57) Abstract :
An ultrasonic-surgical-shears tissue pad has a tissue-pad body including a base material and at least one filler material. An alternate ultrasonic-surgical-shears tissue pad has a tissue-pad body having adjoining first and second regions, wherein the first region includes a first material and wherein the second region includes a second material. An ultrasonic surgical shears includes an ultrasonic surgical blade and a clamping arm which is operable to open and close toward the blade and which has a transversely and resiliently flexible distal tip. An alternate ultrasonic surgical shears includes an ultrasonic surgical blade, a clamping arm operable to open and close toward the blade, and a tissue pad attached to the clamping arm and having a clamping surface, wherein at least a portion of the tissue pad is resiliently flexible in a direction substantially perpendicular to the clamping surface.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2434/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ULTRASONIC SURGICAL BLADE HAVING TRANSVERSE AND LONGITUDINAL VIBRATION

(51) International classification	:A61B17/22; A61B17/32
(31) Priority Document No	:60/548,337
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006395
Filing Date	:25/02/2005
(87) International Publication No	:WO2005/084264 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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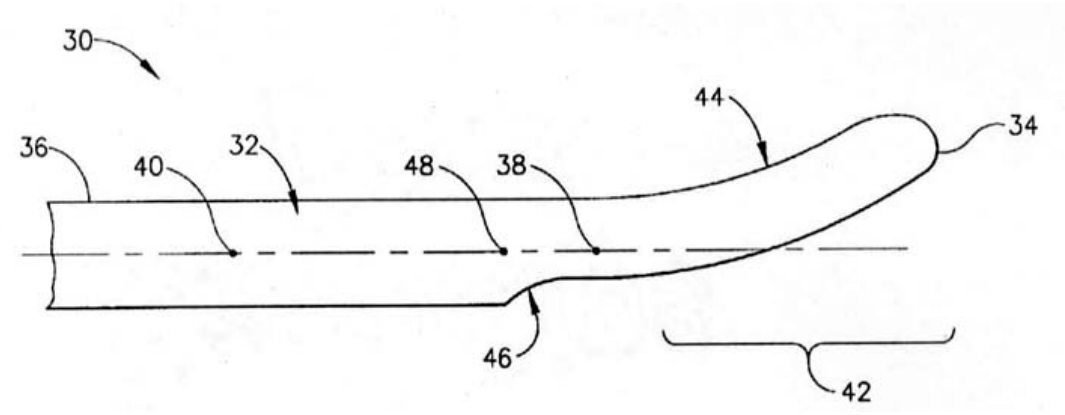
3)Jean M. Beaupre

No of Pages : 20
No of Claims : 22

(57) Abstract :
An ultrasonic surgical blade includes an ultrasonic-surgical-blade body having a longitudinal axis, a distal tip, a proximal end adapted for longitudinal ultrasonic vibrational excitation, a most-distal longitudinal vibration node, a treatment portion extending from the distal tip toward the most-distal longitudinal vibration node, and a functional asymmetry. The functional asymmetry is asymmetric about the longitudinal axis and translates longitudinal ultrasonic vibrational movement of the proximal end into a combination of a longitudinal ultrasonic vibration and a transverse ultrasonic vibration in at least some of the treatment portion of the ultrasonic-surgical-blade body. An amplitude of the transverse ultrasonic vibration at the distal tip is less than substantially ten percent of a maximum amplitude of the transverse ultrasonic vibration of the treatment portion of the ultrasonic-surgical-blade body. An alternate embodiment of the ultrasonic surgical blade includes at least one functional asymmetry and at least one balance asymmetry.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2435/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPACT STEAM REFORMER

(51) International classification :B01J 8/04,C01B3/38
(31) Priority Document No :10 2004 010 910.9
(32) Priority Date :06/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002194
Filing Date :02/03/2005
(87) International Publication No :WO 2005/084771
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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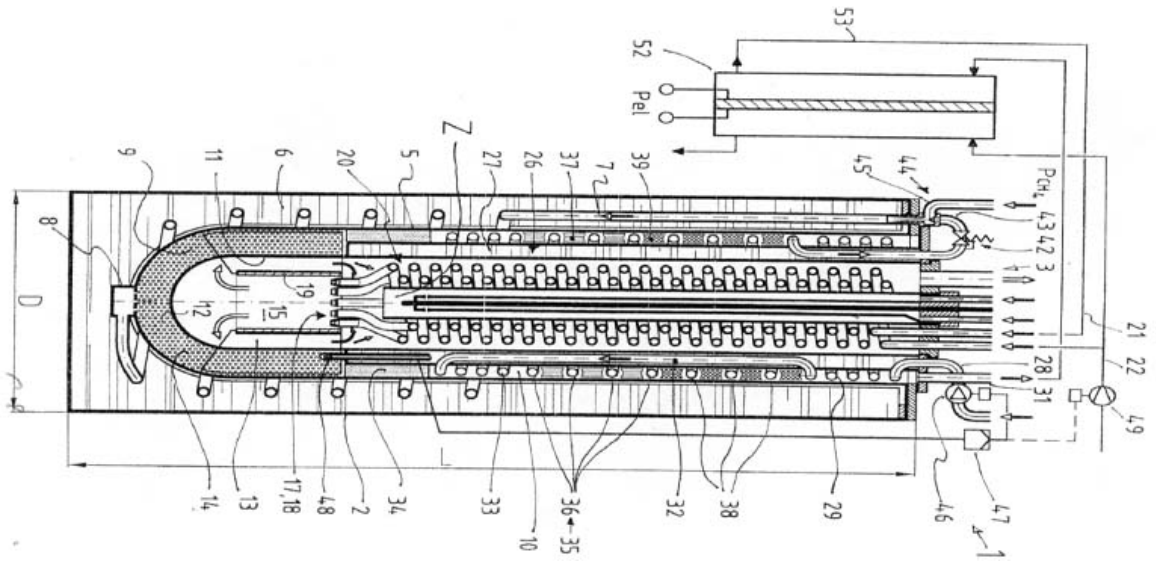
1)WUENNING JOACHIM A.

No of Pages : 15
No of Claims : 19

(57) Abstract :
The novel compact steam reformer (1) combines in one device the steam reformation of natural gas or other fuel, including subsequent cleaning of CO.Controlled catalytic CO cleaning is achieved by careful temperature control at the follow-up reactor (37, 39, 39a).Temperature control is made possible by means of pressure-controlled operation of the evaporator (24).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2436/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CENTRIFUGAL CLUTCH WITH INPROVED WEAR LIFE AND DISENGAGEMENT CHARACTERISTICS

(51) International classification	:F16D43/10; F16D43/00
(31) Priority Document No	:10/797,960
(32) Priority Date	:11/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/1B05/000602
Filing Date	:10/03/2005
(87) International Publication No	:WO 2005/088149
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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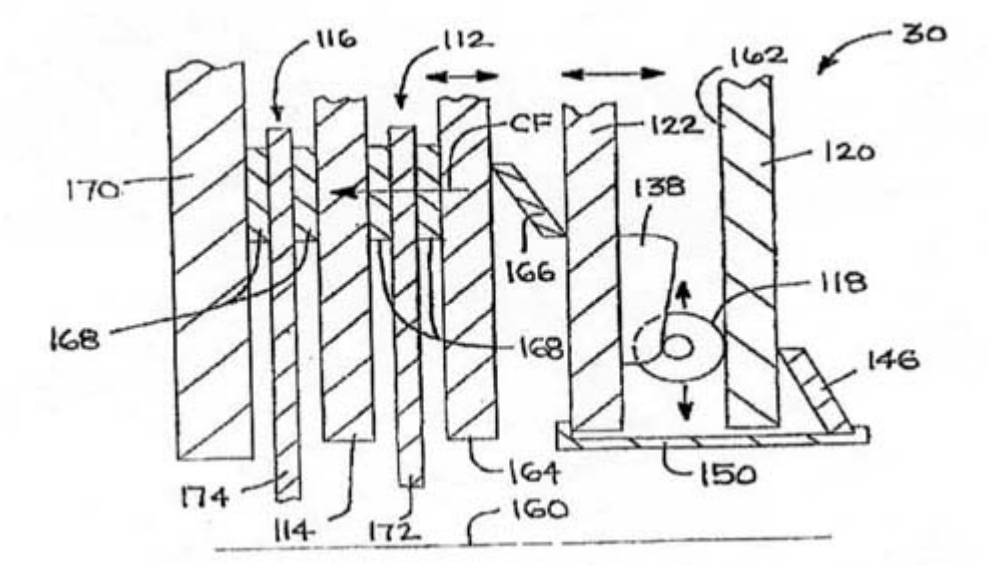
2)SCHENKEL JOHN A

No of Pages : 28
No of Claims : 48

(57) Abstract :
A centrifugal clutch assembly is provided that includes a cover module (110) having a pressure plate (86, 164) for applying a clamping force against a friction plate (56, 60), a moveable plate (122) adapted to rotate with the cover module (110), but axially displaceable with respect thereto apply an axial force on the pressure plate (86, 164) through a preloaded plate spring (166), a fixed plate (120) secured for rotation with the cover module (110), and a plurality of weights (118) positioned between the moveable plate (122) and the fixed plate (120) that are adapted to move outward under the effects of centrifugal force to cause axial movement in the moveable plate (122) and a clamping force on the friction plate (56, 60). The cover module (110) also includes at least one return spring (146) configured to apply a return force on the weights (118) through the moveable plate (122), the return force being generally parallel to the axis of rotation of the cover module (110) and independent of weight position.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2437/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INSTALLATION AND METHOD FOR PRODUCING PRECAST CONCRETE PARTS

(51) International classification	:B28B 15/00,B28C 9/04
(31) Priority Document No	:102004015422.8
(32) Priority Date	:26/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/002657
Filing Date	:12/03/2005
(87) International Publication No	:WO2005/092584 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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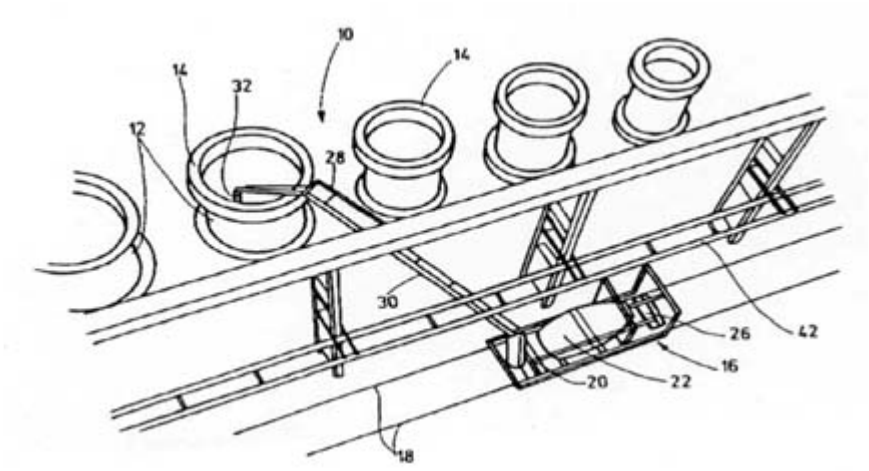
(72)**Name of Inventor :**
1)SCHURAN,MAX

No of Pages : 15
No of Claims : 15

(57) Abstract :
The invention relates to an installation and method for producing precast concrete parts during which liquid concrete is delivered from a stationary supply tank or mixing tank to a mold (12) into which the concrete is poured. The installation comprises a delivery unit (20), which can travel on a provided running path (18) and which carries a traveling concrete mixer (22), a concrete pump (26) and a delivery line (28) that discharges into the mold (12). The delivery line is guided via a concrete distributing boom (30) and discharges into a downpipe (32), which is mounted on the boom tip and can be introduced into the mold (12). The liquid concrete can be introduced under the surface of the actual level of liquid concrete inside the mold via the downpipe. In addition, the downpipe (32) can be automatically raised as the level of liquid concrete inside the mold (12) rises.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2438/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : MATERIAL FEED CONTAINER FOR A THICKMATTER PUMP

(51) International classification	:F04B 15/02,F04B39/12
(31) Priority Document No	:102004015181.4
(32) Priority Date	:25/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/014412
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/095797
(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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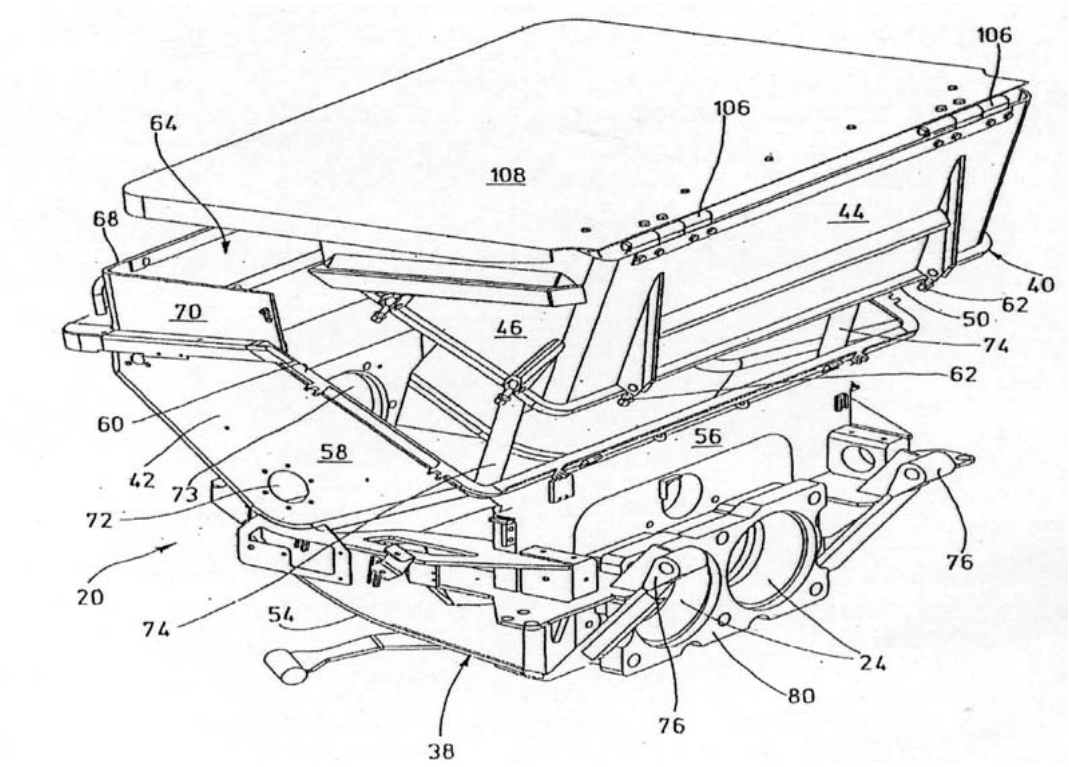
2)HURR,MELMUT
3)FRITZ,MARKUS

No of Pages : 38
No of Claims : 59

(57) Abstract :
The invention relates to a material feed receptacle (20) for a thick matter pump (18) comprising: a receptacle lower part (38) and a receptacle top (40) that is detachably connected to the receptacle lower part (38); a two-part front wall (22); a rear wall (28); two two-part lateral walls (42); an upwardly pointing material feed opening (64) delimited by a peripheral edge (66, 68), and; a pipe junction (34), which is situated inside the receptacle, can, on the entry side, swivel in an alternating manner in front of the delivery cylinder openings (24) and which, on the output side, leads to a pressure pipe (30). The invention provides that the receptacle top (40) has an upper lateral wall part (44) and upper lateral wall parts (46), which have free ends (48) and which extend away from said front wall part. The invention also provides that the peripheral edge (66, 68) has a first edge part (66), which forms an upper edge of the receptacle top (40), and has a second edge part (68) on the receptacle lower part (38), which is situated on the rear wall and is joined to the first edge part (66).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2439/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : THIAZOLE DERIVATIVE

(51) International classification :C07D 417/14
(31) Priority Document No :2004-06231
(32) Priority Date :05/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/003755
Filing Date :04/03/2005
(87) International Publication No :WO2005/085241 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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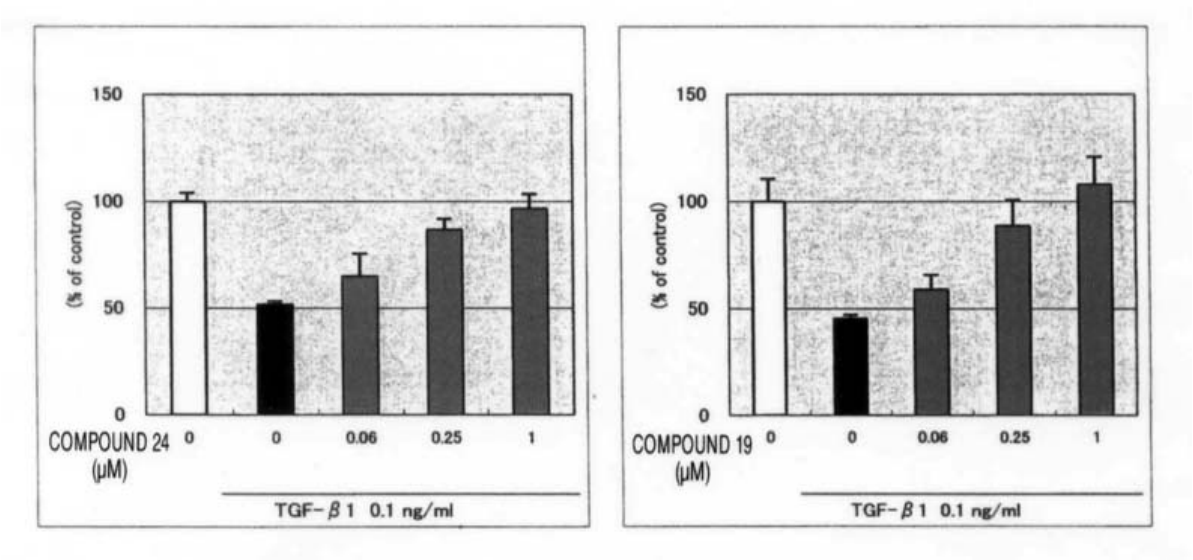
4)Hideaki AMADA
5)Takeshi KOAMI
6)Testo TAKAYAMA
7)Tetsuya YABUUCHI
8)Hironori KATAKAI
9)Hiroki UMEMIYA
10)Akiko IKEDA

No of Pages : 137
No of Claims : 12

(57) Abstract :
A thiazolylimidazole derivative represented by the formula or a pharmaceutically acceptable salt thereof, and an ALK5 inhibitor, an therapeutic agent for alopecia or a hair growth agent having the above as an active ingredient, wherein: X1 and X2 are different from each other and represent a sulfur atom or a carbon atom; R1 represents a phenyl group; a substituted phenyl group; a phenyl group condensed with a hetero aromatic ring; a pyridyl group; or a pyridyl group condensed with a hetero aromatic ring; R2 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, an alkyl group having 1 to 6 carbon atoms substituted with 1 to 5 halogen atoms, an alkoxy group having 1 to 6 carbon atoms, an alkanoyl group having 1 to 5 carbon atoms, or a hydroxyalkyl group having 1 to 6 carbon atoms, A represents a group which is represented by the formula. The present invention provides an inhibitory substance against ALK5 which is a TGF-b type I receptor and provides a hair growth stimulant or a hair growth agent based on its novel activities.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2440/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CLOSURE FOR A CONTAINER THAT HOLDS A FREE-FLOWING PRODUCT

(51) International classification :B65D47/06,B65D 47/08
(31) Priority Document No :102004010845.5
(32) Priority Date :05/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/002315
Filing Date :04/03/2005
(87) International Publication No :WO 2005/085085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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No of Pages : 19
No of Claims : 18

(57) Abstract :
The invention relates to a closure for a container that holds a free-flowing product. Said container is characterised by: a fixed lower part (12), which can be fastened to a container neck that surrounds a container opening in order to seal said neck and a cover (18) comprising a protruding connecting piece (20) that forms a passage (22) for the free-flowing product; a displaceable upper part (14), which can be coaxially displaced on the lower part (12) in and against the direction of the container, between an outer resting position and an inner actuating position; a beaker or dish-shaped diaphragm valve (42), which has a base consisting at least of a flexible elastic material and whose upper edge seals the underside of the upper part (14); perforations in the base of the diaphragm valve (42), which are closed in the resting position of the upper part (14); and a diameter of the base that is greater than the inner cross-section of the connecting piece (20). The outer end of the connecting piece (20) continuously supports the base of the diaphragm valve (42) and the latter (42) continuously pre-tensions the upper part (14) in the direction of its outer resting position, in such a way that when axial pressure is exerted on the upper part (14) in the direction of the container, the diaphragm valve (42) is bent outwards, thus opening the perforations in the base.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2441/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BUSARYLUREA DERIVATIVES

(51) International classification :B01J 23/22
(31) Priority Document No :04002092.7
(32) Priority Date :30/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP05/000387
Filing Date :17/01/2005
(87) International Publication No :WO 2005/075425
(61) Patent of Addition 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)STIEBER,FRANK
4)AMENDT ,CHRISTIANE
5)GRELL,MATTHIAS
6)SIRRENBERG,CHRISTIAN
7)ZENKE,FRANK

No of Pages : 264
No of Claims : 28

(57) Abstract :
The present invention relates to bisarylurea derivatives of formula (I), the use of the compounds of formula (I) as inhibitors of raf-kinase, the use of the compounds of formula (I) for the manufacture of a pharmaceutical composition and a method of treatment, comprising administering said pharmaceutical composition to a patient.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2442/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : HEAT GENERATOR COMPRISING A MAGNETO-CALORIC MATERIAL AND THERMIE GENERATING METHOD

(51) International classification	:F25B21/00;F25B21/00
(31) Priority Document No	:0403300
(32) Priority Date	:30/03/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/ER2005/000741
Filing Date	:29/03/2005
(87) International Publication No	:WO 2005/095872
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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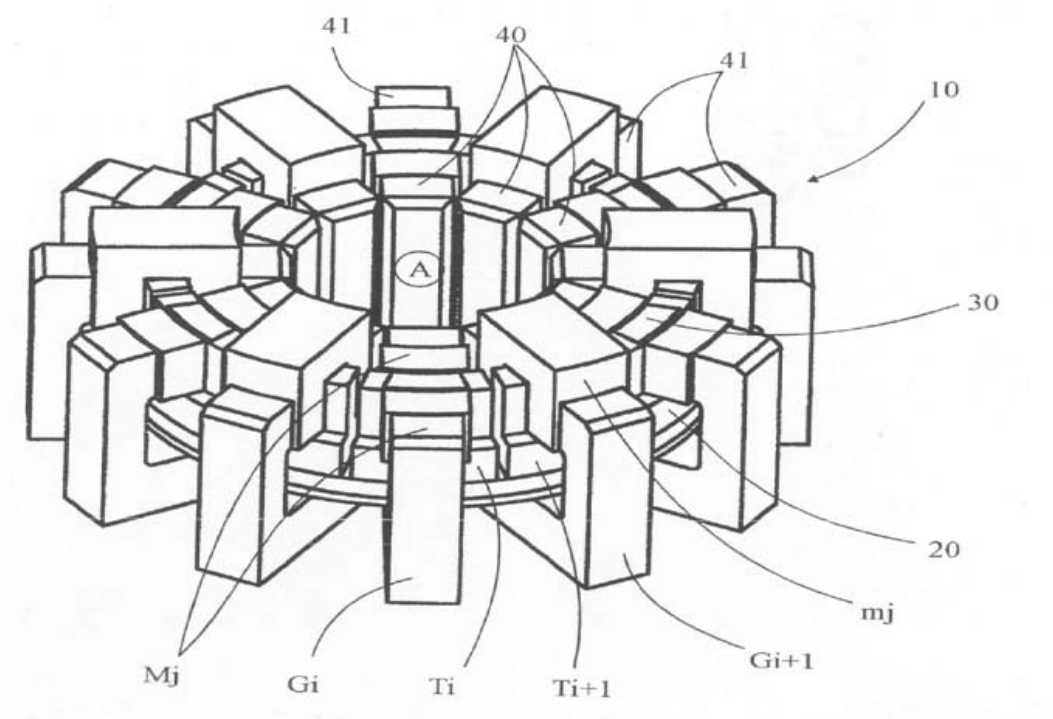
(72)**Name of Inventor :**
1)MULLER CHRISTIAN
2)DUPIN JEAN-LOUIS
3)HEITZLER JEAN-CLAUDE

No of Pages : 34
No of Claims : 28

(57) Abstract :
The invention relates to a heat generator comprising a magneto-caloric material and a method for generating efficient and reliable thermies enabling of substentially limiting displaceable inert masses in order to produce a magnetic field variation required for obtaining a magnetocaloric effect and usable by individuals and/or industries. The inventive generator (10) comprises magnetocaloric thermal elements (Ti) which are circularly arranged and crossed by conduits containing coolant flowing therethrough and magnetic elements (Gi) exposing said thermal elements (Ti) to a magnetic field action. The generator (10) also comprises magnetic convergence (Mj) and magnetic divergence (mj) elements arranged between the thermal elements (Ti) and the magnetic elements (Gi) and coupled to displacement means (not represented) for moving from one thermal element (Ti) to another thermal element (Ti+1) and initiating the magnetic flux variation in said thermal elements (Ti), thereby promoting the calorie and/or frigorie generation. The invention can be used for tempering, cooling, heating, conserving, drying and air-conditioning.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2443/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : LAYERED SURFACE ACOUSTIC WAVE SENSOR

(51) International classification	:G01N 29/00,G01N33/48
(31) Priority Document No	:2004900942
(32) Priority Date	:26/02/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000244
Filing Date	:25/02/2005
(87) International Publication No	:WO 2005/083882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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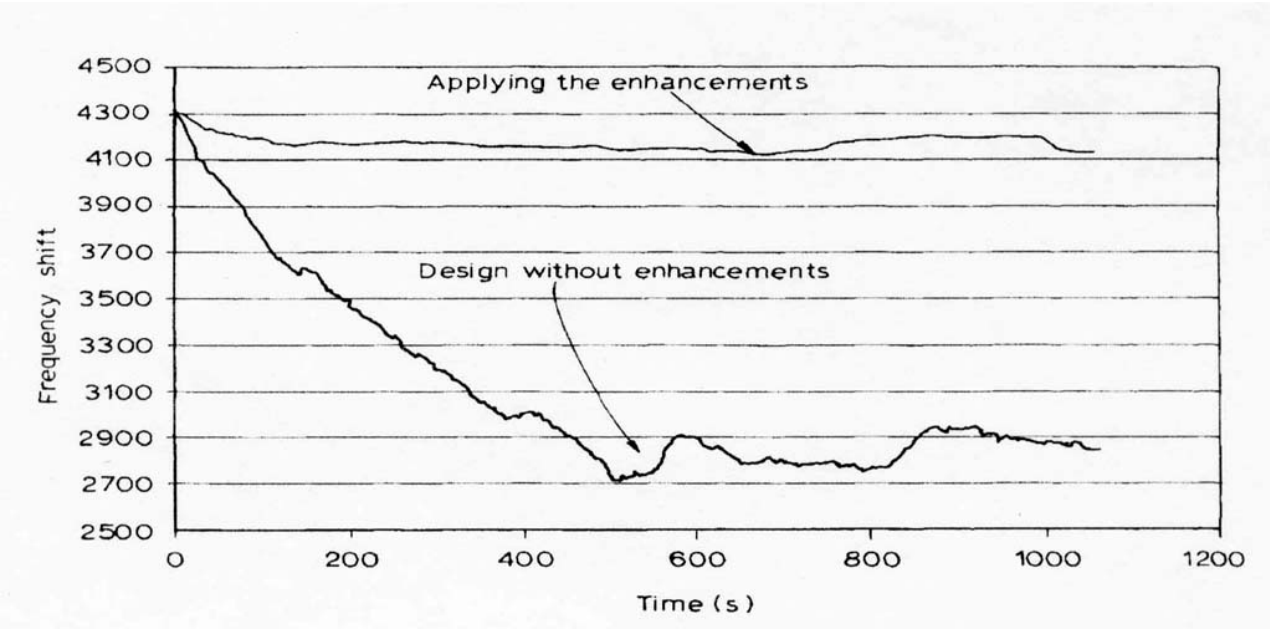
1)KALANTAR-ZADEH, KOUROSH

No of Pages : 28
No of Claims : 7

(57) Abstract :
A surface acoustic wave sensor which incorporates: a) a first layered SAW device consisting of a piezoelectric crystal such as lithium niobate or lithium tantalate with interdigital electrodes on its surface, and second piezoelectric layer such as zinc oxide over said interdigital electrodes b) a second layered SAW device consisting of a piezoelectric crystal with interdigital electrodes on its surface, a second piezoelectric layer over said interdigital electrodes and an analyte sensitive surface such as gold on said second piezoelectric layer c) both saw devices are fabricated on the same substrate d) reflectors are located adjacent the interdigital electrodes in each saw device to reduce the bandwidth of the device e) the resonator circuits of each saw sensor incorporate amplifiers which are dependent.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2444/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A SHUT-OFF VALVE FOR LIQUEFIED GAS CONTAINERS

(51) International classification :F16K15/18,F16K 31/52
(31) Priority Document No :26325
(32) Priority Date :05/03/2004
(33) Name of priority country :MORACCO
(86) International Application No :PCT/ES2005/000096
Filing Date :02/03/2005
(87) International Publication No :WO 2005/085689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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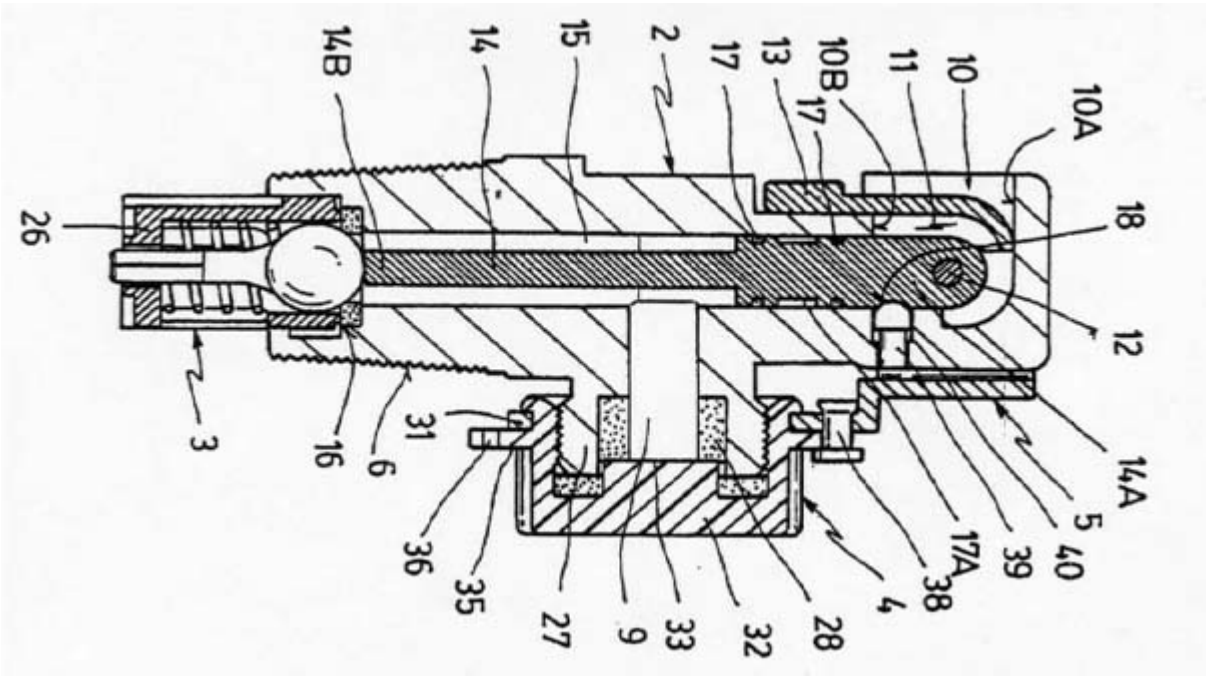
(72)**Name of Inventor :**
1)PLAXATS OLLER SALVADOR

No of Pages : 29
No of Claims : 23

(57) Abstract:
The present shut-off valve is particularly suitable for the case of liquified petroleum gas containers, in the industrial and domestic use, which have an automatically closing check valve, being formed by a support body (2) which, being provided with means for attachment to the mouth (7) of the container (8), associates a check valve (3) with opening and closing means (14) thereof controlled by a desmodromic cam (11) which has an operating lever (13).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2445/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : STAPLER WITH ADAPTER

(51) International classification	:B25C 5/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2004/000224
Filing Date	:20/04/2004
(87) International Publication No	:WO 2005/102613
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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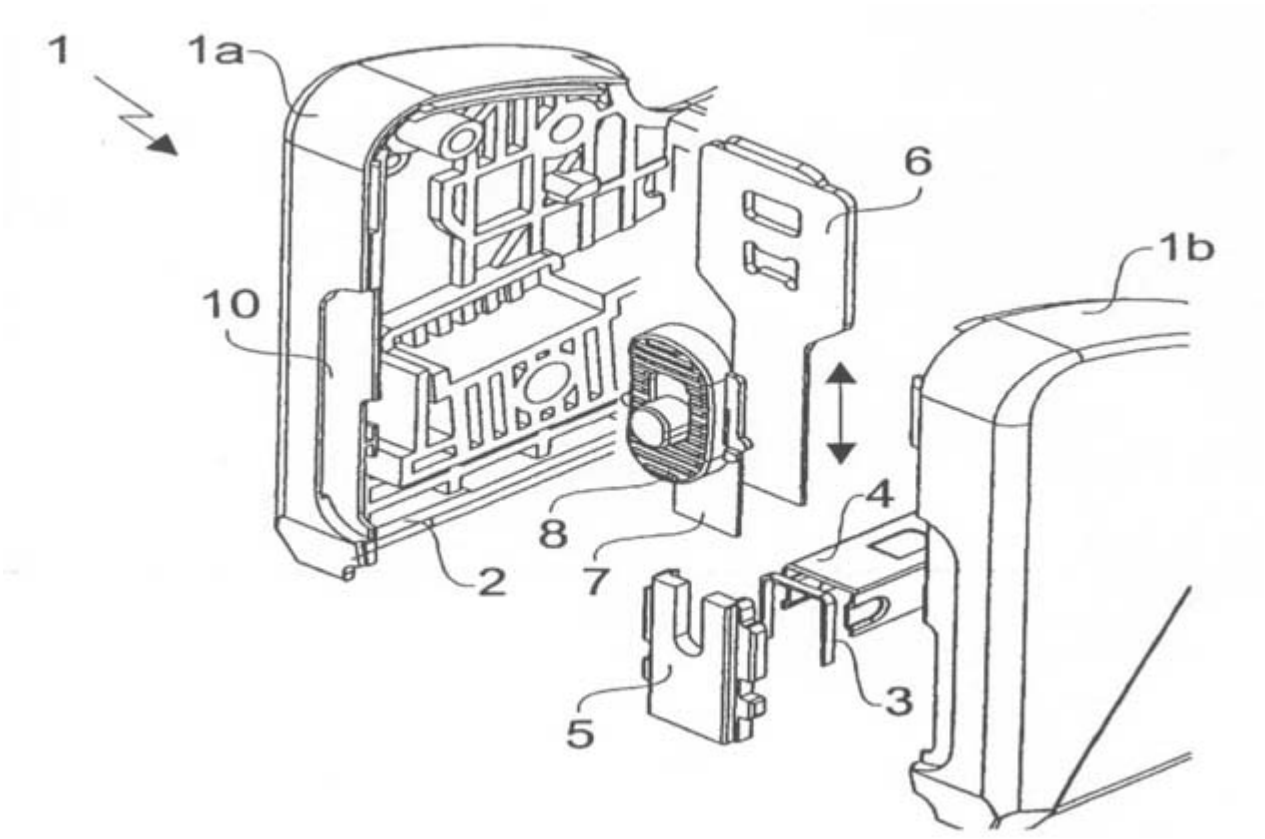
(72)**Name of Inventor :**
1)POZZATO , GIORGIO

No of Pages : 10
No of Claims : 12

(57) Abstract :
Stapler comprising a main body (1) which includes a seat (2) for a row of staples (3,13) and/or nails (12,14) which are urged by a pusher (4) toward an ejection head (5), wherein a striker (6) can run in a direction substantially perpendicular to the feed direction of the row of staples (3, 13) and/or nails (12, 14) in the seat (2) for pushing and ejecting from the ejection head (5) the first staple (3, 13) and/or nail (12, 14) of the row, wherein a mobile plate (7) is mechanically connected to a slider (8) which protrudes outside the main body (1) so that by moving .the slider (8) the mobile plate (7) can slide in the main body (1) for being arranged between the ejection head (5) and the striker (6) when the latter pushes the first staple (3, 13) and/or nail (12, 14).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2446/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD AND AN APPARATUS FOR REQUESTING A SERVICE IN A NETWORK

(51) International classification	:H04M1/247; H04M1/247
(31) Priority Document No	:20040296
(32) Priority Date	:25/02/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000119
Filing Date	:24/03/2005
(87) International Publication No	:WO 2005/081503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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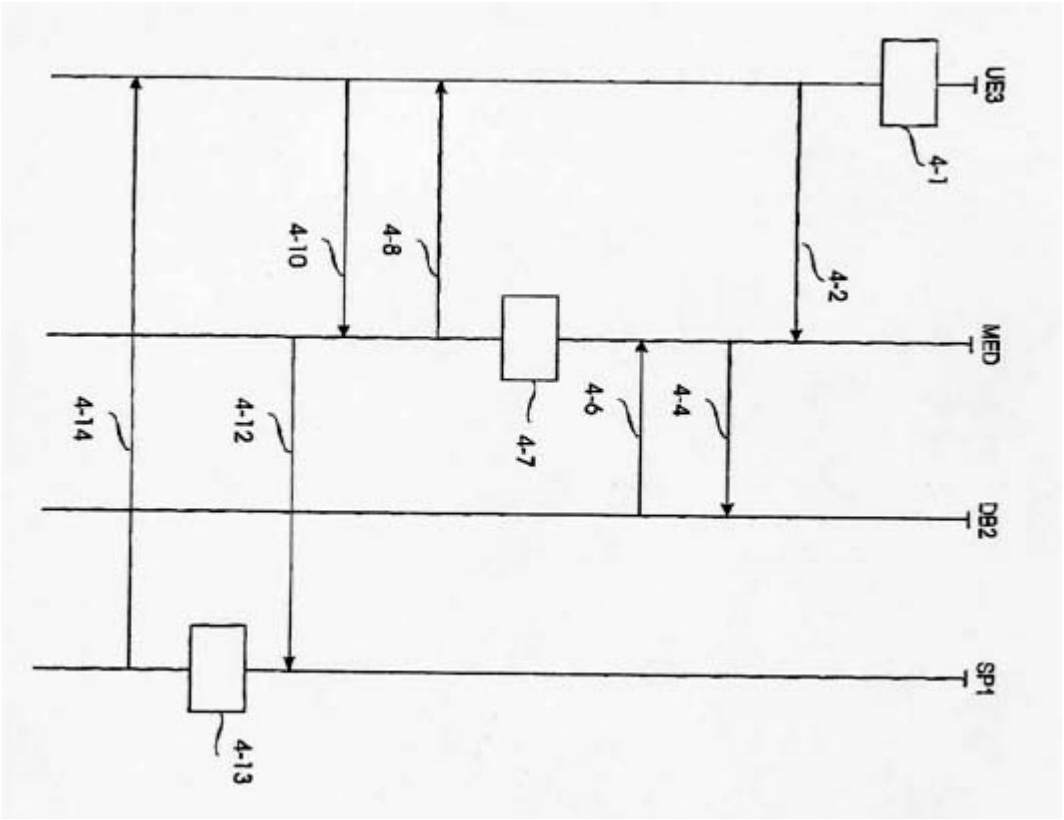
1)MAEKELAE MIKKO

No of Pages : 68
No of Claims : 36

(57) Abstract :
The invention relates to a method and an apparatus of requesting a service from a communications network. In the method the following steps are to performed: generating an objective statement in a user equipment; communicating the objective statement from the user equipment to a mediator unit; comparing the objective statement to a list of objective statements in the mediator unit; establishing the service based at least partly on the comparison; and providing the service to the user of the user equipment.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2447/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : INSTRUMENT FOR MEASURING THE HEIGHT OF AN OBJECT

(51) International classification	:G01C5/00; G01S17/42
(31) Priority Document No	:0401661.4
(32) Priority Date	:27/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000199
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/071358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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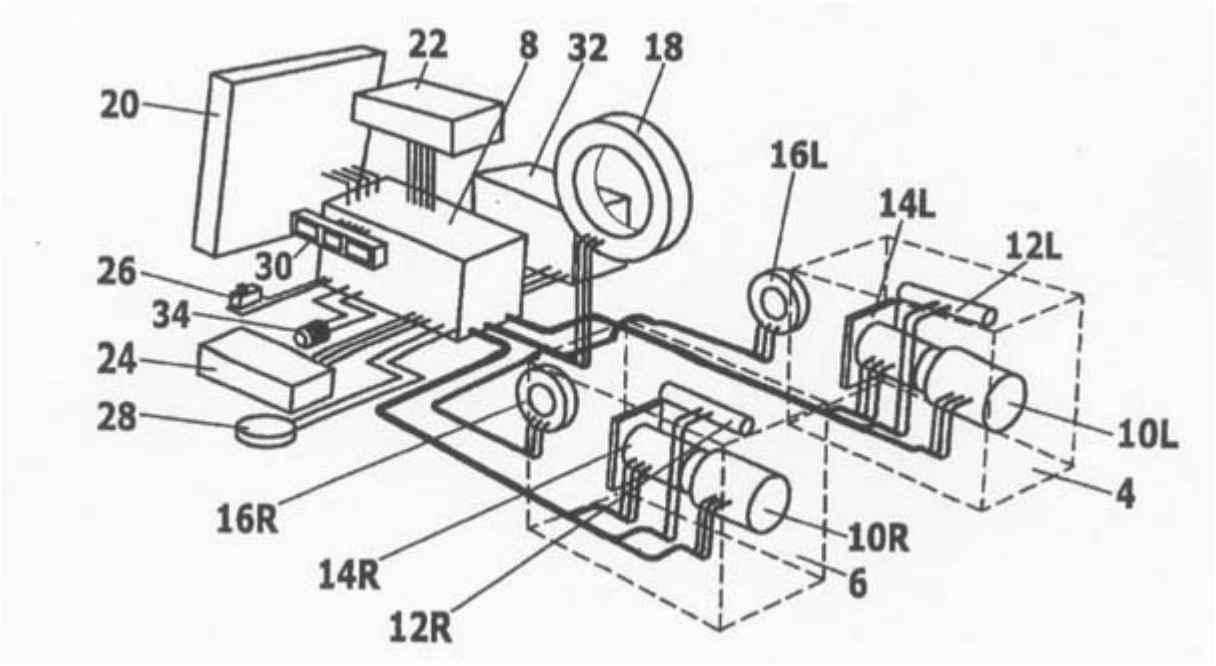
No of Pages : 20
No of Claims : 26

(57) Abstract :
A measurement instrument for measuring the vertical height between two points, the device comprising: first and second rotatable measuring units (4, 6); and a processor (8) for processing data from the first and second measuring units and calculating the vertical height between the two points, wherein the first and second measuring units each comprise a rangefinder (10L, 10R) for measuring the distance from the measurement device to the first and second points respectively and an angle measurement device (16L, 16R) for calculating the angle through which the rangefinder is rotated in order to measure the vertical height.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2448/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A CHECK VALVE FOR LIQUEFIED GAS CONTAINERS

(51) International classification :F16K15/04 ,F17C13/04
(31) Priority Document No :26324
(32) Priority Date :05/03/2004
(33) Name of priority country :MORACCO
(86) International Application No :PCT/ES2005/000097
Filing Date :02/03/2005
(87) International Publication No :WO 2005/084106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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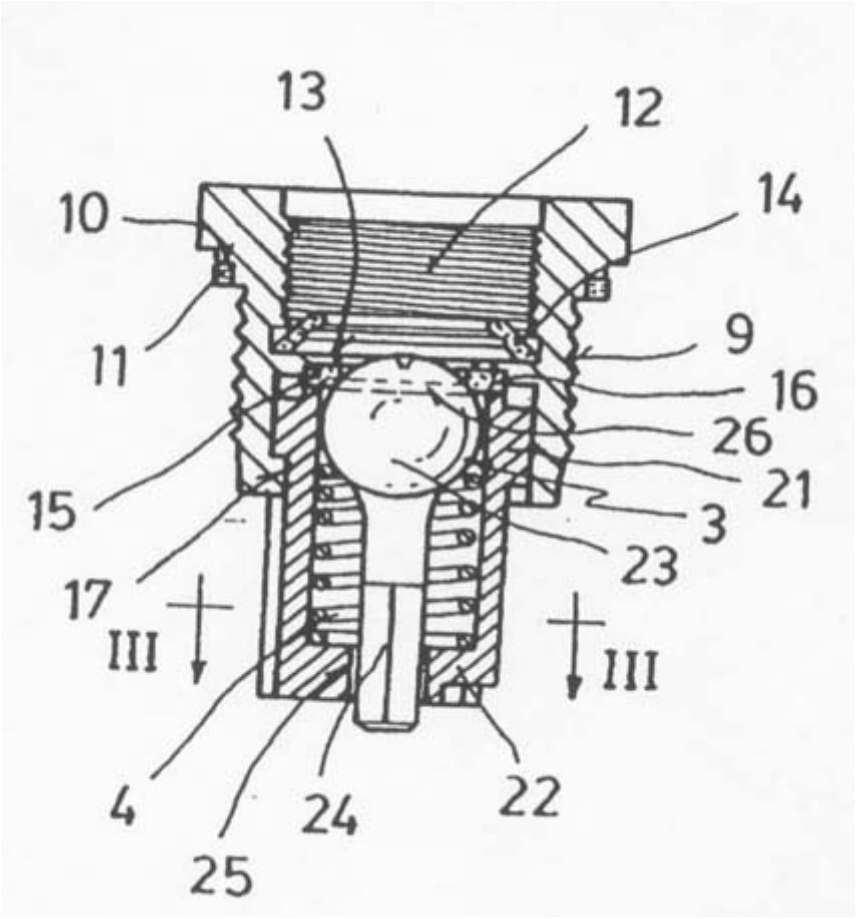
(72)**Name of Inventor :**
1)PLAXATS OLLER SALVADOR

No of Pages : 11
No of Claims : 4

(57) Abstract :
This check valve for liquefied gas containers, concretely those installed in mouth of the liquefied gas containers in their industrial and domestic use, which closes automatically and is opened by a push device included in a regulating valve that, in cooperating with a pressure reducer, regulates the flow-rate of the gas in its supply to a consumer appliance, the ball (23) of the ball shut-off member (3) being provided with a slide appendix (24) which is perpendicular to the shut-off plane and is provided with a right section preventing its rotation and which sliding coincides with a guide window (25) formed in the bottom wall (22) of a spring body (6) of the support casing (2). Figure 2.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006

(21) Application No.2449/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR PRODUCING SEMICARBAZONES

(51) International classification	:C07C 281/04
(31) Priority Document No	:04006413.1
(32) Priority Date	:17/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/002802
Filing Date	:16/03/2005
(87) International Publication No	:WO 2005/090293
(61) Patent of Addition 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)ENGEL STEFAN
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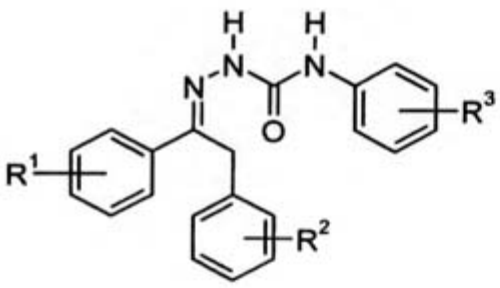
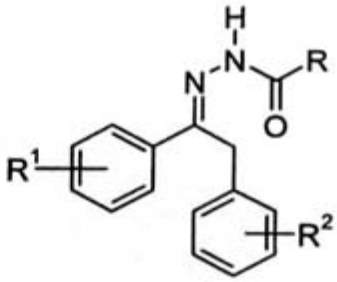
No of Pages : 14
No of Claims : 14

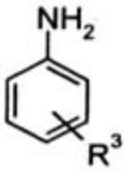
(57) Abstract :
The invention relates to a process for preparing semicarbazone compounds of the formula 1, where R1 and R2 are each independently hydrogen, halogen, CN, C1-C4-alkyl,C1-C4-alkoxy, C1-C4-haloalkyl or C1-C4-haloalkoxy, and R3 is C1-C4-alkoxy, C1-C4-haloalkyl or C1-C4-haloalkoxy, by reacting a hydrazone compound of the general formula II, where R is C1-C4-alkoxy, amino, C1-C4-alkylamino or di(C1-C4-alkyl)amino, and R1,R2 are each as defined above, with an aniline compound of the genaral formula III where R3 is as defined above.



(I)



(II)



(III)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2450/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS AND METHODS TREATING CONTRACTURE

(51) International classification :A61K 31/335
(31) Priority Document No :60/540,660
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003800
Filing Date :31/01/2005
(87) International Publication No :WO2005/074913 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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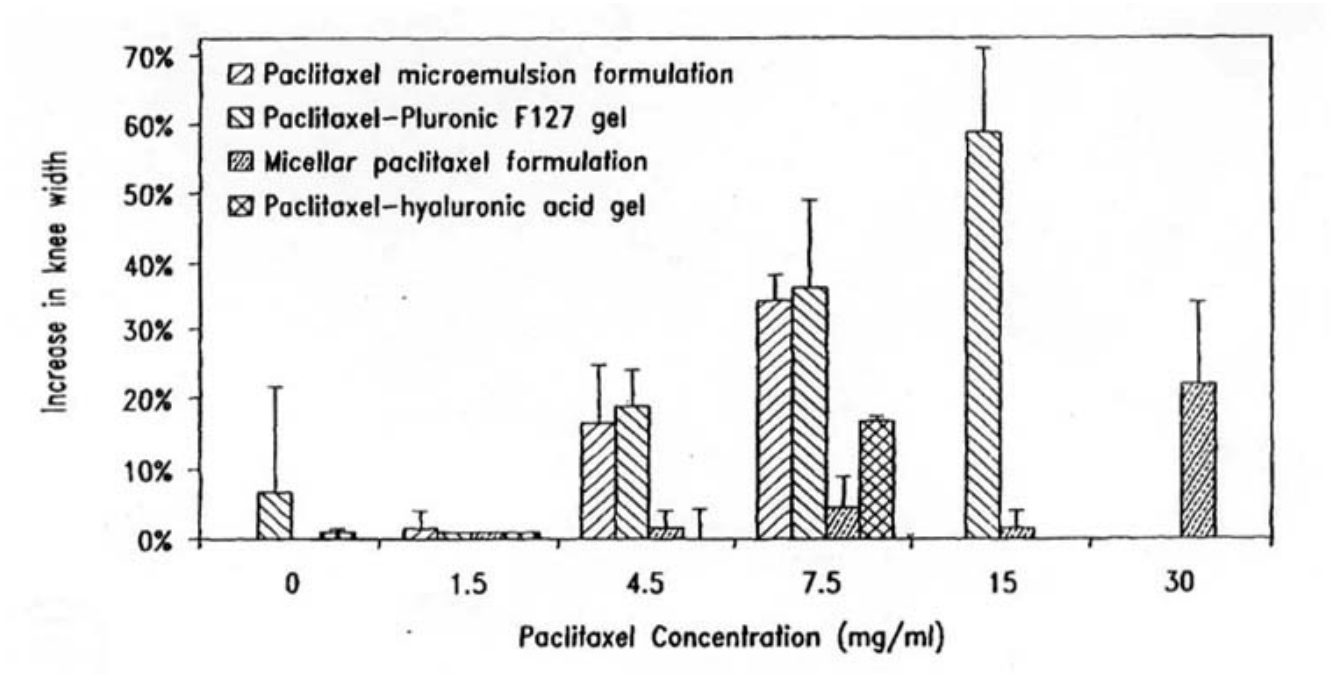
4)LOSS,TROY,A.,E
5)GRAVETT,DAVID,M
6)MAITI,ARPITA

No of Pages : 233
No of Claims : 185

(57) Abstract :
A method for treating contracture is provided that includes administering to a patient in need thereof a composition that includes a therapeutic agent effective in treating contracture.Compositions, devices, and kits for use in treating contracture are also described.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2451/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 2H OR 3H-BENZO[E]INDAZOL-1-YLE CARBAMATE DERIVATIVES THE PREPARATION AND THERAPEUTIC USE THEREOF

(51) International classification :C07D 231/54
(31) Priority Document No :04/05,055
(32) Priority Date :11/05/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/001154
Filing Date :10/05/2005
(87) International Publication No :WO 2005/121099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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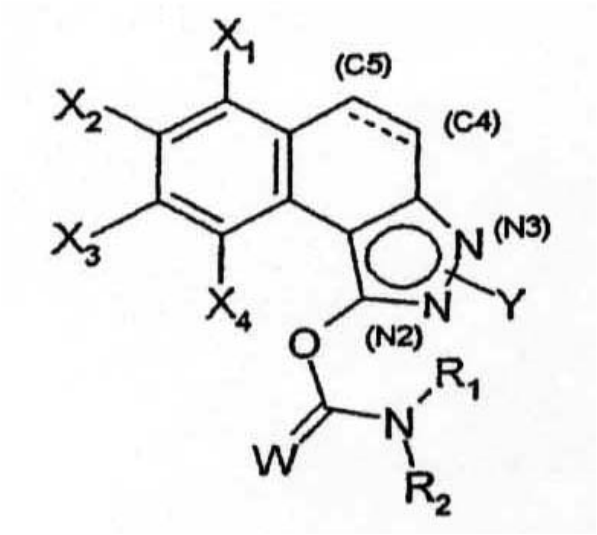
No of Pages : 55
No of Claims : 12

(57) Abstract :
The invention relates to compounds of formula (I), wherein W is an oxygen or sulphur atom, each X, X2, X3 and X4 independently represents a hydrogen or halogen atom or a cyano, C,-C6-alkyl, C,-C6-fluoralkyl, C,-C6-alkoxy, C,-C6-fluoroalkoxy group, Y is in position (N2) or (N3); when Y is in the (N2) position, Y represents a C,-C6-alkyl, C,-C6-fluoralkyl, aryl or heteroaryl group; when Y is in the (N3) position, Y represents an aryl or heteroaryl group; the aryl and heteroaryl groups are possibly substituted by one or several atoms or groups selected from halogen atoms, C,-C6-alkyl, C,-C6-alkoxy, C,-C6-alkylthio, C,-C6-alkyl-S(O)-, C,-C6-alkyl-S(0)2-, C,-C6-fluoralkyl groups; a C4-C5 position bond is double or single; each R1 et R2 independently represents an aryl, benzyl or C,-C6-alkyl group or R1 et R2 form, with a nitrogen atom carrier thereof, a heterocycle possibly substituted by one or several C1-C6-alkyl or benzyl groups in the form of a base, an acid addition salt, a hydrate or a solvate. A method for preparation and therapeutic use is also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2006
(21) Application No.2452/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTITHROMBOGENIC MEDICAL DEVICE

(51) International classification :A61N 1/05
(31) Priority Document No :10/776,792
(32) Priority Date :28/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001035
Filing Date :12/01/2005
(87) International Publication No :WO2005/072819 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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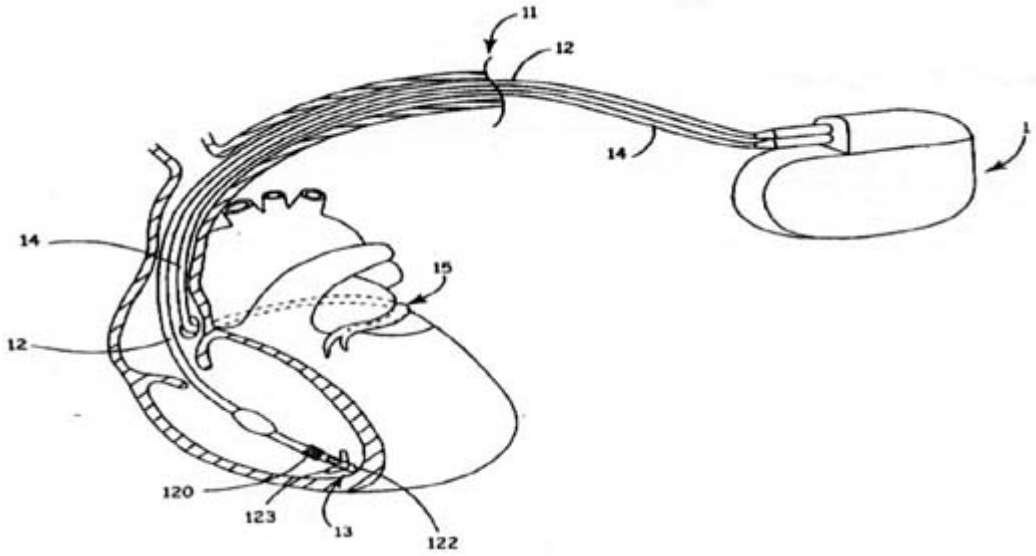
2)COLES JAMES A,JR.

No of Pages : 25
No of Claims : 27

(57) Abstract :
A therapy delivery and / or diagnostic device includes a layer of a catalytic agent, having nitrite reductase and / or nitrate reductase, or nitrosothiol reductase activity. The catalytic layer converts nitrate/nitrate or nitrosothiols to nitric oxide when in contact with blood.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2453/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CHEMICALLY STABLE COMPOSITIONS OF 4- HYDROXY TAMOXIFEN.

(51) International classification :A61K 31/138
(31) Priority Document No :US 10/805530
(32) Priority Date :22/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/003455
Filing Date :18/03/2004
(87) International Publication No :WO 2005/092310
(61) Patent of Addition 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) VALERIE MASINI-ETEVE
3) RICHARD FEDYNEC
4) BRIGITTE TARAVELLA

No of Pages : 36
No of Claims : 45

(57) Abstract :
A class of chemically stable 4-hydroxy tamoxifen compositions is characterized by roughly equal amounts of the Z-4-hydroxy tamoxifen and E-4-hydroxy tamoxifen isomers, such that the potency of the compositions is not affected adversely by the isomerization that occurs between these two forms. The inventive compositions are useful for preventing or for treating medical conditions.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2454/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : EMBOSSED TUFTING NEEDLE.

(51) International classification :D05C 15/20
(31) Priority Document No :20 2004 004 401.3
(32) Priority Date :20/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/001585
Filing Date :17/02/2005
(87) International Publication No :WO 2005/095703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 16
No of Claims : 14

(57) Abstract :
Disclosed is a novel tufting needle (4) that is characterized by a hollow groove (15) that is preferably embodied so as to be symmetric relative to a central plane (29) while being provided with chamfers (33, 34) on both sides. Said chamfers (33, 34) are provided with a small acute angle a relative to a reference plane (28) in an inner zone, i.e. a zone located near the central plane (29), while being inclined at a greater acute angle ss relative to the reference plane (28) in an outer zone lying adjacent to the border (edges 46, 47), thereby improving the rigidity, tufting properties, mechanical stability, and resistance to wear of the novel tufting needle (4).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2455/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF TESTING AN ELECTROCHEMICAL DEVICE.

(51) International classification :G01R 31/36
(31) Priority Document No :531978
(32) Priority Date :26/03/2004
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NL2005/000053
Filing Date :24/03/2005
(87) International Publication No :WO 2005/093447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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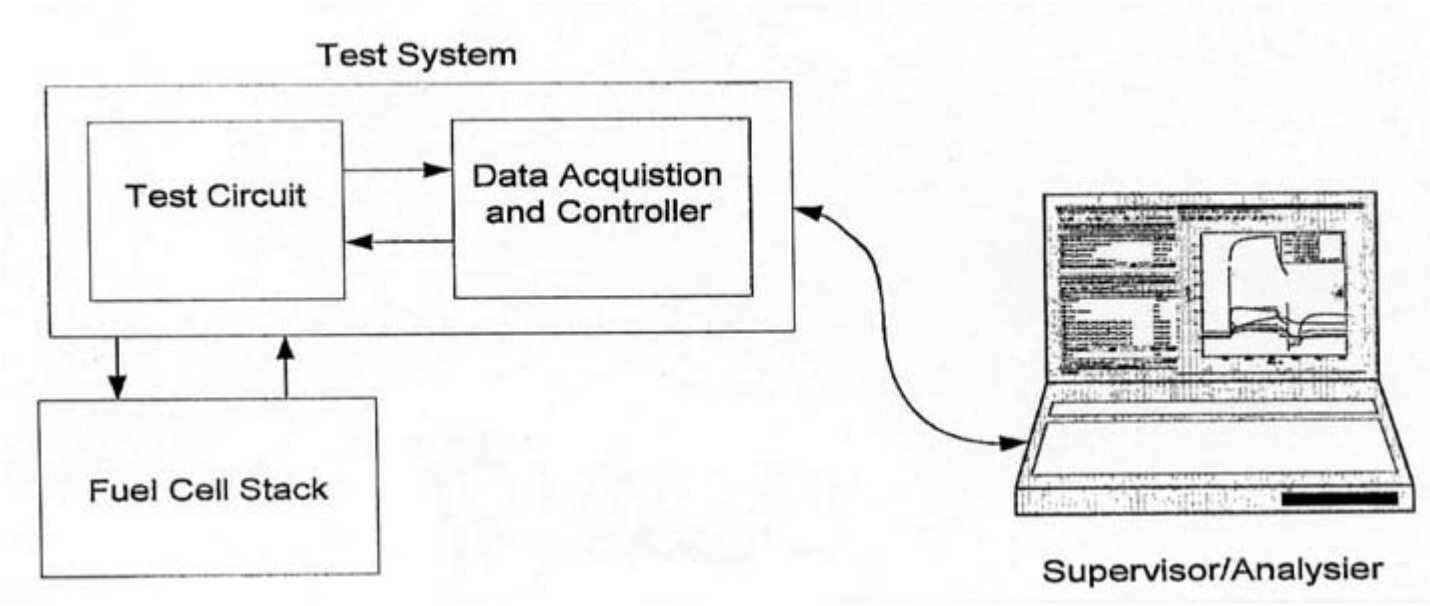
2)AL-ANBUKY ADNAN
3)KRUMDIECK SUSAN PRAN

No of Pages : 38
No of Claims : 20

(57) Abstract :
Methods and associated apparatus for testing an electrochemical device, such as a fuel cell. A first method involves charging the fuel cell during a charge period; discharging the fuel cell during a discharge period; and monitoring the response of the fuel cell during at least part of the discharge period or the open-circuit response of the fuel cell. Another method involves testing the fuel cell when the fuel cell is in a passive state in which substantially no electrochemical reactions are taking place in the fuel cell. simultaneously applying a stimulus to all of the devices, and independently monitoring the response of each of the devices to the stimulus. Further methods involve obtaining test data from a device being tested; obtaining equivalent circuit values; calculating sets of simulation data for each equivalent circuit value; comparing sets of simulation data with the test data; and selecting one of the equivalent circuit values based on the comparison. This method allows all circuit parameters of each cell in a stack to be obtained from only one quick test.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2456/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM.

(51) International classification	:B60L 5/00,B60M 7/00
(31) Priority Document No	:2004-097303
(32) Priority Date	:30/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/006139
Filing Date	:30/03/2005
(87) International Publication No	:WO 2005/096485
(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)MAKOTO NUNO YA
2)KAZUTOSHI TAKEDA

No of Pages : 26
No of Claims : 7

(57) Abstract :
A noncontact power supply facility in which current phase is matched between induction lines. According to the output current from a power supply device (21) and power consumption of an induction line (19), a lead time corresponding to the phase difference of output currents from the induction lines is determined and a signal for driving a transistor (52) is advanced ahead of a drive synchronization signal beta depending on that lead time.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006

(21) Application No.2457/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CEMENT PAINT.

(51) International classification :C04B 14/22
(31) Priority Document No :2004/0787
(32) Priority Date :30/01/2004
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2005/000125
Filing Date :19/01/2005
(87) International Publication No :WO 2005/082805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREEN,PHILIP

No of Pages : 12
No of Claims : 20

(57) Abstract :
The invention provides a water-based paint and a process for formulating it. The paint includes, as constituents thereof, cement particles and water. The cement particles are uncured cement particles and the paint also includes, as a constituent, colloidally-sized particles of polymeric material capable of forming a stable colloid in water. The paint is in the form of a homogeneous blend of its constituents. The cement particles form 5 - 40% by mass of the paint and the colloidally-sized particles form 0.25 - 10% by mass of the paint. The process includes the steps of suspending the colloidally-sized polymer particles in water to form a colloidal suspension and admixing the cement particles with the colloidal suspension to form a blend of the water, cement and colloidally-sized polymer particles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2458/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS CONTAINING FLOURINE SUBSTITUTED OLEFINS.

(51) International classification :C07C 19/08
(31) Priority Document No :10/837,525
(32) Priority Date :29/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/014873
Filing Date :29/03/2005
(87) International Publication No :WO 2005/105947
(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)PHAM HANG T
3)WILSON DAVID P
4)THOMAS RAYMOND H

No of Pages : 40
No of Claims : 42

(57) Abstract :
The use to e of tetrafluoropropenes, particularly (HFO-1234) in a variety of applications, including refrigeration equipment, is disclosed. These materials are generally useful as refrigerants for heating and cooling, as blowing agents, as aerosol propellants, as solvent composition, and as fire extinguishing and suppressing agents.

Fig. Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2459/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,580
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007911
Filing Date :07/03/2005
(87) International Publication No :WO 2005/087228
(61) Patent of Addition 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)ZELLE , ROBERT
2)GALULLO,VINCENT,P.
3)WILL,PAUL

No of Pages : 66
No of Claims : 18

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2460/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
(31) Priority Document No :102004020846.8
(32) Priority Date :27/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003997
Filing Date :15/04/2005
(87) International Publication No :WO 2005/104849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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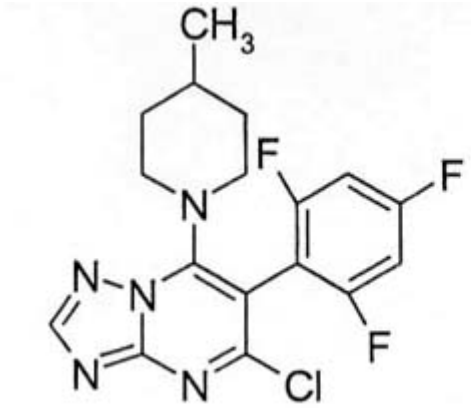
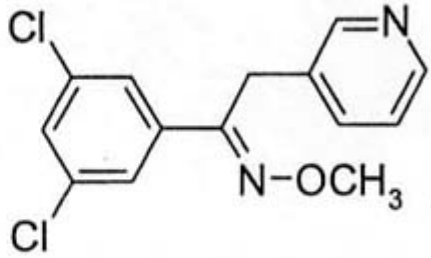
3)SCHERER,MARIA
4)STIERL,REINHARD
5)STRATHMANN,SIEGFRIED
6)SCHOFL,ULRICH

No of Pages : 13
No of Claims : 10

(57) Abstract :
Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I and 2) pyrifenox of the formula II, in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.





(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2461/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,371
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007902
Filing Date :07/03/2005
(87) International Publication No :WO 2005/086895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GALULLO,VINCENT,P.
3)MAZDIYASNI,HORMOZ

No of Pages : 64
No of Claims : 20

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2462/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : FUNGICIDE MIXTURES.

(51) International classification :A01N 43/90
(31) Priority Document No :102004013396.4
(32) Priority Date :17/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/002730
Filing Date :15/03/2005
(87) International Publication No :WO 2005/089555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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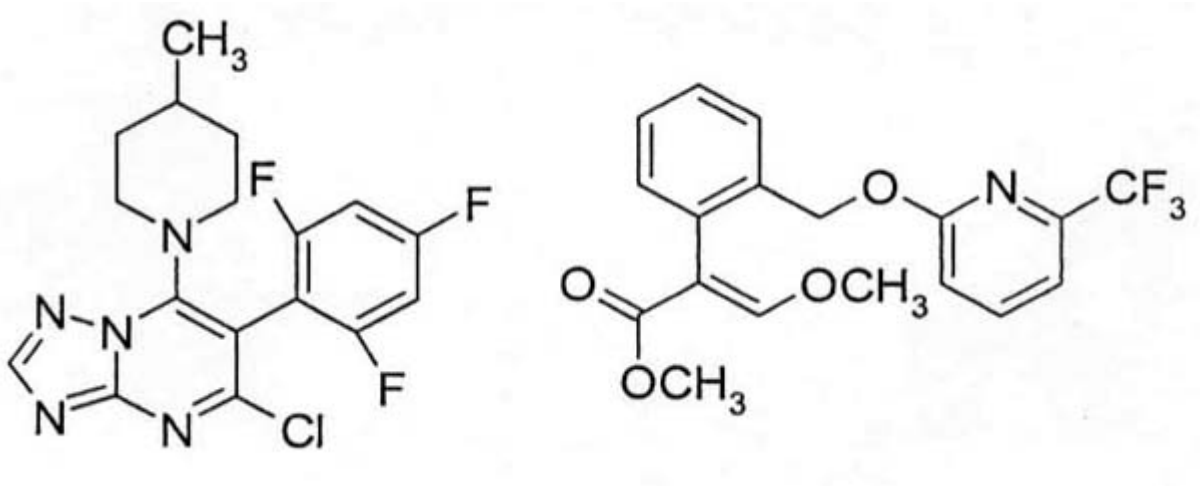
4)STIERL,REINHARD
5)STRATHMANN,SIEGFRIED
6)SCHOFL,ULRICH

No of Pages : 14
No of Claims : 10

(57) Abstract :
Fungicidal mixtures comprising,as active components,the triazolopyrimidine derivative of the formula and the strobilurin derivative of the formula in a synergistically effective amount,methods for controlling harmful fungi from the class of the oomycetes using mixtures of the compound i with the compound ii and to the use of the compound i with the compound ii for preparing such mixtures and compositions comprising these mixtures are described.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2463/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYNERGISTICALLY ACTING HERBICIDAL MIXTURES.

(51) International classification :A01N 43/50
(31) Priority Document No :60/558,131
(32) Priority Date :01/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/003302
Filing Date :30/03/2005
(87) International Publication No :WO 2005/096814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRIX,HORST-DIETER
3)MALEFYT,TIM

No of Pages : 25
No of Claims : 10

(57) Abstract :
A compound selected from the group consisting of imidazolinones,sulfony-lureas and sulfonamides,including their respective isomers a s well as their respective environmentally compatible salts or esters or amides or other derivatives,and at least one herbicidal compound of the group of chloro acetamides,oxyacetamides and tetrazolinones as well as quinmerac including their respective isomers as well as their respective environmentally compatible salts or esters or amides or other derivatives and,if desired, at least one herbicidal compound selected from the group consisting of clomazone,atrazin,dichlormid,benoxacor,lab-145138,MG-191,MON-13900,cyometrinil,oxabetrinil,fluxofenim,flurazole, naphatalicacidanhydride,fenchlorim ,flurazole,naphtalicacidanhydride,fenchlorim,fenchlorazol,mefenpyr,cloquintocet (including its hydrate(s)),1-ethyl-4-hydroxy-3-(1h-tetrazol-5-yl)-1H-quinolin-2-one,4-carboxymethyl-chroman-4-carboxylic acid,N-(2_methoxy-benzoyl)-4-(3-methyl-ureido)-benzenesulfonamide,(3-oxo_isothiochroman-4-ylidenemethoxy)-acetic acid methyl ester including their respective iso-mers as well as their respective environmentally compatible salts or esters or amides or other derivatives.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2464/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DETECTION OF CLONED COMMUNICATION UNITS.

(51) International classification :H04M 1/00
(31) Priority Document No :10/845,558
(32) Priority Date :13/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011166
Filing Date :04/04/2005
(87) International Publication No :WO2005/114969 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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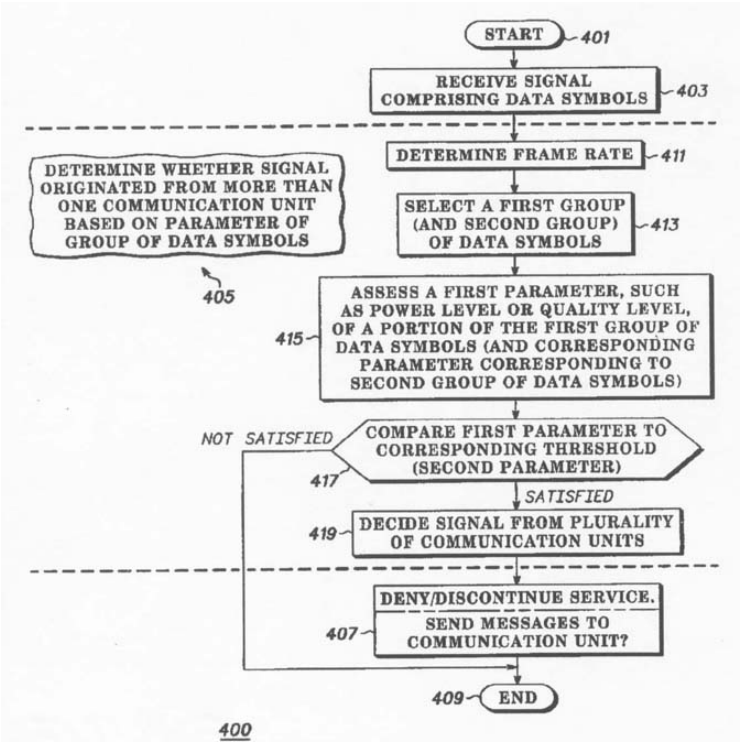
2)KINNAVY MICHAEL J.
3)MORISHIMA TAKESHI

No of Pages : 29
No of Claims : 10

(57) Abstract :
A method (400) and corresponding data processing system (209) of detecting cloned or duplicated communication units based on received signals is described. The method comprise receiving a signal (403) comprising a sequence of data symbols; and determining (405) whether the signal originated from a plurality of communication units based on a parameter, such as power or quality level of a group of the data symbols.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2465/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,394
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007913
Filing Date :07/03/2005
(87) International Publication No :WO2005/086902 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 52
No of Claims : 18

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006

(21) Application No.2466/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SHINGLE WITH INTERLOCKING WATER DIVERTER TABS.

(51) International classification :E04D 1/00
(31) Priority Document No :60/552,418
(32) Priority Date :11/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008357
Filing Date :11/03/2005
(87) International Publication No :WO2005/086977 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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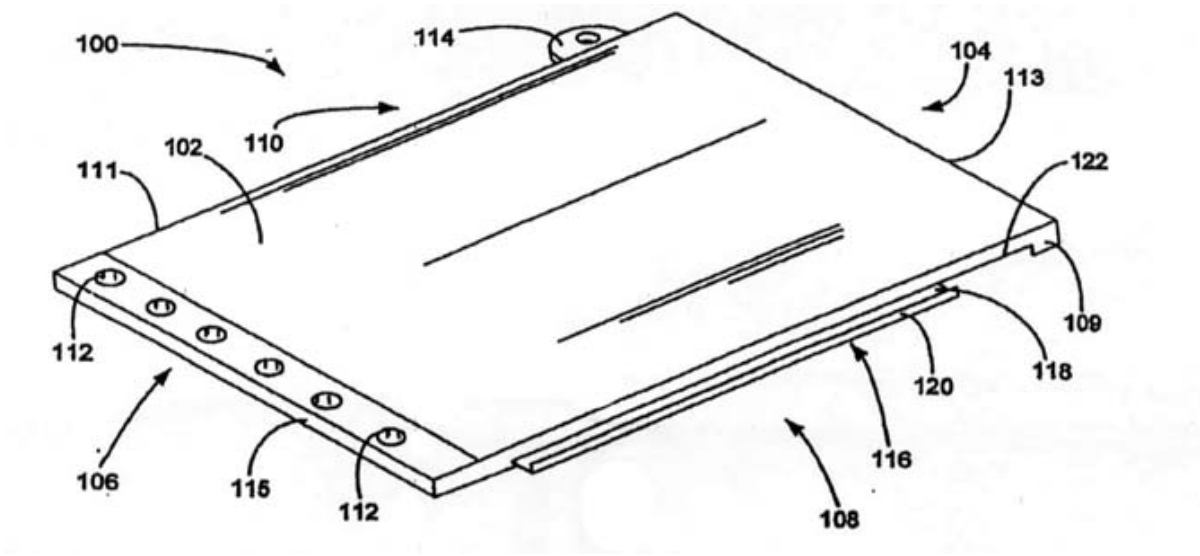
No of Pages : 21
No of Claims : 19

(57) Abstract :
A shingle includes a body having a top surface, a bottom surface, an upper end, a lower end, a first side, and a second side. The body has a width defined as the distance between the first and second sides and a length defined by the distance between the upper and lower ends. In a preferred embodiment, the shingle also includes a water diverter tab attached to the first side for channeling water onto the top surface of a lower adjacent shingle, and a recess adjacent to the second side for receiving the water diverter tab of a laterally adjacent shingle in an interlocking manner. An anchor tab attached to the second side s cures the lower ends of adjacent, interlocked shingles.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2006
(21) Application No.2467/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SUBSTITUTED AZOLE DERIVATIVES, COMPOSITIONS, AND METHODS OF USE.

(51) International classification :C07D 233/54
(31) Priority Document No :60/543,971
(32) Priority Date :12/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004590
Filing Date :11/02/2005
(87) International Publication No :WO2005/080346 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ARIMILLI MURTY N
6)YARRAGUNTA RAVINDRA R
7)ANDREWS ROBERT C
8)XIE RONGYUAN

No of Pages : 299
No of Claims : 69

(57) Abstract :
The present invention provides azole derivatives of Formula (I), methods of their preparation, pharmaceutical compositions comprising the compounds of Formula (I), and their use in treating human or animal disorders. The compounds of the invention can be useful as inhibitors of protein tyrosine phosphatases and thus can be useful for the management, treatment, control, or the adjunct treatment of diseases mediated by PTPase activity. Such diseases include Type I diabetes and Type II diabetes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2468/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : RAZOR HAVING TWO SLIDEABLE SHAVING HEADS.

(51) International classification :B26B21/22;B26B21/40
(31) Priority Document No :PCT/EP2004/003670
(32) Priority Date :15/03/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/003458
Filing Date :15/03/2005
(87) International Publication No :WO 2005/090017
(61) Patent of Addition 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)BOZIKIS IOANNIS
3)EFTHIMIADIS DIMITRIS

No of Pages : 21
No of Claims : 15

(57) Abstract :
Razor (1) comprising: - an elongated hollow handle (2) having a longitudinal axis (X), said handle (2) having a front end (3) and a back end (4) opposite to the front end (3), - a first razor head (6) and a second razor head (7), both mounted onto a support (8) which is mounted in the handle (2) and is sliceable with respect of the same along a direction substantially parallel to the handle axis (X), between at least: - a first use position in which said first razor head (6) projects outward from the front end (3) of the handle (2) to allow shaving, while the second razor head (7) is lodged within the handle (2), and - a second use position in which said second razor head (7) projects outward from the back end (4) of the handle (2) to allow shaving, while the first razor head (6) is lodged within the handle (2), - a manually operable actuator (36) mounted on the support (8) for moving the same from one position to the other.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2469/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METALLURGICAL COMPOSITIONS AND METHODS FOR MAKING THE SAME.

(51) International classification :B22F 1/00
(31) Priority Document No :10/818,782
(32) Priority Date :06/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/010514
Filing Date :29/03/2005
(87) International Publication No :WO 2005/099937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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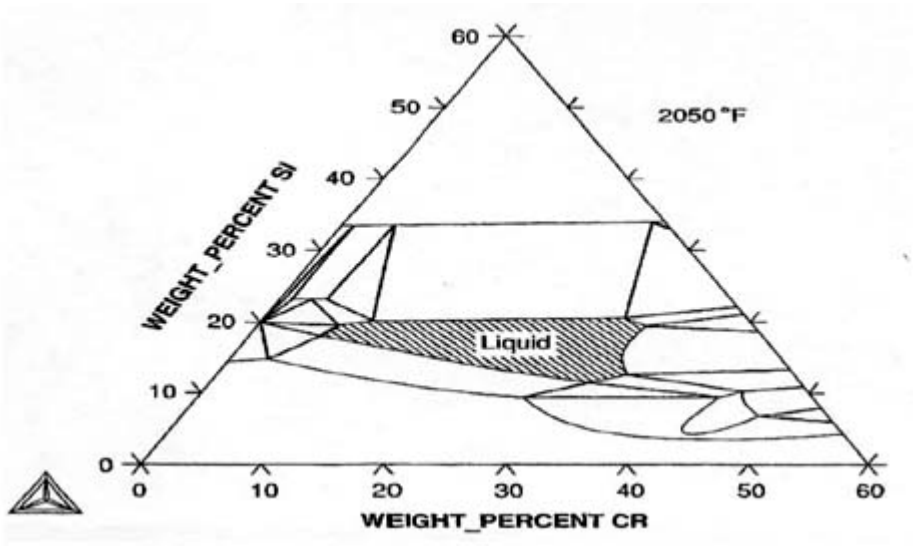
No of Pages : 31
No of Claims : 46

(57) Abstract :
Metallurgical powder compositions of the present invention include an iron based powder combined with a master alloy powder, as a mechanical property enhancing powder. The addition of master alloy powders has been found to enhance the mechanical properties of the final, sintered, compacted parts made from metallurgical powder compositions, especially at low sintering temperatures. Metallurgical powder compositions include at least about 80 weight percent of an iron-based metallurgical powder and from about 0.10 to about 20 weight percent of a master alloy powder. Master alloy powders include iron and from about 1.0 to about 40 weight percent chromium, and from about 1.0 to about 35 weight percent silicon, based on the weight of the master alloy powder.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2470/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD OF HEATING MATERIALS IN ORDER TO PRODUCE OBJECTS AND DEVICE FOR IMPLEMENTING SAID METHOD.

(51) International classification :B29C33/06;B29C35/08
(31) Priority Document No :0450541
(32) Priority Date :18/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR05/050176
Filing Date :18/03/2005
(87) International Publication No :WO 2005/094127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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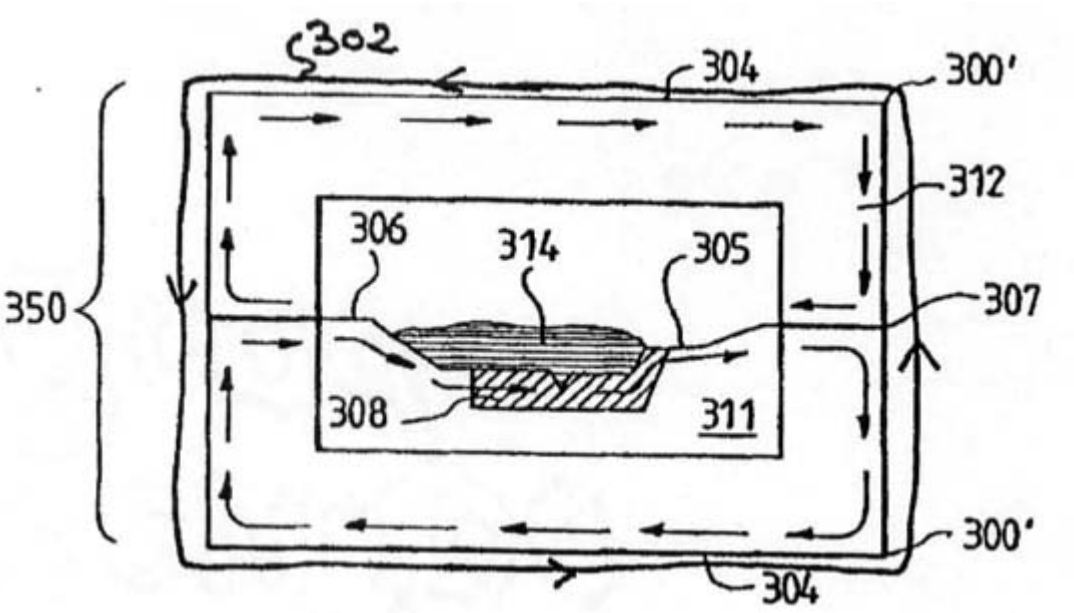
No of Pages : 13
No of Claims : 21

(57) Abstract :
The invention relates to a method and a device (350) which are used to heat materials (314) in order to produce objects industrially, e.g. mass production, and which allow a large variety of transformation methods.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2471/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR SLEEP REGULATION.

(51) International classification :A01N 43/04
(31) Priority Document No :60/546,151
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/005499
Filing Date :22/02/2005
(87) International Publication No :WO 2005/082143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 18

(57) Abstract :
Compositions and methods for the regulation of sleep and circadian rhythms are provided. The compositions are nutritional supplements containing melatonin and one or more vitamins that enhance the effectiveness of melatonin. Preferred vitamins include folic acid, riboflavin (vitamin B2), cobalamin (vitamin B12) or pyridoxine (vitamin B6). The compositions beneficially and advantageously regulate sleep when administered to an individual and are administered to a human or animal suffering from an irregular sleep or circadian rhythm or are administered in anticipation of the development of such an irregularity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2472/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,510
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007667
Filing Date :07/03/2005
(87) International Publication No :WO2005/086836 A3
(61) Patent of Addition 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)GALULLO,VINCENT,P
3)BAKER,CHRISTOPHER,TODD
4)WILL,PAUL
5)FRAZEE,WILLIAM,J
6)MAZDIY ASNL,HORMOZ
7)GUO ,JINSONG

No of Pages : 430
No of Claims : 38

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2473/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR MOLDING AN UPPER AND A LOWER MOLD HAVING NO FLASK.

(51) International classification :B22C 11/00
(31) Priority Document No :2004-077333
(32) Priority Date :18/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/018897
Filing Date :17/12/2004
(87) International Publication No :WO 2005/089983
(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.
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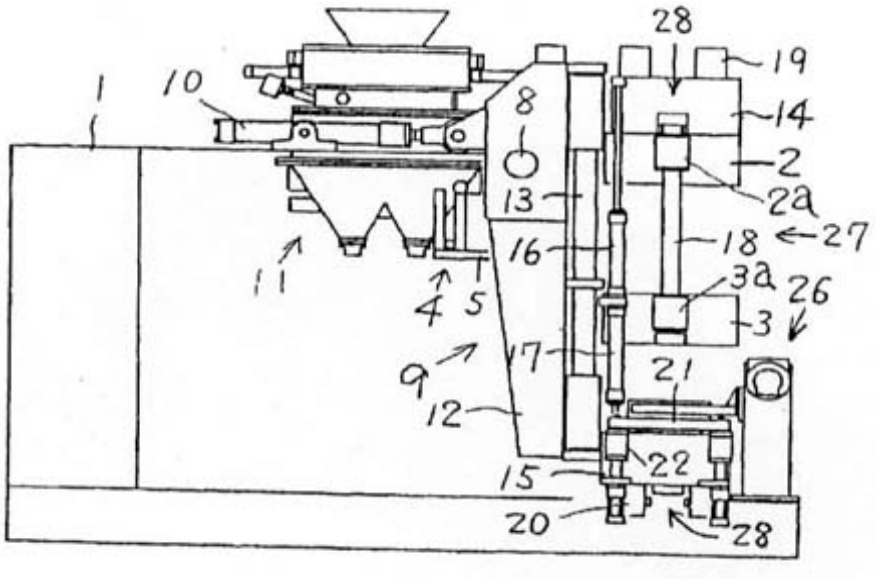
(72)**Name of Inventor :**
1)HIRATA,MINORU
2)KOMIYAMA , TAKAYUKI

No of Pages : 40
No of Claims : 15

(57) Abstract :
A method and device for efficiently forming high quality, molding-flask-less, upper and lower molds. A match plate is held by a pair of horizontally-set, upper and lower molding flasks each having a sandblast port in the side wall. Upper and lower squeeze means are inserted in match-plate-less openings in the upper and lower molding flasks, so as to define two upper and lower molding spaces. The upper and lower molding flasks and the match plate are set in a vertical state and the sandblast ports are moved upward. Molding sand is blasted from the sandblast ports into the upper and lower molding spaces to fill the latter with molding sand. The upper and lower squeeze means are further moved while the upper and lower molding flasks and match plate are restored to the horizontal state, so as to squeeze the molding sand in the upper and lower molding spaces. The upper and lower molding flasks in the mold are separated from the match plate, and then the match plate is carried out from between the upper and lower molding flasks. A core, if necessary, is set in the formed mold, and then the upper and lower molding flasks in the mold are superposed. The mold is extracted from the superposed upper and lower molding flasks.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2474/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : CASPASE INHIBITORS AND USES THEREOF.

(51) International classification	:C07D 207/16 C07D 217/24 , A61K 31/4015
(31) Priority Document No	:2004-077333
(32) Priority Date	:26/08/2004
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/US2005/006540
Filing Date	:28/02/2005
(87) International Publication No	:WO2005/085236 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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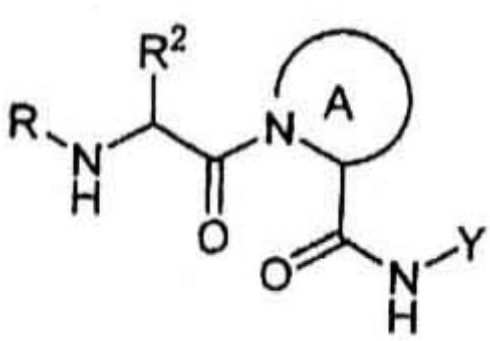
7)STUDLEY JOHN R
8)TRUDEAU MARTIN
9)LOOKER ADAM

No of Pages : 177
No of Claims : 51

(57) Abstract :
The present invention provides a compound of formula (I): wherein the variables are as defined herein. The present invention also provides processes for preparing the compounds of formula (1), and intermediates thereof, pharmaceutical compositions comprising those compounds, and methods of using the compounds and compositions.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2475/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ROTARY HYDRAULIC MACHINE AND CONTROLS.

(51) International classification :F04B1/30;F04B49/00
(31) Priority Document No :10/776,768
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004723
Filing Date :11/02/2005
(87) International Publication No :WO 2005/078284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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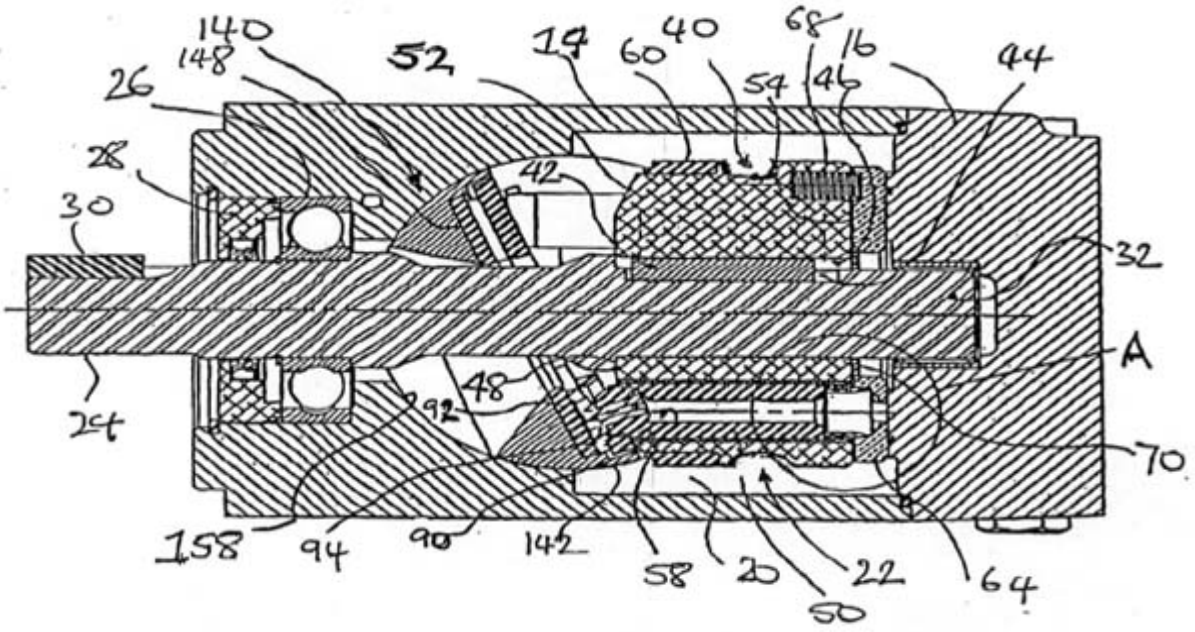
No of Pages : 47
No of Claims : 23

(57) Abstract :
A variable capacity hydraulic machine has a rotating group located within a casing and a control housing secured to the casing to extend across and seal an opening in the casing. The control housing accommodates a control circuit and a pair of sensors to sense change in parameters associated with the rotating group. One of the sensors is positioned adjacent the barrel on the rotating group to sense rotational speed and the other senses displacement of the swashplate. The control housing accommodates a control valve and accumulator to supply fluid to the control valve.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2006
(21) Application No.2476/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification :C07C 257/00
(31) Priority Document No :60/551,423
(32) Priority Date :08/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007899
Filing Date :07/03/2005
(87) International Publication No :WO 2005/097112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 95
No of Claims : 17

(57) Abstract :
The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2006

(21) Application No.2477/KOLNP/2006 A

(43) Publication Date : 25/05/2007

(54) Title of the invention : ENHANCED ACTIVITY OF HIV VACCINE USING A SECOND GENERATION IMMUNOMODULATORY OLIGONUCLEOTIDE.

(51) International classification :NOT CLASSIFIED
(31) Priority Document No :60/552,871
(32) Priority Date :12/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008238
Filing Date :11/03/2005
(87) International Publication No :WO 2005/089231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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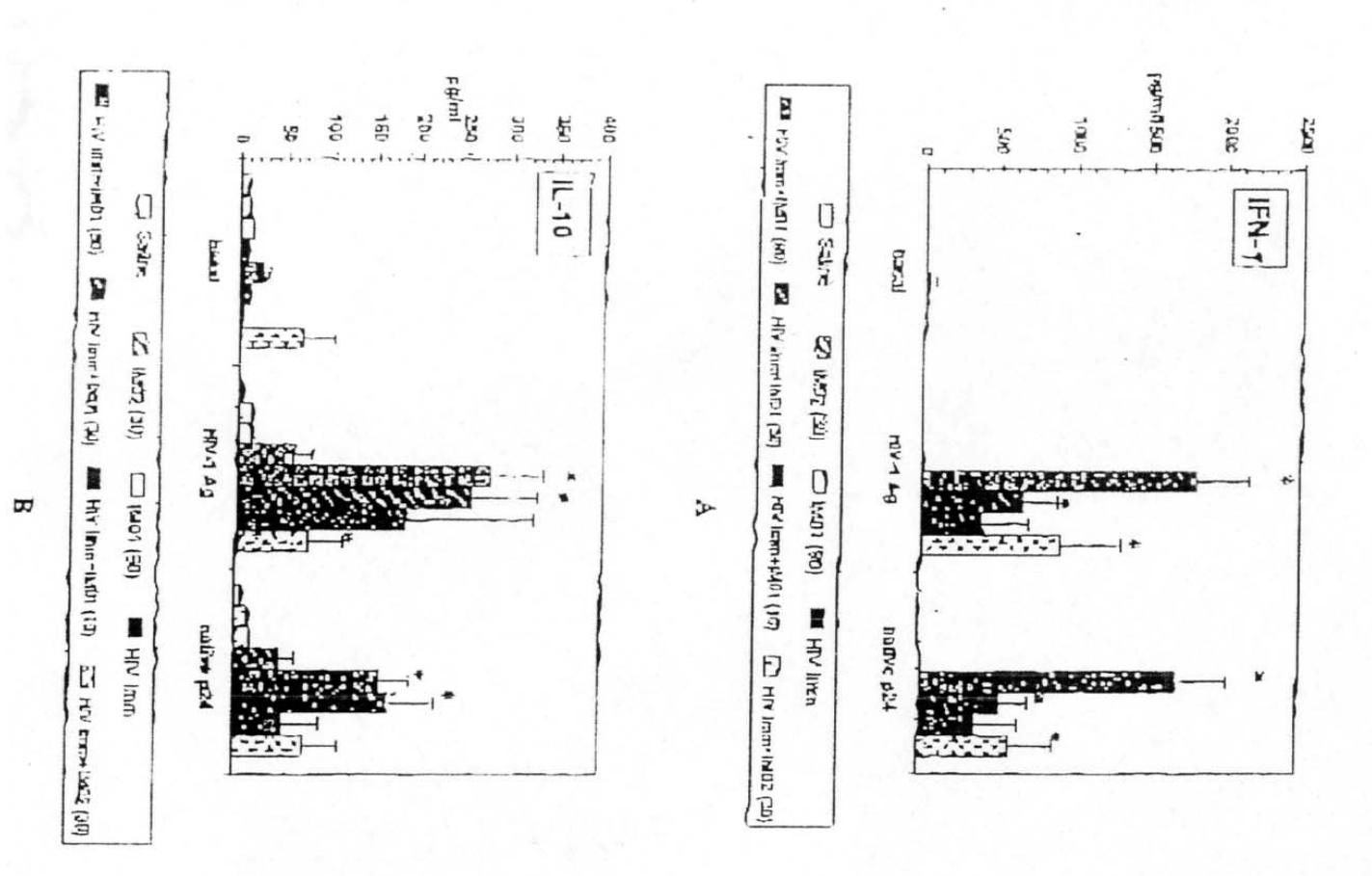
3)BRAY,DOROTHY
4)KANDIMLLA,EKAMBAR
5)AGRAWAL,SUDHIR

No of Pages : 24

No of Claims : 20

(57) Abstract :
The invention relates to the therapeutic use of a second generation immunomodulatory oligonucleotide in combination with HIV-1 antigen or immunogen to enhance the ability to reduce the risk HIV infection and to control the progression of HIV infection to prevent AIDS Related Complex (ARC) and AIDS.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2479/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : 6-SUBSTITUTED 2,3,4,5-TETRAHYDRO-1H-BENZO[D]AZEPINES AS 5-HT2C RECEPTOR AGONISTS.

(51) International classification :C07D 223/16
(31) Priority Document No :60/547,681
(32) Priority Date :25/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005418
Filing Date :18/02/2005
(87) International Publication No :WO 2005/082859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)FRANTZ VICTOR
12)ANDREW CAERWYN WILLIAMS
13)DEYI ZHANG
14)STEVEN ARMEN BOYD
15)RICHARD GERARD CONWAY
16)ARUNDHATI S.DEO
17)WAI-MAN LEE
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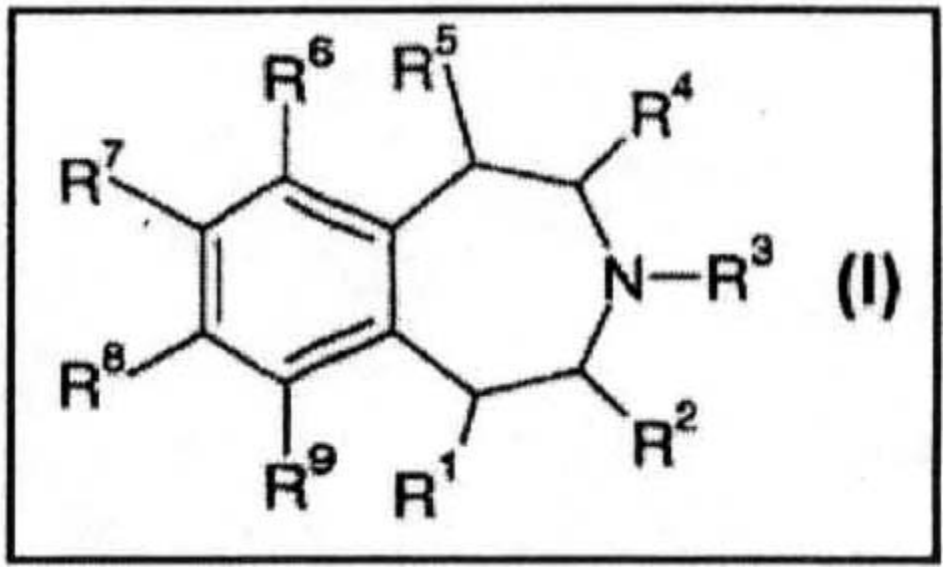
19)AJAY SINGH
20)MICHAEL P.MAZANETH

No of Pages : 575
No of Claims : 27

(57) Abstract :
The present invention provides 6-substituted 2,3,4,5-tetrahydro-1H-benzo[d]azepines of Formula I as selective 5-HT2C receptor agonists for the treatment of 5-HT2C associated disorders including obesity, obsessive/compulsive disorder, depression, and anxiety: I where: R6 is -C=C-R10, -O-R12, -S-R14, or -NR24R25; and other substituents are as defined in the specification.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2480/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING PILOT SIGNAL IN COMMUNICATION SYSTEM USING OFDM SCHEME SCHEME.

(51) International classification	:H04J11/00;H04L27/26
(31) Priority Document No	:15199/2004
(32) Priority Date	:05/03/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000624
Filing Date	:05/03/2005
(87) International Publication No	:WO 2005/086397
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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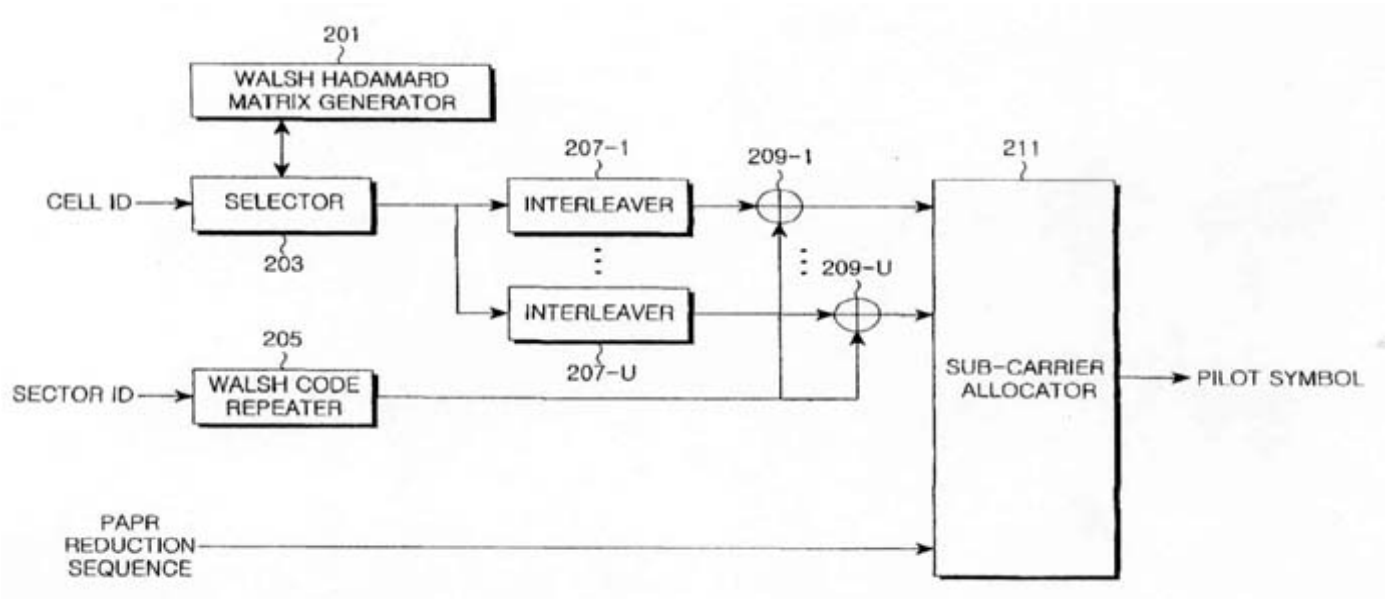
4)JAE-YOEL KIM
5)SUNG-RYULYUN
6)SIE-JOON CHO
7)JAE-WEON CHO
8)CHI-WOO LIM

No of Pages : 135
No of Claims : 49

(57) Abstract :
Disclosed is a method for transmitting a pilot symbol from base stations (BSs) to a subscriber station (SS) in a communication system which includes the base stations located adjacent to each other, the method includes the steps of transmitting BS-identifying sub-carriers which represent sequences for identifying the base stations in a frequency domain of the pilot symbol; and transmitting PAPR (Peak to Average Power Ratio) sub-carriers which represent sequences for reducing a PAPR of the pilot symbol together with the transmission of the BS-identifying sub-carriers in the frequency domain.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2481/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING AN OPERATIONAL MODE OF A MAC LAYER IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM

(51) International classification :H04B7/005;H04L12/28
(31) Priority Document No :14753/2004
(32) Priority Date :04/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000606
Filing Date :04/03/2005
(87) International Publication No :WO 2005/086379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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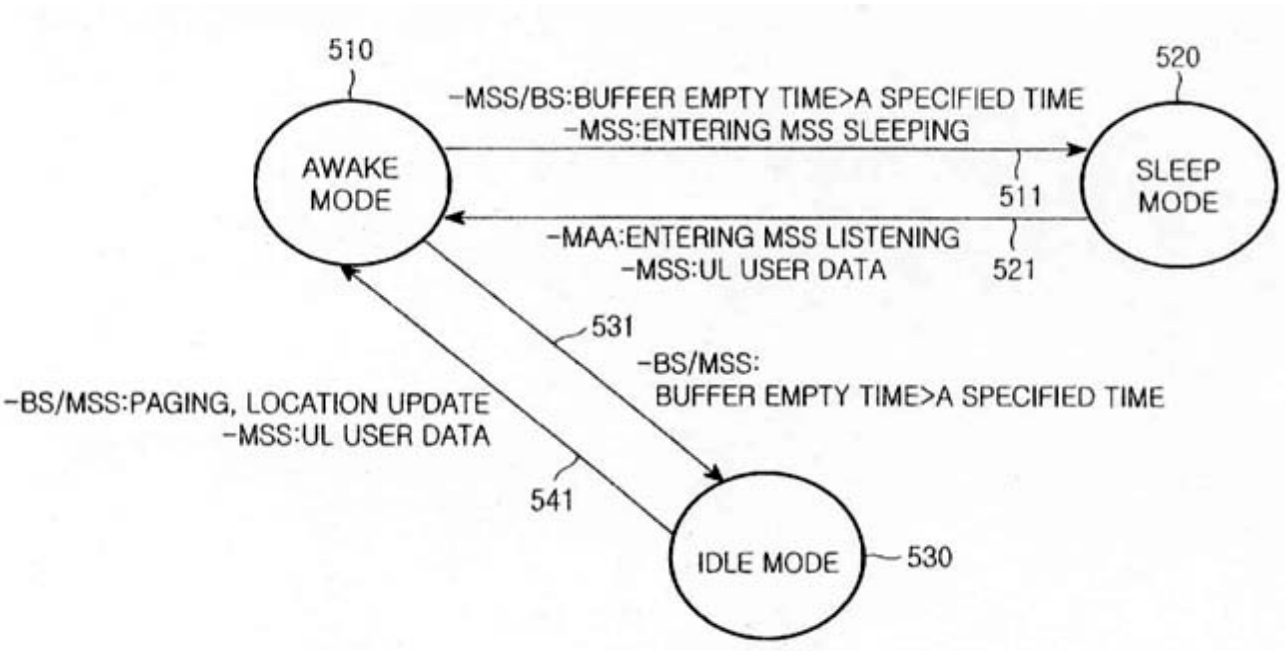
3)KWANG-SEOP EOM
4)SEUNG-EUN HONG
5)YEONG-MOON SON
6)SO-HYUN KIM
7)SEUNG-IL YOON
8)TAE-WON KIM
9)GEUN-HWI LIM
10)JUNG-SHIN PARK
11)JAE-JEONG SHIM
12)HONG-SUNG CHANG
13)YONG CHANG

No of Pages : 47
No of Claims : 36

(57) Abstract :
A method for controlling operation modes of a medium access control layer by a mobile subscriber station in a broadband wireless access communication system including the mobile subscriber station and a serving base station providing service to the mobile subscriber station is provided. The method includes the steps of: mode-transiting into an idle mode when there is no data transmission between the serving base station and the mobile subscriber station during a predetermined first time interval in an awake mode; detecting movement of the mobile subscriber station in the idle mode into another paging zone covering a target base station, which is different from a paging zone covering the serving base station; and mode-transiting into the awake mode and performing location update together with the target base station when the movement of the mobile subscriber station is detected.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2482/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : APPARATUS AND METHOD FOR ASSIGNING A RANGING CHANNEL AND TRANSMITTING AND RECEIVING A RANGING SIGNAL IN AN OFDM SYSTEM

(51) International classification :H04J3/06;H04L5/02
(31) Priority Document No :15983/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Democratic People's Repulic
(86) International Application No :PCT/KR2005/000627
Filing Date :05/03/2005
(87) International Publication No :WO 2005/086398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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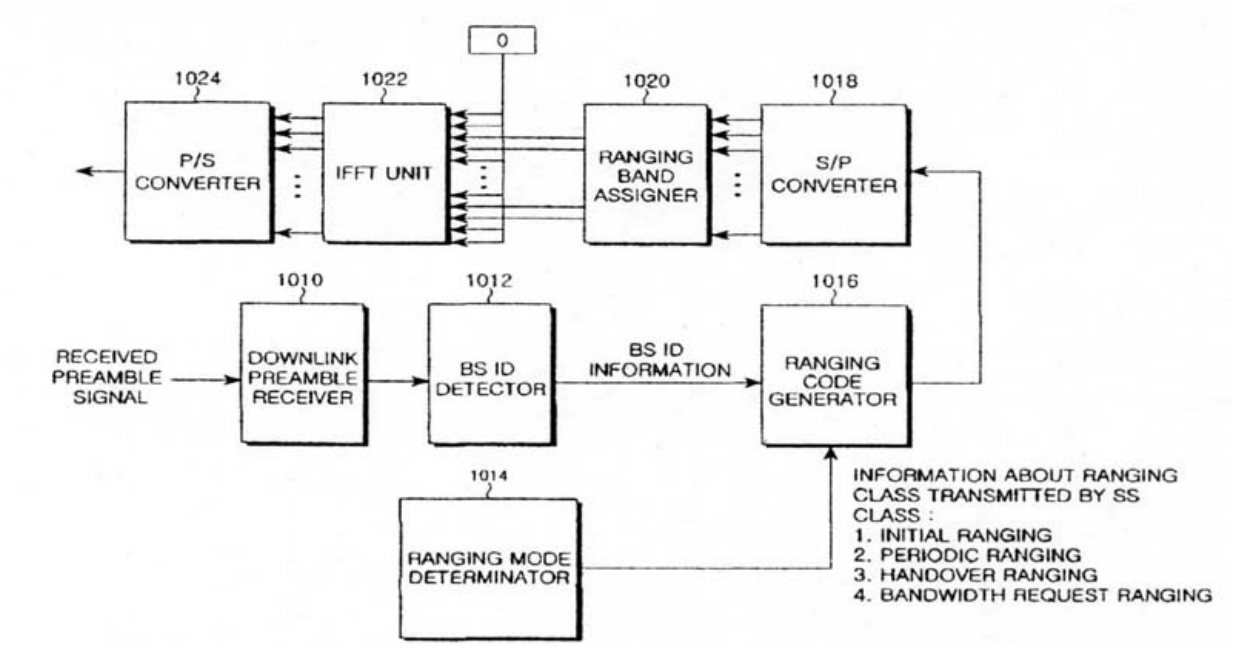
4)Seung-Joo Maeng
5)Jea-Hee CHO
6)Hoon HUH
7)In-Seok HWANG
8)Jea-Hyok LEE

No of Pages : 26
No of Claims : 29

(57) Abstract :
The present invention relates to a mobile communication system utilizing an OFDM scheme. In a broadband wireless access communication system utilizing an OFDM/OFDMA scheme, in which uplink time sync between a BS and a SS and the intensity of a BS reception signal are set, and a ranging signal is transmitted from the SS to the BS in order that the SS gives a bandwidth request to the BS. Described herein are a method for constructing a ranging channel, a method for a BS's operating a ranging channel to be used by a SS, a method for receiving ranging codes transmitted SS by SS from the BS to the SS through the ranging channel.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2483/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR HANDOVER TO MINIMIZE SERVICE DELAY DUE TO PING PONG EFFECT IN BWA COMMUNICATION SYSTEM

(51) International classification :H04L12/28;H04L12/56
(31) Priority Document No :15217/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Democratic People's Repulic
(86) International Application No :PCT/KR2005/000589
Filing Date :03/03/2005
(87) International Publication No :WO 2005/086377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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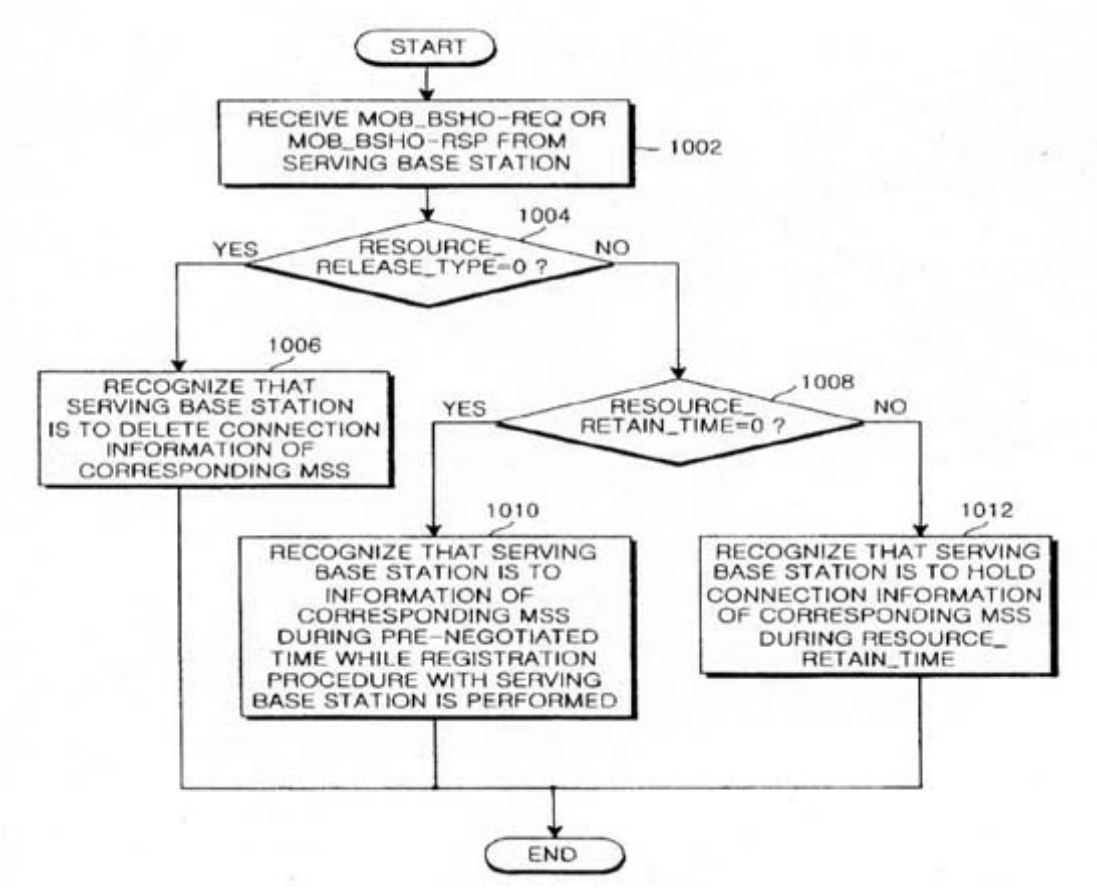
3) JUNG-JE SON
4) HYOUNG-KYU LIM
5) YEONG-MOON SON
6)SO-HYUN KIM
7) SUNG-JIN LEE

No of Pages : 49
No of Claims : 50

(57) Abstract :
Disclosed is a method for recognizing by a Mobile Subscriber Station (MSS) whether a serving Base Station (BS) retains connection information in a mobile communication system including the serving BS for providing a service to the MSS and a target BS adjacent to the serving BS. The method includes the steps of receiving a handover request message from the serving BS, the handover request message including a resource remain type field representing whether the connection information having been set with the serving BS is retained, and a resource retain time field representing a connection information-retaining time by the serving BS, and recognizing that the serving BS retains the connection information during a time determined by a value of the resource retain time field.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2484/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR PERIODIC RANGING IN SLEEP MODE IN BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM

(51) International classification :H04Q7/32;H04Q7/38
(31) Priority Document No :15219/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Democratic People's Repulic
(86) International Application No :PCT/KR2005/000625
Filing Date :05/03/2005
(87) International Publication No :WO 2005/086383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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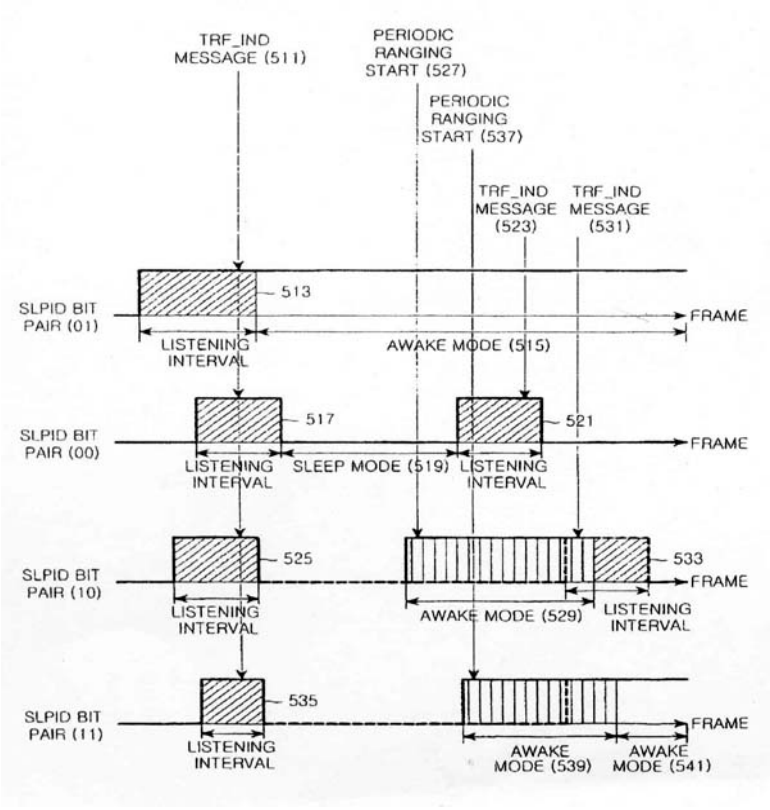
3)Jung-Je SON
4)Hyoung-Kyu LIM
5)SO-HYUN KIM
6)Hyun-Jeong KANG
7)Sung-Jin LEE

No of Pages : 38
No of Claims : 24

(57) Abstract :
A method and a system for periodic ranging in a sleep mode of a broadband wireless access communication system having an awake mode in which data to be transmitted between a mobile subscriber station (MSS) and a base station (BS) exists and the sleep mode in which data to be transmitted between the MS and the BS does not exist, the sleep mode having a sleep interval and a listening interval, the MSS being capable and incapable of receiving data in the listening interval and in the sleep interval, respectively. The BS reports to the MSS in a listening interval before the sleep interval that the MSS must perform the periodic ranging in the sleep interval when the BS detects that it is necessary for the MSS in the sleep mode to perform the periodic ranging at a particular time point in the sleep interval.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2485/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL MESSAGE IN WIRELESS ACCESS COMMUNICATION SYSTEM.

(51) International classification :H04L12/56;H04B7/00
(31) Priority Document No :15125/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000144
Filing Date :14/01/2005
(87) International Publication No :WO 2005/086376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 24
No of Claims : 50

(57) Abstract :
A registration response (REG_RSP) message is generated which includes a type field, a length field, and an integrated CID (Connector Identifier) field. The integrated CID field includes an integrated CID inserted thereinto. The integrated CID is configured by using a new CID and an old CID assigned to the subscriber terminal. The type and length fields include type information and length information of the integrated CID respectively inserted thereinto. The generated REG_RSP message is transmitted to a handover target subscriber terminal. A traffic indicator (TRF_IND) message is generated which includes at least one short BCID (Basic Connector Identifier) field into which a short BCID is inserted. The short BCID is configured by a preset number of bits among a total of bits representing a BCID of a positive subscriber terminal that must receive traffic indication information. The generated TRF_IND is then broadcast.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2486/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR ALLOCATING FREQUENCY RESOURCES BASED ON MULTIPLE FREQUENCY REUSE FACTORS IN CELLULAR COMMUNICATION SYSTEMS.

(51) International classification :H04Q7/36;H04Q7/36
(31) Priority Document No :15986/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000621
Filing Date :05/03/2005
(87) International Publication No :WO 2005/086381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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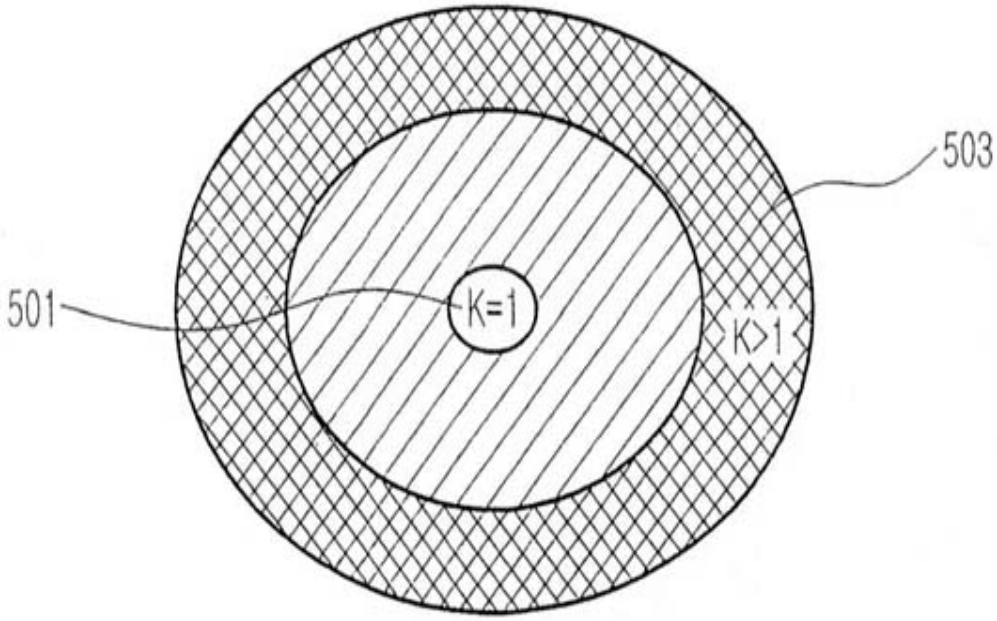
4)IN-SEOK HWANG
5)HOON HUH
6)SUNG-JOON PARK

No of Pages : 21
No of Claims : 15

(57) Abstract :
Disclosed are a system and a method of allocating frequency resource in a cellular communication system. The method includes the steps of dividing a predetermined time duration into at least two sub-time durations, and forming the frequency resource by applying mutually different frequency reuse factors to the sub-time durations



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2487/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING SUBCARRIERS IN A BROADBAND WIRE LESS COMMUNICATION SYSTEM USING MULTIPLE CARRIERS.

(51) International classification	:H04K1/10;H04L27/26
(31) Priority Document No	:15985/2004
(32) Priority Date	:05/03/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000623
Filing Date	:05/03/2005
(87) International Publication No	:WO 2005/086447
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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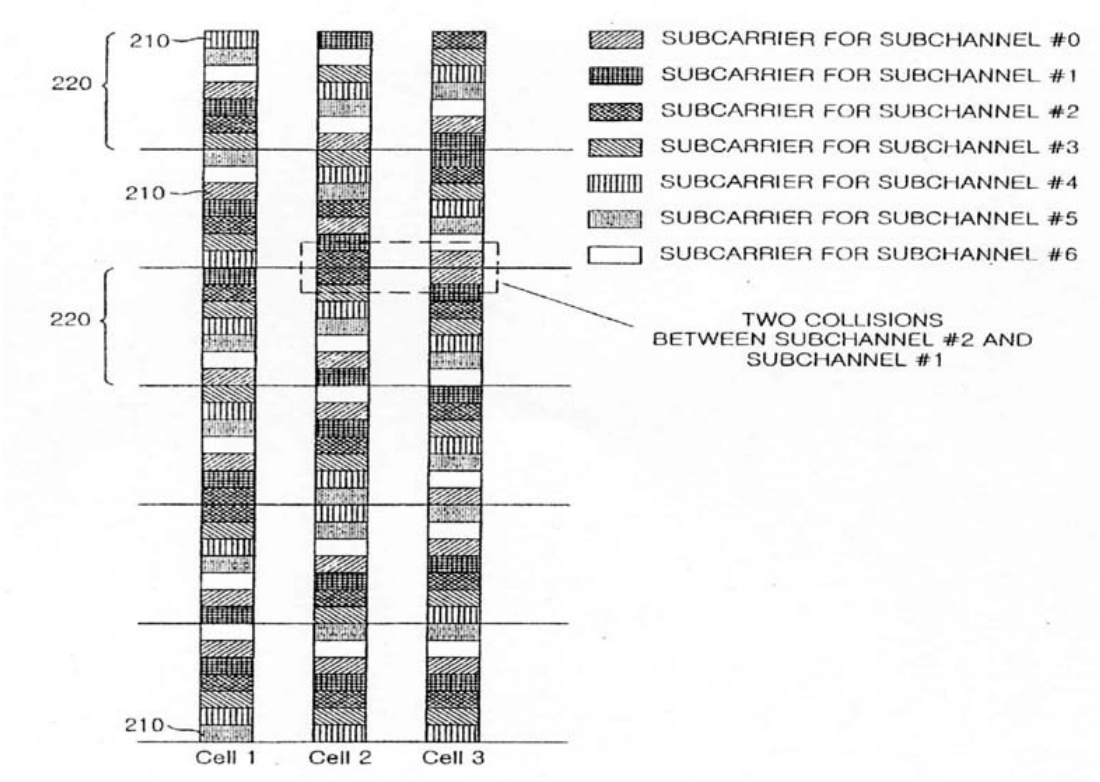
5)IN-SEOK HWANG

No of Pages : 27
No of Claims : 35

(57) Abstract :
A method and apparatus for allocating subcarriers in a broadband wireless communication system using multiple carriers are provided. In the wireless communication system where the total available frequency band is divided into a plurality of subcarriers and subchannels each are formed with a predetermined number of subcarriers, the subcarriers are grouped into subcarrier groups, subcarriers are selected from the subcarrier groups according to predetermined sequences, and the selected subcarriers are allocated as a subchannel to a cell in a predetermined time period.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2488/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : SERVICE FLOW MANAGEMENT METHOD OF MOBILE SUBSCRIBER STATION IN A MOBILE BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04B7/26;H04Q7/20
(31) Priority Document No :15207/2004
(32) Priority Date :05/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000607
Filing Date :04/03/2005
(87) International Publication No :WO 2005/086380
(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)KANG HYON-GOO
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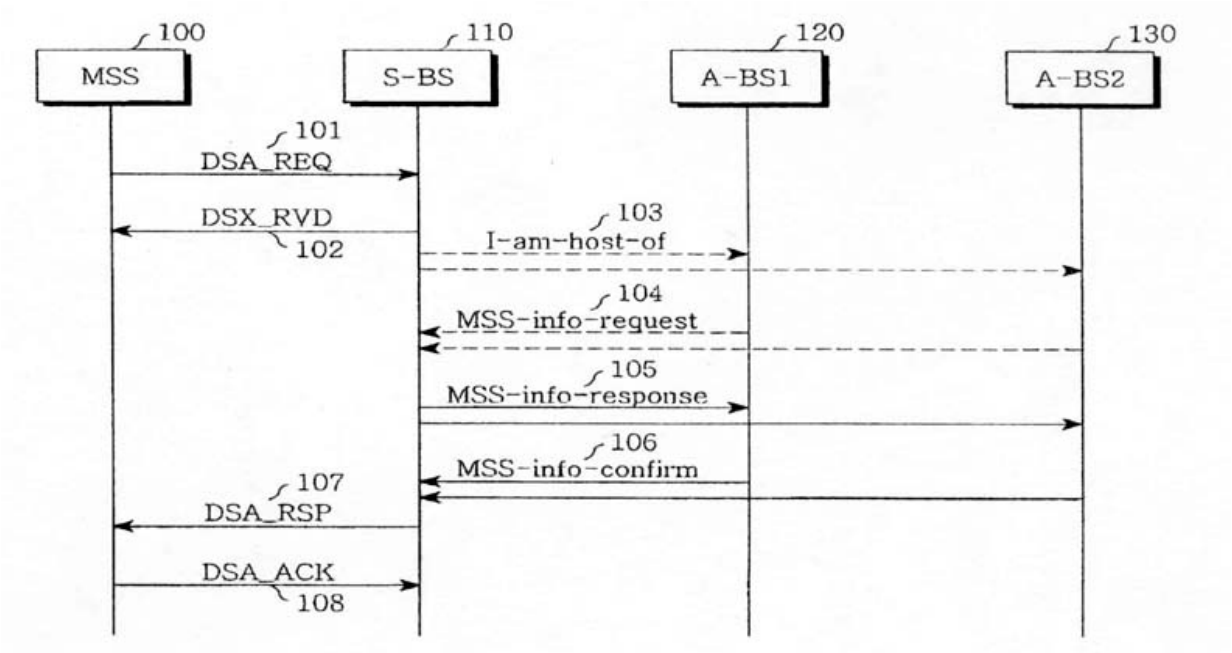
9)LIM GEUN-HWI
10)PARK JUNG-SHIN
11)YOON SEUNG-IL
12)CHANG HONG-SUNG
13)CHANG YONG

No of Pages : 22
No of Claims : 27

(57) Abstract :
A method for managing a service flow of a mobile subscriber station (MSS) in a serving base station (BS) for a mobile communication system including the serving BS in communication with the MSS through a wireless access channel, and at least one active BS included in an active BS set of the MSS. Upon receiving a service flow management request from the MSS, the serving BS updates a service flow with the MSS, and transmits the updated service flow to the active BS using a predetermined message. Upon receiving a response message for the updated service flow from the active BS, the serving BS transmits service flow information of each active BS included in the response message to the MSS.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2489/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DOUBLE-SIDED CUTTING INSERT AND MILLING CUTTER.

(51) International classification :B23C5/22;B23C5/16
(31) Priority Document No :160223
(32) Priority Date :04/02/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2005/000042
Filing Date :12/01/2005
(87) International Publication No :WO 2005/075135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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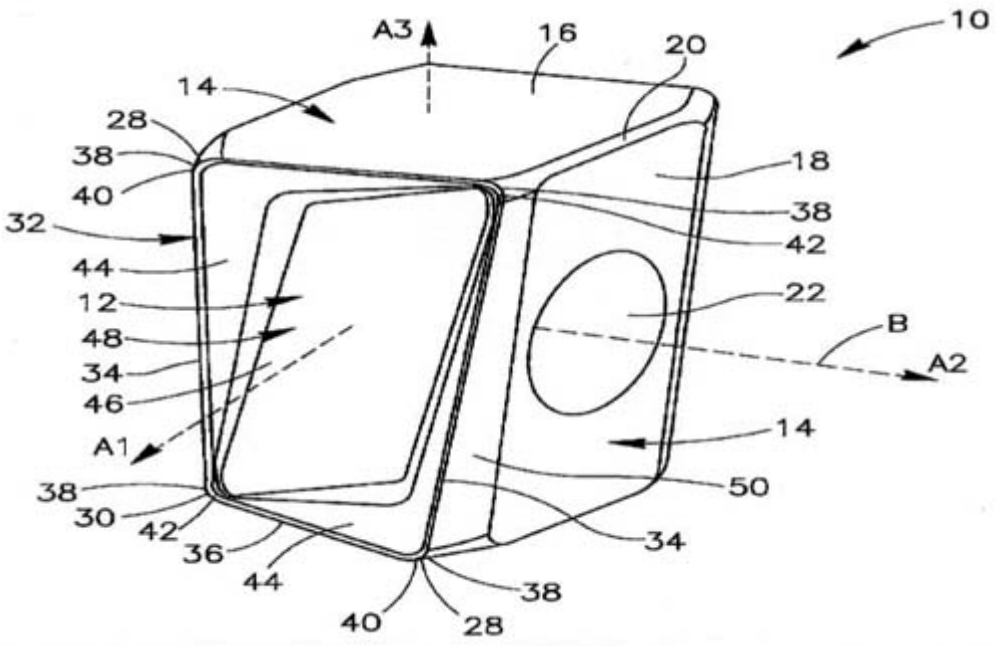
2)BALLAS ASSAF

No of Pages : 15
No of Claims : 17

(57) Abstract :
A double-sided cutting insert (10), for use in a milling cutter (26), having two identical opposing end surfaces (12) and two opposing identical major side surfaces (18) with a through bore (22) extending between, and opening out to, the major side surfaces. Major cutting edges (34) are formed at the intersection of each major side surface with each end surface. Adjacent each major cutting edge, in each major side surface, is a primary relief surface (50). In each cross section of the cutting insert taken in a plane generally perpendicular to the major side surfaces, a line (L, LA, LB, LC) tangent to the primary relief surface at the major cutting edge is inclined to a median plane (M) of the cutting insert at an acute interior angle (X, XA, XB, XC).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2490/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DOWNCOMERS FOR SLURRY BUBBLE COLUMN REACTORS.

(51) International classification :B01J8/22;C10G2/00
(31) Priority Document No :0404069.7
(32) Priority Date :24/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000582
Filing Date :17/02/2005
(87) International Publication No :WO2005/082513 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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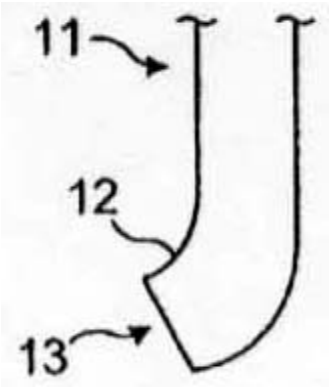
4)JULIUSSEN,Olav
5)WIIG,Per,Oscar

No of Pages : 21
No of Claims : 24

(57) Abstract :
A downcomer (61) for use in a slurry bubble column reactor (60) comprises: an upper part (62) including a slurry inlet (66) through which slurry can enter the downcomer (61), gas separation means (65) arranged to separate gas bubbles from the slurry, and a gas outlet through which the separated gas can escape; an elongate, tabular-shaped intermediate section (63) which extends vertically in use and through which slurry can pass downwards; and a lower portion (64) which has a slurry outlet (71). The slurry outlet (71) is defined by a wall (69) which is inclined relative to the longitudinal axis of the intermediate section (63).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2491/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : DOWNCOMERS FOR SLURRY BUBBLE COLUMN REACTORS.

(51) International classification :B01J8/22;C10G2/00
(31) Priority Document No :0404070.5
(32) Priority Date :24/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000579
Filing Date :17/02/2005
(87) International Publication No :WO2005/082512 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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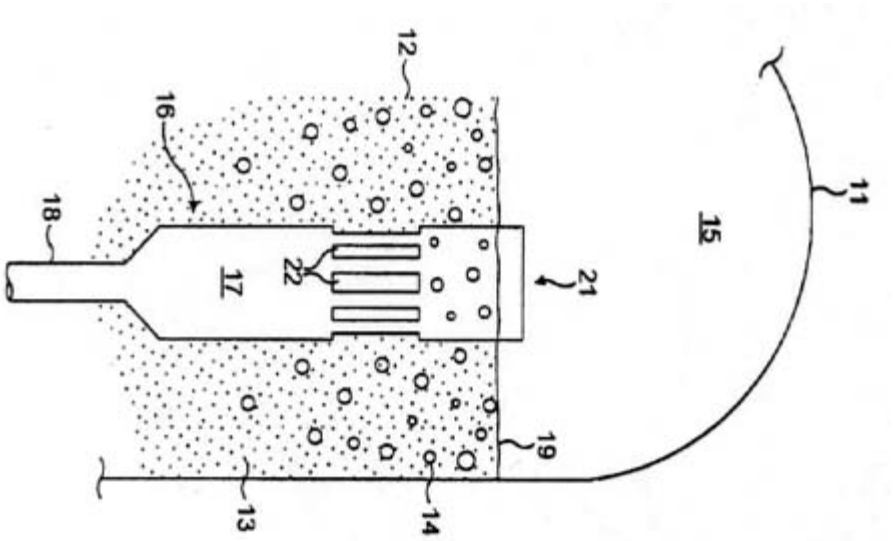
2)SORAKER,Pal
3)JULIUSSEN,Olav
4)WIIG,Per,Oscar

No of Pages : 19

No of Claims : 16

(57) Abstract :
A slurry bubble column reactor (11) arranged in use to include a slurry phase (12) and above the slurry phase (12), a gas phase (15), the reactor (11) includes a downcomer (16) secured within it. The downcomer (16) comprises an elongate tube, the tube having a lower portion (18) and an upper portion (17). The lower portion (18) has a slurry outlet in the region of the bottom of the tube while the upper portion (17) has a slurry inlet arranged to allow slurry to enter the tube and a gas outlet (21) in the region of the top of the tube. The slurry inlet comprises a series of slots (22) in the wall of the upper portion. The uppermost part of the upper portion (17) extends above the surface of the slurry phase (12) in use and is open for fluid communication with the gas phase (15) above the slurry phase (12), thereby providing the gas outlet (21), and the slots (22) in the upper portion (17) are at a position below the surface of the slurry (12) in use.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2492/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : PHYSIOLOGICAL COOLING COMPOSITIONS CONTAINING HIGHLY PURIFIED ETHYL ESTER OF N-[[5-METHYL -2-(1-METHYLETHYL)CYCLOHEXYL) CARBONYL]CARBONYL]GLYCINE.

(51) International classification :C07C 233/63
(31) Priority Document No :10/817,770
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009811
Filing Date :23/03/2005
(87) International Publication No :WO2005/097735 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 23
No of Claims : 29

(57) Abstract :
The present invention provides, in one aspect, a substantially pure ethyl ester of N-[[5-methyl-2-(1-methylethyl)cyclohexyl]carbonyl]glycine. In another aspect, disclosed is a method for producing substantially pure ethyl ester of N-[[5-methyl-2-(1-methylethyl)cyclohexyl]carbonyl]glycine. In still another aspect, disclosed are various consumer products comprising the substantially pure ethyl ester of N-[[5-methyl-2-(1- methylethyl)cyclohexyl]carbonyl]glycine disclosed herein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2493/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : COMPOSITIONS FOR DELIVERING HYPNOTIC AGENTS ACROSS THE ORAL MUCOSA AND METHODS OF USE THEREOF.

(51) International classification :A61K9/00;A61K9/00
(31) Priority Document No :10/783,118
(32) Priority Date :17/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005021
Filing Date :16/02/2005
(87) International Publication No :WO2005/079761 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 92
No of Claims : 118

(57) Abstract :
The present invention provides novel compositions for the delivery of a hypnotic agent across the oral mucosa. In particular, the buffer system in the compositions of the present invention raises the pH of saliva to a pH greater than about 7.8, thereby facilitating the substantially complete conversion of the hypnotic agent from its ionized to its un-ionized form. As a result, the dose of hypnotic agent is rapidly and efficiently absorbed by the oral mucosa with surprisingly low inter-subject variability. Furthermore, delivery of the hypnotic agent across the oral mucosa advantageously bypasses hepatic first pass metabolism of the drug and avoids enzymatic degradation of the drug within the gastrointestinal tract. Methods for using the compositions of the present invention for treating sleep disorders such as insomnia are also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2494/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : A JAR FOR USE IN A DOWNHOLE TOOLSTRING.

(51) International classification	:E21B31/107;E21B31/00
(31) Priority Document No	:10/785,081
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/023342
Filing Date	:21/07/2004
(87) International Publication No	:WO2005/085585 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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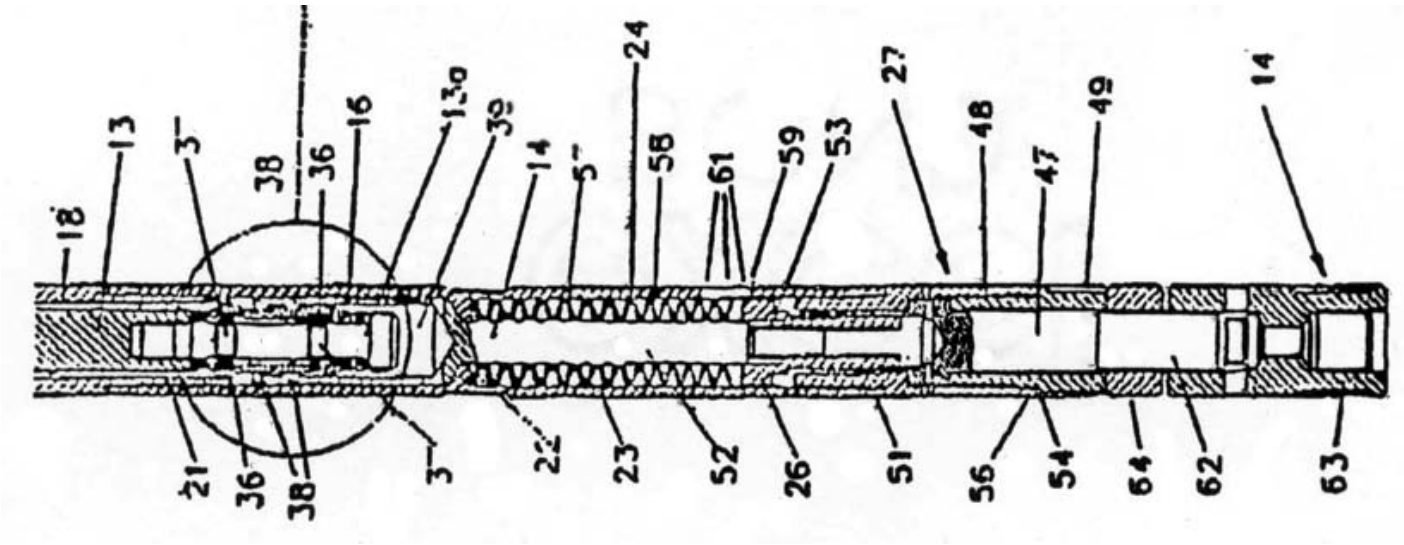
No of Pages : 24
No of Claims : 12

(57) Abstract :
A jar (10), for use in a downhole toolstring comprising: a hollow housing (11); a jar mandrel (13); a latch sub (14); one or more latch keys; (16); a cam surface (17); a chamber (23); a compression spring; and an adjuster (24). The hollow housing (11) supports, moveably retained therein, the jar mandrel (13). The jar mandrel (13) and the latch sub (14) are releasably securable together by means of the one or more latch keys (16); and each latch key (16) is moveable between a latching position, in which the latching sub (14) and the jar mandrel (13) are connected together, and a release position permitting separation thereof. An adjuster portion (51) is threadedly connected to the jar mandrel (13) such that rotation of the adjuster mandrel (47) relative to the jar mandrel (13) alters the length of the chamber (23) and hence the degree of compression of the compression spring (24).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2495/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : METHOD FOR QUANTITATIVELY DETERMINING SPECIFIC CONSTITUTING HEPARINS OR LOW MOLECULAR WEIGHT HEPARINS USING HPLC

(51) International classification	:C08B37/00;
(31) Priority Document No	:04290790.7
(32) Priority Date	:24/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/003720
Filing Date	:23/03/2005
(87) International Publication No	:WO2005/090409 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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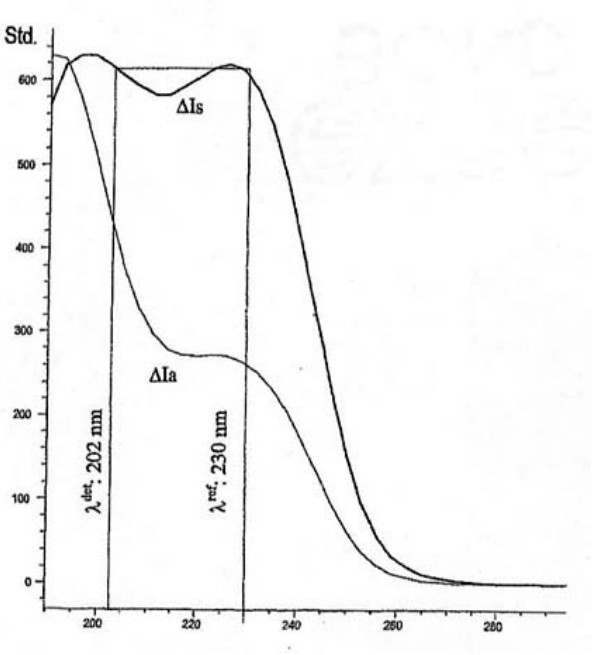
2)VISKOV CHRISTIAN

No of Pages : 36
No of Claims : 49

(57) Abstract :
A method for analysing heparins or low-molecular-weight heparins, characterized in that the sample to be assayed is depolymerized by the action of heparinases and then, where appropriate, the depolymerizate obtained is reduced and then an analysis is carried out by high performance liquid chromatography.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2496/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : IN VITRO TEST SYSTEM FOR PREDICTING PATIENT TOLERABILITY OF THERAPEUTIC AGENTS.

(51) International classification :C12Q1/00;C12Q1/02
(31) Priority Document No :60/550,868
(32) Priority Date :05/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006942
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(61) Patent of Addition 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)CAO,YIN
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No of Pages : 38
No of Claims : 19

(57) Abstract :
Methods for predicting patient tolerability to therapeutic agents, such as cytokines, lymphokines and immunotoxins, are disclosed. The methods utilize an in vitro model of vascular leak syndrome (VLS) to assess the effect of the agent in question on the permeability of large proteins across confluent monolayers of endothelial cells (EC).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006
(21) Application No.2497/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTIFOULING COMPOSITIONS COMPRISING A POLYMER WITH SALT GROUPS.

(51) International classification :C09D 5/16
(31) Priority Document No :04075342.8
(32) Priority Date :03/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/000224
Filing Date :11/01/2005
(87) International Publication No :WO 2005/075581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 25
No of Claims : 12

(57) Abstract :
The invention relates to the use of a polymer comprising salts of aminefunctional groups and/or salts of phosphine-functional groups bound (pendant) to the backbone of the polymer, said salts comprising as counter-ion the anionic residue of an acid having an aliphatic, aromatic, or alkaryl hydrocarbon group comprising at least 5 carbon atoms in antifouling compositions. The invention further relates to antifouling compositions comprising such a polymer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2006

(21) Application No.2498/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTIFOULING COATING COMPOSITION AND ITS USE ON MAN MADE STRUCTURES.

(51) International classification	:C09D5/16
(31) Priority Document No	:04075343.6
(32) Priority Date	:03/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/000563
Filing Date	:19/01/2005
(87) International Publication No	:WO 2005/075582
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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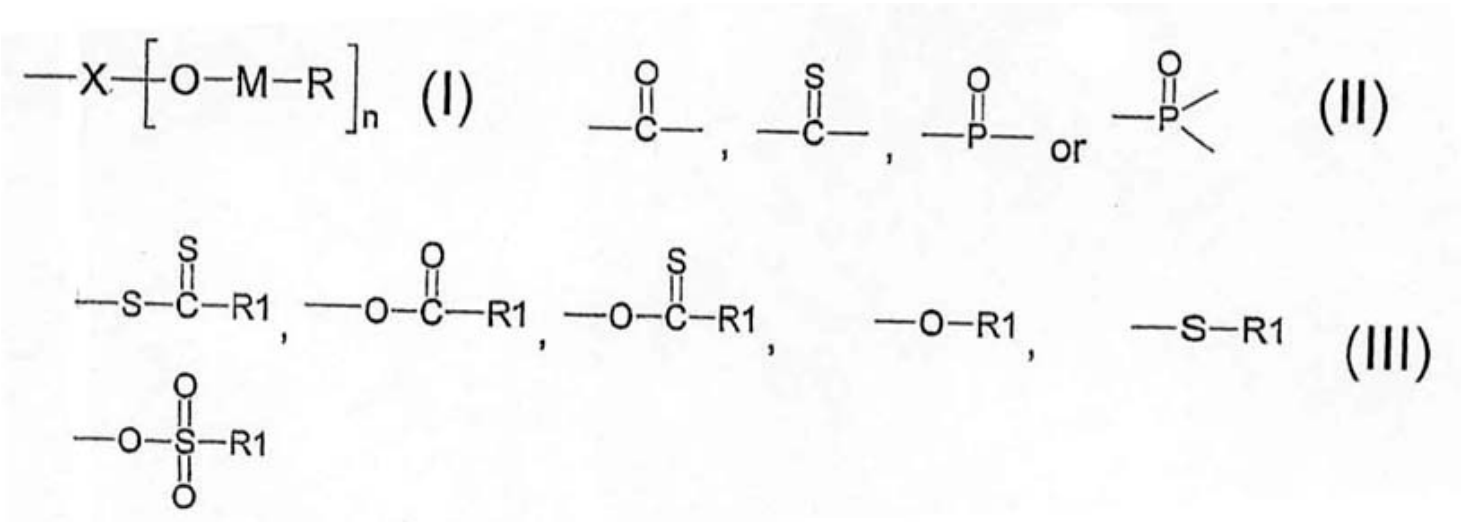
2)SINCLAIR-DAY, JOHN DAVID
3)FINNIE, ALISTAIR ANDREW

No of Pages : 29
No of Claims : 13

(57) Abstract :
Antifoulding coating composition comprising 20-100% by weight, calculated on the total amount of film-forming components, of a film-forming polymer (A) having an acrylic backbone bearing at least-one terminal group of the formula (I), wherein X represents (II), M is a metal of Group Ib, IIa, IIb, IIIa, IIIb, Iva, Ivb, Va, Via, VIb, VIIa, and VIII of the Periodic Table with a valency of 2 or more and a degree of ionization less than that of the alkali metals metal; n is an integer of 1 to 2; R represents an organic residue selected from (III), and R1 is a monovalent organic residue, and 80-0% by weight, calculated of polymer (B) a copper-based biocide for aquatic organisms characterized in that that the antifoulding coating composition is substantially free of any biocidal zinc compounds and substantially free of rosin, and in that the copper-based biocide has a metallic copper content below 2% by weight, based on the total weight of the copper-based biocide.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2006
(21) Application No.2499/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : ANTI-ABETA ANTIBODY

(51) International classification :C07K16/18;C07K16/18
(31) Priority Document No :60/546,764
(32) Priority Date :23/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005198
Filing Date :17/02/2005
(87) International Publication No :WO 2005/082939
(61) Patent of Addition 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)YANG, Hsiu-Chiung
4)MCCLURE, Don, B.

No of Pages : 22
No of Claims : 8

(57) Abstract :
This present invention provides a composition that is suitable for administration to a human subject comprising an anti-Abeta antibody that is free of Abeta peptide or that has acceptably low levels thereof, free of non-human Abeta peptide or that has acceptably low levels thereof, or having an undetectable concentration of Abeta peptide.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2006
(21) Application No.2500/KOLNP/2006 A
(43) Publication Date : 25/05/2007

(54) Title of the invention : BLENDER FOR INGREDIENTS INTO SOFT-SERVE FREEZER PRODUCTS

(51) International classification :B28C7/04; B28C7/00
(31) Priority Document No :10/796,742
(32) Priority Date :09/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007295
Filing Date :07/03/2005
(87) International Publication No :WO2005/086749 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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No of Pages : 34
No of Claims : 64

(57) Abstract :
An assembly is mounted to a soft serve confection freezer. It includes a set of modules in a circular array and separately replaceable in a magazine. Each module supports a container storing a dry food ingredient in particulate form, and has a motor driven product impeller for controlled discharge of particulates from the container to a blender assembly. The blender assembly has a housing and screw-type auger of cooperating configurations and which cooperate with a central passageway for frozen confection flowing from the freezer, to blend solids into the confection and discharge into a customer's container for immediate consumption. Control panel selection of ingredients by the operator according to the customer's order, is provided. Components are arranged to facilitate cleaning.

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.

Serial Number	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	202307	842/MUMNP/2005	20/02/2005	20/02/2004	TEXTILE MACHINE	**RIETER INGOLSTADT SPINNEREIMASCHINENBAU AG.**	02/12/2005	MUMBAI
2	202696	733/MUMNP/2005	06/07/2005	10/01/2003	EXTRUDED MULTIPHASE SOAP BAR HAVING ARTISAN CRAFTED APPEARANCE AND PROCESS OF MAKING THE SAME	**HINDUSTAN LEVER LIMITED**	02/12/2005	MUMBAI
3	203950	IN/PCT/2001/01173/MUM	26/09/2001	26/02/1999	A METHOD OF TREATING KAOLINITIC CLAYS	**IMERYS MINERALS LIMITED**	18/02/2005	MUMBAI
4	203951	IN/PCT/2001/01282/MUM	15/10/2001	23/04/1999	METHOD FOR DISINFECTING AND PURIFYING LIQUIDS AND GASES	**ATLANTIUM LTD.**	17/06/2005	MUMBAI
5	203952	1008/MUM/2003	24/09/2003		A PROCESS FOR THE PREPARATION OF SUSBTITUTED PHENYLGLYCINES USEFUL AS INTERMEDIATES IN THE PREPARATION OF CLOPIODOGREL	**CADILA HEALTHCARE LTD.**	15/07/2005	MUMBAI
6	203953	135/MUMNP/2004	20/02/2004	06/11/2001	TECHNIQUES FOR PERFORMING LOGIC OPERATIONS USING QUANTUM STATES OF SINGLE PHOTONS	**THE JOHNS HOPKINS UNIVERSITY**	18/02/2005	MUMBAI
7	203954	556/MUMNP/2005	03/06/2005	11/05/1999	AN APPARATUS FOR DISTINGUISHING A SINGLE SHEET FROM A MULTIPLE OVERLAPPED SHEETS AND A METHOD THEREOF	**DIEBOLD INCORPORATED**	07/10/2005	MUMBAI
8	203955	245/MUMNP/2003	20/02/2003	22/08/2000	A SEPARATING MULTI-PHASE PERSONAL WASH COMPOSITION IN A TRANSPARENT OR TRANSLUCENT PACKAGE	**HINDUSTAN LEVER LIMITED**	15/07/2005	MUMBAI
9	203956	IN/PCT/2001/00049/MUM	11/01/2001	06/08/1998	SYSTEMS AND METHODS FOR MANAGEMENT OF CURRENT CONSUMPTION AND PERFORMANCE IN A RECEIVER DOWN CONVERTER OF A WIRELESS DEVICE	**ERICSSON, INC.**	06/01/2006	MUMBAI
10	203957	IN/PCT/2000/00641/MUM	21/11/2000	30/03/1999	AN INFORMATION PROVIDING APPARATUS	**SONY CORPORATION**	13/01/2006	MUMBAI
11	203958	IN/PCT/2002/00737/MUM	05/06/2002	18/11/1999	METHOD OF PREPARING AN OPTICAL POLYMERIZATE	**PPG INDUSTRIES OHIO, INC.**	13/03/2004	MUMBAI

12	203959	IN/PCT/2001/00193/MUM	20/02/2001	25/09/1998	AN AMIDE DERIVATIVE AND A PROCESS FOR PREPARING THE SAME	**ASTRAZENECA AB**	04/03/2005	MUMBAI
13	203960	263/MUM/2004	03/03/2004		METHOD OF SYNCHRONOUSLY PROCESSING DATA STREAMS	**PACE SOFT SILICON LIMITED**	11/03/2005	MUMBAI
14	203961	IN/PCT/2001/01046/MUM	04/09/2001	03/03/1999	A PROCESS FOR CONSTRUCTING A SEMICONDUCTOR PACKAGE	**INTEL CORPORATION**	15/06/2005	MUMBAI
15	203962	610/MUMNP/2003	18/06/2003	31/01/2001	METHOD FOR CARBAMOYLATING ALCOHOLS	**WARNER-LAMBERT COMPANY LLC**	24/06/2005	MUMBAI
16	203963	IN/PCT/2001/01450/MUM	20/11/2001	30/10/1998	INDUCTION DEVICES WITH DISTRIBUTED AIR GAPS	**ABB AB**	09/09/2005	MUMBAI
17	203964	618/MUMNP/2003	19/06/2003	21/12/2000	ANTIPERSPIRANT COMPOSITION	**HINDUSTAN LEVER LIMITED**	24/06/2005	MUMBAI
18	203965	1163/MUM/2005	21/09/2005		A PROCESS FOR THE MANUFACTURE OF 5-NONYL SALICYLALDOXIME.	**STAR ORECHEM INTERNATIONAL PVT. LTD.**	18/11/2005	MUMBAI
19	203966	595/MUM/2002	03/07/2002		A PROCESS FOR PREPARING N-[(S)-1-CARBOXYBUTYL]-(S)-ALANINE ESTERS AND APPLICATION IN THE SYNTHESIS OF PERINDOPRIL	**LES LABORATOIRES SERVIER**	17/04/2004	MUMBAI
20	203967	IN/PCT/2001/01641/MUM	24/12/2001	20/07/1999	AUTOMATED BANKING MACHINE SYSTEM AND DEVELOPMENT METHOD	**DIEBOLD INCORPORATED**	06/01/2006	MUMBAI
21	203968	IN/PCT/2001/00253/MUM	05/03/2001	27/07/1999	ELECTROMAGNETIC DEVICE	**JAPAN A. C. R. CO., LTD.**	18/02/2005	MUMBAI
22	203969	IN/PCT/2002/01622/MUM	15/11/2002	16/06/2000	NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS	**BOEHRINGER INGELHEIM [CANADA] LTD.**	11/12/2004	MUMBAI
23	203970	531/MUMNP/2003	23/05/2003	13/12/2000	REINFORCEMENT FIBER BUNDLE AND PRODUCTION METHOD OF SUCH REINFORCEMENT FIBER BUNDLE	**N. V. BEKAERT S. A.**	11/02/2005	MUMBAI
24	203971	612/MUM/2001	04/07/2001		PROCESS FOR PREPARATION OF A GASTRIC RETENTION CONTROLLED DRUG DELIVERY SYSTEM	**SUN PHARMACEUTICAL INDUSTRIES LTD.**	06/08/2005	MUMBAI
25	203972	IN/PCT/2001/00478/MUM	26/04/2001	04/12/1998	BISMUTH OXIDE CATALYST FOR CATHODIC ELECTROCOATING COMPOSITIONS	**E. I. DU PONT DE NEMOURS AND COMPANY**	23/09/2005	MUMBAI
26	203973	516/MUM/2001	01/06/2001		A PROCESS OF MANUFACTURING HERBAL MEDICINAL COMPOSITION WITH COW URINE	**RAHUL PRODUCTS LIMITED**	06/05/2005	MUMBAI

27	203974	IN/PCT/2002/01882/MUM	27/12/2002	29/06/2000	A MICRONEEDLE FOR INTRADERMAL INJECTION OF A PHARMACEUTICAL SUBSTANCE	**BECTON, DICKINSON AND COMPANY**	06/05/2005	MUMBAI
28	203975	IN/PCT/2002/01230/MUM	09/09/2002	14/03/2000	IDLER PULLEY	**THE GATES CORPORATION**	26/06/2004	MUMBAI
29	203976	IN/PCT/2002/00657/MUM	23/05/2002	17/12/1999	MATRIX TABLET ENABLING THE PROLONGED RELEASE OF TRIMETAZIDINE AFTER ADMINISTRATION BY THE ORAL ROUTE	**LES LABORATOIRES SERVIER**	28/02/2004	MUMBAI
30	203977	IN/PCT/2002/01343/MUM	30/09/2002	03/04/2000	PROCESS FOR THE PREPARATION OF NOVEL INDOLIN-2-ONE COMPOUND	**SANOFI-SYNTHELABO**	03/07/2004	MUMBAI
31	203978	13/MUM/2002	08/01/2002		A SEMI SANDWICH PANEL	**HANKUK FIBER GLASS CO. LTD.**	13/05/2005	MUMBAI
32	203979	IN/PCT/2002/00285/MUM	07/03/2002	05/07/2000	A DEVICE FOR DETERMINING THE LOCATION OF A MALIGNANT NEOPLASM AND ITS RADIOTHERAPY USING X-RAY BEAMS	**KUMAKHOV, MURADIN ABUBEKIROVICH**	15/07/2005	MUMBAI
33	203980	IN/PCT/2001/01013/MUM	30/08/2001	12/03/1999	PROCESS FOR MAINTAINING A PROPERTY P OF A POLYISOBUTENE	**BP CHEMICALS LIMITED**	15/07/2005	MUMBAI
34	203981	IN/PCT/2001/00469/MUM	26/04/2001	26/10/1998	METHOD OF PRODUCING LIPOIC ACID DERIVATIVES	**THE RESEARCH FOUNDATION OF STATE UNIVERSITY**	18/02/2005	MUMBAI
35	203982	IN/PCT/2001/01219/MUM	05/10/2001	31/03/1999	DEVICE FOR TREATING A SURFACE, IN PARTICULAR A TEXTILE OR A SURFACE	**SARA LEE / DE N. V.**	19/08/2005	MUMBAI
36	203983	IN/PCT/2000/00660/MUM	23/11/2000	09/06/1998	A METHOD FOR ENHANCING THE OPERATION OF A BLAST FURNACE IN THE MANUFACTURE OF IRON	**BETZDEARBORN INC.**	15/07/2005	MUMBAI
37	203984	IN/PCT/2001/01194/MUM	28/09/2001	06/04/1999	PROCESS FOR PRODUCING CELLULOSE PULP AND FERTILIZER CONTAINING POTASSIUM	**CHEMPOLIS OY**	18/02/2005	MUMBAI
38	203985	IN/PCT/2001/00312/MUM	20/03/2001	02/10/1998	IMPROVEMENTS IN OR RELATING TO SEAT SUSPENSION ARRANGEMENTS	**YOUNGFLEX A. G.**	18/02/2005	MUMBAI
39	203986	1049/MUM/2003	07/10/2003		AYURVEDIC ANTIRETROVIRAL COMPOSITION FOR TREATMENT OF ACQUIRED IMMUNO DEFICIENCY SYNDROME	**BAKUL JAIN**	09/09/2005	MUMBAI
40	203987	795/MUM/2001	14/08/2001	08/09/2000	A CONTAINER BOX IN A TWO-WHEELED MOTOR VEHICLE WITH A BODY FRAME	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	19/08/2005	MUMBAI

41	203988	IN/PCT/2001/00636/MUM	01/06/2001	17/12/1998	AN AROMATIC ALKYLATION PROCESS	**MOBIL OIL CORPORATION**	21/10/2005	MUMBAI
42	203989	1094/MUM/2001	19/11/2001		HIGH POWER FACTOR FUSE PROTECTED PHASE CONTROLLED CONVERTER	**INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY**	13/05/2005	MUMBAI
43	203990	IN/PCT/2002/00612/MUM	14/05/2002	03/12/1999	A PROCESS FOR THE PREPARATION OF A CRYSTALLINE FORM OF A COMPOUND OF (S)-2-ETHOXY-3-[4-(-2-{4-METHANESULFONYLOXYPHENYL} ETHOXY)PHENYL] PROPANOIC ACID	**ASTRAZENECA AB**	28/02/2004	MUMBAI
44	203991	IN/PCT/2000/00028/MUM	27/04/2000	18/09/1998	A MACHINE FOR MAKING FILTER BAGS	**I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.**	17/06/2005	MUMBAI
45	203992	175/MUMNP/2005	09/03/2005	28/08/2002	ELECTROLYSIS CELL	**HY-DRIVE TECHNOLOGIES LTD.**	30/09/2005	MUMBAI
46	203993	905/MUMNP/2003	24/09/2003	12/04/2001	AN IMMEDIATE-RELEASE PHARMACEUTICAL 3, 7-DIAZABICYCLO FORMULATION	**ASTRAZENECA AB**	21/10/2005	MUMBAI
47	203994	584/MUMNP/2004	19/10/2004	25/04/2002	A METHOD OF CHARACTERIZING A RELATIONSHIP BETWEEN A FIRST AND A SECOND AUDIO SAMPLES	**LANDMARK DIGITAL SERVICES LLC.**	24/06/2005	MUMBAI
48	203995	IN/PCT/2002/01565/MUM	07/11/2002	15/05/2000	PROCESS AND APPARATUS FOR PRODUCING PIG IRON OR LIQUID PRIMARY STEEL PRODUCTS FROM IRON-ORE CONTAINING CHARGE MATERIALS	**VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO**	11/12/2004	MUMBAI
49	203996	IN/PCT/2002/01489/MUM	24/10/2002	12/05/2000	PERCUSSIVE IMPLEMENT OF THE ROCK BREAKER TYPE	**ETABLISSEMENTS MONTABERT**	04/09/2004	MUMBAI
50	203997	212/MUMNP/2005	18/03/2005	27/09/2002	COMPOSITION AND METHOD FOR BLEACHING A SUBSTRATE	**HINDUSTAN LEVER LIMITED**	23/09/2005	MUMBAI
51	203998	315/MUMNP/2004	26/05/2004	25/05/2001	A LIQUID PHARMACEUTICAL COMPOSITION COMPRISING A GAMMA-AMINOBUTYRIC ACID (GABA) ANALOG	**WARNER-LAMBERT COMPANY LLC**	29/04/2005	MUMBAI
52	203999	324/MUMNP/2005	25/04/2005	18/09/1998	ORALLY ADMINISTRABLE MULTIPLE-UNIT SUSTAINED-RELEASE DOSE FORMULATION	**BAYER AKTIENGESELLSCHAFT**	23/09/2005	MUMBAI
53	204000	IN/PCT/2001/00010/MUM	02/01/2001	17/07/1998	METHOD AND DEVICE FOR LIQUID PURIFICATION OF CRUDE GAS FLOWS	**BAYER AKTIENGESELLSCHAFT**	17/06/2005	MUMBAI
54	204001	IN/PCT/2002/00270/MUM	05/03/2002	10/09/1999	MULTIPLE AUTOMOBILE TRANSPORT SYSTEM	**KAR-TAINER INTERNATIONAL INC.**	15/07/2005	MUMBAI

55	204002	IN/PCT/2002/01778/MUM	11/12/2002	05/07/2000	PROCESS FOR THE PREPARATION OF SUBSTITUTED OCTANOYL AMIDES	**SPEEDEL PHARMA AG**	04/02/2005	MUMBAI
56	204003	1205/MUM/2004	08/11/2004		INTERACTIVE SYSTEM FOR ONLINE COMPLAINT REGISTRATION AND MONITORING AND METHOD THEREOF	**SINGH YASHASVI**	21/04/2006	MUMBAI
57	204004	540/MUM/2001	12/06/2001	19/06/2000	A METHOD OF SYNCHRONIZING DRIVE TO A GAS-INSULATED CIRCUIT BREAKER WITH THE VOLTAGE WAVEFORM	**AREVA T&D SA**	12/08/2005	MUMBAI
58	204005	IN/PCT/2002/00541/MUM	26/04/2002	09/11/1999	METHOD FOR INSPECTING THE SURFACE QUALITY OF THE DEPOSIT CREATED ON THE SURFACE OF AN ELECTRODE IN THE ELECTROLYTIC TREATMENT OF METALS	**OUTOKUMPU OYJ**	06/05/2005	MUMBAI
59	204006	366/MUMNP/2003	03/04/2003	17/10/2000	1-PHENYL-ALKYL AMIDE-2-PHENYL-4-PIPERAZIN-1-YL-PIPERIDINE COMPOUND AND PROCESS FOR THE PREPARATION THEREOF	**GLAXO GROUP LIMITED**	04/03/2005	MUMBAI
60	204007	IN/PCT/2001/00352/MUM	30/03/2001	17/10/1998	AN APPARATUS COMPRISING A CLOSURE-CAP AND A CONTAINER	**BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG**	15/07/2005	MUMBAI
61	204008	356/MUMNP/2003	31/03/2003	11/10/2000	HALOGENATED ELASTOMERIC COMPOSITIONS HAVING IMPROVED STABILITY AND GREEN STRENGTH	**EXXONMOBIL CHEMICAL PATENTS INC**	20/01/2006	MUMBAI
62	204009	IN/PCT/2002/01260/MUM	13/09/2002	21/03/2000	SUSTAINED RELEASE DELIVERY SYSTEMS FOR SOLUTES	**FARRINGTON PHARMACEUTICALS INC.**	26/06/2004	MUMBAI
63	204010	IN/PCT/2002/00934/MUM	10/07/2002	29/12/1999	METHOD AND DEVICE FOR WIRELESS COMMUNICATION BETWEEN ELECTRONIC DEVICES	**INTEL CORPORATION**	17/04/2004	MUMBAI
64	204011	116/MUMNP/2003	27/01/2003	27/07/2000	POLYSILOXANE COMPOUND	**GE BAYER SILICONES GMBH & CO. KG.**	04/02/2005	MUMBAI
65	204012	IN/PCT/2001/00662/MUM	07/06/2001	18/12/1998	ORAL VACCINE COMPOSITION AGAINST ENTEROTOXIGENIC E. COLI CAUSED DIARRHEA	**SBL VACCIN AB**	04/03/2005	MUMBAI
66	204013	IN/PCT/2002/01888/MUM	30/12/2002	27/06/2000	DEVICE FOR READING AND COLLECTING MEDIA WHICH CAN BE READ WITHOUT CONTACT	**THALES**	04/02/2005	MUMBAI
67	204014	206/MUMNP/2003	07/02/2003	27/07/2000	FACEPLATE FOR AN ELECTRICAL SWITCHBOARD	**ABB SERVICE S. R. L**	11/02/2005	MUMBAI
68	204015	174/MUM/2000	01/03/2000	03/03/1999	A FONT CONTROLLING DISPLAY APPARATUS	**SONY CORPORATION**	30/12/2005	MUMBAI

69	204016	81/MUM/2001	24/01/2001	01/02/2000	A BURGLAR-ALARM APPARATUS FOR A MOTORCYCLE	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	10/06/2005	MUMBAI
70	204017	IN/PCT/2002/01758/MUM	09/12/2002	16/06/2000	A METHOD FOR DRY DISTILLATION EXTRACTING THE LIQUOR FROM HAW PITS AND THE DEVICE USED THEREIN	**YI SHI**	26/08/2005	MUMBAI
71	204018	IN/PCT/2002/01051/MUM	02/08/2002	25/02/2000	SYSTEM AND METHOD FOR TRANSFERRING CRYOGENIC FLUIDS	**EXXONMOBIL UPSTREAM RESEARCH COMPANY**	29/05/2004	MUMBAI
72	204019	IN/PCT/2001/00645/MUM	04/06/2001	24/12/1998	AN ABSORBENT STRUCTURE	**BKI HOLDING CORPORATION**	09/09/2005	MUMBAI
73	204020	913/MUM/2003	04/09/2003		IMPROVED PROCESS FOR THE SYNTHESIS OF ZALEPLON	**M/S. CIPLA LIMITED**	10/06/2005	MUMBAI
74	204021	IN/PCT/2001/00650/MUM	06/06/2001	24/12/1998	METHOD OF MANUFACTURING A VIBRATING STRUCTURE GYROSCOPE	**BAE SYSTEMS PLC**	19/08/2005	MUMBAI
75	204022	IN/PCT/2002/00711/MUM	03/06/2002	22/02/2000	A PROCESS AND SYSTEM FOR PRODUCING A PARA-XYLENE ENRICHED PRODUCT FROM A FEED STREAM XYLENES AND ETHYLBENZENE	**EXXONMOBIL CHEMICAL PATENTS INC.**	13/03/2004	MUMBAI
76	204023	925/MUMNP/2003	29/09/2003	28/03/2001	A SYSTEM AND METHOD FOR NETWORK BASED MONITORING OF DATA FROM A PATIENT-SIDE PHYSIOLOGICAL COLLECTION DEVICE	**TELEVITAL, INC.**	29/04/2005	MUMBAI
77	204024	IN/PCT/2002/00012/MUM	03/01/2002	05/08/1999	METHOD OF MANUFACTURING A SPARK PLUG WITH CONCENTRICALLY DISPOSED DOUBLE RING GROUND ELECTRODE	**HALO INC**	15/07/2005	MUMBAI
78	204025	702/MUMNP/2004	06/12/2004	19/07/2002	ISOMALTULOSE-CONTAINING INSTANT BEVERAGE POWDER	**SUDZUCKER AKTIENGESELLSCHAFT**	18/02/2005	MUMBAI
79	204026	375/MUMNP/2003	07/04/2003	17/10/2000	A DENTAL FLOSS HOLDER	**ERIK FORSSELL**	11/02/2005	MUMBAI
80	204027	786/MUM/2001	10/08/2001	01/09/2000	METAL CUTTING TOOL WITH DIRECT CUTTING PLATE ARRANGEMENT	**WALTER AKTIENGESELLSCHAFT**	19/03/2005	MUMBAI
81	204028	IN/PCT/2001/00436/MUM	20/04/2001	10/11/1998	HIV REPLICATION INHIBITING PYRIMIDINES	**JANSSEN PHRAMACEUTICA N. V.**	04/03/2005	MUMBAI
82	204029	IN/PCT/2002/00698/MUM	29/05/2002	09/11/1999	MOUNTING OF FLEXIBLE DISPLAY PANELS	**OMNIGRAPHICS CAPITAL [PTY] LTD.**	28/02/2004	MUMBAI
83	204030	IN/PCT/2002/00167/MUM	11/02/2002	21/09/1999	AUTOMATED TRANSACTION MACHINE WITH TRANSPORT PATH VERIFICATION	**DIEBOLD INCORPORATED**	15/07/2005	MUMBAI

84	204031	214/MUMNP/2003	10/02/2003	11/08/2000	PERFLUOROALKYL-CONTAINING COMPLEXES WITH POLAR RADICALS, AND PROCESS FOR THE PRODUCTION THEREOF	**SCHERING AKTIENGESELLSCHAFT**	11/02/2005	MUMBAI
85	204032	IN/PCT/2002/01166/MUM	26/08/2002	03/03/2000	GAS RECOVERY DEVICE	**KUESPERT, DON**	05/06/2004	MUMBAI
86	204033	IN/PCT/2002/00149/MUM	01/02/2002	30/07/1999	ANTI-REFLECTION COATINGS AND COATED ARTICLES	**1)PETER D. HAALAND 2)B. VINCENT MCKOY**	15/07/2005	MUMBAI
87	204034	844/MUMNP/2003	08/09/2003	07/03/2001	A PROCESS FOR PREPARATION OF PHTHALANES	**CIPLA LIMITED**	15/07/2005	MUMBAI
88	204035	455/MUMNP/2005	18/05/2005	09/06/2000	A SINGLE MODE OPTICAL FIBRE	**DRAKA FIBRE TECHNOLOGY B.V.**	02/12/2005	MUMBAI
89	204036	114/MUMNP/2003	24/01/2003	11/08/2000	A PROCESS FOR THE POLYMERIZATION OF a-OLEFIN TO PROVIDE A LIQUID POLYALPHAOLEFIN HOMO-OR COPOLYMER	**UNIROYAL CHEMICAL COMPANY, INC.**	04/02/2005	MUMBAI
90	204037	IN/PCT/2001/01580/MUM	11/12/2001	12/07/1999	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY & A METHOD OF PURIFYING THE GAS	**SAES PURE GAS, INC.**	18/02/2005	MUMBAI
91	204038	IN/PCT/2001/01294/MUM	18/10/2001	04/05/1999	CYCLOTHIOCARBAMATE DERIVATIVES AS PROGESTERONE RECEPTOR MODULATORS	**1)WYETH (FORMERLY KNOWN AS AMERICAN HOME PRODUCTS CORPORATION), 2) LIGAND PHARMACEUTICALS INC.**	04/03/2005	MUMBAI
92	204039	IN/PCT/2000/00229/MUM	27/07/2000	08/12/1998	TRANSPARENT PERFUME COMPOSITION	**FIRMENICH SA**	15/07/2005	MUMBAI
93	204040	IN/PCT/2002/01817/MUM	16/12/2002	22/06/2000	AN OPTICAL FIBER COMPRISING A RADIATION CURABLE INTERNAL COATING	**PIRELLI CAVI E SISTEMI S. P. A.**	04/02/2005	MUMBAI
94	204041	IN/PCT/2000/00032/MUM	11/05/2000	01/10/1998	STARTING CATHODS OF COPPER STRIP FOR COPPER ELECTROLYSIS AND METHOD OF PRODUCING SAME	**KAZ KUPFER GMBH**	18/02/2005	MUMBAI
95	204042	882/MUM/2001	13/09/2001	25/09/2000	POWER SUPPLYING APPARATUS FOR VEHICLE	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	18/02/2005	MUMBAI
96	204043	810/BOM/1999	17/11/1999	19/11/1998	ANTIPARASITIC FORMULATIONS	**PFIZER INC.**	04/03/2005	MUMBAI
97	204044	IN/PCT/2001/00780/MUM	28/06/2001	14/12/1999	PROCESS FOR PRODUCING SALTS OF CYANOBENZYLAMINES	**SHOWA DENKO K. K.**	17/06/2005	MUMBAI
98	204045	IN/PCT/2002/01233/MUM	11/09/2002	14/03/2000	REGENERATIVE HEAT EXCHANGER AND METHOD FOR HEATING A GAS THEREWITH	**L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITAION**	26/06/2004	MUMBAI

99	204046	IN/PCT/2002/01227/MUM	09/09/2002	22/03/2000	CAGE FOR A CAGE-LIKE INTERVERTEBRAL IMPLANT	**SCOLIO GMBH**	16/06/2005	MUMBAI
100	204047	IN/PCT/2002/00653/MUM	21/05/2002	20/12/1999	METHOD FOR FEEDING A GAS INTO A METALLURGICAL VESSEL AND A NOZZLE FOR CARRYING OUT THE METHOD	**VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO**	28/02/2004	MUMBAI
101	204048	IN/PCT/2000/00346/MUM	30/08/2000	04/03/1998	DISPENSING DEVICE FOR FLUID PRODUCT ACTIVATED BY INHALING	**TEBRO**	15/07/2005	MUMBAI
102	204049	1137/MUMNP/2003	15/12/2003	12/06/2001	PROCESS FOR THE PRODUCTION OF N-[3-(3-CYANOPYRAZOLO[1,5-A] PYRIMIDIN-7-YL)PHENYL]-N-ETHYLACETAMIDE (ZALEPLON)	**TEVA PHARMACEUTICALS WORKS PRIVATE LIMITED COMPANY**	29/04/2005	MUMBAI
103	204050	761/MUM/2000	17/08/2000	15/09/1999	HAND-HELD HYDRAULIC PRESSING APPARATUS	**GUSTAV KLAUKE GMBH**	20/01/2006	MUMBAI
104	204051	IN/PCT/2002/00145/MUM	31/01/2002	24/09/1999	ANTIVIRAL COMPOSITIONS	**JANSSEN PHARMACEUTICA N.V.**	18/03/2005	MUMBAI
105	204052	IN/PCT/2002/01883/MUM	27/12/2002	29/06/2000	A NEEDLE FOR INTRADERMAL DELIVERY OF A SUBSTANCE INTO SKIN	**BECTON DICKINSON AND COMPANY**	04/02/2005	MUMBAI
106	204053	IN/PCT/2001/00297/MUM	15/03/2001	29/09/1998	A PROCESS FOR THE TRANSFER HYDROGENATION OF FORMULA 1	**AVECIA LIMITED**	19/08/2005	MUMBAI
107	204054	IN/PCT/2000/00110/MUM	20/06/2000	24/12/1997	A SYSTEM FOR MONITORING OR ANALYZING THE PERFORMANCE OF GRAPHIC CONTROLLERS	**INTEL CORPORATION**	17/06/2005	MUMBAI
108	204055	IN/PCT/2002/01328/MUM	25/09/2002	27/03/2000	A VOICEMAIL SYSTEM	**SOMA NETWORKS, INC.**	21/01/2005	MUMBAI
109	204056	IN/PCT/2001/00058/MUM	15/01/2001	03/02/1999	FOOT FOR THE CABINET OF ELECTRICAL HOUSEHOLD APPLIANCES AND OTHER FURNITURE ARTICLES	**MULTIBRAS S. A. ELETRODOMESTICOS**	02/12/2005	MUMBAI
110	204061	00336/MUMNP/2004	15/06/2004	12/12/2001	DEUTERATED SUBSTITUTED DIHYDR-OFURANONES AND PHARMACEUTICALS CONTAINING THESE COMPOUNDS	**TORICUM DRUG DEVELOPMENT AG**	18/02/2005	MUMBAI
111	204064	804/MUM/2001	17/08/2001	08/09/2000	A COOLING SYSTEM FOR A WATER COOLED TYPE INTERNAL COMBUSTION ENGINE	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	19/08/2005	MUMBAI
112	204065	100/MUM/2003	28/01/2003		A METHOD OF PREPARING BIOACTIVE EXTRACTS FROM BIOMASS	**DR. SHANTARAM GOVIND KANE**	04/02/2005	MUMBAI

113	204066	IN/PCT/2001/01481/MUM	26/11/2001	04/06/1999	A COMPUTER-BASED SYSTEM AND METHOD FOR TESTING AND VALIDATING AN EMBEDDED OPERATING SYSTEM WITHIN A TARGET DEVICE	**BSQUARE CORPORATION**	18/02/2005	MUMBAI
114	204068	00822/MUM/2003	18/08/2003		AN IMPROVED INTEGRATED DRIVE SYSTEM USED IN ELECTRICALLY OPERATED ROAD VEHICLE	**BAJAJ AUTO LTD**	20/01/2006	MUMBAI
115	204070	00615/MUM/2004	02/06/2004		PROCESS OF PREPARING STABLE PHOSPHOLIPID FORMULATION IN INJECTABLE FORM USING AQUEOUS SOLVENT BY FORMATION OF BILE SALT CONJUGATES	**NABROS PHARMA PVT LTD,**	11/11/2005	MUMBAI
116	204070	615/MUM/2004	02/06/2004		PROCESS OF PREPARING STABLE PHOSPHOLIPID FORMULATION IN INJECTABLE FORM USING AQUEOUS SOLVENT BY FORMATION OF BILE SALT CONJUGATES	**Nabros Pharma Pvt. Ltd.,,Dr. Ambikanandan Misra,**	11/11/2005	MUMBAI
117	204079	IN/PCT/2002/00605/MUM	13/05/2002	01/12/1999	A PHARMACEUTICAL COMPOSITION COMPRISING (S)-(-)-a-ETHYL-2-OXO-1-PYRROLIDINEACETAMIDE	**UCB S.A.**	28/02/2004	MUMBAI
118	204080	IN/PCT/2001/01048/MUM	04/09/2001	25/01/2000	HIGH EFFICIENCY FUEL OIL ATOMIZER	**JOHN ZINK COMPANY L.L.C.**	17/06/2005	MUMBAI
119	204081	820/MUM/2002	12/09/2002		METHOD AND APPARATUS FOR IMPUTTING DATA PARTICULARLY NON-ENGLISH CHARACTER TEXT WITH LIMITED SET OF KEYS	**CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING**	26/06/2004	MUMBAI
120	204082	IN/PCT/2002/01246/MUM	12/09/2002	03/03/2000	A COMPOUND O-ARYL GLUCOSIDE AND A PHARMACEUTICAL COMPOSITION THEREOF	**BRISTOL-MYERS SQUIBB COMPANY**	04/03/2005	MUMBAI
121	204083	677/MUM/2001	17/07/2001	31/07/2000	BODY STRUCTURE OF A MOTORCYCLE	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	19/08/2005	MUMBAI
122	204084	401/MUM/2004	01/04/2004		A MILLING HEAD ATTACHMENT	**JOHN PETER RUPAWATE**	03/03/2006	MUMBAI
123	204085	IN/PCT/2000/00715/MUM	08/12/2000	16/06/1998	QUADRIPHASE SPREADING CODES IN CODE DIVISION MULTIPLE ACCESS COMMUNICATIONS	**TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]**	15/07/2005	MUMBAI
124	204086	00254/MUM/2002	15/03/2002		A METHOD AND APPARATUS FOR PRODUCING OXYGEN ENRICHED WATER	**RASIKLAL MANIKCHAND DHARIWAL**	05/05/2006	MUMBAI

125	204086	254/MUM/2002	15/03/2002		A METHOD AND APPARATUS FOR PRODUCING OXYGEN ENRICHED WATER	**RASIKLAL MANIKCHAND DHARIWAL**	05/05/2006	MUMBAI
126	204087	87/MUM/2002	30/01/2002		AN IMPROVED ADJUSTABLE SPANNER	**TAPARIA TOOLS LIMITED**	13/05/2005	MUMBAI
127	204088	IN/PCT/2002/01215/MUM	05/09/2002	22/03/2000	PLASMA ACCELERATOR ARRANGEMENT	**THALES ELECTRON DEVICES GMBH**	26/06/2004	MUMBAI
128	204089	171/MUM/2001	13/02/2001		MOBILE FREEZER UNITS	**KIRLOSKAR COPELAND LIMITED**	12/08/2005	MUMBAI
129	204091	00863/MUMNP/2003	12/09/2003	26/04/2002	COMPOUND OF 5,8,14-TRIAZATRACYCLO[10.3.1 .02.11.04.9]-HEXADECA-2(11),3,5,7,9-PENTAENE	**PFIZER PRODUCTS INC**	21/10/2005	MUMBAI
130	204091	863/MUMNP/2003	12/09/2003	14/05/2001	OF 5,8,14-TRIAZATRACYCLO[10.3.1 .02.11.04.9]-HEXADECA-2(11),3,5,7,9-PENTAENE.	**PFIZER PRODUCTS INC.**	21/10/2005	MUMBAI
131	204092	1029/MUM/2001	22/10/2001		A MEASURING SYSTEM FOR ON-LINE MEASUREMENT OF CORROSION RATE OF METALS IN AN AQUEOUS MEDIUM	**DEPARTMENT OF ATOMIC ENERGY**	13/05/2005	MUMBAI
132	204093	IN/PCT/2002/01255/MUM	13/09/2002	31/03/2002	PROCESS FOR THE INDUSTRIAL SYNTHESIS OF N-[(S)-1-CARBOXYBUTYL]-(s)-ALANINE ESTERS	**LES LABORATORIES SERVIER**	26/06/2004	MUMBAI
133	204093	IN/PCT/2002/1255/MUM	13/09/2002	31/03/2002	PROCESS FOR THE INDUSTRIAL SYNTHESIS OF N-[(S)-1-CARBOXYBUTYL]-(S)-ALANINE ESTERS	**LES LABORATORIES SERVIER**	26/06/2004	MUMBAI
134	204094	00913/MUMNP/2003	25/09/2003	11/04/2001	A COMPOUND PHENYL HETEROCYCLYL ETHER	**PFIZER INC.**	21/10/2005	MUMBAI
135	204094	913/MUMNP/2003	25/09/2003	11/04/2001	A COMPOUND PHENYL HETEROCYCLYL ETHER	**PFIZER INC.**	21/10/2005	MUMBAI
136	204095	512/MUM/2002	11/06/2002		A METHOD OF MANUFACTURING LUBRICATING GELS FROM POLYOLEFFINIC WASTE	**1)PROF. ANANT B. MARATHE 2)PROF. PRASHANT V. THORAT 3)PROF SHIRISH N. NEMADE**	20/03/2004	MUMBAI
137	204095	00512/MUM/2002	11/06/2002		A METHOD OF MANUFACTURING LUBRICATING GELS FROM POLYOLEFFINIC WASTE	**PROF.ANANT BALKRISHNA MARATHE,PRASHANT VISHWASRAO THORAT & SHIRISH NANARAO NEMADE**	20/03/2004	MUMBAI
138	204096	IN/PCT/2002/01181/MUM	28/08/2002	22/03/2000	A COMPRESSED TABLET	**PHARMACIA & UPJOHN COMPANY**	05/06/2004	MUMBAI
139	204097	769/MUMNP/2003	18/08/2003	16/03/2001	A TABLET PRESS MACHINE	**I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.**	29/04/2005	MUMBAI
140	204098	IN/PCT/2002/01221/MUM	06/09/2002	20/06/2000	A LID FOR A CAN	**BRASILATA S.A. EMBALAGENS METALICAS**	26/06/2004	MUMBAI
141	204099	143/MUM/2001	08/02/2001	17/02/2000	CARDING ENGINE	**TRUETZSCHLER CARD CLOTHING GMBH**	18/02/2005	MUMBAI

142	204100	IN/PCT/2002/00890/MUM	02/07/2002	25/01/2000	NOVEL 1,3-DIHYDRO-2H-INDOL-2-ONE COMPOUNDS	**SANOFI-SYNTHELABO**	17/04/2005	MUMBAI
143	204101	392/MUMNP/2005	09/05/2005	27/11/2002	METHOD FOR PRODUCING GEOTEXTILES WITH A DEFINED ISOTROPY FROM MELT-SPUN FILAMENTS	**POLYFELT GES.M.B.H.**	30/09/2005	MUMBAI
144	204102	IN/PCT/2000/580/MUM	01/11/2000	11/05/1998	TYRE	**COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN-MICHELINE & CIE**	15/07/2005	MUMBAI
145	204103	270/MUMNP/2005	11/04/2005	30/09/2002	METHOD FOR THE PRODUCTION OF CATALYTICALLY ACTIVE LAYER SILICATES	**IKO MINERALS GMBH**	23/09/2005	MUMBAI
146	204104	00672/MUM/2003	01/07/2003		IMPROVED GEAR SHIFTING SYSTEM OF TWO OR THREE WHEELED VEHICLES	**BAJAJ AUTO LTD**	01/04/2005	MUMBAI
147	204105	00135/MUM/2001	07/02/2001		SMALL CARRYING TRUNK FOR TWO-WHEELED VEHICLES	**PIAGGIO & C.S.P.A.**	10/06/2005	MUMBAI
148	204106	00355/MUM/2001	20/04/2001		SUBSTITUTED IMINOAZINES OF THE GENERAL FORMULA (1)	**BAYER AKTIENGESELLSCHAFT**	04/03/2005	MUMBAI
149	204107	00548/MUM/2003	30/05/2003		SELF AIR-BLEEDING FUEL SUPPLY SYSTEM FOR A DIESEL ENGINE WITH GRAVITY PRIMED FUEL FEED PUMP	**MAHINDRA & MAHINDRA LTD**	11/02/2005	MUMBAI
150	204108	00152/MUM/2002	19/02/2002		SWITCHABLE HEAT PIPE	**INDIAN INSTITUTE OF TECHNOLOGY**	13/05/2005	MUMBAI
151	204109	00679/MUM/2001	17/07/2001		A REAR CUSHION MOUNTING STRUCTURE IN A MOTORCYCLE	**HONDA GIKEN KOGYO KABUSHIKI KAISHA**	19/08/2005	MUMBAI
152	204110	IN/PCT/2001/00531/MUM	08/05/2001	16/02/1999	A FUEL CELL ASSEMBLY WITH SIMPLIFIED FUEL FEED	**FUEL CELL ENERGY, INC.**	19/08/2005	MUMBAI

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	Applica-tion Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appro-Priate Office
1	194079	1882/CAL/1997	7/10/1997	9/10/1996	IMPROVED BATTERY PACK HOLDING STRUCTURE FOR ELECTRONIC DEVICE	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	25/09/2004	KOLKATA
2	207085	189/CAL/2000	31/03/2000		"HIGH VOLTAGE TRANSFORMER"	THOMSON TELEVISION COMPONENETS FRANCE,	30/12/2005	KOLKATA
3	207086	1916/CAL/1996	4/11/1996	9/9/1993	"SUSTAINED RELEASE EXCIPIENT"	PENWEST PHARMACEUTICALS CO.	4/3/2005	KOLKATA
4	207087	204/CAL/1998	9/2/1998	2/11/1998	"AN ENERGY STORING MECHANISM HAVING A SPRING SYSTEM FOR A CIRCUIT BREAKER"	MITSUBISHI DENKI KABUSHIKI KAISHA	11/11/2005	KOLKATA
5	207088	2211/CAL/1997	24/11/1997	16/12/1996	"A FLUIDICALLY-OPERATED CONTROL VALVE SYSTEM"	ROSS OPERATING VALVE COMPANY.	10/2/2006	KOLKATA
6	207089	230/KOL/2003	22/04/2003		A PROCESS FOR THE EXTRACTION OF FLAVONOID FROM THE AERIAL OF BARLERIA LUPULINA LINDL.	SUBHASH CHANDRA MANDAL,BISHNUPADA SAHA,VENKATESAN SUBA	24/02/2006	KOLKATA
7	207090	234/CAL/1999	18/03/1999	20/03/1998	"AN IMPROVED APPARATUS FOR CHARGING A SHAFT SECTION OF A FURNACE IN PARTICULAR A BLAST FURNACE	ZAKRYTOE AKTSIONERNOE OBSCHESTVO"NAUCHNO-PROIZVODSTVENNY I KOMMERCHESKY TSENTR"TOTEM"	3/2/2006	KOLKATA
8	207091	237/CAL/2002	26/04/2002	14/05/2001	"A SCROLL MACHINE HAVING A CLEARANCE FOR AN OLDHAM COUPLING "	COPELAND CORPORATION	13/01/2006	KOLKATA
9	207092	26/CAL/2000	18/01/2000	20/01/1999	"ABSORBENT ARTICLE FOR DISPOSAL OF BODY FLUIDS"	UNI-CHARM CORPORATION	17/02/2006	KOLKATA

10	207093	276/CAL/2001	11/5/2001	12/5/2000	"PROCESS OF MANUFACTURING CONTACT LENSES WITH MEASURED EXPOSURE TO OXYGEN"	JOHNSON &JOHNSON VISION CARE, INC	26/08/2005	KOLKATA
11	207094	279/CAL/2002	8/5/2002		"AN INCINERATOR "	LIN DAI-YOU	11/3/2005	KOLKATA
12	207095	361/KOL/2004	28/06/2004		PLC BASED DATA ACQUISITION AND CONTROL SYSTEM FOR ON-LINE GAS PRESSURE AND DRAUGHT CONTROL IN COKE OVEN BATTERY.	STEEL AUTHORITY OF INDIA LTD., RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, AND A GOVT. OF INDIA	13/01/2006	KOLKATA
13	207096	366/CAL/1999	19/04/1999		" A STATOR FOR AN ELECTRIC CEILING FAN MOTOR".	ORIENT FANS	30/12/2005	KOLKATA
14	207097	435/CAL/2000	31/07/2000	13/08/1999	" PROCESS AND DEVICE FOR SYNCHRONIZING AN MPEG DECODER"	THOMSON MULTIMEDIA	24/03/2006	KOLKATA
15	207098	459/CAL/1999	17/05/1999	5/6/1998	"WASHING MACHINE"	MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD	23/12/2005	KOLKATA
16	207099	468/CAL/1999	18/05/1999		"ANALOGUE ROTOR POSITION CONTROLLER FOR SWICHED RELUCTANCE MOTOR"	INDIAN INSTITUTE OF TECHNOLOGY	6/1/2006	KOLKATA
17	207100	554/CAL/2001	28/09/2001	29/09/2000	A FREQUENCY OFFSET COMPENSATING APPRATUS AND METHOD IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM.	SAMSUNG ELECTRONICS CO.LTD,	20/01/2006	KOLKATA
18	207101	583/CAL/2000	16/10/2000	21/10/1999	"AN ORGANOSILICON COMPOUND AND THE PROCESS FOR PREPARING THE SAME"	DEGUSSA AG..,	17/03/2006	KOLKATA
19	207102	595/KOL/2004	27/09/2004	30/09/2003	A MOLD DEVICE, A DISK SUBSTATE, A METHOD OF MAKING A DISK SUBSTRATE BY USING A MOLD DEVICE.	RICOH COMPANY LTD.	30/12/2005	KOLKATA

20	207103	596/CAL/2000	24/10/2000		A METHOD FOR CONTROLLING TENSION ROLLING IN CONTINUOUS CASTING	STEEL AUTHORITY OF INDIA LIMITED	3/2/2006	KOLKATA
21	207104	603/CAL/2000	27/10/2000	29/10/1999	"SYSTEM AND METHOD FOR TRADING IN PRECIOUS GEMSTONES"	DIAMOND AND JEWELRY-4-U LTD.	26/06/2006	KOLKATA
22	207105	619/CAL/2000	6/11/2000	12/11/1999	"METHOD AND APPARATUS FOR REPAIRING A TURBINE NOZZLE SEGMENT"	GENERAL ELECTRIC COMPANY	17/03/2006	KOLKATA
23	207106	622/KOL/2004	30/09/2004		PROCESS FOR MAKING IMPROVED HIGH ALUMINA REFRACTORY CEMENT CONTAINING MG-AL SPINEL FROM DOLOMITE.	STEEL AUTHORITY OF INDIA LIMITED	3/2/2006	KOLKATA
24	207107	651/CAL/1999	22/07/1999	23/10/1998	"METHOD FOR OPERATING A WORK STATION OF A BOBBIN WINDING MACHINE"	W.SCHLAFHORST AG & CO..,	30/12/2005	KOLKATA
25	207108	654/CAL/1998	16/04/1998	17/04/1997	"A SCROLL MACHINE WITH A DISCHARGE DUCT"	COPELAND CORPORATION	24/02/2006	KOLKATA
26	207109	656/COL/1999	23/07/1999	13/08/1998	A PROCESS FOR SHUTTING DOWN AN ELECTRICAL DRIVE MOTOR,AND A BRAKE CIRCUIT FOR AN ELECTRICAL DRIVE MOTOR"	W.SCHLAFHORST AG AND CO.,	27/01/2006	KOLKATA
27	207110	661/CAL/2000	28/11/2000	18/02/2000	"A COMPRESSOR FLOWPATH FOR DIFFUSING AIR"	GENERAL ELECTRIC COMPANY	10/3/2006	KOLKATA
28	207111	667/CAL/1999	28/07/1999	28/07/1998	"A TRANSMISSION DEVICE AND A GATED TRANSMISSION METHOD FOR A MOBILE STATION IN A CDMA COMMUNICATION SYSTEM"	SAMSUNG ELECTRONICS CO., LTD.,	27/01/2006	KOLKATA
29	207112	673/CAL/2000	7/12/2000		"AN IMPROVED WET SCRUBBER FOR A SIMULTANEOUS SCRUBBING OF PARTICULATE	INDIAN INSTITUTE OF TECHNOLOGY	3/2/2006	KOLKATA

30	207113	728/CAL/1999	25/08/1999	23/11/1998	"A SYSTEM AND METHOD FOR THREE DIMENSIONAL IMAGING OF AN OBJECT VOLUME CONTAINING MOVING ULTRASOUND SCATTERS".	GENERAL ELECTRIC COMPANY	17/02/2006	KOLKATA
31	207114	696/CAL/2000	19/12/2000	30/12/1999	"PROTECTION CIRCUIT FOR A POWER SUPPLY UNIT AND RESPECTIVE POWER SUPPLY UNIT".	DEUTSCHE THOMSON-BRANDT GMBH,	17/03/2006	KOLKATA
32	207115	84/CAL/2002	13/02/2002		"AN IMPROVED ANCHOR SECURITY SEAL"	TARACHAND BANKA	13/01/2006	KOLKATA
33	207116	927/CAL/1999	25/11/1999	25/11/1998	SCRUBBING TOWER FILTER APPARATUS	BEGG, COUSLAND AND CO.LTD	30/12/2005	KOLKATA
34	207117	00003/KOL/2003	1/1/2003	16/01/2002	"TEST STRIP DISPENSER"	LIFESCAN,INC..,	11/3/2005	KOLKATA
35	207118	00040/CAL/1998	9/1/1998	9/1/1997	"METHOD FOR REMOVAL OF NITROGEN,ORGANICS AND OTHER NUTRIENT POLLUTANTS IN A WASTEWATER AND APPARATUS THEREFOR"	BISASCO PTY LIMITED	24/02/2006	KOLKATA
36	207119	00097/CAL/2001	20/02/2001		CONTROLLED RELEASE FORMULATION FOR WATER ******SOLUBLE DRUGS AND PROCESS FOR PREPARING IT	TORRENT PHARMACEUTICALS LTD	11/3/2005	KOLKATA
37	207120	00181/KOL/2004	15/04/2004	18/04/2003	"COMPRESSOR"	LG ELECTRONICS INC	3/3/2006	KOLKATA
38	207121	00320/CAL/2001	31/05/2001	9/6/2000	"IMPROVEMENT TO SOURCE ANTENNAS FOR TRANSMITTING/ RECEIVING ELECTROMAGNETIC WAVES"	THOMSON LICENSING S.A.	21/10/2005	KOLKATA
39	207122	00327/CAL/2001	6/6/2001	9/6/2000	"AN IMPROVED MACHINE FOR RENEWING A RAIL TRACK"	FRANZ PLASER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H	30/12/2005	KOLKATA

40	207123	00416/CAL/2002	12/7/2002		ELECTROCHEMICAL TEST STRIP HAVING A PLURALITY OF REACTION CHAMBERS AND METHODS FOR USING THE SAME	LIFESCAN, INC	11/3/2005	KOLKATA
41	207124	00478/CAL/1999	21/05/1999	23/05/1998	A CARTRIDGE FOR AN INFORMATION RECORDING MEDIUM.	SAMSUNG ELECTRONICS CO LTD	30/12/2005	KOLKATA
42	207126	00522/KOL/2004	30/08/2004		"AN APPARATUS FOR REMOVING WATER SOLUBLE POLLUTANTS LIKE OXIDES OF CARBON, NITROGEN AND SULPHUR AND SUSPENDED PARTICULATE MATTER OF SIZE DOWN TO A RANGE OF 100M-150MFROM EFFLUENT GASES.	JADAVPUR UNIVERSITY, INDUSTRY INSTITUTE PARTNERSHIP CELL	14/07/2006	KOLKATA
43	207127	00560/CAL/2001	1/10/2001	18/05/2001	"MOTOR OPERATED JACK FOR VEHICLE"	SHIM, JONG-UK	3/3/2006	KOLKATA
44	207128	00618/CAL/2000	6/11/2000	29/11/1999	MOLDING MADE FROM POLYURETHANE AND PROCESS FOR ITS PRODUCTION.	TECHNOGEL GMBH & CO. KG	17/02/2006	KOLKATA
45	207129	00682/CAL/1999	4/8/1999	4/8/1998	"A SIGNAL TRANSMITTING METHOD AND A DEVICE IN A BASE STATION FOR TRANSMITTING A PILOT SIGNAL, A COMMON CHANNEL SIGNAL ,AND A DATA CHANNEL SIGNAL"	SAMSUNG ELECTRONICS CO., LTD.,	23/12/2005	KOLKATA
46	207134	101/KOL/2005	16/02/2005		A NATURAL RESIN BASED ADHESIVE	SOUMEN ROY CHOUDHURY	13/05/2005	KOLKATA
47	207135	1263/CAL/1997	2/7/1997	2/7/1996	"ANIONIC COMPLEX OF RU(III) WITH AN AMMONIUM CATION AND PROCESS FOR PREPARATION THEREOF".	SIGEA S.r.l.	11/3/2005	KOLKATA

48	207136	1269/CAL/1998	21/07/1998		"APPARATUS AND METHOD TO PREVENT RECORDING OF ACCEPTABLE COPY OF VIDEO SIGNALS BY MODIFYING VIDEO COPY PROTECTION SIGNALS IN A RF DOMAIN"	MACROVISION CORPORATION	3/3/2006	KOLKATA
49	207137	1317/CAL/1998	28/07/1998		"A ROTARY CUTTING TOOL"	ISCAR LTD	13/01/2006	KOLKATA
50	207138	132/KOL/2005	28/02/2005		"A CONTINUOUS REACTOR FOR GLASIFICATION OR LOW TEMPERATURE CONVERSION OF ORGANIC MATERIAL"	STEPHANI, TRUTZ-ULRICH,JALAJ KUMAR CHATURVEDI	13/05/2005	KOLKATA
51	207139	1576/CAL/1997	27/08/1997	16/09/1996	"STRIP CASTING APPARATUS"	ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES COMPANY LIMITED",BHP STEEL (JLA)PTY LTD.	11/11/2005	KOLKATA
52	207141	1611/CAL/1998	8/9/1998	21/10/1997	"AN IMPROVED SEGREGATION RESISTANT AND DUSTRESISTANT METALLURGICAL COMPOSITION AND METHODS FOR PREPARING SAME"	HOEGANAES CORPORATION,Aveka,Inc	3/3/2006	KOLKATA
53	207142	168/CAL/1999	3/3/1999		"A DEVICE FOR FASTENING A RAIL TO A SLEEPER"	RAHEE INDUSTRIES LTD.,	31/03/2006	KOLKATA
54	207143	171/CAL/1999	3/3/1999	11/4/1998	"WINDING HEAD FOR AN AUTOMATIC CROSS-WOUND BOBBIN WINDING MACHINE"	W.SCHLAFHORST AG. &CO.	2/9/2005	KOLKATA
55	207144	172/CAL/1999	4/3/1999		"A PROCESS FOR PRODUCING HIGH STRENGTH STEEL PLATES"	STEEL AUTHORITY OF INDIA LIMITED,	17/02/2006	KOLKATA

56	207165	2081/CAL/1998	26/11/1998	29/11/1997	"A METHOD FOR STORING AUDIOCENTERED INFORMATION WITH A MULTI-LEVEL TABLE-OF-CONTENTENTS (TOC) MECHANISM WITH ONE MASTER-TOCS FOR VARIOUS AUDIO FORMATS, A DEVICE FOR USE WITH SUCH MECHANISM AND A UNITARY STORAGE MEDIUM CONTAINING	KOINKLIJKE PHILIPS ELECTRONICS N.V	6/1/2006	KOLKATA
57	207166	210/KOL/2004	27/04/2004	13/05/2003	IMPACT CRUSHING APPARATUS FOR GRAIN	SATAKE CORPORATION	9/9/2005	KOLKATA
58	207167	406/KOL/2004	08/07/2004		AN IMPROVED METHOD OF FORMING JOINTS BY FORCING DOWELS OF WOOD AND OTHER ELASTIC MATERIALS INTO HOLES IN BODIES OF WOOD AND OTHER ELASTIC OR NON-ELASTIC, SIMILAR OR DISSIMILAR MATERIALS	VIJAY TALWAR.	24/03/2006	KOLKATA
59	207168	412/CAL/2000	20/07/2000	29/09/1999	"A DEVICE FOR PROVING SIGNAL TRANSPORT CONNECTIVITY DETWEEN A COMMUNICABLE UNIT AND A COMMUNICATION LINE AND A METHOD THEREFOR".	HARRIS CORPORATION	3/3/2006	KOLKATA
60	207169	433/CAL/2002	22/07/2002	15/01/2002	"POWER MONITORING SYSTEM".	YOKOGAWA ELECTRIC CORPORATION,	24/02/2006	KOLKATA
61	207170	505/CAL/2000	31/08/2000	9/9/1999	CLUTCH DRIVEN DISC FRICTION MATERIAL MOUNTING"	EATON CORPORATION	28/04/2006	KOLKATA

62	207171	614/CAL/2001	31/01/2001		"AN IMPROVED TRANSITION TYPE OF CENTER BUFER COUPLERS HAVING HOOD AND SHELF ARRANGEMENT"	OM PRAKASH TANTIA	24/03/2006	KOLKATA
63	207172	631/CAL/2002	12/11/2002	21/11/2001	"SOLEPLATE OF DOMESTIC STEAM IRON"	CELAYA EMPARANZA GALDOS INTERNACIONAL, S.A	28/10/2005	KOLKATA
64	207173	680/CAL/2000	17/02/2000		"POSITIVE ACTING PHOTORESIST COMPOSITION AND IMAGEBLE ELEMENT	CREO IL LTD	17/02/2006	KOLKATA
65	207174	00152/KOL/2004	31/03/2004		"AN IMPROVED DEVICE FOR INTERFACING RS232C WITH TTY PORT."	STEEL AUTHORITY OF INDIA	20/01/2003	KOLKATA
66	207175	01615/CAL/1998	9/9/1998	9/9/1997	"A BLOW MOULDED CONTAINER AND HANDLE FORMING A SINGLA CONTINUOUS WHOLE	B&RINDUSTRIES PTY LIMITED	6/1/2006	KOLKATA
67	207176	150/CAL/2000	10/3/2000	20/08/1999	TANG BREAK-OFF TOOL	NIPPON SPREW CO. LTD.	3/2/2006	KOLKATA
68	207177	152/KOL/2004	31/03/2004		AN IMPROVED DEVICE FOR INTERFACING RS232C WITH TTY PORT.	STEEL AUTHORITY OF INDIA LIMITED	20/01/2006	KOLKATA
69	207178	1679/CAL/1998	18/09/1998	3/10/1997	"MANUAL RESETTING EXCESS FLOW COPNTROL VALVE PARTICULARLY FOR USE WITH GAS PRESSURE REGULATORS"	NOVA COMET S.R.L.,	3/2/2006	KOLKATA
70	207179	1687/CAL/1998	21/09/1998		"DATA DECODING APPARATUS AND COMMUNICATION TERMINAL APPARATUS"	MATSUSHITA ELECTRIC INDUSTRIAL CO LTD	13/01/2006	KOLKATA
71	207180	1818/CAL/1998	13/10/1998		"A METHOD FOR OBTAINING A POWER WSING SIGNAL INDICATING A POWER SWING IN AN ELECTRIC POWER SUPPLY NETWORK"	SIEMENS AKTIENGESELLSCHAFT	24/02/2006	KOLKATA

72	207181	1979/CAL/1997	21/10/1997	18/12/1996	"ELECTRIC LAMP"	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH,	10/2/2006	KOLKATA
73	207182	278/KOL/2004	28/05/2004	21/10/1999	A METHOD FOR THE PREPARATION OF A CHIRAL AMINO TETRAHYDROFURAN OR A SALT THEREOF	AGOURON PHARMACEUTICALS INC..	3/2/2006	KOLKATA