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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.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

18th OCTOBER, 2013

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**THE PATENT OFFICE
KOLKATA, 18/10/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

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<p>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	<p>5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p>
<p>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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पेटेंट कार्यालय
कोलकाता, दिनांक 18/10/2013
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

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<p>2</p> <p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>	

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

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

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SPECIAL NOTICE

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

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

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

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

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

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. 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.26/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/01/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : WIND/WATER TURBINE WITH ROTATIONAL RESISTANCE REDUCED BY WIND VANE BLADE

(51) International classification :F03D3/06,F03B7/00,F03B17/06
(31) Priority Document No :2010132516
(32) Priority Date :09/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/062988
Filing Date :07/06/2011
(87) International Publication No :WO 2011/155471
(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)TAMATSU Yoshiji
Address of Applicant :Room16Toyota Apartment1656 5Aza
OrokuNaha shi Okinawa 9010152 Japan
(72)Name of Inventor :
1)TAMATSU Yoshiji

(57) Abstract :

A windlwater turbine has a basic configuration in which both ends of blades which are in rotational symmetry are fixed to support plates, the blades consist of a number of vanes, one of the vertical sides of the vanes is attached to a vane rotating shaft, and the free opposite sides each rotate freely in a sector extending as far as the adjacent vane rotating shafts on either side. The vanes are arranged such that when the blades of the windlwater turbine are convex, moving against the water flowlairflow, the vanes are pressed by the water flowlairflow and are opened, thereby reducing the rotational resistance, and when the blades have pivoted further and are concave, the spaces between the vane rotating shafts are closed, the waterlair pressure is received over the entire surface of the blade, and thus a pivoting force that is increased corresponding to the reduction in rotation resistance is obtained. In regard to avoiding danger, simply by winding in or drawing in the root of the vanes to the vane rotating shaft, making the horizontal sides of the vanes shorter than the spaces between adjacent vane rotating shafts on either side, all of the vanes become able to rotate freely through 360° around the vane rotating shafts, the pivoting force of the windlwater turbine is lost, the overall resistance is greatly reduced, and it is possible to avoid danger.

No. of Pages : 42 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2673/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A WAY TO USE THE ENERGY OF EXHAUST GAS.

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHUKLA JITESH
(32) Priority Date	:NA	Address of Applicant :H.NO. 61/3, PASHUPATI NAGAR,
(33) Name of priority country	:NA	NAU BASTA, KANPUR-208021, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHUKLA JITESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When the exhaust gas is just come outside from the engine cylinder, at that moment it has high energy in the form of high temperature (approx. 500°C) and high pressure (approx. 7-8 bar). There is only turbocharger, which runs with the help of exhaust gas energy (only used 40 % energy of gas) and after that exhaust gas discharges by the exhaust system. The energy of the exhaust gas can be used in several ways, such as, its high temperature can be used to charge the battery with the help of See-beck effect and high pressure can be used for pneumatic braking system. Keywords - Exhaust Gas, Exhaust System, Pneumatic Braking System, See-beck Effect.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6822/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BREWED BEVERAGE APPLIANCE AND METHOD

(51) International classification	:A47J31/02
(31) Priority Document No	:13/338926
(32) Priority Date	:28/12/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/044288
Filing Date	:27/06/2012
(87) International Publication No	:WO 2013/101302
(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)CONAIR CORPORATION
Address of Applicant :One Cummings Point Road Stamford
Connecticut 06902 U.S.A.
(72)**Name of Inventor :**
1)LAI Kin Man
2)FUNG Kam Fai
3)SCHNABEL Barbara Lynn
4)ORENT Jill Frances Kreutzer

(57) Abstract :

A beverage appliance includes a housing having a liquid reservoir and a receptacle in the housing dimensioned to receive a container containing at least one drink ingredient having particles of a first size. The receptacle is pivotable from a first position in which the receptacle is angled towards a front of the appliance and a second position in which the receptacle is aligned with a brew head and contacts the brew head. The beverage appliance further includes a mechanism for transforming the particles of the drink ingredient from the first size to a second size within the container the second size being smaller than the first size.

No. of Pages : 51 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6823/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CLEANING SYSTEM AND METHOD FOR BEVERAGE APPLIANCE

(51) International classification :A47J31/44
(31) Priority Document No :61/509298
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047108
Filing Date :18/07/2012
(87) International Publication No :WO 2013/012882
(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)CONAIR CORPORATION
Address of Applicant :One Cummings Point Road Stamford
Connecticut 06902 U.S.A.
(72)Name of Inventor :
1)RIZZUTO Leandro
2)LASKOWSKI Joseph

(57) Abstract :

The beverage appliance of the present invention includes a venturi having a steam inlet and a milk inlet. The steam inlet and milk inlet each include a solenoid valve configurable between an open state and a closed state. The solenoid valves are electrically coupled to a processor and are controllable through first and second switches. In operation upon activation of the first switch the solenoid valves are controlled to their open states to deliver milk and steam to the venturi to produce frothed milk. When a desired amount of frothed milk has been dispensed the user deactivates the first switch and the processor controls only the milk inlet solenoid valve to its closed state. The steam inlet solenoid valve remains in its open state for a predetermined amount of time such that a burst of steam only is forced through the venturi and distribution lines to purge them of milk.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3771/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A CROSS FLOW FLEXIBLE MEMBRANE FILTRATION ASSEMBLY FOR SMALL PROCESSING VOLUME

(51) International classification	:B41D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURE RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
(86) International Application No	:NA	PRASAD ROAD, NEW DELHI-110001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. GOPAL P. AGARWAL, PROFESSOR
(61) Patent of Addition to Application Number	:NA	2)MUTHUMAREESWARAN M. R., RESEARCH
Filing Date	:NA	SCHOLAR
(62) Divisional to Application Number	:NA	3)SATYENDRA SINGH, RESEARCH SCHOLAR
Filing Date	:NA	

(57) Abstract :

A cross-flow fluid filtration mountable membranes assembly for concentrating and separating the liquid stream at low processing volume sample, comprising of flexibility for spiral-wound membranes, Organic tubular and Ceramic tubular membrane and 10 means for controlling the pressure, velocity and volume of the liquid stream.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2681/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : KIT BASED ON ELISA FOR SIMULTANEOUS DETECTION OF HYBRIDIZATION IN AQUEOUS SOLUTION (LIQUID HYBRIDIZATION) OF GENE AMPLIFICATION PRODUCTS OF HIV-1 & 2 RNA, HCV RNA AND HBV DNA TO SPECIFIC OLIGONUCLEOTIDE PROBES AND A METHOD FOR DEVELOPING THE SAME

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. PRADEEP SETH
(32) Priority Date	:NA	Address of Applicant :H 8/3 FIRST FLOOR, DLF PHASE-I,
(33) Name of priority country	:NA	GURGAON-122002 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. PRADEEP SETH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to development of a sensitive and specific kit for simultaneous detection and identification of multiplex polymerase chain reaction amplified products ofHBV DNA, HeV-RNA, mv-1 RNA and mv-2 RNA in plasma or serum samples by ELISA based hybridization in aqueous solution (liquid hybridization) assay.

No. of Pages : 16 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : AFTERMARKET FITMENT OF A STOP START SYSTEM IN INTERNAL COMBUSTION ENGINE VEHICLES

(51) International classification	:F02D29/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dhruv Chaudhry
(32) Priority Date	:NA	Address of Applicant :3rd Floor Ujala Apartments, Dr. Ghanti
(33) Name of priority country	:NA	Road, 755 Parsi Colony Dadar (East) Mumbai 400014.
(86) International Application No	:NA	Maharashtra, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dhruv Chaudhry
(61) Patent of Addition to Application Number	:NA	2)Mufaddel Dahodwala
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Reducing emissions, noise pollution and saving fuel is the need of the hour. With numerous ICE vehicles already on the road, the level of emissions and fuel consumption is on a rise. SSS helps reduce emissions from the ICE vehicles that are already on the road and in doing so also provides substantial fuel saving and noise pollution reduction. SSS Start Stop System as the name suggests shuts off the ICE of the vehicle after going through a highly evolved process, making sure each time vehicle stops user save fuel, and ICE of the vehicle springs to life as soon as the clutch is pressed. So with every stop emissions are reduced caused by the unwanted idling of the ICE of the vehicle. Following invention is described in detail with the help of Figure 1 of sheet 1 shows top view of the embodiment, Figure 2 of sheet 2 shows circuit diagram of one of the embodiment of the invention and Figure 3 of sheet 3 shows schematic view of the embodiment.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3095/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ANODE, CATHODE AND SEPARATOR IN MICROBIAL FUEL CELL (MFC) FOR TREATMENT OF WASTEWATER AND ELECTRICITY GENERATION

(51) International classification	:H01M 8/04, H01M 8/16	(71)Name of Applicant : 1)Sudhir Vasantrao Ambekar Address of Applicant :43, S.E. Railway Colony, Layout No. 1, Pratapnagar, Nagpur, 440022 Maharashtra India 2)Prof. Vasant A. Mhaisalkar 3)Prof. Makarand M. Ghangrekar
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Sudhir Vasantrao Ambekar 2)Prof. Vasant A. Mhaisalkar 3)Prof. Makarand M. Ghangrekar
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides specially designed, developed and operated microbial fuel cell using low cost, efficient and durable indigenous material so that the total cost of operation may become economically viable. The invention includes the design of electrode at the anode, the specific architecture of the cell and the specially built separator membrane. Following invention is described in detail with the help of Figure 1A of sheet 1 shows top view of the electrode, Figure 1 B of sheet 1 shows front view of the electrode, Figure 2 of sheet 2 shows top view of microbial fuel cell and Figure 3 of sheet 3 shows Sectional front view of the microbial fuel cell anode chamber.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS OF MANUFACTURING DESIGNER KASAB AND CHEMICAL CUTWORK FABRIC BY WEAVING

(51) International classification	:D03D1/00, D03D7/00	(71)Name of Applicant : 1)SHAH SHAILESH KANTILAL Address of Applicant :B 303, DREAM WORLD RESIDENCY, RCC CANAL ROAD, VESU, SURAT - 300110 GUJARAT, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHAH SHAILESH KANTILAL
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of manufacturing designer kasab and chemical cutwork fabric by weaving on Rapier machine with double beam and weft insertion. The fabric manufactured by the present invention displays excellent burnt-out effect which has a clean chemical cutwork area with better contrast. Better designs can be produced on fabrics by the present invention as it can produce thin lines, sharp edges, excellent curves or circles and other such delicate designs. This is because the cotton covered polyester strongly and minutely holds the effect of the yarn at unburnt-out areas. Value addition of the fabric can be done like color printing, embroidery, jari work, metalized prints, kasab, etc. as the fabric is more stable and strong and doesnt have dusting problem during handling.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3103/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PULLEY WITH ROPE BRAKE

(51) International classification	:B66D3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BELSARE DILIP SHRIKRISHNA
Address of Applicant :D-9, KASTURBA HSG. SOCIETY,
VISHRANTWADI, PUNE 411 015, Maharashtra, India
(72)**Name of Inventor :**
1)BELSARE DILIP SHRIKRISHNA

(57) Abstract :

Pulley with rope brake is an invention which enhances utility of pulley and also makes use of pulley safe. Use of pulley with rope brake requires less labour for erection. Hence less erection cost and hence saving in cost .The details of pulley with rope brake is shown in drawing. Pulley is marked as 2, and rope brake is marked as 7. Working of rope brake is such that movement of rope carrying load is in one direction only. Hence once load is lifted the load does not come down. Thus drawback of ordinary pulley which rotates in either direction is removed and possibility of accident is removed. Ordinary pulley is being used since ancient times, but there was no improvement in it, hence Pulley with rope brake is a brake through invention.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3108/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HERBAL PREPARATION FROM CASSIA OCCIDENTALIS FOR THE TREATMENT OF HAIR FALL AND DANDRUFF.

(51) International classification	:A61K36/00, A61K 36/482	(71)Name of Applicant : 1)DR. PATIL RAKESH PRAKASH Address of Applicant :C/O P. T. PATIL, DURVANKUR, NEAR GRAM SACHIVALAYA, MADHAVNAGAR, TAL- MIRAJ, DIST-SANGLI, PIN CODE-416406 Maharashtra India 2)PATIL ROHAN PRAKASH
(31) Priority Document No	:NA	(72)Name of Inventor : 1)DR. PATIL RAKESH PRAKASH
(32) Priority Date	:NA	2)PATIL ROHAN PRAKASH
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal preparation for the treatment of hair fall and dandruff from the extract of leaves of Cassia Occidentalis. This herbal preparation can be prepared from water extract or ethanol extract or oil extract or extract obtained using any other solvent. The extract from leaves of Cassia Occidentalis can be used with carrier base in the form of liquid or hair oil or hair gel or hair lotion or any other form used for topical application for the treatment of hair fall and/or dandruff.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A METALLURGICAL MATERIAL HANDLING VESSEL/SLAG VESSEL ADAPTED TO BE RESISTANT TO LOCALIZED HEAT ZONE BASED THERMAL STRESSES AND EQUIPMENT FAILURE.

(51) International classification	:B22D 41/00, B22D 41/16	(71)Name of Applicant : 1)JSW STEEL LIMITED Address of Applicant :JSW CENTRE, BANDRA KURLA COMPLEX, BANDRA (EAST), MUMBAI-400051 MAHARASHTRA India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)RATHORE, GAJRAJ SINGH
(33) Name of priority country	:NA	2)VISHWANATH, SURYANARAYANA
(86) International Application No	:NA	CHANDRASHEKARIAH
Filing Date	:NA	3)PRASAD, GANAPATHI
(87) International Publication No	: NA	4)PRASAD, BABU NAND
(61) Patent of Addition to Application Number	:NA	5)KAZA, MARUTIRAM
Filing Date	:NA	6)DABBIRU, SATISH KUMAR
(62) Divisional to Application Number	:NA	7)SEKHAR, VADAREVU RAMCHANDRA
Filing Date	:NA	8)REDDY, KRISHNA

(57) Abstract :

The present invention broadly relates to a material handling vessel such as the slag vessel and the like used for material handling in metallurgical handling. In particular the present advancement related to a metallurgical material handling vessels favouring resistance to localized heat zone based thermal stresses and equipment failure during material handling. The vessel according to the present invention apart from favouring resistance to localized heat zone based thermal stresses and equipment failure during material handling is also having provision for structurally advanced plurality of pouring configurations which can be alternatively used for pouring thereby enhancing the life span of the vessel, thus favouring the prospects of wide application of such vessels mainly in relation to installations in the industry, namely in particular relation to a Slag vessel used in the manufacture of steel, and other likes.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4434/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : VEHICLE ACCIDENT RESPONSE SYSTEM

(51) International classification

:H04W

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)S. MOORTHY

Address of Applicant :DEPT OF EEE NATIONAL

INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620

015 Tamil Nadu India

2)K. NIRANJAN KUMAR

(72)Name of Inventor :

1)DHIWAKAR NA

2)IRIN JOSE

3)ANUSHA. R

4)KOWSHICK B

5)K. NIRANJAN KUMAR

6)S. MOORTHY

(57) Abstract :

The invention is a device which constantly keeps track of a cars safety and can fetch timely help after a fatal accident by informing the time and address of the accident spot to the police and ambulance services or to the intended number. The device has acceleration sensor that checks for the occurrence of an accident and has a Bluetooth module. The Bluetooth module connects with the users mobile to send a message to the hospital in case of an accident thus improving the chances of survival of the victims involved. The message sent contains the address of the location of accident and the time. The address is obtained by reverse geocoding the geo location of the car obtained from GPS services.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4439/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SMART POULTRY INCUBATOR FOR ENHANCED HATCHABILITY THROUGH COMPUTATIONAL INTELLIGENCE

(51) International classification	:A01K41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NARRENDAR. R.C.
(32) Priority Date	:NA	Address of Applicant :NO: 16, 17 PONJOTHI NAGAR,
(33) Name of priority country	:NA	VELISEMMANDALAM, CUDDALORE (DISTRICT) - 607 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)TILAK
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARRENDAR. R.C.
Filing Date	:NA	2)TILAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Poultry incubators are artificial environment for providing nourishment to the egg throughout their development cycle. The Proposed system is one that encompasses a cuboidal chamber in which there is a support for engaging and nurturing eggs, the platform is fixed to a central system which is connected to the motor for the turning of the support. There is also provision for hot/fresh air to be passed over the levels of the machine maintaining the optimal climatic conditions for the incubator. All this is done using a state of the art control system with a sophisticated computational intelligence embedded on to the controller that performs decision making based on a myriad of factors. This also comprises of syncing features to the hatchery data and its control settings if previously set conditions or data given for achieving distributed intelligence.

No. of Pages : 8 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4408/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD, SYSTEM, APPARATUS AND DEVICE FOR DIRECTIONAL FLOW CONTROL OF FLUIDS AND GASES

(51) International classification

:F16K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Dr. G. R. Bharath Sai Kumar

Address of Applicant :No.100, TMPrashanthTM, 2nd Main,
Vinayakanagar, Tumkur 572 101, Karnataka, India.

(72)Name of Inventor :

1)Dr. G. R. Bharath Sai Kumar

(57) Abstract :

According to first aspect, a flow control valve comprises outer hollow cylinder and an indexing member. The hollow cylinder comprises a pressure port, a tank port, a first port and a second port on the curved surface. The indexing member comprises an inner cylinder, and is fit to the hollow part of the outer cylinder. When the inner cylinder is at a first relative position with the outer cylinder, the pressure port is connected to the first port and tank outlet is connected to the second port. When the inner cylinder is at a second relative position with the outer cylinder, the pressure port is connected to the second port and tank outlet is connected to first port. According to another aspect, a system for controlling a movement of a piston in an actuator may comprise an indexing valve, an actuator and a pump. The actuator comprises piston and piston rod. The indexing valve comprises outer cylinder and indexed inner cylinder. The pump is used to inject pressurized fluid. In one embodiment, piston is moved in one direction by the pressurized fluid when the indexed inner cylinder is at first index. In another embodiment, the piston is moved in other direction by the pressurized fluid when the indexed inner cylinder is at second index position.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4525/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR RECRUITMENT

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KHASNIS Abhijit
(32) Priority Date	:NA	Address of Applicant :G03, Kristal Olivine, Bellandur, Outer
(33) Name of priority country	:NA	Ring Road, Bangalore - 560103 Karnataka India
(86) International Application No	:NA	2)TALWAR Manjunath Sannappa
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KHASNIS Abhijit
(61) Patent of Addition to Application Number	:NA	2)TALWAR Manjunath Sannappa
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A recruitment system (100) and method are provided. The recruitment system (100) includes a database (110) and a server (108) operatively coupled to the database, wherein the server (108) includes a recruitment processing application (112). The recruitment processing application (112) is configured to receive notice period information corresponding to job seekers, store the notice period information corresponding to profiles of the job seekers in the database (110), and allow searching the profiles of job seekers based on notice period information.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4421/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : OPTIMIZATION METHOD FOR THE PREPARATION OF SILICA AND TITANIA NANOPARTICLES AND ITS BIOACTIVITIES

(51) International classification	:A61K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)DR. R. BABU RAJENDRAN

3)D. UMASARAVANAN

(72)Name of Inventor :

1)J. JAYAPRIYA

2)DR. R. BABU RAJENDRAN

3)D. UMASARAVANAN

(57) Abstract :

The invention provides media optimization for the synthesis of silica and titania nanoparticles using the fungus *Aspergillus flavus* (Isolated from ore samples) with 1% peptone as nitrogen source and 1% different carbon sources such as lactose, glucose, dextrose, xylose, maltose and fructose. Polydispersed silica nanoparticles with 7 - 23 nm size were observed through electron microscopes. XRD and FTIR spectra showed the possible functional groups formed during the synthesis of silica nanoparticles. The percentage of silica nanoparticles synthesized using *A. flavus* was 21.11%. Well dispersed titania nanoparticles in the size range of 2 - 5 nm was produced and confirmed with XRD and FTIR spectra. The percentage of titania nanoparticles synthesized was 12.7%. Both the nanoparticles showed broad spectrum of activity against pathogenic bacterial and fungal strains such as gram negative *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, *Vibrio cholera* and *Haemophilus influenzae*, and gram positive *Staphylococcus aureus* and dermatophyte *Trichophyton rubrum*. Silica and titania nanoparticles dispersed in water showed elevated elastase, tyrosinase inhibition and antioxidant activities. Based on these results silica and titania nanoparticles could be used in skin care products as UV protectant.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4459/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A BOTTLE CAP ASSEMBLY WITH A DETACHABLE ADDITIVE INGREDIENT DISPENSING MEANS

(51) International classification	:B65D51/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :SHOP NO-71, 72, PG ROAD,
SRISAILAM (P), KURNOOL 518 101 Andhra Pradesh India
(72)**Name of Inventor :**
1)CHITRALA UPENDRA

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a bottle cap assembly with a detachable additive ingredient dispensing means. The dispensing means comprises of a rotatable additive ingredient dispensing unit which further comprises of a rotatable hollow storage chamber comprising threads on its surfaces configured to hold a additive ingredient in a storage space and a rotatable hollow storage chamber cap comprising a opening at top end and configured to enclose the rotatable hollow storage chamber by means of multiple interior threads provided on a interior surface. A cylindrical pipe is suspended within a fixed cylindrical hollow structure in a concentric position passing through the hollow space of the rotatable hollow storage chamber allows the passage of the additive into the bottle. The cylindrical pipe may additionally have protrusions to protrude through the sealing foil. A screw cap comprising multiple interior threads enabled to house the top end opening of the cylindrical pipe.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4418/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : TURMERIC GEL FORMULATION AS AN ADJUNCT TO SCALING AND ROOT PLANING

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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SCIENCES, KLE UNIVERSITY, NEHRU NAGAR, BELGAUM
- 590 010 Karnataka India

2)SUVARNA PATIL

3)BASAVARAJ K. NANJWADE

4)RENUKA METGUD

5)SHIVAYOGI M. HUGAR

(72)Name of Inventor :

1)SHWETA S. HUGAR

2)SUVARNA PATIL

3)BASAVARAJ K. NANJWADE

4)RENUKA METGUD

5)SHIVAYOGI M. HUGAR

(57) Abstract :

The invention relates to herbal product gel formulation as an adjunct to scaling and root planing in the treatment of mild to moderate (4-6 mm) periodontal pockets. It particularly relates to effective turmeric gel formulation as an adjunct to scaling and root planing in the treatment of mild to moderate (4-6 mm) periodontal pockets. It specifically relates to preparation of turmeric gel and chlorhexidine gel as an adjunct to scaling and root planing and to evaluate and compare the efficacy of subgingival application for its effectiveness in the treatment of mild to moderate (4-6 mm) periodontal pockets. Turmeric gel formulation comprising effective amount of turmeric powder or curcumin and pharmaceutically acceptable carriers and excipients that includes Carbopol 934, Hydroxypropylcellulose, Triethanolamine, Sodium Saccharin, Menthol and ethanol. The results revealed that both Chlorhexidine gel and Turmeric gel has the effect on mild to moderate (i.e. 4-6 mm) periodontal pockets in chronic periodontitis patients. The turmeric gel demonstrated statistically significant reduction in Plaque Index, Gingival Index, Sulcus bleeding Index, Pocket probing depth. Significant greater reduction was observed in all the parameters in the experimental group with turmeric gel. The turmeric gel is more effective than the chlorhexidine gel in the treatment of mild to moderate periodontal pockets.

No. of Pages : 30 No. of Claims : 10

(54) Title of the invention : THE MULTIPLE ROLLER MACHINE AND THE METHOD OF PROCESSING A RUBBER LATEX FOR PRODUCING A DE-HUMIDIFIED, COMPRESSED, RIBBS MARK IMPREGNATED, DRY AND PROCESSABLE RUBBER SHEET

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. ANTO JOSEPH
(32) Priority Date	:NA	Address of Applicant :IDEAL ELECTRO CRAFTS
(33) Name of priority country	:NA	PURAVAYAL ULIKKAL KANNUR, DIST - 670 705 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. ANTO JOSEPH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention comprises a two in one machine operated electrically or manually for processing the rubber latex and for impregnating the desired logo onto the processed rubber sheets. The machine comprises a plurality of in-let sections comprising parallel rollers spaced at equal distance from each other and further comprising a predetermined channel space in between them. The rollers are connected to the electrical motor by means of the bearings connected through the respective chain and toothed wheel arrangement. A position adjustable partition is provided for isolating the parallel spaced rollers from the logo impregnating roller. The partition is controlled manually through a lever connected to the top end of the machine and the hand guard covering the logo impregnating roller protects the operator and provides safety from the rollers. A power actuator in the form of an electrical motor and the corresponding electrical power controllers control the operation of the machine. The combined machine consumes space, man power and time through the automation process and it utilizes a 1/4 HP electric motor with electrical consumption of 180W for the operation.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3670/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PREPARATION OF IRON CARBOHYDRATE COMPLEXES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUVEN LIFE SCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :5TH FLOOR, SERENE CHAMBER,
(33) Name of priority country	:NA	ROAD NO. 5, OFF AVENUE NO. 7, BANJARA HILLS,
(86) International Application No	:NA	HYDERABAD 500 034 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)UDAYA BHASKARA RAO SIRIPALLI
(61) Patent of Addition to Application Number	:NA	2)LAKSHMI NARASIMHULU GORENTLA
Filing Date	:NA	3)VEERA REDDY ARAVA
(62) Divisional to Application Number	:NA	4)MOHANA RAO MANAM
Filing Date	:NA	5)VENKATESWARLU JASTI

(57) Abstract :

A Process for the preparation of water soluble trivalent iron carbohydrate complex having a weight average molecular weight of 80 kDa to 400 kDa obtainable from oxidation of maltodextrins using organic hypohalite.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4395/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : GAS LEAKAGE DETECTOR AND METHOD FOR AUTOMATIC SHUT OFF

(51) International classification	:G05D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SASIDHARAN SHYAM KUMAR
(32) Priority Date	:NA	Address of Applicant :MUDUMBIL PUTHEN VEEDU,
(33) Name of priority country	:NA	SPNRA-160, THIRUVALLOM, THIRUVANANTHAPURAM
(86) International Application No	:NA	695 027 Kerala India
Filing Date	:NA	2)SAIDU SHAMEER
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SASIDHARAN SHYAM KUMAR
Filing Date	:NA	2)SAIDU SHAMEER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Gas leakage detector and method for automatic shut off is disclosed. The said detector is adapted to sense gas leakage and/or unusual temperature rise in a domestic or commercial LPG system and automatically shut off the gas supply by turning off the regulator knob to prevent fire accidents. Method to automatically shut off gas supply is also disclosed herein.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4513/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A DATA AGNOSTIC FRAMEWORK FOR PERFORMANCE TESTING OF A DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	road, Chennai 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Anurag Jain
(87) International Publication No	: NA	2)Abhishek Suman
(61) Patent of Addition to Application Number	:NA	3)Nishank Trivedi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The proposed invention is a method and system for providing a generic testing environment for testing user devices using a data agnostic framework. A mediator framework receives or fetches testing information and load i.e. data packets as inputs required to test a Device Under Test (DUT). The data packets need to be associated with a particular session so as to make it readable for the DUT. The mediator framework chooses a certain percentage of data packets to be forwarded to the DUT and then associates the chosen data packets with a session already created/established with the DUT, and then routes the data packets to the DUT.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4520/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR STORING, RETREIVING, AND MANAGING COURSE STRUCTURES IN RELATIONAL DATABASE

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

(71)Name of Applicant :

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Address of Applicant :Nalanda Building No. 1, Shivabagh,
Satyam Theatre Road, Ameerpet, Hyderabad 500016, Andhra
Pradesh, India.

(72)Name of Inventor :

1)JAIN, Sandesh

2)Uday Kumar M

(57) Abstract :

Embodiments of the present application relate to systems and methods for storing course items and content related thereto in a relational database and retrieval of the stored course items through an efficient and flexible course node format. Embodiments of the present application further relate to storage of course items in a multilevel hierarchical format that allows efficient and flexible scalability, addition, and modification of course content.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4440/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ACCESSIBLE BIO- TELEMATIC DEVICE FOR PERSONAL HEALTHCARE MANAGEMENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NARRENDAR. R.C.
(32) Priority Date	:NA	Address of Applicant :NO: 16, 17 PONJOTHI NAGAR,
(33) Name of priority country	:NA	VELISEMMANDALAM, CUDDALORE (DISTRICT) - 607 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)TILAK
(87) International Publication No	: NA	3)ABHILASH GADEPALLI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARRENDAR. R.C.
(62) Divisional to Application Number	:NA	2)TILAK
Filing Date	:NA	3)ABHILASH GADEPALLI

(57) Abstract :

As the technology has drastically progressed in the past few years, significant advances in healthcare with great impact factors have also taken place. One such application is the need for a reliable and portable Bio-mechatronic personal healthcare management device. The device is a mobile entity that includes a set of sensors which works like a plug and play device that are inclusive of standard communication protocols for easy compatibility. This device mimics a simple data logger for the patients medical condition and can also be monitored remotely by a General Physician and a Specialist. The major feature incorporated in it is the inference system wherein the device uses computational intelligence to monitor the status of a patient continuously if needed and also the device is capable of self-learning. From which it can infer the importance of the situation and take necessary action; this device has been specifically designed for the patients having medical conditions where monitoring is a part of their routine work. If the patient is under any kind of threat, the device will be able to locate and report the healthcare systems in the nearest vicinity for any kind of assistance.

No. of Pages : 6 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3474/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/08/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR WATER SOLUBLE IRON CARBOHYDRATE COMPLEXES

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)LAKSHMI NARASIMHULU GORENTLA

3)VEERA REDDY ARAVA

4)MOHANA RAO MANAM

5)VENKATESWARLU JASTI

(57) Abstract :

The present invention provides an improved process for the preparation of Ferric carboxymaltose (FCM) complex. In this process the oxidation of maltodextrins are carried out by using peroxide in the presence of sodium tungstate catalyst and later complex formation with ferric hydroxide or iron hydroxide maltodextrin complex.

No. of Pages : 19 No. of Claims : 18

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.1108/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :18/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CELLULOSE ESTER COMPOSITIONS HAVING LOW BIFRINGENCE AND FILMS MADE THEREFROM

(51) International classification	:C08B 3/16
(31) Priority Document No	:60/957,856
(32) Priority Date	:24/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/009999
Filing Date	:22/08/2008
(87) International Publication No	:WO 2009/029220
(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)MARCUS DAVID SHELBY
2)MICHAEL EUGENE DONELSON
3)BRADLEY HOWARD DAYVOLT
4)ALAN KENT WILSON
5)BRYAN S. KIRKMAN

(57) Abstract :

The present invention relates to cellulose esters having low hydroxyl content for use in optical applications, such as liquid crystal display (LCD) films. Films made with low hydroxyl levels and a given ratio of non-acetyl ester to hydroxyl level have been found to have low intrinsic birefringence. Therefore, these films can be cast, molded, or otherwise oriented without an appreciable birefringence or optical distortion (i.e. retardation). Such features make these films useful in polarizer, protective, and compensator films as well as molded optical parts, such as lenses. Furthermore, it has also been found that resins of the present invention can also be made to have +C plate behavior either by melt or solvent based processing, a characteristic which is not typical of cellulose esters. Such +C behavior allows films to be produced having unique compensatory behavior. Other embodiments of the invention relate to methods melt casting films while minimizing birefringence formation.

No. of Pages : 102 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1510/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CHRONOMODULATED TIME-DEPENDENT RELEASE SYSTEM OF MONTELUKAST SODIUM FOR TREATMENT OF NOCTURNAL ASTHMA

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SARWAR BEG

2)MD.SAQUIB HASNAIN

(57) Abstract :

In this invention, a chronomodulated time-dependent release system of montelukast sodium was prepared by application of barrier coat of water insoluble polymers on core tablets. The present invention comprising of a formulations with variable coating percentage showed a lag-time based time-dependent release to achieve complete drug release for treatment of nocturnal asthma. The core tablet containing 2% drug along with common tablet excipients was applied with different coating percentage of water insoluble polymer from 2 to 20% showed desired lag-time based complete release. The invention provides high cure rate for asthma worsening as compared to conventional immediate release tablet formulations. Apart from this, the present embodiments provides a time-dependent release tablet formulation with a robust coating composition of polymer on drug, easier and cost-effective methods of preparation with high value of industrial application.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : HIGH-PRESSURE COMPRESSION UNIT FOR PROCESS FLUIDS FOR INDUSTRIAL PLANT AND A RELATED METHOD OF OPERATION

(51) International classification	:F04B
(31) Priority Document No	:MI2009A001235
(32) Priority Date	:10/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NUOVO PIGNONE S.P.A.
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(72)**Name of Inventor :**
1)PALOMBA SERGIO
2)MASI ANDREA
3)DE IACO MARCO
4)CAMATTI MASSIMO
5)BERGAMINI LORENZO

(57) Abstract :

An integrated high-pressure compression unit for a process fluid comprising at least the following: a first compression device (C) able to compress the process fluid from a essentially gaseous initial thermodynamic state (P_i , T_i) to an intermediate thermodynamic state (P_I , T_I); a second compression device (P) connected mechanically to the first compression device (C) and able to compress the process fluid from said intermediate thermodynamic state (P_I , T_I) to a final thermodynamic state (P_f , T_f); a motor device (M) able to drive the said first compression device (C) and the second compression device (P); and a pressure casing or housing (3) in which are enclosed at least the said first and second compression devices (C; P) mechanically coupled to each other.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1575/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TEMPERATURE CONTROL OF MICROMACHINED TRANSDUCERS

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:12/570298	1)AVAGO TECHNOLOGIES WIRELESS IP
(32) Priority Date	:30/09/2009	(SINGAPORE) PTE. LTD.
(33) Name of priority country	:U.S.A.	Address of Applicant :NO. 1 YISHUN AVENUE 7,
(86) International Application No	:NA	SINGAPORE 768923
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DAVID MARTIN
(61) Patent of Addition to Application Number	:NA	2)DONALD LEE
Filing Date	:NA	3)JOHN CHOY
(62) Divisional to Application Number	:NA	4)JOEL PHILLIBER
Filing Date	:NA	5)OSVALDO BUCCAFUSCA

(57) Abstract :

A micromachined structure, comprises a substrate and a cavity in the substrate. The micromachined structure comprises a membrane layer disposed over the substrate and spanning the cavity.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1189/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :21/05/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF OPERATING A WORKING MACHINE

(51) International classification	:F15B
(31) Priority Document No	:GB0910617.0
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BROOKS, RICHARD ANTHONY
2)BROOKS, GRAHAM MARK
3)FORD, KEVIN WILLIAM

(57) Abstract :

A method of operating a working machine (10) which includes a main structure (11) and a working arm (14), the working arm (14) being pivotally mounted on the main structure (11) at one end (13) of the arm (14), the working arm (14) being raisable and lowerable relative to the main structure (11) by a first actuator device (12), and being extendible relative to the main structure (11) by a second actuator device (15), and the arm (14) carrying in use at its other end a working implement (16) which in use carries a load (L), the machine (10) further including a ground engaging drive structure (21, 22) by which the machine (10) is driveable on the ground, and the machine (10) having a longitudinal load moment control system (30, 32, 35, 40) which is functional automatically to disable the operation of the first and/or second actuator device (12, 15) which would increase longitudinal instability in the event that a predetermined machine (10) longitudinal instability is sensed, the method including sensing a parameter relating to the travelling speed of the machine (10) on the ground, and where the machine (10) is determined to be travelling at a speed above a threshold speed, disabling the longitudinal load moment control system (30, 32, 35, 40).

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1488/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A HYDRAULIC SUCTION PRESSURE INDICATOR FOR TRACTOR

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, KNOWLEDGE MANAGEMENT
(32) Priority Date	:NA	CENTER,
(33) Name of priority country	:NA	Address of Applicant :KNOWLEDGE MANAGEMENT
(86) International Application No	:NA	CENTER, 15/5, MATHURA ROAD, FARIDABAD-121 003
Filing Date	:NA	Haryana India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NEERAJ VIJ
Filing Date	:NA	2)JAY GOVIND TRIVEDI
(62) Divisional to Application Number	:NA	3)YOGESH SURESH PATIL
Filing Date	:NA	

(57) Abstract :

This invention relates to a hydraulic suction pressure indicator for tractor comprising of pressure sensor and a dial gauge connected to each other wherein the suction pressure sensor is mounted on suction line between hydraulic filter and pump in which the dial gauge is positioned on cluster panel in front of operator.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1651/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRODUCTION METHOD OF A COATING LAYER FOR A PIECE OF TURBOMACHINERY COMPONENT, THE COMPONENT ITSELF AND THE CORRESPONDING PIECE OF MACHINERY

(51) International classification	:F04D
(31) Priority Document No	:CO2009A000024
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GIANNOZZI MASSIMO
4)GIORNI EUGENIO
5)AVANZINI ANDREA

(57) Abstract :

A method to produce a turbomachinery impeller, which includes, at least, the following steps: creation of the impeller using a light alloy, coating of the impeller with a nickel-plating coating.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1652/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : REPRODUCED SIGNAL EVALUATION METHOD AND WRITE ADJUSTMENT METHOD

(51) International classification :G11B
(31) Priority Document No :2009-167198
(32) Priority Date :15/07/2009
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SONY CORPORATION
3)PANASONIC CORPORATION
(72)Name of Inventor :
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2)KUROKAWA TAKAHIRO
3)SHIRAISHI JUNYA
4)KOBAYASHI SHOEI
5)MIYASHITA HARUMITSU
6)HINO YASUMORI

(57) Abstract :

The present invention aims to provide a reproduced signal evaluation method and a write adjustment method for offering a Blu-ray disc having a large storage capacity with excellent media compatibility. An evaluation index L-SEAT is calculated through signed addition using a Euclidean distance difference calculated from at least one of target signals in which a focused edge is shifted to the right and left, and the quality of the reproduced signal is evaluated based on the evaluation index. Write condition adjustment using the index enables write adjustment not depending on SNR and achieving high adjustment accuracy.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1653/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : GUIDE SYSTEM FOR POWER MODULES

(51) International classification

:E04H

(31) Priority Document No

:12/511,177

(32) Priority Date

:29/07/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MEINERS KARL-HEINZ

(57) Abstract :

A tower (100) includes an outer portion (104) forming an outer covering for the tower and an inner portion (102) disposed within the outer portion. The inner portion includes a preassembled power module including an upwardly extending support (116) and electrical components that extend outwardly beyond the upwardly extending support and guide supports (130) coupled at a first end to the upwardly extending supports and extending outwardly beyond the electrical components.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1379/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PREPOLYMERS

(51) International classification

:C08G

(31) Priority Document No

:10 2009

(32) Priority Date

033 637.0

(33) Name of priority country

:17/07/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HARALD BLUM

2)EVELYN PEIFFER

3)MARC LEIMENSTOLL

(57) Abstract :

Prepolymers, which are accessible from formamides of low molecular weight di- or triamines (formamide-terminated low molecular weight compounds) and di-or polyisocyanates, of the general formula (II): wherein X represents a linear or branched aliphatic, cycloaliphatic, heterocyclic and/or aromatic structural unit having 2 to 40 carbon atoms, and which is optionally further substituted and/or optionally comprises one or more heteroatoms, wherein R represents an organic radical which may optionally contain one or more heteroatoms and which may further contain one or more additional free isocyanate groups and/or one or more urethane, biuret, carbodiimide, isocyanurate, allophanate, iminooxadiazinedione and/or uretdione structural units, and wherein $n \geq 2$; processes for making the same; compositions containing the same; and uses thereof.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1686/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

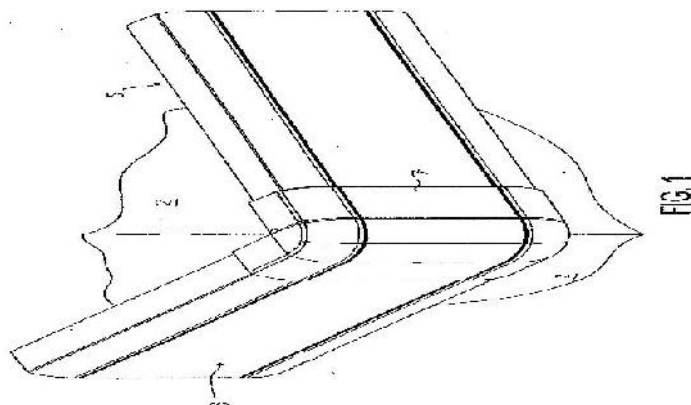
(54) Title of the invention : ANTI-BACTERIAL CABLE MANAGEMENT APPARATUS

(51) International classification	:F16L
(31) Priority Document No	:0912752.3
(32) Priority Date	:22/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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U.K.
(72)**Name of Inventor :**
1)COLIN RICHARD JEFFERIES

(57) Abstract :

Cable management apparatus (3,5), for example trunking, ducting, conduit or fittings, comprises a surface having an anti-bacterial property. At least a portion of the apparatus is reactive to UV light such that the portion of apparatus luminesces when exposed to UV light. Figure 1



No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1687/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED EXTRACTION PROCESS FOR THE SELECTIVE RECOVERY OF CADMIUM FROM SPENT NICKEL CADMIUM BATTERY

(51) International classification

:C22B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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(72)Name of Inventor :

1)ARCHANA AGRAWAL

2)KAMALA KANTA SAHU

(57) Abstract :

The leach solution containing cadmium, nickel, cobalt and iron solution was subjected to iron removal to precipitate out iron hydroxide and is contacted with a water-immiscible organic solution containing a tertiary amine. The process is particularly useful for the selective extraction to separate cadmium from aqueous solutions containing high total metals content and elevated nickel and cobalt concentrations, while avoiding the co-extraction of nickel and cobalt along with the cadmium. The process involves the leaching of spent nickel cadmium battery in the chloride medium and contacting the leach liquor with a water-immiscible organic solution to selectively separate cadmium from nickel and cobalt and produce cadmium loaded organic phase leaving all the nickel and cobalt in the raffinate. The cadmium-loaded organic phase is then contacted with dilute acidic solution to strip out cadmium into the aqueous phase which could directly be used for the production of different value added products.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1688/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A NON-CATALYTIC ELECTROCHEMICAL MEMBRANE PROCESS FOR THE PREPARATION OF SOLID POTASSIUM IODATE

(51) International classification

:B01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

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(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)VADAKKE PUTHOOR MOHANDAS

4)SHAH BHARTI GUNVANTRAY

5)SANGHAVI RAHUL JASVANTRAI

6)PARMAR MANSUKH NANUBHAI

(57) Abstract :

The invention comprises the preparation of solid potassium iodate by electrochemical method in a two compartmental membrane flow cell without the use of catalytic potassium dichromate for edible and other industrial applications. The procedure involves the use of iodine and potassium hydroxide. The present method avoids the use of carcinogenic catalysts and several other cost implicated process steps. This method works at temperatures between 45 and 60°C. A fabric supported heterogeneous anion exchange membrane was used in the construction of two-compartmental membrane cell to support the formation of potassium iodate in the absence of dichromate catalyst at high coulombic efficiency and purity. The method gives potassium iodate 55% and above in the first batch and average 100% yield in all repetitive cycles with an estimated purity of greater than 99.8%. A solution of potassium hydroxide was used as reproducible catholyte.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1290/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : FORMULATION OF BACTERIAL CONSORTIUM FOR DEGRADATION OF HIGH-DENSITY POLYETHYLENE.

(51) International classification

:C12Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(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)REETA GOEL

2)ANIL KAPRI

3)ALOK SATLEWAL

4)MS.HARSHITA NEGI

5)M.G.H.ZAIDI

(57) Abstract :

This invention relates to a formulation of bacterial consortium for degradation of high density polyethylene, developed by selective adaptability and enrichment under in situ conditions, comprising, Microbacterium sp. strain MK3 (DQ 318884), Pseudomonas putida strain MK 4 (DQ 318885), Bacterium Te68R strain PN12 (DQ 423487) in minimal broth Davis medium without dextrose containing gm per liter, 7.0 K₂ HPO₄; 2.0 KH₂ PO₄; 0.5 Na₃C₆ H₅O₇; 0.1 MgSO₄.7H₂O and 1.0 (NH₄)₂ S₄, wherein an aliquot of 200 ml is withdrawn from glycerol stocks and cultures are revived by inoculating into 5 ml Nutrient Broth at their optimum pH 7 ± 0.02 and temperature 37 ± 1°C for overnight (12 hrs) with continuous shaking at 120 rpm.

No. of Pages : 21 No. of Claims : 4

(54) Title of the invention : STAPLE REMOVER

(51) International classification	:B25C
(31) Priority Document No	:2009-159959
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :6-6, NIHONBASHI HAKOZAKI-CHO, CHUO-KU, TOKYO 103-8502, Japan

(72)Name of Inventor :

1)TAKUYA KUBOTA**2)YASUNORI KUDOU**

(57) Abstract :

A staple remover that removes a staple from a bundle of paper is provided. The staple removers of these two types have been separately used for small number of sheets of the bundle of paper and a large number of sheets of the bundle of paper. The staple remover (100) is provided with a base member (1), an operating handle (2) pivoted on the base member (1), an inserting member (6) that is inserted between the large number of sheets of a bundle of paper and a crown portion of a staple and a sloping member (3) that contains a slope portion (3a) which increases in level from a front end of the sloping member (3) to a rear end thereof and that is inserted between the small number of sheets of the bundle of paper and a crown portion of a staple, as shown in FIG. 1.

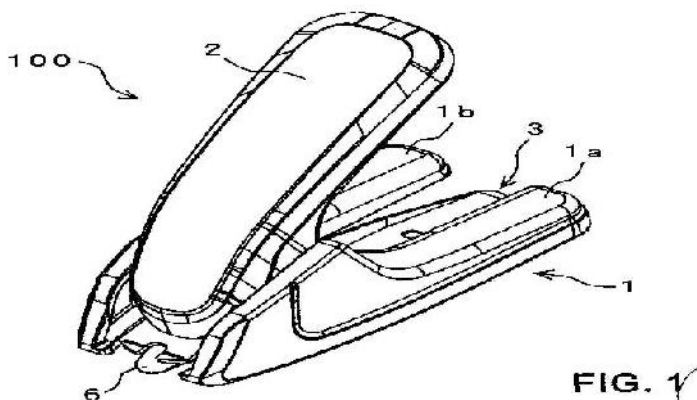


FIG. 1

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1569/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHODS FOR SORTING MATERIALS

(51) International classification	:B07C	(71)Name of Applicant :
(31) Priority Document No	:12/712,343	1)MINERAL SEPARATION TECHNOLOGIES, INC.
(32) Priority Date	:25/02/2010	Address of Applicant :1508 ELM HILL PIKE, SUITE 102,
(33) Name of priority country	:U.S.A.	NAASHVILLE, TENNESSEE, 37210 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHARLES E. ROOS
(87) International Publication No	:NA	2)EDWARD J. SOMMER JR.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is the use of differences in x-ray linear absorption coefficients to process ore and remove elements with higher atomic number from elements with lower atomic numbers. Use of this dry method at the mine reduces pollution and transportation costs. One example of said invention is the ejection of inclusions with sulfur, silicates, mercury, arsenic and radioactive elements from coal. This reduces the amount and toxicity of coal ash. It also reduces air emissions and the energy required to clean stack gases from coal combustion. Removal of said ejected elements improves thermal efficiency and reduces the pollution and carbon footprint for electrical production.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1691/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PYRIDIN-2-YL SULFANYL ACID ESTER COMPOUNDS HAVING ANTIINFLAMMATORY PROPERTIES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SARMA JADAB CHANDRA
(61) Patent of Addition to Application Number	:NA	2)BORA DILIP CHANDRA
Filing Date	:NA	3)RAO PARUCHURI GANGADHAR
(62) Divisional to Application Number	:NA	4)GHOSH BALARAM
Filing Date	:NA	5)BALWANI SAKSHI

(57) Abstract :

The present invention relates to Pyridin-2-yl sulfanyl acid ester compounds having antiinflammatory properties. The present invention particularly relates to novel anti-inflammatory heterocyclic acid esters of Pyridin-2-yl sulfanyl having the structure of formula (1) which have been screened for their antiinflammatory activity with respect to inhibition of adhesion of neutrophils, isolated from human peripheral blood, onto the surface of human umbilical vein endothelial cells (HUVEC) as a result of inhibition of the cytokine-stimulated expression of cell adhesion molecule ICAM-1. The compound RS-Z, 3-(Pyridin-2-yl sulfanyl)-propionic acid pentyl ester (structure Ia, R1 = H, R2 = H, R3 = CH₂COOC₅H₁₁) was found to be most effective for ICAM-1 and neutrophil adhesion inhibition and was found to effectively alleviate inflammation mediated by excessive leukocyte infiltration leading to inflammatory disorders or like conditions, such as acute lung injury and acute respiratory distress syndrome in mice.

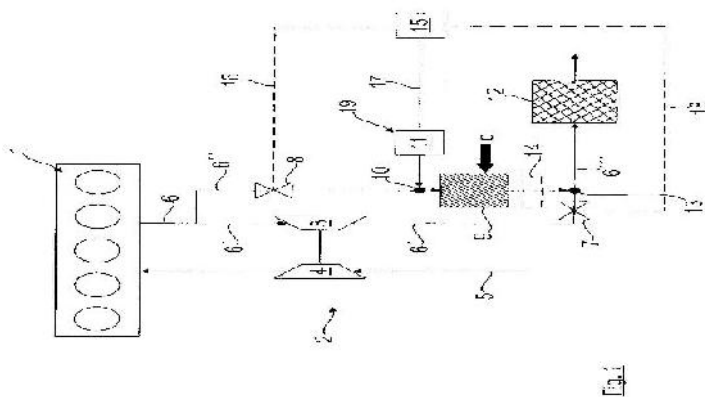
No. of Pages : 30 No. of Claims : 10

(54) Title of the invention : METHOD AND DEVICE FOR CLEANING AN EXHAUST STREAM OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)MAN TRUCK & BUS AG
(32) Priority Date	035 693.2	Address of Applicant :DACHAUER STRASSE 667, D -
(33) Name of priority country	:30/07/2009	80995 MUNCHEN, Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)D-RING, ANDREAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device for cleaning an exhaust stream of an internal combustion engine, in which nitrogen oxides are removed from the exhaust stream by means of selective catalytic reduction (SCR), the exhaust stream (6) upstream from at least one SCR catalyst (12) being divided or branched into a main exhaust stream (6) and a partial exhaust stream (6, 20), to which partial exhaust stream (6, 20) a defined amount of a reducing-agent precursor substance (11) which is to be decomposed is supplied, which substance is reacted in a reactor (9) to form a reducing agent, preferably ammonia, which agent is carried away from the reactor (9) by means of the partial exhaust stream (6, 20) and is supplied to the main exhaust stream (6) upstream from the SCR catalyst (12), with at least one shut-off and/or choke means (8, 21) which is coupled by means of a control and/or regulating device and can be controlled dependent on defined operating parameters being provided in the partial exhaust stream (6, 20). According to the invention, at least one shut-off and/or choke means (7, 7) is also provided in the main exhaust stream (6) and the shut-off and/or choke means (7, 7, 8, 21), in particular in defined idling and/or low-load operation, are controlled dependent on defined reaction parameters such that firstly the main exhaust stream (6) is shut off, or choked in defined manner, and secondly the partial exhaust stream (6, 20) is backed up to a defined extent. (Fig. 1)



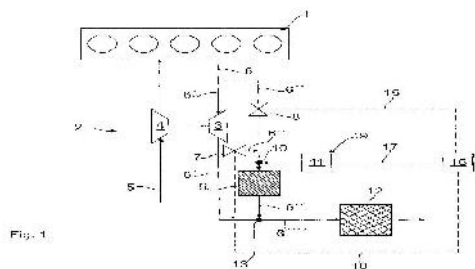
No. of Pages : 28 No. of Claims : 30

(54) Title of the invention : METHOD AND DEVICE FOR CLEANING AN EXHAUST STREAM OF AN EXHAUST-SUPERCHARGED INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)MAN TRUCK & BUS AG
(32) Priority Date	035 692.4	Address of Applicant :DACHAUER STRASSE 667, D -
(33) Name of priority country	:30/07/2009	80995 MUNCHEN, Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)D-RING, ANDREAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for cleaning an exhaust stream of an exhaust-supercharged internal combustion engine, in which nitrogen oxides are removed from the exhaust stream by means of selective catalytic reduction (SCR), the exhaust stream (6) upstream from an exhaust-gas turbine of an exhaust turbocharger and upstream from at least one SCR catalyst (12) being divided or branched into a main exhaust stream (6) carried in a main exhaust line to the exhaust-gas turbine (3; 3) and into at least one bypass exhaust stream (6) carried in a bypass line and carried past the exhaust-gas turbine, which bypass stream is preferably branched off from the main exhaust stream, with a defined amount of a reducing-agent precursor substance (11) to be decomposed being supplied to the bypass exhaust stream (6) in defined internal-combustion-engine operating conditions, which substance is converted into a reducing agent, preferably to ammonia, in a reactor (9) of the bypass exhaust stream (6), which agent is carried away from the reactor (9) by means of the bypass exhaust stream (6) and is supplied to the main exhaust stream (6) upstream from the SCR catalyst (12), and with at least one shut-off and/or choke means (7, 8; 21; 25; 27) which is coupled by means of a control and/or regulating device and can be controlled dependent on defined operating parameters being provided. According to the invention, at least one branch line is branched off from the main exhaust line downstream from the exhaust-gas turbine (3; 3), which branch line opens into the bypass line upstream from the reactor (9) and/or upstream from a mixing-in point (10) for a reducing-agent precursor substance (11) and by means of which a branch exhaust stream (6, 20) is branched off from the main exhaust stream (6) and supplied to the bypass line dependent on defined internal-combustion-engine operating conditions and/or dependent on defined threshold values, in particular dependent on defined temperature and/or exhaust-mass threshold values on or in or after the reactor and/or of the exhaust streams before and/or after the exhaust-gas turbine (3; 3), alternatively or optionally in addition to the bypass exhaust stream (6) and also in controlled or regulated manner via the control and/or regulating device (15) which controls the at least one shut-off and/or choke device (7, 8; 21; 25; 27). (Fig. 1)



No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS AND METHODS FOR CONTROLLING APPLICATION OF A SUBSTANCE OF A SUBSTRATE

(51) International classification	:B41J
(31) Priority Document No	:60/965,361
(32) Priority Date	:20/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/009910
Filing Date	:20/08/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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BANNOCKBURN, IL 60015, U.S.A.
(72)**Name of Inventor :**
1)DE JOSEPH ANTHONY B.
2)CYMAN JR. THEODORE F.
3)HOOK KEVIN J.
4)MOSCATO ANTHONY V.
5)HAAN HENDERIKUS A.

(57) Abstract :

Apparatus and methods for controlling application of a substance to a substrate involve the use of a gating agent that blocks the substance from or attracts the substance to the substrate. The apparatus and methods may utilize ink jet technology to apply the gating agent directly to the substrate or to an intermediate surface. The substance may be an ink, an electrically conductive material, a magnetic material, a carrier for a therapeutic, diagnostic, or marking substance other than an ink, or a carrier for any other type of substance.

No. of Pages : 82 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1187/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :21/05/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTI-MODE CONVERGENCE METHOD, MULTI-MODE COMBINATION METHOD, AND DEVICES THEREOF

(51) International classification	:H04L
(31) Priority Document No	:200910139393.3
(32) Priority Date	:21/05/2009
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
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China.
(72)**Name of Inventor :**
1)ZHOU Taoyuan
2)GU Jiangchun
3)HU Aihua
4)ZHANG Yong

(57) Abstract :

A multi-mode convergence method, a multi-mode combination method, and devices thereof are provided. The multi-mode convergence method includes the following steps. Data from multi-mode base band units (BBUs) is received and separated into downlink service data and operation maintenance data. A channel configuration is generated according to the operation maintenance data. The downlink service data of a corresponding mode is selected according to the channel configuration, and the downlink service data and the operation maintenance data are consolidated, and the consolidated data is sent to corresponding remote radio unit (RRUs). The multi-mode convergence method, the multi-mode combination method, and devices thereof are adopted, so as to accomplish functions, such as multi-mode and pseudo noise (PN) multiplexing, to decrease complexity of a multi-mode system, and provide a function of multi-mode coexistent optical fiber.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1187/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : NANOPARTICLE-BASED COMPOSITIONS COMPATIBLE WITH JET PRINTING AND METHODS THEREFOR

(51) International classification	:C09D
(31) Priority Document No	:60/965,361
(32) Priority Date	:20/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/009893
Filing Date	:20/08/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOORE WALLACE NORTH AMERICA
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BANNOCKBURN, IL 60015, U.S.A.
(72)**Name of Inventor :**
1)HOOK Kevin J.
2)LITMAN Stanley
3)ZALOOM Jeffrey

(57) Abstract :

Apparatus and methods for controlling application of a substance to a substrate involve the use of a nanoparticle-based gating agent that blocks the substance from or attracts the substance to the substrate. The apparatus and methods may utilize ink jet technology to apply the gating agent directly to the substrate or to an intermediate surface.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1612/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MINI HANDWASH BOTTLE/TUBE WITH FLIP-TOP CAP FOR PACKING AND USING LIQUID SOAP AND THE HAND WASHING METHOD THERIN

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. CHANDAN KUMAR SINGH
(32) Priority Date	:NA	Address of Applicant :RZ/D-14, GALI NO. 1,
(33) Name of priority country	:NA	DWARIKPURI, (BEHIND DWARIKAPURI BUS STAND)NEW
(86) International Application No	:NA	DABRI-DWARKA ROAD, NEW DELHI-110045 India
Filing Date	:NA	2)MRS. PUSHPA SINGH
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. CHANDAN KUMAR SINGH
Filing Date	:NA	2)MRS. PUSHPA SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention describes a packing of liquid hand wash soap in a packing of liquid hand washing soap in new personalized mini pack, without involving the dispensing mechanism and the method for its application thereof.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1614/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : HYDROXYAPATITE POLY (ETHERETHERKETONE) NANOCOMPOSITIES AND METHOD OF MANUFACTURING SAME

(51) International classification	:C08K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :KANPUR, UTTAR PRADESH,
(33) Name of priority country	:NA	208016 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAMAL KRISHNA KAR
(87) International Publication No	:NA	2)SUMIT PRAMANIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Hydroxyapatite-polymer nanocomposites, which are nanoparticles/microparticles, methods for making them, and articles made from them are disclosed. These methods are capable of preparing nanocomposites exhibiting more homogeneous dispersion of nanoparticles than is seen using previous methods. Such nanocomposites and articles are useful for a wide variety of applications, such as biological, medical, biochemical, biosensor, fuel cell, and aerospace applications.

No. of Pages : 62 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTILAYER TISSUE CULTURE VESSEL

(51) International classification	:C12M
(31) Priority Document No	:12/840,758
(32) Priority Date	:21/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)BECTON, DICKINSON AND COMPANY
Address of Applicant :1 BECTON DRIVE, FRANKLIN
LAKES NEW JERSEY 07417-1880 U.S.A.
(72)Name of Inventor :
1)LACEY, WILLIAM J.
2)SHANLER, MICHAEL S.
3)CAI, AMY W.

(57) Abstract :

The present invention discloses a vessel for culturing cells which includes: a bottom including a base with an upwardly extending wall at least partially bounding the base of the bottom; a top including a base with a downwardly extending wall at least partially bounding the base of the top; a tubular neck with an opening defined therein; and, one or more shelves, wherein, each shelf includes a base with an upwardly extending wall at least partially bounding the base of the shelf. The upwardly extending wall of a first shelf adjoins the downwardly extending wall of the top with the first shelf being located intermediate the bottom and the top. The base of each of the shelves having at least one aperture formed therein. The bottom, the top and the one or more shelves collectively define an enclosed volume for culturing cells. The tubular neck extends from the vessel with the enclosed volume being accessible by the opening in the tubular neck. Advantageously, this vessel provides high volume cell culture in a manner that increases efficiency and reduces the cost of culturing cells.

No. of Pages : 39 No. of Claims : 36

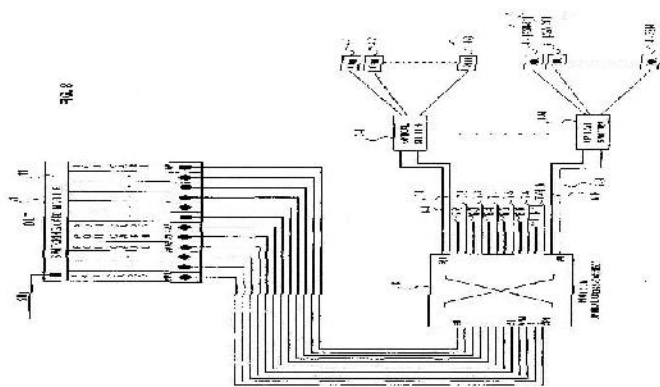
(54) Title of the invention : CENTRAL OFFICE SIDE REDUNDANCY SCHEME FOR FIBER TO-THE-HOME PASSIVE OPTICAL NETWORKS

(51) International classification :H04B
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT), NEW DELHI
 Address of Applicant :C-DOT CAMPUS, MEHRAULI, NEW DELHI-110 030 India
 (72)Name of Inventor :
1)VIDYARATAN

(57) Abstract :

The present invention provides optimized and cost effective solution to provide Central Office side redundancy in a Fiber To The Home-Passive Optical Networks (FTTH-PON). The present invention includes central office side system Optical Line Terminal (OLT) consisting of switching card module (SCM) to interface to other networks and to switch data, a plurality of PON cards receiving the switching data and providing access network through Passive Optical Splitters to plurality of end user devices called Optical Network Unit. The OLT system in present invention includes N working and M standby cards. Present invention provides M:N redundancy for hardware failure and 1:1 redundancy for fiber-cut with the help of (MxN cross-connect and 2x2 cross connect) or (M+N)x2N cross-connect. The plurality of PON cards are connected to optical cross-connect, thereby realizing M:N redundancy towards hardware failure and 1:1 redundancy towards fiber cut.



No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1683/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : ENERGY SAVING AIR CONDITIONING SYSTEM

(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DURGA PRASAD MISHRA
(32) Priority Date	:NA	Address of Applicant :40-ALOKNAGAR, KALYANPUR,
(33) Name of priority country	:NA	RING ROAD, LUCKNOW U.P. (226022) India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DURGA PRASAD MISHRA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Air Conditioning apparatus is disclosed herewith that is much more energy efficient as compared to the conventional Air Conditioners (window or split type air conditioning systems). The said air conditioning system incorporates an improved evaporator unit along with improved condenser unit. The evaporator unit is improved by incorporating multi step air cooling process by disposing more than one evaporating heat exchanger in series succession. In which the indoor air is cooled in more than one step. The direction of flow of the air through the said coils is opposite to that of the refrigerant being circulated in the coils to ensure fast and efficient cooling of the indoor air. The condenser unit is improved by incorporating multi step heat rejection by condensing heat exchangers by employing more than one condensing heat exchanger in series succession. In which the outdoor air extracts heat in two steps. The direction of flow of the air through the said coils is opposite to that of the refrigerant being circulated in the coils to ensure fast and efficient heat exchange. In addition to it there is a submerged intermediate heat exchanger disposed in the water reservoir disposed in the bottom of the said condenser unit. The said submerged heat exchanger consists of two separate coils, one is high pressure hot circuit that contain hot refrigerant coming from the condensing heat exchangers and second is low pressure cold circuit containing cold refrigerant vapor coming from the evaporator unit. There is also provided a outdoor air cooling grid panel disposed just before the condensing heat exchangers any amount of extra water (as the condensate water from the evaporating unit is accumulated here) is pumped by a water pump to the said grid panel, where it get vaporized. This not only ensures water spillage generally seen in the air conditioning units but also provides pre-cooled air to the condensing heat exchanger that improves the heat rejection by the said heat exchangers and boosts the overall EER of the system.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :26/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : DRUG SUBSTANCES WITH IMPROVED SOLUBILITY

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUBILANT ORGANOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201
(33) Name of priority country	:NA	301, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGARWAL, ASHUTOSH
(87) International Publication No	:NA	2)CHOUDHARY, ALKA SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	3)VIR, DHARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention features the drug substances in its salt, co-crystal, complex, derivative or emulsion form with improved solubility and hence the increased rate of dissolution and higher bioavailability. The processes for their preparation and their pharmaceutical compositions are also covered.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BLAND TURMERIC POWDER WITH ENHANCED CURCUMINOIDS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)J. PURA NAIK
(61) Patent of Addition to Application Number	:NA	2)S.R. SAMPTHU
Filing Date	:NA	3)M. MADHAVA NAIDU
(62) Divisional to Application Number	:NA	4)G. SULOCHANAMMA
Filing Date	:NA	

(57) Abstract :

Turmeric (*Curcuma longa* L.) belongs to the family Zingiberaceae, has been known for its flavouring/colouring properties. India has 149410 hectares area under cultivation with a annual production of 5,27,960 tones.. The commercially important turmeric products are turmeric powder and oleoresin. However, the above products have strong flavour and bitter taste, hence undesirable for colouring/flavouring food products. Thus, the oleoresin is further subjected to crystallization of relatively high purity colourant i.e. water insoluble curcuminoids (90-95 %) and generates waste called curcumin removed turmeric oleoresin (CRTO) having about 15-16% uncrystallisable curcuminoids. The present new colourant (bland turmeric powder) is prepared by treating turmeric powder with two selected solvents/solvent mixture in two stages to selectively remove non-colouring constituents (viz. bitter principles, aroma, fatty oil, resinous matter etc.). This colourant can be used to impart yellow colour to food products prepared in powder/semi-liquid/liquid form for example gillebi, boondi, milk, milk products, bakery products, puddings, beverages etc., which over comes the problem of application of pure curcuminoids in aqueous preparation and also CRTO waste generation. The colourant containing 2.5% curcuminoids required to impart optimum yellow colour to above said preparations is in the range of 0.05 to 0.15%. The by-product is light yellowish mild turmeric flavoring, which can be used in food and pharmaceutical applications.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1690/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PROCESS FOR REDUCING THE ELECTRICAL RESISTIVITY OF NATURALLY-OCCURRING ILMENITE

(51) International classification

:C22B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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1)MURTHY, GUDIMELLA VENKATA

SATYANARAYANA

2)PATHAK, LOKESH CHANDRA

3)MEHROTRA, SURYA PRATAP

4)SRINIVASAN RANGANATHAN

5)GODIWALLA, KERSI MINOO

(57) Abstract :

The present invention provides a process for reducing the electrical resistivity of naturally occurring Ilmenite. The product obtained by the process of the present invention is useful as cathode in the production of Titanium by deoxygenation route and for producing varistors. The present invention utilizes Ilmenite and provides for the addition of titanium dioxide and carbon to the ore followed by sintering at appropriate temperatures to enhance the electrical conductivity of Ilmenite.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.230/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE WHICH IS SUBJECT TO FLUID FLOW

(51) International classification	:B64C
(31) Priority Document No	:0902914.1
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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SOMERSET BA20 2YB, U.K.
(72)**Name of Inventor :**
1)DAYNES, STEPHEN
2)WEAVER, PAUL
3)POTTER, KEVIN

(57) Abstract :

A device such as an aerofoil which in use is subject to fluid flow, includes an outer surface part the geometry of which is variable to affect the fluid flow, the device including a support structure which supports the outer surface part, the support structure being internal of the device and including a plurality of support members of composite material, the geometry of the support structure being changeable by an actuating apparatus between a first stable geometry and a second stable geometry to effect variation in the geometry of the outer surface part, the support members providing structural stiffness to the outer surface part.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2435/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXERCISE DEVICE HAVING INELASTIC STRAPS AND INTERCHANGEABLE PARTS

(51) International classification	:A63B
(31) Priority Document No	:60/973,129
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/076546
Filing Date	:16/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FITNESS ANYWHERE LLC.
Address of Applicant :755 SANSOME STREET, SAN FRANCISCO, CA 94111, U.S.A.
(72)**Name of Inventor :**
1)HETRICK Randal

(57) Abstract :

An exercise device having an anchor with multiple components is described. In one embodiment, the anchor includes one or more interlocking components, such as rigid or flexible loops. Rigid loops such as gated rings may advantageously be used to connect the different components. Embodiments permit for replacing, interchanging, or adding components to an exercise device anchor.

No. of Pages : 58 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1692/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A COMPOSITION AND MANUFACTURING PROCESS OF RESIN CAPSULES SUITABLE AS GROUTING MATERIAL FOR UNDERGROUND MINES

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)JAGDISH
(61) Patent of Addition to Application Number	:NA	2)MANOJ KUMAR
Filing Date	:NA	3)SUSHIL KUMAR
(62) Divisional to Application Number	:NA	4)ZULFIQUAR AHMAD
Filing Date	:NA	

(57) Abstract :

An improved chemical composition is designed suitable for rock bolting in the underground mines which provides better quality of the products especially having good shelf life and better physico-mechanical properties. Heat releasing chemicals and fire retardency enhancing ingredients are added for the first time in the present invention. Zinc oxide with other metal oxides such as antimony tri/penta oxide is invented as heat releasing agent which accelerates the rate of release of heat generated during the reaction and responsible for development of chain length of the polymer in the resin component. Sodium pyro antimonite/potassium pyro antimonate added in the solid fillers act as fire retardency enhancer in the finished product.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1693/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYNERGISTIC COMPOSITION USEFUL AS MICROBIOLOGICAL GROWTH MEDIUM AND A HIGH-THROUGHPUT SCREENING METHOD FOR SCREENING OF PHOSPHATE-ACCUMULATING MICROORGANISMS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 100 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CHANDRA SHEKHAR NAUTIYAL
(61) Patent of Addition to Application Number	:NA	2)VASVI CHAUDHRY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Screening isolates for phosphate accumulation by quantitative methods requires investment of time, labour and chemicals. There has been paucity of a medium and method for screening phosphate-accumulating microorganisms (PAOs) from the environment. Therefore, a new screening strategy is needed towards isolating effective PAOs in environments with diverse microbial populations and limited organic resources, where it is possible that PAOs are often out-competed by organisms capable of utilising available nutrients more rapidly. In view of these problems, a medium optimal for an efficient screening of P-accumulating microorganisms was developed, which is rapid and allows many PAOs to be screened. Thus, the present invention utilizes Toluidine Blue-0 (TBO) a blue coloured dye, which decolorizes due drop in the concentration of phosphate in the medium, as an indicator to quickly evaluate the P-accumulating microorganisms based upon visual observations. Fast decolorization of the dye is an indicator of a superior phosphate accumulating microbe. Therefore, colorimetric reaction using PAM-TBO of the present work was further applied in a novel, extremely high-throughput manner to detect individual microbial isolates, growing on a PAM Petri plate. Adaptation of PAM-TBO assay in screening PAOs in environmental samples for microtitre plate assay enhanced the effectiveness of the assay system efficiently and effectively.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : NOVEL SUBSTITUTED 2,2,6-TRIMETHYL-7,9-TRIOXA-TRICYCLO[6.2.2.0.] DODEC-11-ENES (ENDOPEROXIDES)

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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2)GURU NANAK DEV UNIVERSITY

(72)Name of Inventor :

1)ISHAR MOHAN PAUL SINGH

2)SINGH LAKHWINDER

3)SINGH RAJINDER

4)SAXENA AJIT KUMAR

5)MONDHE DILIP MANIKRAO

6)AGRAWAL SATYAM KUMAR

7)PAL HARISH CHANDRA

(57) Abstract :

The present invention relates to Novel substituted 2,2,6-Trimethyl-7,9,10-trioxa-tricyclo[6.2.2.01,6]dodec-11-enes (Endoperoxides). This invention further relates to their antitumor activity. The present invention also relates to pharmaceutical composition of above compounds for the treatment of cancer and related diseases.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2438/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMBINATION ANCHOR FOR AN EXERCISE DEVICE

(51) International classification	:A63B
(31) Priority Document No	:60/973,123
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/076549
Filing Date	:16/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FITNESS ANYWHERE LLC.
Address of Applicant :755 SANSOME STREET, SAN FRANCISCO, CA 94111, U.S.A.
(72)**Name of Inventor :**
1)HETRICK Randal

(57) Abstract :

An apparatus for connecting an exercise device to a structure is described. The apparatus includes two different attachment devices, such as a door anchor and a ring. The door anchor is supportable by a closed door. The ring loops back on the apparatus to form a loop that may be wrapped about a support structure. Alternatively, the ring may be supported directly by the structure, as through an eye bolt attached to a wall.

No. of Pages : 60 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1276/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF RAPAMYCIN ESTERS

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(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)KHATTAR, DHIRAJ

2)KHANNA, RAJESH

3)SINGLA, POONAM

4)YADAV, ABHILASHA

5)GUPTA, VINAY

6)KINI, RAJESH

7)DUBEY, SUSHIL KUMAR

(57) Abstract :

A stable pharmaceutical compositions of Rapamycin Esters, in particular Rapamycin 42-ester with 3-hydroxy-2-(hydroxymethyl)-2-methylpropionic acid that is free of antioxidants and a process of preparing the same.

No. of Pages : 36 No. of Claims : 34

(54) Title of the invention : TEXTILE MACHINE HAVING A SUCTION DEVICE AND METHOD FOR CONTROLLING THE SUCTION DEVICE OF A TEXTILE MACHINE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)RIETER INGOLSTADT GMBH
(32) Priority Date	028359.5	Address of Applicant :FRIEDRICH-EBERT-STR., 84, 85055
(33) Name of priority country	:07/08/2009	INGOLSTADT Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MICHAEL STROBEL
(87) International Publication No	:NA	2)ALBERT KRIEGLER
(61) Patent of Addition to Application Number	:NA	3)MICHAEL UEDING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for controlling a suction device (17) of a textile machine, particularly a spinning or spinning preparation machine, such as a drawframe, card, or combing machine, wherein the suction device (17) comprises a fan (12) for generating an airflow, a filter element (13) for filtering the air flow, and a cleaning device (14) for cleaning the filter element (13). According to the invention, it is proposed that the speed of the fan (12) and the operating status of the cleaning device (14) are matched to each other by means of a controller (15). A corresponding textile machine having a suction device (17) is further disclosed, wherein the suction device (18) comprises a fan (12) for generating an air flow, a filter element (13) for filtering the air flow, and a cleaning device (14) for cleaning the filter element (13). The textile machine is characterized in that the fan (12) and the cleaning device (14) are connected to a controller (15) of the textile machine, by means of which the speed of the fan (12) and the operating status of the cleaning device (14) can be matched to each other.

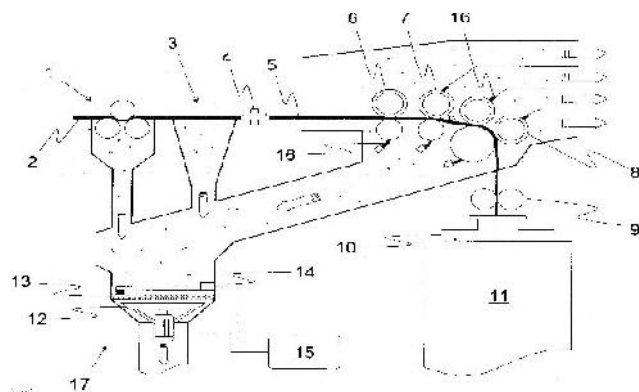


Fig. 1.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.231/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : AIR VEHICLE

(51) International classification	:B64C
(31) Priority Document No	:199230
(32) Priority Date	:08/06/2009
(33) Name of priority country	:Israel
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Elta Systems Ltd.
Address of Applicant :100 Yitzchak Hanassi Blvd. P. O. B.
330 Ashdod 77102 Israel
(72)**Name of Inventor :**
1)PRATZOVNICK ARIE.,
2)RON Shmuel

(57) Abstract :

A variety of air vehicle embodiments are disclosed. According to at least some embodiments of the invention, an air vehicle includes a fuselage and a wing arrangement, a sensor/emitter arrangement configured for sensing and/or emitting energy in directions associated with a plurality of different lines of sight (LOS) with respect to the fuselage. The fuselage is configured for integrating the sensor/emitter arrangement therein for enabling optimizing operation of the sensor/emitter arrangement. The air vehicle is further configured such that the sensor/emitter arrangement includes one or more sensor/emitter arrays, each having a sensing/emitting face configured for sensing and/or emitting energy and that is elongated with respect to an elongation axis, and wherein at least one such sensor/emitter array is arranged with the respective sensing/emitting face thereof at least partially facing a forward direction or an aft direction along a fuselage longitudinal axis, and at least partially facing at least one side direction along the fuselage pitch axis. Additionally or alternatively, the air vehicle is free of additional tail arrangement. Additionally or alternatively, the fuselage includes one or more predetermined fineness ratios. Other embodiments of an air vehicle according to the invention are also disclosed, as well as a method for generating an air vehicle configuration.

No. of Pages : 84 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2446/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXERCISE DEVICE HAVING A DOOR ANCHOR

(51) International classification	:A63B
(31) Priority Document No	:60/973,111
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/076551
Filing Date	:16/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Randal HETRICK

(57) Abstract :

An exercise device having a door anchor is described. The anchor is fixed to a pair of elongated members each having a grip. The anchor stands off from the door by 1 to 18 inches before attaching to the elongated members. In one embodiment, the exercise device is sewn together. In another embodiment, a ring holds the various components together.

No. of Pages : 26 No. of Claims : 21

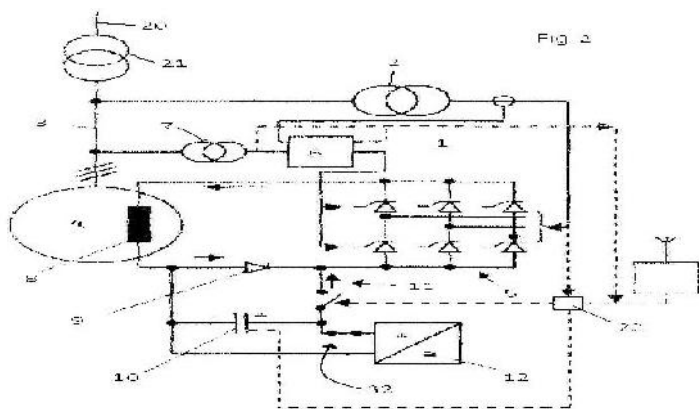
(54) Title of the invention : STATIC EXCITER OF A FIELD WINDING AND METHOD FOR OPERATING THE SAME

(51) International classification :H02P
 (31) Priority Document No :09166899.6
 (32) Priority Date :30/07/2009
 (33) Name of priority country :EPO
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 5400 BADEN, SWITZERLAND
 (72)Name of Inventor :
1)COSTANTIN GINET
2)LUIS DIEZ-MAROTO

(57) Abstract :

The static exciter (1) of a field winding (8) of an electric generator (1) comprises a rectifier (5) connected to an electric grid (20) and to the field winding (8) of the electric generator (1), a diode (9) connected in series with the rectifier (5), and a capacitor bank (10). The static exciter (1) further comprises a switch (11) between the diode (9) and the capacitor bank (10) connected to a control unit (22) that closes it when a voltage indicative of the grid voltage drops below a first prefixed voltage value (V1) to connect the capacitor bank (10) to the field winding (8). The control unit (22) opens said switch (11) when a voltage indicative of the grid voltage exceeds a second prefixed voltage value (V2) to disconnect the capacitor bank (10) from the field winding (8), such that the capacitor bank (10) supplies energy to the field winding (8) only for the time needed. The present invention also refers to a method for operating a static exciter (1). (Fig. 2)



No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1776/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR EARLY DETECTION AND ANTICIPATORY CONTROL OF CONSUMER-END LOAD SHEDDING IN AN ELECTRICAL GRID, AND APPARTUS FOR CARRYING OUT THE METHOD

(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:01193/09	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:30/07/2009	Address of Applicant :BROWN BOVERI STRASSE 7, CH-
(33) Name of priority country	:Switzerland	5400 BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARCEL MEIER
(87) International Publication No	:NA	2)CHRISTIAN STOCKMANN
(61) Patent of Addition to Application Number	:NA	3)ERHARD LIEBIG
Filing Date	:NA	4)JOSE TABORDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for early detection and anticipatory control of consumer-end load shedding in an electrical grid (17), which is supplied with alternating current from a generator (16) which is driven by at least one rotating machine/turbine (15). A rapid, safe and installation-protective response to consumer-end load shedding is made possible in that currents (B) and voltages (A) are measured between the at least one generator (16) and the single-phase or polyphase electrical grid (17), and/or are measured in the single-phase or polyphase electrical grid (17), and in that one or more signals (0, Oi, P, Pi) is or are derived from the measured currents (B) and voltages (A) and is or are used for action on the at least one rotating machine/turbine (15).

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3166/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :05/05/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : BREWING PROCESS AND BREWERY INSTALLATIONS

(51) International classification :F24J
(31) Priority Document No :10 2007 054 429.6
(32) Priority Date :13/11/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/009102
Filing Date :28/10/2008
(87) International Publication No :WO 2009/062597
(61) Patent of Addition 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 :BOHMERWALDSTRASSE 5, 93073
NEUTRAUBLING, Germany
(72)**Name of Inventor :**
1)WASMUHT, KLAUS
2)STUMPE, CORNELIA

(57) Abstract :

The present invention relates to a brewing process which comprises the steps: taking off a fluid having a starting temperature from a heat store; feeding the fluid to a plurality of heat consumers for releasing heat; and returning to the heat store the fluid which has a final temperature. The invention additionally relates to a brewery installation which comprises a heat store which receives a fluid, a primary circuit of the fluid which is connected to the heat store, a flow controller unit which is equipped for controlling the flow of the fluid in the installation, and a plurality of heat consumers each of which is connected to the primary circuit for releasing heat. It is an object of the present invention to provide a brewing process and a brewery installation having improved efficiency. This object is achieved according to the invention by a brewing process which is characterized in that the final temperature of the fluid which flows out of the respective heat consumers is measured and the return of the fluid is controlled as a function of the measured final temperature. With respect to the brewery installation, this object is achieved according to the present invention in that, downstream of a heat consumer, at least one temperature sensor is provided for measuring the final temperature of the fluid which flows out of the heat consumer, wherein the temperature sensor is coupled to the flow controller unit in such a manner that the fluid flow can be controlled as a function of the measured final temperature.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : FRACTIONATION OF ADHATODA VASICA LEAVES•

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :V. Ramalingaswami Bhawan Ansari
(33) Name of priority country	:NA	Nagar New Delhi-110029 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.S.Ignacimuthu
(87) International Publication No	: NA	2)N.Shanmugam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to a novel chromatography based process for isolation of fractions from Adhatoda vasica leaves that exhibit anti-mycobacterial activity; two of the said fractions comprising compounds, Vasicine acetate and 2-Acetyl benzylamine.

No. of Pages : 31 No. of Claims : 12

(54) Title of the invention : MOUNTING DEVICE WITH AT LEAST ONE CAPTIVE MOUNTING SCREW

(51) International classification :B25B
 (31) Priority Document No :20 2009
 007 939.2
 (32) Priority Date :06/06/2009
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 32339 ESPELKAMP, Germany
 (72)Name of Inventor :
1)BERNARD SCHLEGEL
2)SEBASTIAN GRIEPENSTROH

(57) Abstract :

In a mounting device with at least one mounting aperture that is situated in a flange and penetrated by a mounting screw, it is proposed to provide the flange with at least one slot on the edge of the mounting aperture. Furthermore, the diameter of the mounting aperture is smaller than the outside diameter of the screw thread of the mounting screw. Consequently, the elastic material properties of the flange are utilized in a particularly advantageous fashion because a certain force needs to be exerted in order to screw the mounting screw into the mounting aperture or out of the mounting aperture. This ensures that the mounting screw also cannot readily detach from the mounting aperture during long-lasting vibrations, i.e., it is captively held in the mounting aperture. This is particularly important if the mounting device comprises a grounding element that forms part of a connector and features the aforementioned flange, wherein said grounding element is designed for being snapped into an insulating member and for being transported to the assembly into a connector housing together with this insulating member. Fig. 1

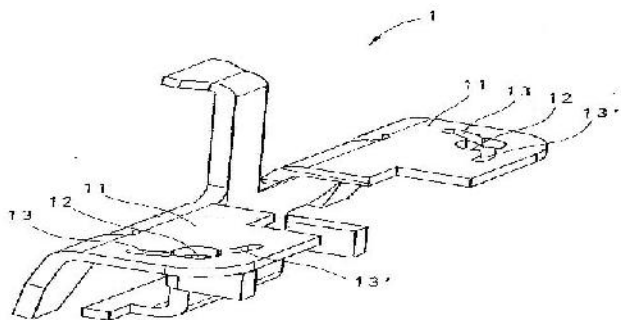


Fig. 1

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1672/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SHOW OFF

(51) International classification

:G09F

(31) Priority Document No

:AU-

2009100689

(32) Priority Date

:17/07/2009

(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

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MARTIN MICALLEF

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AUSTRALIA

(72)Name of Inventor :

1)MARTIN MICALLEF

(57) Abstract :

FIG.1 shows the advertising device 1 with its cylindrical base 4 supporting three LCD screens 3 in a triangular design 2, enabling the display of advertisements, advertising content and programmes on all or each of the screens 3 both simultaneously or individually as required utilizing wireless, battery powered, power operated, USB, internet, SD card, cable and programmed delivery technologies to display advertisements, advertising content and other programmes. FIG.2 shows a front view of two LCD screens of the three LCD screen triangular design of the advertising device. FIG.3 shows a front view of one LCD screen of the three LCD screen triangular design of the advertising device

No. of Pages : 18 No. of Claims : 8

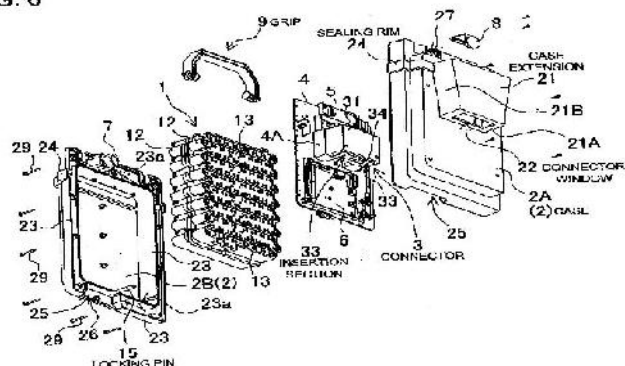
(54) Title of the invention : REMOVABLE ELECTRIC VEHICLE BATTERY PACK AND ELECTRIC VEHICLE EQUIPPED WITH THAT BATTERY PACK

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:2009-177684	1)SANYO ELECTRIC CO., LTD.
(32) Priority Date	:30/07/2009	Address of Applicant :5-5, KEIHAN-HONDORI 2-CHOME,
(33) Name of priority country	:Japan	MORIGUCHI CITY, OSAKA 570-8677, JAPAN
(86) International Application No	:NA	2)SUZUKI MOTOR CORPORATION
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HARUHIKO YONEDA
(61) Patent of Addition to Application Number	:NA	2)KOUICHI FUKUKAWA
Filing Date	:NA	3)SHINGO YONEYAMA
(62) Divisional to Application Number	:NA	4)OSAMU HAKAMATA
Filing Date	:NA	5)KAZUHIRO IIDA
		6)AKINORI HOMMA

(57) Abstract :

The battery pack has a connector 3 attached to a case 2. The connector 3 is attached to the case 2 in an orientation that establishes an insertion section 33 on the underside of the case 2. This enables the connector 3 to connect via the weight of the battery pack to the connecting terminals 52 mounted in the electric vehicle 50. The case 2 is provided with a case extension 21 that protrudes from the surface of the case 2 and holds the connector 3 inside. The bottom surface of the case extension 21 is disposed above the bottom surface of the case 2 and has a connector window 22 opened to expose the connector 3 insertion section 33 outside the case 2. The battery pack case extension 21 is inserted into the loading cavity 51 to connect the connector 3 to the connecting terminals 52.

FIG. 6



No. of Pages : 58 No. of Claims : 16

(54) Title of the invention : 7-(4-SUBSTITUTED 3- CYCLOPROPYLAMINOMETHYL-1 PYRROLIDINYL) QUINOLONECARBOXYLIC ACID DERIVATIVE

(51) International classification :C07D
 (31) Priority Document No :2003-318897
 (32) Priority Date :10/09/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/013049
 Filing Date :08/09/2004
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :1310/DelNP/2006
 Filed on :09/03/2006

(71)Name of Applicant :

1)Kyorin Pharmaceutical Co. Ltd.

Address of Applicant :5 Kanda Surugadai 2-chome Chiyoda-ku Tokyo 101-8311 JAPAN.

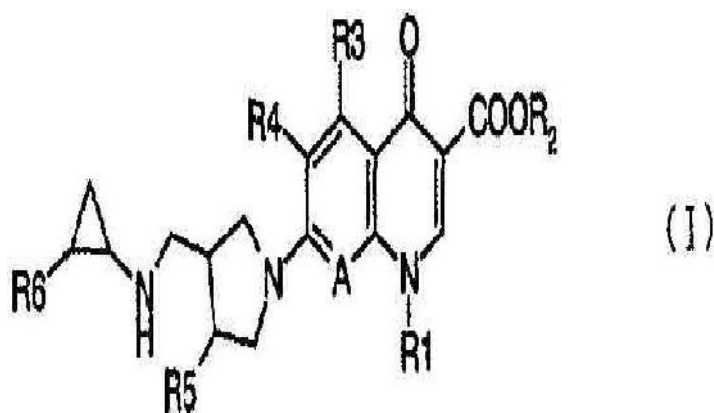
(72)Name of Inventor :

1)ASAHINA Yoshikazu

2)TAKEI Masaya

(57) Abstract :

A quinolonecarboxylic acid derivative represented by the following general formula (I): (wherein R1 is an alkyl group that has 1 to 6 carbon atoms and may or may not be substituted with 1 or 2 or more halogen atoms, a cycloalkyl group that has 3 to 6 carbon atoms and may or may not be substituted with 1 or 2 or more halogen atoms, or an aryl or heteroaryl group that may or may not be substituted with 1 or 2 or more substituents that are each independently a halogen atom or an amino group; R2 is a hydrogen atom, an alkyl group having 1 to 3 carbon atoms, a pharmaceutically acceptable cation, or a functional group acceptable as a prodrug; R3 is a hydrogen atom, a halogen atom, a hydroxyl group, an amino group or an alkyl group having 1 to 3 carbon atoms; R4 is a hydrogen atom or a halogen atom; R5 is a fluorine atom; R6 is a hydrogen atom or a fluorine atom; and A is a nitrogen atom or =C-X (where X is a hydrogen atom, halogen atom, or alkyl or alkoxyl group that has 1 to 3 carbon atoms and may or may not be substituted with 1 or 2 or more amino groups, cyano groups or halogen atoms.)),and salts and hydrates thereof.



No. of Pages : 121 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1697/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PROCESS FOR ENHANCING ANTIOXIDANT POTENTIAL OF AN OIL COMPOSITION FROM OILSEED BY-PRODUCTS

(51) International classification	:A23K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)NASIRULLAH
(61) Patent of Addition to Application Number	:NA	2)RANGASWAMY BABY LATHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Oilseeds, oilseed cakes and bran namely sesame, nigerseed, sunflower, linseed, mustard and groundnut cakes and rice-bran were taken and their corresponding oils have been taken out using food grade petroleum ether (b.P. 40-60 °C) employing soxhlet extraction apparatus. These residual oils after total removal of solvent under vacuum have been fractionated over a enrichment column packed with silica gel (100-200 μ mesh), using various combination of hydrocarbon and alkyl ether where each oil have yielded a neutral triglyceride oil fraction and a nutraceutical/antioxidant rich oil fraction. The nutraceutical/antioxidant rich oil fractions were homogenized in an equimolar ratio and converted to a stable oil composition. This composition showed a higher degree of antioxidant activity (antiradical activity) due to synergistic effect caused by the antioxidant factors present in agglomerated form. The composition thus obtained was used to prepare soft dough along with other ingredients like bengal gram flour/wheat flour, spices, salt and water. The resultant dough can be used for preparation of various fried/baked snack food products.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1699/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : HALL SIDE OPERATION DEVICE FOR ELEVATORS

(51) International classification	:B66B
(31) Priority Document No	:2009-185905
(32) Priority Date	:10/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HITACHI, LTD.
Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8280 Japan

(72)**Name of Inventor :**
1)CHINONE MASAOKI
2)TAKAHASHI YASUNORI
3)MATSUSHIMA NOBUAKI
4)IWASE SHIGEKI

(57) Abstract :

A track pad type hall side operation device is installed at an elevator hall, and the operation signal therefrom is transmitted to a CPU provided in an elevator control board. Thereby, a finger operated input on the track pad is analyzed with regard to such as movement direction, movement amount and time used for the movement through an internal processing of the CPU and further subjected to collation processing with operation pattern data defined in advance to perform controls such as an up call, down call and door reopen. Accordingly, functional and visual discrimination of such as an up call button, a down call button and wheelchair user buttons is unnecessary, operations at the hall side can be performed with a single device, and integration of the operation devices and an instinctive operation thereof are enabled.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A SPRAY FORMULATION FOR DETECTING LATENT FINGERPRINTS ON MOIST, NON-POROUS SURFACES AND A METHOD FOR PREPARATION OF THE SAME

(51) International classification	:C09K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GURVINDER SINGH SODHI
(32) Priority Date	:NA	Address of Applicant :FORENSIC SCIENCE UNIT, S.G.T.B.
(33) Name of priority country	:NA	KHALSA COLLEGE, UNIVERSITY OF DELHI, DELHI-
(86) International Application No	:NA	110007 India
Filing Date	:NA	2)JASJEET KAUR
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GURVINDER SINGH SODHI
Filing Date	:NA	2)JASJEET KAUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a fingerprint developing spray composition for detecting fingerprints on moist, non-porous items wherein the composition comprises of an insoluble and inorganic salt, a non-toxic stain/fluorescent dye and a liquid detergent. The ingredients of the composition are non-toxic. The composition disclosed in the invention is useful for detecting fingerprints on wide varieties of non-porous items after these have been immersed in water for up to 36 hours. The present invention further provides a method for the preparation of the fingerprint developing spray composition and a method for detecting the fingerprints on wet non-porous items.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4553/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : HEAT REFLECTING GLASS AND PROCESS FOR PRODUCING HEAT REFLECTING GLASS

(51) International classification :C03C
(31) Priority Document No :2007-336133
(32) Priority Date :27/12/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/073013
Filing Date :17/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASAHI GLASS COMPANY LIMITED
Address of Applicant :5-1, marunouchi 1-chome Chiyoda-ku
Tokyo 100-8405 Japan
(72)Name of Inventor :
1)YAOITA Kazuya
2)KATAYAMA Yoshihito

(57) Abstract :

To provide a heat reflecting glass provided with at least a chromium nitride film, which has a visible light transmittance T_v of at most 35% and a solar transmittance T_e /visible light transmittance T_v ratio of less than 1.0 and which undergoes substantially no change in the optical properties even when subjected to heat treatment for strengthening or bending. An oxygen-blocking undercoat film made of silicon nitride is formed on the surface of a glass substrate; a chromium nitride film for heat reflection is formed as an upper layer of the oxygen-blocking undercoat film; and further, an oxygen-blocking protective film made of silicon nitride is formed as an upper layer of the chromium nitride film. The ratio in the number of atoms of nitrogen to chromium in the chromium nitride for heat reflection is from 20% to 60%.

No. of Pages : 27 No. of Claims : 11

(54) Title of the invention : PC WITH BUILT IN DEVICE FOR TOTAL POWER SOLUTION

(51) International classification	:G05F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEX TECHNOLOGIES INDIA LTD.
(32) Priority Date	:NA	Address of Applicant :D-18/2 OKHLA INDUSTRIAL AREA-
(33) Name of priority country	:NA	II, NEW DELHI-110020 INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. DEBU DASGUPTA
(87) International Publication No	:NA	2)MR.O.P.SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a device in an electronic apparatus to maintain uninterrupted power supply during AC-mains failure, comprising a switch mode power supply (SMPS) charger block providing a DC output with constant charging current for low-high voltage mains operation, the SMPS being incorporated in the apparatus; a controller block to control data flow between the electronic circuits; a DC-DC converter block that generates a 250v DC during the back-up mode; and a 12v battery enabled to receive power from mains AC supply through the converter block and provide power to the converter block during AC-mains failure.

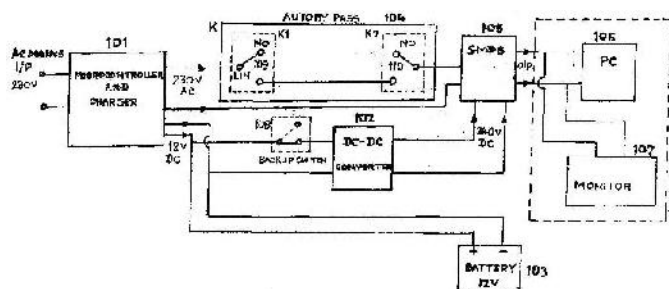


Fig.1

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1767/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PASSENGER CONVEYOR

(51) International classification	:B66B
(31) Priority Document No	:2009-227562
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HITACHI, LTD
Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8280 JAPAN.
(72)**Name of Inventor :**
1)GUNCHI TAKAAKI
2)UTSUNOMIYA HIROBUMI

(57) Abstract :

A passenger conveyor comprises a frame body disposed in a building structure and provided with landing platforms formed on the same plane as the floor surface of the building structure at both end portions in the longitudinal direction, a plurality of steps which are endlessly coupled by the step chain and move in a circulating manner within the frame body, and guide rails that are disposed within the frame body and guide the steps, wherein an oil guide plate that directs lubrication oil, which drops from the step chain onto the guide rail and then drops from the guide rail, to the outside of the return-route-side steps is provided at a lower part of the fixed portion where the forward-route-side guide rail is fixed to the frame body.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4551/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : REDUCING FURNACE AND APPARATUS FOR MANUFACTURING MOLTEN IRON COMPRISING THE SAME•

(51) International classification :C21B
(31) Priority Document No :10-2007-0136402
(32) Priority Date :24/12/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/007510
Filing Date :18/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :1 Goedong-dong Nam-ku Pohang-shi
Kyungsangbuk-do 790-300 Republic of Korea

(72)Name of Inventor :

1)KWON Ki-Woong

2)JUNG Suk-Kwang

3)CHOI Young-Gil

4)KIM Do-Seueng

5)CHAE Sung-Hee

(57) Abstract :

The present invention relates to a reduction furnace including a charging device that is capable of preventing segregation and an apparatus for manufacturing molten iron including the same. The reduction furnace for reducing an iron-containing material used for manufacturing molten iron may include a charging hole where the iron-containing material is charged, a first guide plate sloped toward a first direction in the reduction furnace to guide the iron-containing material to the inside of the reduction furnace, and a second guide plate fixed and sloped toward a second direction intersecting the first direction in the reduction furnace to guide the iron-containing material dropped and guided by the first guide plate. A dropping direction of the iron-containing material dropped and guided by the first guide plate is changed when the iron-containing material is guided by the second guide plate.

No. of Pages : 29 No. of Claims : 26

(54) Title of the invention : METHOD FOR DETERMINING THE ANGULAR POSITION OF CRANKSHAFT OF INTERNAL COMBUSTION ENGINE

(51) International classification :F02P
 (31) Priority Document No :10 2007 063 104.0
 (32) Priority Date :28/12/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/067881
 Filing Date :18/12/2008
 (87) International Publication No :WO 2009/083474
 (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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, STUTTGART
 70442, Germany

(72)Name of Inventor :

1)GRABS, MANFRED

2)RAGHAVENDRA, PRASHANTH

(57) Abstract :

The present subject matter relates to a method for determining an angular position of a crankshaft (32) of an internal combustion engine. The crankshaft (32) is connected to an engine speed transmitter (110) in a rotationally fixed manner. The engine speed transmitter (110) comprises a plurality of similar markings (110a) and at least one distinguishable marking (110b) that is distinguishable from the similar markings (110a). The method comprises generating a signal by an engine speed sensor (111) associated with the engine speed transmitter (110) for each of the plurality of similar markings (110a) passing the engine speed sensor (111), during the rotation of the crankshaft (32). According to the present subject matter, the method further comprises generating an associated interrupt signal only for signals generated for a predefined number of similar markings (110a) preceding and/or following the distinguishable marking (110b).

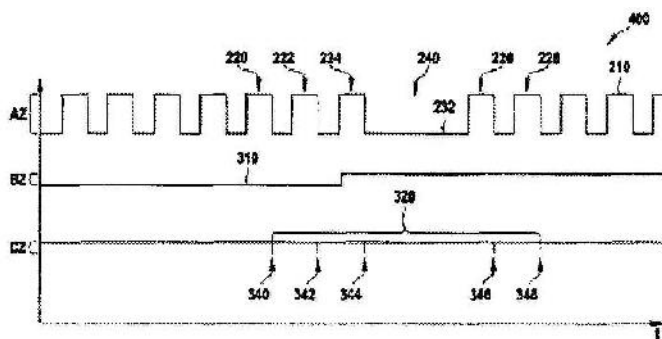


Fig. 4b

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :21/07/2008

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PIPE COUPLING AND SEALING SYSTEM

(51) International classification

:F16L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAMEER GUPTA

Address of Applicant :37, HARGOVIND ENCLAVE, VIKAS
MARG, NEW DELHI-110092, INDIA.

(72)Name of Inventor :

1)SMEER GUPTA

(57) Abstract :

Disclosed is a pipe coupling and sealing system, comprises a coupler having a coupler first end and a coupler second end, the coupler first end having at least a cavity for receiving a sealing material, at least a coupler ring groove for housing a sealing ring, and at least a coupler sealing groove for retaining the sealing material; and at least a pipe having a pipe first end and a pipe second end, the pipe first end having at least a pipe sealing groove for retaining the sealing material, and at least a ring groove for retaining a sealing ring, wherein the coupler first end, the coupler second end, the pipe first end, and the pipe second end having a plurality of threads for coupling the pipe and the coupler.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PAGING FOR MOBILE STATIONS WITH MULTIPLE SUBSCRIPTIONS

(51) International classification	:H04L
(31) Priority Document No	:61/150,256
(32) Priority Date	:05/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE (USA) Inc.

Address of Applicant :33 wood Avenue South Suite 705
Iselin New Jersey 08830 USA

(72)Name of Inventor :

1)FANG Yonggang

(57) Abstract :

Apparatuses, techniques, and systems for operating a mobile station with multiple subscriptions includes transmitting a paging message for a subscriber identity of two or more subscriber identities that are associated with a single mobile station over a wireless communication channel based on a paging cycle structure including multiple paging slots. The two or more subscriber identities can include a first subscriber identity and a second, different subscriber identity. Transmitting the paging message can include using, during a paging cycle based on the paging cycle structure, a single paging slot to transmit the paging message, where the single paging slot is associated with the two or more subscriber identities.

No. of Pages : 44 No. of Claims : 48

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS

(51) International classification :A01N 25/02
 (31) Priority Document No :0716592.1
 (32) Priority Date :24/08/2007
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2008/002730
 Filing Date :13/08/2008
 (87) International Publication No :WO 2009/027624
 (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)SYNGENTA LIMITED
 Address of Applicant :EUROPEAN REGIONAL CENTRE,
 PRIESTLEY ROAD, SURREY RESEARCH PARK,
 GUILDFORD, SURREY GU2 7YH UNITED KINGDOM.
 (72)**Name of Inventor :**
1)BELL GORDON ALASTAIR
2)HARRIS CLAIR LOUISE
3)TOVEY IAN DAVID

(57) Abstract :

A composition comprising a compound of formula (I) $\text{CH}_3\text{CH}(\text{OH})\text{C}(=\text{O})\text{NR}_1\text{R}_2$ where R_1 and R_2 are each independently hydrogen; or C1-6 alkyl, C2-6 alkenyl or C3-6 cycloalkyl, each of which is optionally substituted by up to three substituents independently selected from phenyl, hydroxy, C1-5 alkoxy, morpholinyl and NR_3R_4 where R_3 and R_4 are each independently C1-3 alkyl; or phenyl optionally substituted by up to three substituents independently selected from C1-3 alkyl; or R_1 and R_2 together with the nitrogen atom to which they are attached form a morpholinyl, pyrrolidinyl, piperidinyl or azepanyl ring, each of which is optionally substituted by up to three substituents independently selected from C1-3 alkyl; and at least one biologically active compound, which comprises at least one aromatic five and/or six membered ring wherein the ring contains at least one nitrogen as a ring member, with the provisos (i) that the composition does not contain cyproconazole when the compound of formula (1) is selected from the group consisting of N-butoxypropyl lactamide; 1-(hydroxyethyl) piperidinyl lactamide; N-methyl-N-propyl lactamide; N-(1-ethylpropyl) lactamide; N,N-dimethyl lactamide; N-1,4-dimethylpentyl lactamide; N-(2-hydroxyethyl)-N-benzyl lactamide; N-Morpholinyl lactamide; N-methyl-N-butyl lactamide; N-Isobutyl lactamide; N-Allyl lactamide; N-Ethyl lactamide; N-Ethyl-N-(2-hydroxyethyl) lactamide; and N-isopropyl lactamide; and (ii) that the biologically active compound is not nicotinic acid when the compound of formula (1) is diethyl-lactamide. Such compositions may be, or may be comprised by, emulsion concentrates, particularly so in the case that the compound of formula (I) is dimethyl lactamide and the biologically active compound is the fungicide 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid(9-isopropyl-1,2,3,4-tetrahydro-1,4-methano-naphthalen-5-yl)-amide

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1748/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : ANTENNA PATTERN FRAME, METHOD AND MOLD FOR MANUFACTURING THE SAME, ELECTRONIC DEVICE CASE HAVING ANTENNA PATTERN FRAME EMBEDDED THEREIN, AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H01Q	(71)Name of Applicant :
	:KR 10-	1)SUMSUNG ELECTRO-MECHANICS CO., LTD.
(31) Priority Document No	2009-	Address of Applicant :314 MAETAN 3-DONG,
	0073353	YEONGTONG-GU, SUWON, GYUNGGI-DO, REPUBLIC OF
(32) Priority Date	:10/08/2009	KOREA
(33) Name of priority country	:Republic	(72)Name of Inventor :
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(86) International Application No	:NA	2)SUNG, JAE SUK
Filing Date	:NA	3)SEO, NAM IL
(87) International Publication No	:NA	4)LEE, DAE KYU
(61) Patent of Addition to Application Number	:NA	5)AN, CHAN GWANG
Filing Date	:NA	6)HAN, CHANG MOK
(62) Divisional to Application Number	:NA	7)KIM, TAE SUNG
Filing Date	:NA	8)LEE, KYONG KEUN
		9)CHANG, KI WON
		10)CHO, SUG EUN

(57) Abstract :

An antenna pattern frame includes an antenna radiator receiving an external signal and transmitting the received external signal to an electronic device, a radiator frame having the antenna radiator on a surface thereof, and a guide boss protruding from the radiator frame and preventing the radiator frame from moving vertically in a mold for manufacturing an electronic device case having an inner space having a shape corresponding to that of an electronic device case.

No. of Pages : 38 No. of Claims : 25

(54) Title of the invention : SAMPLING SYSTEM

(51) International classification :G01N 1/18
 (31) Priority Document No :60/963,016
 (32) Priority Date :02/08/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US08/008834
 Filing Date :18/07/2008
 (87) International Publication No :WO 2009/017612
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 MASSACHUSETTS 01821, U.S.A.

(72)Name of Inventor :
1)GEORGE ADAMS
2)JOHN DANA HUBBARD
3)AARON BURKE
4)ANTHONY DILEO

(57) Abstract :

The present invention uses a wireless memory/communication device at least on the one or more sample storage devices, preferably on both the one or more sample storage devices and the sampling holder, optionally the port on the equipment as well. Data such as that relating to the vessel, the location of the port on the vessel, the device, its manufacture date or lot number, the date of the installation, sterilization and/or taking of a sample along with the person who installed the device and/or took the sample can be read and preferably added to the wireless device when a read/write type of device as these events occur through a scanner/reader/writer device (fixed or hand held). The sample storage device in the laboratory can also then be read and recorded to track the sample storage devices life.

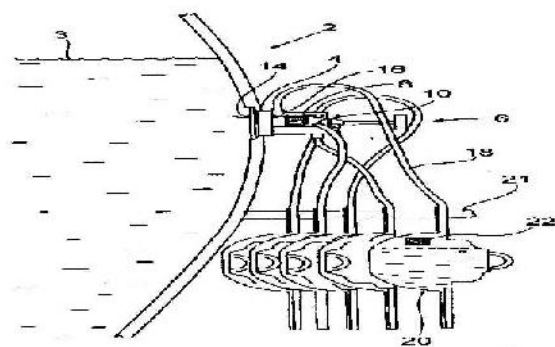


Figure 1

No. of Pages : 18 No. of Claims : 16

(54) Title of the invention : BODY FLUID EXPANDERS COMPRISING N-SUBSTITUTED AMINOSULFONIC ACID BUFFERS

(51) International classification :A01N
 (31) Priority Document No :0712833.3
 (32) Priority Date :03/07/2007
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2008/002268
 Filing Date :03/07/2008
 (87) International Publication No :WO 2009/004331
 (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)AQIX LTD

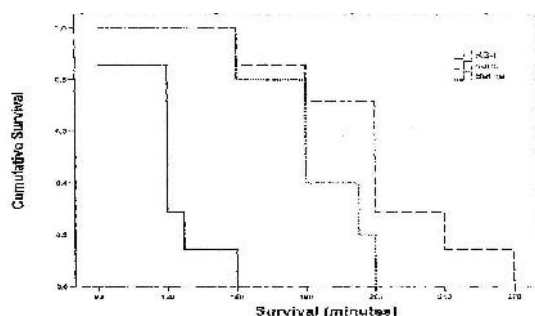
Address of Applicant :IMPERIAL COLLEGE, BESSEMER BUILDING, EXHIBITION ROAD, LONDON SW7 2BP, GREAT BRITAIN U.K.

(72)Name of Inventor :

1)DOUGLAS REES

(57) Abstract :

A buffered body fluid expander solution, in which the buffer is a physiologically acceptable buffer that is not an inorganic phosphate buffer, comprises calcium ions and magnesium ions at a concentration ratio of 5:1 to 1:1. The non-phosphate buffer may be a physiologically acceptable N-substituted aminosulfonic acid buffers, especially those having a pKa value in aqueous solution of from 7.1 to 7.5 at 20°C, and most preferably N-tris(hydroxymethyl) methyl-2-aminoethanesulfonic acid (TES), 3-(N-morpholino) propanesulfonic acid (MOPS), N,N-bis (2-hydroxyethyl)-2-aminoethanesulfonic acid (BES) and combinations thereof. Preferred components include from 100 to 150 (preferably about 135) mmoles/L sodium ions, from 2.5 to 6.2 (preferably about 5) mmoles/L potassium ions, from 0.1 to 2.5 (preferably about 1.25) mmoles/L calcium ions, from 0.4 to 25.0 (preferably about 0.45) mmoles/L magnesium ions, from 96 to 126 (preferably about 118) mmoles/L chloride ions, 2 to 11 mmoles/L (preferably about 10) glucose (preferably D-glucose), from 50 to 150 (preferably about 110) µmoles/L glycerol, from 7 to 15 (preferably about 10) µmoles/L choline, from 5 to 400 (preferably about 300) µmoles/L glutamate (preferably L-glutamate), from 5 to 200 (preferably about 20) µmoles/L aspartate (preferably L-aspartate), from 100 to 2000 (preferably about 400) µmoles/L glutamine (preferably L-glutamine), from 15 to 215 (preferably about 60) µmoles/L pyroglutamate, from 20 to 200 (preferably about 100) (mmoles/L arginine (preferably L-arginine), from 1 to 120 (preferably about 40) nmoles/L thiamine pyrophosphate (TPP), from 40 to 70 (preferably about 50) µmoles/L D- or DL or L-carnitine (preferably L-carnitine), and from 5 to 200 (preferably about 28) mU/L porcine or human insulin (preferably human insulin). The solutions are useful for the manufacture of medicaments and blood volume expanders, for treating hypovolemia or for treating the loss of extracellular and interstitial fluid in subjects suffering with burns, for treating respiratory and/or metabolic acidosis in a subject, for perfusion of the abdominal cavity during peritoneal dialysis of a subject with acute renal failure or an acute toxicity condition, for preventing and/or ameliorating reperfusion injury, and for delivering a therapeutic, test and/or synergistic agent to a subject, including a biological agent, such as at least one stem cell, peptide or genomic derived protein.



No. of Pages : 84 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1478/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TAMPER EVIDENT KIT PACKAGING SYSTEM FOR INJECTABLE PRODUCTS

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

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(72)Name of Inventor :

1)SANTOSH JOSHI

2)SANTANU CHOWDHURY

(57) Abstract :

A tamper evident kit packaging system for injectable products wherein the kit package is formed of a top panel, a bottom panel, a spine panel, a front closing panel and two side closing panels to form a box type kit pack, wherein the said box type kit pack comprises of one or more independent compartments on the inner side of the bottom panel and one or more D thumb cut pockets on the inner side of the top panel. The box type kit pack is made tamper evident by providing series of perforations on front closing panel and on independent compartments for tear opening and/or by placing a tamper evident holographic sticker at the final closing position. The independent compartments on the inner side of the bottom panel comprises of one or more of product pack, sterile water for injection and one or more of other relevant delivery devices like appropriate needle and syringe. The D thumb cut pockets on the inner surface of the top panel comprises of one or more of product information leaflet and one or more alcohol swabs.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.215/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/02/2010

(43) Publication Date : 18/10/2013

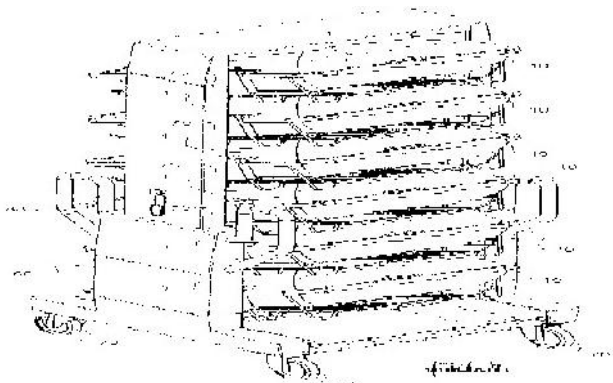
(54) Title of the invention : DEVICE FOR SUPPORTING A PLURALITY OF FLEXIBLE CONTAINERS FOR LIQUID

(51) International classification	:A47B
(31) Priority Document No	:0950694
(32) Priority Date	:04/02/2009
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)RENE REINBIGLER
2)JEAN-LOUIS WEISSENBACH

(57) Abstract :

A device for supporting a plurality of flexible containers (1) for liquid; characterized in that it comprises a plurality of baskets (10), each adapted to contain at least one said flexible container (1), a magazine (60) to receive said baskets (10), able to adopt an operating configuration in which said baskets (10) are disposed inclined one above the other, which magazine (60) comprises support means (75) for said baskets (10), able to adopt a loading/unloading position in which they are adapted such that each said basket (10) can be loaded/unloaded along a horizontal path, and able to adopt an operating position in which they are adapted to maintain each said basket (10) in inclined position to make said magazine (60) adopt said operating configuration, and means (83) for driving said support means (75) between said loading/unloading position and said operating position. Fig. 1



No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2532/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/04/2010

(43) Publication Date : 18/10/2013

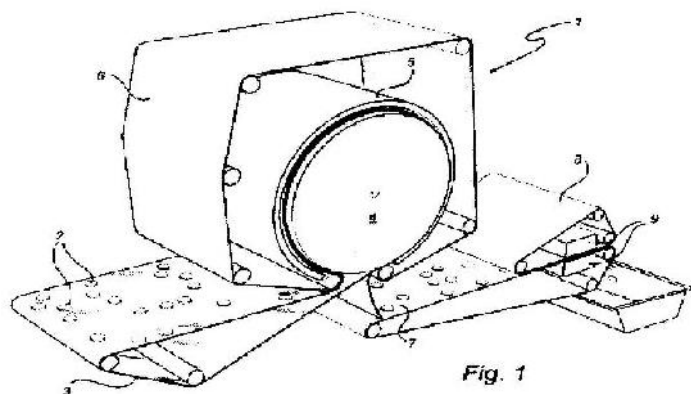
(54) Title of the invention : METHOD AND APPARATUS FOR MAKING FOOD CHIPS

(51) International classification :A23L
(31) Priority Document No :0702037-3
(32) Priority Date :13/09/2007
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2008/062063
Filing Date :11/09/2008
(87) International Publication No :WO 2009/034132
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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LUND SWEDEN
(72)Name of Inventor :
1)FREDLUND, ANDERS

(57) Abstract :

An apparatus (1) for making chips (2), comprises a source (4) of heat, and a conveyer belt (6) arranged such that, when in use, chips (2) are held between the belt (6) and the heat source (4) at least a part of the path of the belt (6), and wherein the belt (6) is steam permeable. Also, a method for making chips (2) comprising feeding sliced mono layered food between a steam permeable conveyer belt (6) and a heat source (4) and guiding steam from the food through the steam permeable belt (6).



No. of Pages : 11 No. of Claims : 9

(54) Title of the invention : FLEXURALLY ELASTIC DRIVE BELT, PARTICULARLY A MULTI-RIB BELT, HAVING A TEXTILE OVERLAY ON THE WORKING SIDE THEREOF THAT IS SUSCEPTIBLE TO WEAR

(51) International classification :F16G 1/10
 (31) Priority Document No :10 2007 042 917.9
 (32) Priority Date :08/09/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/057261
 Filing Date :11/06/2008
 (87) International Publication No :WO 2009/030529
 (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)HENNING KANZOW

2)MARKO SCHLEICHER

3)REINHARD TEVES

4)CLAUE-LUDER MAHNKEN

(57) Abstract :

The invention relates to a flexurally elastic drive belt (1), particularly a multi-rib belt, having a cover layer (2), mostly of a reinforcement layer (3), formed of individual cords (4), a sub-base (5) particularly comprising ribs (6) and grooves (7), and a textile overlay on the working side (8) thereof that is susceptible to wear. The novel textile overlay (10, section B) of the drive belt (1) or multi-rib belt according to the invention is characterized in that, for the purpose of combining durable protection from wear and noise insulation, particularly for wet noises, said overlay - has an elongation at rupture of at least 30% in the longitudinal direction and of at least 100% in the transverse direction in the state before packing and vulcanizing, and - is made of a textile material comprising staple fibers at a proportion of at least 30 wt.-%

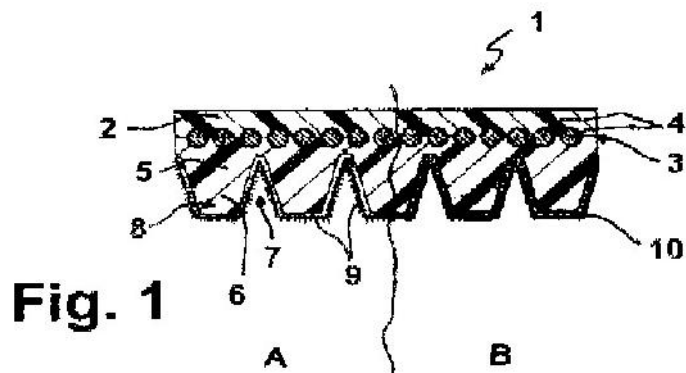


Fig. 1

No. of Pages : 17 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : LAMP CAP AND SOCKET ARRANGEMENT

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:12/427,357	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/04/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WRSCHING ISTVAN
(87) International Publication No	:NA	2)FULOP JOZSEF
(61) Patent of Addition to Application Number	:NA	3)PAPP FERENC
Filing Date	:NA	4)TALOSI KAROLY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a cap and socket arrangement for compact fluorescent lamps. The lamp comprises a discharge tube arrangement (2) made of glass and having sealed ends (8, 9) being positioned at one end of the lamp. A continuous arc path is formed inside the discharge tube between two electrodes disposed at one end of the lamp. At least one of the sealed ends is also provided with an amalgam fill (4). The sealed ends of the discharge tube arrangement are received in the cap (5), and the cap comprises contact members (51) and a protruding fitting member (52) for being received in the socket (6). The socket has a hollow member for receiving the fitting member (52) of the cap, and contact elements (62) for receiving the contact members of the cap. The fitting member (52) and the socket (6) are provided with matching positioning elements (57, 7) for determining the position of the cap (5) with respect to the socket (6) and thereby determining the spatial position of the electrode with respect to the amalgam. The fitting member (52) of the cap of the lamp may comprise an asymmetric groove (57) and the socket (6) may be provided with an asymmetric key element (7) to be associated with the asymmetric groove of the cap.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1772/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A METHOD FOR TREATING OLIVES TO BE UTILIZED FOR OLIVE OIL PRODUCTION

(51) International classification	:A23D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OLIVE X-TEND LTD.
(32) Priority Date	:NA	Address of Applicant :44A HASHIKMIM STREET, HOD
(33) Name of priority country	:NA	HASHARON 45201, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GERSHONY, YARIV
(87) International Publication No	:NA	2)PADAN, NIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods are provided for treating freshly harvested olives to substantially retain the quality of oil contained therewithin for enabling production of high quality olive oil from said treated olives at a prolonged time after harvest and treated freshly harvested olives with retained oil qualities characterized in that the oil extracted therefrom after a prolonged storage time meets the standards of the IOC for Virgin Olive Oils.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MODIFIED POLYMER COMPOSITIONS, MODIFICATION PROCESS AND FREE RADICAL GENERATING AGENTS

(51) International classification	:C08K 5/14
(31) Priority Document No	:07112305.3
(32) Priority Date	:12/07/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/005640
Filing Date	:10/07/2008
(87) International Publication No	:WO 2009/007117
(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)SMEDBERG, ANNIKA
2)GUSTAFSSON, BILL
3)NILSSON, DANIEL

(57) Abstract :

The invention relates to a method for modifying a polymer composition, to modified polymer compositions, to an article, preferably wire or cable, comprising said modified polymer composition, to a process for preparing an article, preferably a wire or cable, to the use of said modified polymer in one or more layers of a wire or cable, as well as to a compound for use as a radical generating agent for modifying a polymer composition.

No. of Pages : 78 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2436/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : INELASTIC EXERCISE DEVICE HAVING A LIMITED RANGE

(51) International classification	:A63B
(31) Priority Document No	:60/973,126
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/076548
Filing Date	:16/09/2008
(87) International Publication No	: NA
(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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(57) Abstract :

An exercise device having many advantageous features is described, including the ability to provide a combination of grips to the user, and the ability to easily mount the device to a wall. The exercise device includes a mechanism that permits a limited range of longitudinally motion for an elongated member having grips. The mechanism permits a user to balance while exercising, and provides support resulting from excessive motion of the exercise device.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2437/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : STOPPER STRUCTURE OF MULTIFUNCTION VIBRATION ACTUATOR

(51) International classification	:B06B
(31) Priority Document No	:2007-237471
(32) Priority Date	:13/09/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/066038
Filing Date	:05/09/2008
(87) International Publication No	: NA
(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)UEDA Minoru
2)TSUSHIMA Naoki
3)KUMAGAI Takayuki

(57) Abstract :

[Problems to be Solved] When impact such as dropping is received, impact resistance which prevents collision between a voice coil and a magnetic circuit unit and plastic deformation of a suspension is included. In addition, the weight of the magnetic circuit unit is increased so as to improve a vibration amount at the time of generation of bodily sensation vibration. [Solving Means] By using an end surface of a housing as a stopper, contact between the magnetic circuit unit and the voice coil attached to a diaphragm is prevented, a dimension in a thickness direction of the magnetic circuit unit is increased so as to increase the weight thereof such that the vibration amount at the time of generation of bodily sensation vibration is increased.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : DERIVATIVES OF NYSTATIN AND THEIR USE AS ANTIFUNGAL AGENTS

(51) International classification :C07H 17/08

(31) Priority Document No :0712881.2

(32) Priority Date :03/07/2007

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2008/002238

Filing Date :30/06/2008

(87) International Publication No :WO 2009/004322

(61) Patent of Addition 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)BRAUTASET, TRYGVE

4)ELLINGSEN, TRON, ERLING

5)OLSUFYEVA, EVGENIA, NIKOLAEVNA ;

6)PREOBRAZHENS KAYA, MARIA, NIKOLAEVNA

7)SLETTA, HAVARD

(57) Abstract :

The present invention provides a compound of formula (I) which is a nystatin derivative having an additional double bond present between C28 and C29 and which is further modified relative to nystatin at one or more of positions C5, C7, C9, C10, C11, C16 or at the amino group of mycosamine. These compounds are used as anti- fungal agents.

No. of Pages : 127 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1788/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : AIRBAG APPARATUS•

(51) International classification

:B60R

(31) Priority Document No

:2009-

178303

(32) Priority Date

:30/07/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Naohiko ISHIGURO

(57) Abstract :

An airbag 30 of an airbag apparatus M has a nearly square pyramid shapes as the inflation-completed shape thereof and is equipped with a bottom wall section 32 and a peripheral wall section 41 extending from the outer peripheral edge of the bottom wall section 32 to the apex section 42 of the airbag 30 so as to become narrower!!!!.

No. of Pages : 57 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.228/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TURBINE CLEANING SYSTEM•

(51) International classification

:B08B

(31) Priority Document No

:61/164,582

(32) Priority Date

:30/03/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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HARTFORD, CT 06108, U.S.A.

(72)Name of Inventor :

1)Henrik Amcoff

2)Sebastian Nordlund

(57) Abstract :

A spray cleaning device for cleaning an auxiliary power unit (APU) within an aircraft comprises one or more spray nozzles, a water tube for supplying water to the nozzles, and positioning means. A system for cleaning APUs comprises a spray cleaning device and a supply system for providing pressurized and temperature controlled washing fluid to the cleaning device. A method for cleaning APUs comprises providing a spray cleaning device, attaching the cleaning device to an air inlet structure of an aircraft, and supplying washing fluid to the cleaning device at a desired spray pressure, spray temperature, and spray droplet size.

No. of Pages : 27 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1679/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : 'A PORTABLE LIGHTING DEVICE'

(51) International classification

:F21V

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(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)BAONI RAMENDRA S.

2)BAONI DIPENDRA

(57) Abstract :

The present invention may provide a solar powered portable lighting device configured to be separable mechanically and optically into two or more parts and a method for operating the lighting device. The lighting device may be equipped with at least a power management unit for at least one of controlled charging and discharging of the lighting device, a lighting unit for illumination that may be powered by the power management unit and an optical assembly for adjusting at least one of optical parameters of the illumination.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.229/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRECISION STRIP HEATING ELEMENT

(51) International classification

:H05B

(31) Priority Document No

:61/202,206

(32) Priority Date

:05/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MRL INDUSTRIES, INC.

Address of Applicant :19500 NUGGET BLVD. SONORA,
CALIFORNIA 95370 U.S.A.

(72)Name of Inventor :

1)PECK, KEVIN B.

(57) Abstract :

A heating element includes a continuous planar strip and a plurality of mounting members. A path of the continuous strip from a first end to a second end is circuitous and includes a plurality of repeating cycles, each of which includes a plurality of first straight segments, a plurality of second straight segments and a plurality of radiused segments. A length of the first straight segment is greater than a length of the second straight segment and an angular sum of a single cycle of the circuitous path is greater than 360 degrees. The heating element can be incorporated into a heating assembly for, as an example, semiconductor processing equipment.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING RESOURCE BLOCKS IN A WIRELESS COMMUNICATION NETWORK

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MOTOROLA MOBILITY LLC

Address of Applicant :600 NORTH US HIGHWAY 45,
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(72)Name of Inventor :

1)IVAN N. VUKOVIC

2)RAJEEV AGRAWAL

3)SURESH KALYANASUNDARAM

4)RAPEEPAT RATASUK

5)TIMOTHY J. WILSON

(57) Abstract :

A method and apparatus to allocate resource blocks includes determining the number of available resource blocks on an uplink channel and determining the maximum number of contiguous unallocated number of resource blocks on the uplink channel. In addition, the method includes calculating a resource block load of the uplink channel for at least one user equipment on the uplink channel wherein the resource block load is the sum of minimum of the resource block in a queue for the user equipment and the maximum number of contiguous unallocated number of resource blocks for the user equipment on the uplink channel. The method also includes allocating the minimum of the resource block in the queue for the user equipment and the maximum number of contiguous unallocated number of resource blocks when the resource block load is greater than or equal to the number of available resource blocks.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1502/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MICROBICIDAL COMPOSITION

(51) International classification	:A01N
(31) Priority Document No	:61/269,980
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA 19106-2399, U.S.A.

(72)Name of Inventor :

1)BEVERLY JEAN EL A'MMA

2)RANDALL WAYNE STEPHENS

(57) Abstract :

A solid microbicidal composition containing a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one, magnesium sulfate, a metal nitrate, magnesium chloride, and water.

No. of Pages : 14 No. of Claims : 9

(54) Title of the invention : CABRIOLET VEHICLE

(51) International classification :B60J
 (31) Priority Document No :10 2009
 035 030.6
 (32) Priority Date :28/07/2009
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
 Address of Applicant :PORSCHEPLATZ 1, 70435
 STUTTGART, Germany
 (72)Name of Inventor :
1)BERND KASPEROWSKI
2)WOLFGANG RAMIN
3)GRANT LARSON
4)STEFAN EICHHOLZ

(57) Abstract :

The invention relates to a cabriolet vehicle, having a body structure and having a roof structure which can be attached to the body structure (14), with the roof structure having a top, with a top material of the top having a main section, which forms the actual roof of the roof structure in the closed state of the top, and having lateral rear elongation sections. According to the invention, the top material can, via the elongation sections, be threaded into openings (15) of the body structure (14) and, having been threaded into the openings (15), can be attached to the body structure, specifically to tensioning brackets (19), which are assigned to the body structure, of a tensioning device.

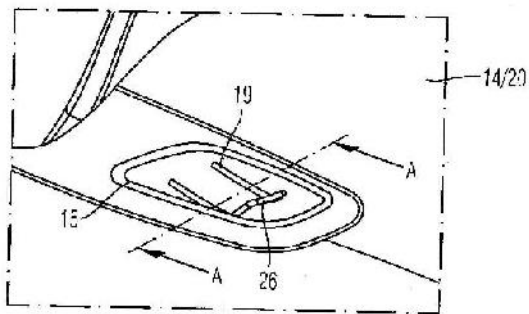


Fig. 4

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CONNECTOR AND METHOD FOR MANUFACTURING THE SAME

(51) International classification

:H01R

(31) Priority Document No

:2009-
171286

(32) Priority Date

:22/07/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS, LTD.,

Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHI-CITY, MIE, Japan

(72)Name of Inventor :

1)MOTOKI KUBOTA

2)NOBUYOSHI TANAKA

(57) Abstract :

A connector includes a housing 10 of synthetic resin; terminal metal fittings 30 having a slender tab 31 passing the housing 10; and a sealing member 40 which surrounds the entire outer periphery of the terminal metal fittings 30. The tab 31 is connected to a female terminal 50 connected to an electric wire 52. The sealing member 40 is molded by a three-color molding technique of charging and solidifying the rubber material in a fluid state, and has elastic restoring force and adhesive force for a synthetic resin material and a metallic material.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4101/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMPOSITE PRODUCTS AND METHODS OF MAKING SAME•

(51) International classification	:B29C
(31) Priority Document No	:2007906519
(32) Priority Date	:29/11/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/001770
Filing Date	:28/11/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BLUESCOPE STEEL LIMITED
Address of Applicant :Level 11 120 Collins Street
Melbourne Victoria 3000 Australia
(72)**Name of Inventor :**
1)WALLACE Neil Edwin

(57) Abstract :

A method of forming a polymeric component on a body is disclosed which includes the steps of casting a fluid polymeric material onto the body whilst providing support for the body. The method has particular application to casting components on metal pipes and the like.

No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.845/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CONTROL APPARATUS FOR A SYSTEM OF MONITORING AND CONTROLLING A PLANT

(51) International classification	:G05B
(31) Priority Document No	:2009-094262
(32) Priority Date	:08/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HITACHI, LTD.
Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO, Japan
(72)**Name of Inventor :**
1)TAKAHIRO YAMADA
2)YOSHIO MARUYAMA
3)TOHRU AKATSU

(57) Abstract :

A control apparatus for a plant system has data input/output units for inputting measured data obtained from a plant and a control command for the plant, a data transmission unit for transmission of data between a control unit and a plant monitor unit which are coupled to each other through a network, and a stimulated data mass setting and cancelling unit for performing mass setting of data handled by the data input/output unit and/or data handled by the data transmission unit to simulated data managed in the form of a list table by means of a maintenance tool and performing mass cancelling of the stimulated data set in the list table.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1646/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : BENZOTHIOPHENE CARBOXAMIDE COMOUNDS, COMPOSITION AND APPICATIONS THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF IMMUNOLOGY
(32) Priority Date	:NA	Address of Applicant :ARUNA ASAF ALI MARG, NEW
(33) Name of priority country	:NA	DELHI-110 067, INDIA
(86) International Application No	:NA	2)INDIAN INSTITUTE OF SCIENCE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SUROLIA, AVADESHA
(61) Patent of Addition to Application Number	:NA	2)PATHAK, CHANDRAMANI
Filing Date	:NA	3)KAPOOR, NEHA
(62) Divisional to Application Number	:NA	4)RAINA, VESHIESH
Filing Date	:NA	5)GUPTA, SARIKA

(57) Abstract :

The present invention provides benzothiophene carboxamide compounds of formula I, their polymorphs, stereoisomers, prodrugs, solvates, pharmaceutically acceptable salts and formulations thereof, which are useful as COX-2 inhibitors and PfENR inhibitors. The invention further relates to pharmaceutical compositions containing such compounds and methods for their application as COX-2 inhibitors for treating inflammation and pain and PfENR inhibitors for use as anti-malarials.

No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1647/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CARBON NANOCOMPOSITE PREPARATION AND USES THEREOF

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :DEAN, RESEARCH &
(33) Name of priority country	:NA	DEVELOPMENT, FACULTY BUILDING-255, INDIAN
(86) International Application No	:NA	INSTITUTE OF TECHNOLOGY KANPUR,KANPUR-208016,
Filing Date	:NA	UTTAR PRADESH, INDIA
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SARKAR, SABYASACHI
Filing Date	:NA	2)GHOSHAL, SHRABONI
(62) Divisional to Application Number	:NA	3)SONKAR, SUMIT KUMAR
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process for preparation of carbon nanocomposite comprising treating carbon powder containing carbon nanotubes with an oxidizing agent to obtain carboxylated carbon nanotubes; mixing the carboxylated carbon nanotubes with an aqueous solution of ferric salt and aluminum salt, followed by addition of ammonia to obtain a mixture; drying the mixture to obtain a dried residue; and dissolving the dried residue along with equal amount of untreated carbon powder in a solvent containing polycarbonate, followed by heating and coagulating to obtain the carbon nanocomposite to be used as nano composite for water filter. The process further comprises fabricating the carbon nanocomposite to produce a porous surface which is also used as water filter.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :10/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A SILOXANE-BASED POLYAMIDE

(51) International classification :C08G
(31) Priority Document No :08/904,709
(32) Priority Date :22/08/1997
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :01/01/1900
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2234/DEL/2005
Filed on :19/08/2005

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 PARK AVENUE, NEW YORK,
NY 10022, U.S.A.

2)DOW CORNING CORPORATION

(72)Name of Inventor :

1)MORTON L. BARR

2)HENG CAI

3)ANTHONY ESPOSITO

4)JOEL FREUNDLICH

5)DOUGLAS W. KING

6)MICHAEL MENDOLIA

7)BALCHANDRA MOGHE

8)LENIN JAMES PETROFF

9)THOMAS SCHAMPER

10)MICHAEL WARD SKINNER

11)PAUL JOSEPH VINCENTI

12)CHING-MIN KIMMY WU

13)KENNETH EDWARD ZIMMERMAN

14)DENNIS J. COLWELL

(57) Abstract :

An invention is disclosed which comprises siloxane-based polyamides as gelling agents for cosmetic products, formulations thereof and cosmetic formulations therewith. These polyamides contain siloxane groups in the main chain and act to thicken compositions containing volatile and/or non-volatile silicone fluids. Cosmetic compositions may be made by adding at least one active ingredient such as an antiperspirant

No. of Pages : 56 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2439/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING GAMING ACTIVITIES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2007904938	1)SRG ENTERPRIZES PTY LIMITED
(32) Priority Date	:10/09/2007	Address of Applicant :1601/1 Kings Cross Road Rushcutters
(33) Name of priority country	:Australia	Bay New South Wales 2011 Australia
(86) International Application No	:PCT/AU2008/001348	(72)Name of Inventor :
Filing Date	:10/09/2008	1)AMOUR Marc
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein are various systems and methods for providing gaming activities, these particularly relating to gaming activities implemented in conjunction with a flexible credit arrangement. In overview, a consumer is allocated one or more entries in a gaming activity based on a level of transactable flexible credit held by the consumer. For example, the allocation of entries is increased or decreased subject to a corresponding increase or decrease in transactable flexible credit held by the consumer. In some embodiments, one or more prizes for the gaming activity are funded in whole, or in part, by way of supplementary contributions realized on the basis of consumers participation in a flexible credit infrastructure.

No. of Pages : 110 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2440/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING LONG TERM CHARACTERISTICS OF BATTERY

(51) International classification :G01R
(31) Priority Document No :10-2007-0093251
(32) Priority Date :13/09/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/005403
Filing Date :12/09/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LG CHEM LTD.
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Seoul 150-721 REPUBLIC OF KOREA
(72)Name of Inventor :
1)SONG Hyun-Kon
2)CHO Jeong-Ju
3)CHOO Yeon-Uk
4)SON Mi-Young
5)LEE Ho-Chun

(57) Abstract :

A system includes a learning data input unit for receiving initial and long term characteristic learning data of a battery to be a learning object; a measurement data input unit for receiving initial characteristic measurement data of a battery to be an object for long term characteristic estimation; an artificial neural network operation unit for converting the learning data into first and second data structures, allowing an artificial neural network to learn the learning data based on each data structure, converting the measurement data into first and second data structures, and individually applying the learned artificial neural network corresponding to each data structure to calculate and output long term characteristic estimation data based on each data structure; and a long term characteristic evaluation unit for calculating an error of the estimation data of each data structure and determining reliability of the estimation data depending on error.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTROCHEMICAL BATTERY INCORPORATING INTERNAL MANIFOLDS

(51) International classification :H01M 6/24

(31) Priority Document No :11/893,929

(32) Priority Date :17/08/2007

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

(86) International Application No :PCT/US2007/079444

Filing Date :25/09/2007

(87) International Publication No :WO 2009/025672

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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EXCHANGE BEIJING, B-118, JIAN GUO ROAD,
CHAOYANG DISTRICT, BEIJING, P.R. CHINA 100022
Cayman Island

(72)Name of Inventor :

1)MATTHEW A.M. HARPER

(57) Abstract: An electrochemical battery (300) includes a plurality of cells (320), each cell including negative and positive compartments to contain electrolyte solution. A manifold includes an outer manifold plate (312) coupled to an inner manifold plate (314) to supply and return electrolyte solution to the compartments. Each manifold plate includes supply shunt passages (410, 606) to convey electrolyte solution to the cells and return shunt passages (412, 608) to receive electrolyte solution from the cells.

No. of Pages : 60 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5501/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TIMBER STRUCTURAL MEMBER•

(51) International classification	:E04C
(31) Priority Document No	:2008900435
(32) Priority Date	:01/02/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/000082
Filing Date	:28/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LOGGO IP PTY LTD (in its capacity as Trustee for Thornton IP Trust)

Address of Applicant :33 Bridge Avenue Oak Flats New South Wales 2529 Australia

(72)Name of Inventor :

1)Patrick THORNTON

2)Peter BLAIR

(57) Abstract :

A timber joist comprising first and second flanges connected together by a web, the web being structurally integral with the flanges. Both flanges comprise timber poles.

No. of Pages : 22 No. of Claims : 13

(54) Title of the invention : PRESSURE SENSITIVE TOUCH-SURFACE CONTROL DEVICE

(51) International classification :H03K 17/96
 (31) Priority Document No :0705594
 (32) Priority Date :31/07/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2008/059510
 Filing Date :21/07/2008
 (87) International Publication No :WO 2009/016058
 (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)DAV

Address of Applicant :2, RUE ANDRE BOULLE, F-94000 CRETEIL, FRANCE, France

(72)Name of Inventor :

1)PATRICE LAURENT,**2)XAVIER DROUIN,**

(57) Abstract :

The invention relates to a touch-surface control device (1) including a sensor (3) having a surface (3) that is sensitive to a variation of the touch pressure and a holder (5) bearing said sensor (3), characterised in that the sensor (3) is floatingly mounted on the holder (5) and in that the holder (5) includes a positioning means (17) interacting with an inactive area (11) of the sensor (3) for positioning the sensor (3) on the holder (5).

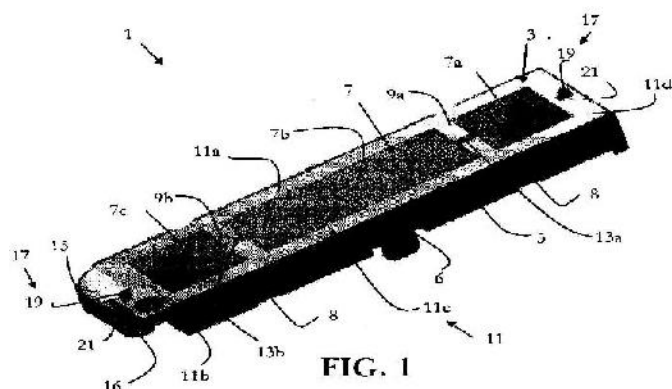


FIG. 1

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRESSURIZED CARBON DIOXIDE BATHING SYSTEM

(51) International classification :A61H 33/02
(31) Priority Document No :2007-179368
(32) Priority Date :09/07/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/052177
Filing Date :08/02/2008
(87) International Publication No :WO 2009/008186
(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)NAKAMURA SHOICHI
Address of Applicant :1468, HIGASHIJO,
CHIKUHOKUMURA, HIGASHIHIKUMA-GUN, NAGANO
3997502 JAPAN.
2)ACP JAPAN CO., LTD.
(72)Name of Inventor :
1)NAKAMURA SHOICHI

(57) Abstract :

Provided is a pressurized carbon dioxide bathing apparatus for causing even a small amount of carbon dioxide to be efficiently absorbed from skin of a living body with the structure of a cover suit simplified, and the pressurized carbon dioxide bathing apparatus is to bring carbon dioxide with a concentration of a predetermined value or more into contact with skin of the human body and thereby promote the blood circulation, and is characterized by being comprised of a carbon dioxide supply means 1 for supplying a mixed gas of carbon dioxide and water vapor, a compressed air supply means 2, a first cover suit 3A which is connected to the carbon dioxide supply means 1 via a connector 6, is filled with the mixed gas supplied from the carbon dioxide supply means 1, and forms an enclosed layer 4 to bring the mixed gas into direct contact with skin of the human body, and a second cover suit 3B which is connected to the compressed air supply means 2 via a connector 7 and forms an enclosed layer 5 filled with compressed air supplied from the compressed air supply means 2 outside the first cover suit 3A, where the carbon dioxide is brought into contact with skin of the human body with a predetermined pressure value or more by the compressed air.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1790/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SELECTIVE HYDROGENATION OF DIENES IN THE MANUFACTURE OF MLAB

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:12/563,580	1)UOP LLC
(32) Priority Date	:21/09/2009	Address of Applicant :25 EAST ALGONQUIN ROAD, P.O.
(33) Name of priority country	:U.S.A.	BOX 5017, DES PLAINES, ILLINOIS 60017-5017, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RILEY, MARK GARNER
(87) International Publication No	:NA	2)GLOVER, BRYAN KENT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process and catalyst are presented for the selective hydrogenation of branched diolefins and acetylenes to olefins. The process uses a catalyst having large pores, and a minimal amount of micropores. The catalyst is designed to have minimal diffusional resistance through the large pores, and to minimize the dehydrogenation of olefins to paraffins.

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2604/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A NEW PROCESS FOR PREPARATION OF IMIPENEM

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0088857	1)CHOONGWAE PHARM. CO.
(32) Priority Date	:09/12/2003	Address of Applicant :698 Sindaebang-Dong Dongjak-Gu
(33) Name of priority country	:Republic of Korea	Seoul 156-757 Republic of Korea.
(86) International Application No	:PCT/KR2004/003224	(72)Name of Inventor :
Filing Date	:09/12/2004	1)BAE Hyun Seop
(87) International Publication No	: NA	2)HWANG Tae Seop
(61) Patent of Addition to Application	:NA	3)AHN Chan Yong
Number	:NA	4)OH Chang Hoon
Filing Date	:NA	5)KIM Moo Sung
(62) Divisional to Application Number	:123/DelNP/2006	
Filed on	:06/01/2006	

(57) Abstract :

Disclosed herein is a compound of Formula II below: OH wherein R1 is a p-nitrobenzyl or p-methoxybenzyl, group; and R2 and R3 may be identical to or different from each other and are each independently a C1-6 alkyl or aryl group, or a derivative thereof, and a process for preparing the compound of Formula II. Further disclosed is a process for preparing imipenem of Formula I below: by using the compound of Formula II.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/03/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TARGETING CELL FREE DNA IN SERUM FOR DETECTION OF HUMAN CENCER USING POLYMERASE CHAIN REACTION (PCR) METHOD

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RESOURCE LIFE SCIENCES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :D-237, DEFENCE COLONY, NEW
(33) Name of priority country	:NA	DELHI-110024. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SARKAR, SHUBHASHISH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is about a method for largeling Cell free DNA in serum for detection of human cancer using polymerase chain reaction. The said method comprises the steps of obtaining the blood sample of the patient and isolaing the cell free DNA from serum; performing PCR on the isolated cell free DNA to which PCRMIX containing primers P1,P2 and P3 and other reagents are added, analyzing the product corresponding to primers where product from primers P1 and P3 in addition to the product from primer P1 and P2 indicates high probability of cancer

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :13/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A DISTRIBUTOR OF HYDRAULIC LIFT ASSEMBLY FOR AGRICUTLRUAL TRACTOR HITCH CONTROL

(51) International classification	:A01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORT LIMITED
(32) Priority Date	:NA	Address of Applicant :KNOWLEDGE MANAGEMENT
(33) Name of priority country	:NA	CENTER, 15/5, MATHURA ROAD, FARIDABAD-121 003
(86) International Application No	:NA	Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RAMESH RANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a distributor of hydraulic lift assembly for agricultural tractor hitch control comprising of removal portion carrying the pressure control elements, which is modified to provide thread for adopting detachable and modular relief valve.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1702/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTILAYER FILM FOR PACKAGING

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)E.I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:NA	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:NA	WILMINGTON, DELAWARE 19898, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOVINDANARAYANA, PORURI
(87) International Publication No	:NA	2)NAIR, HARIHARAN KRISHNAN
(61) Patent of Addition to Application Number	:NA	3)MANDHANE, MAYUR DHANRAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multilayer structures useful for packaging wheat flour or other food or non-food products are provided. The multilayer structures have sufficient strength, durability, tear resistance and impact resistance to be used in packages with significantly reduced breakage and waste of the packaged goods. In addition, multilayer structures are provided that can easily seal to it or to other structures to provide the packages for the products. The multilayer structures are suitable for Form, Fill and Seal (FFS) packaging lines.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1766/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SUPERCONDUCTING MAGNETIZER

(51) International classification	:H01F
(31) Priority Document No	:12/539,663
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)SIVASUBRAMANIAM KIRUBA
2)JANSEN PATRICK LEE
3)STAUTNER ERNST WOLFGANG

(57) Abstract :

A magnetizer (304) for magnetizing permanent magnets (308) positioned in-situ a mechanical member (302) is disclosed. The magnetizer comprises at least one primary superconducting coil (324) configured to project a magnetic field flux configuration of a first type to at least a portion of a distal volume of a first type, and at least two auxiliary coils (326, 328) symmetrically disposed about the at least one primary superconducting coil and configured to project magnetic field flux configurations of a second type to at least a portion of a distal volume of a second type. A method (700) of magnetizing a permanent magnet in-situ within a mechanical member is also disclosed.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :13/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE FOR ONLINE MONITORING OF TEMPERATURE OF HIGH VOLTAGE POWER CONDUCTORS WITH FIBRE OPTIC SENSORS

(51) International classification

:G01K

(31) Priority Document No

:20091450

(32) Priority Date

:15/04/2009

(33) Name of priority country

:Norway

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, INDIA

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-1100 001, INDIA.

(72)Name of Inventor :

1)BIERKAN LEIF

2)GANGOPADHYAY TARUN KUMAR

3)DASGUPTA KAMAL

4)BANDYOPADHYAY SOMNATH

5)BISWAS PALAS

6)BHADRA SHYAMAL KUMAR

7)MAITI HIMADRI SEKHAR

(57) Abstract :

The present invention relates to a device for monitoring on-line temperature of high voltage cables (up to 400KV) in air stretches, comprising of at least one optical fibre attached to the cable, and said optical fibre comprising of at least one Bragg grating (FBG) with known reflection characteristics, a light source for transmitting light within a known range of wavelengths into said optical fibre, and measuring devices for detection of light reflected from said Bragg grating(s) in the fibre and for recognizing light reflected from each Bragg grating based on their known reflection characteristics and their unique correspondence with temperature of the Bragg grating. The Bragg grating is mounted in a probe, the probe being mounted in and thermally coupled to a housing being mounted on and thermally coupled to the cable, wherein the probe has a cylindrical shape and is mounted in the housing in an opening having essentially the same cross section as the probe but a length exceeding the length of the probe, so as to allow for mutual variations in the temperatures between the probe and housing without subjecting the Bragg grating to strain

No. of Pages : 38 No. of Claims : 21

(54) Title of the invention : METHOD FOR DETERMINING QUALITY CONTROL OF PRODUCT PROCESSED BY PROCESSING MACHINE

(51) International classification :G08C
 (31) Priority Document No :102009023963.4
 (32) Priority Date :05/06/2009
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
 Address of Applicant :POSTFACH 30 02 20,STUTTGART
 70442 Germany
 (72)Name of Inventor :
1)SCHMITT, DAVID
2)SCHNABEL, HOLGER
3)DOERES, HANS-JUERGEN
4)SEUBERT, MICHAEL
5)SCHULTZE, STEPHAN

(57) Abstract :

The present subject matter relates to a method for determining a quality control (Q) of a product (201) processed by a processing machine, particularly printing machine (100) comprising at least two processing units (111, 112, 113, 114). The method comprising detecting processing positions (251, 252, 253, 254) of the at least two processing units (111, 112, 113, 114) with respect to each other, and determining the quality control (Q) on the basis of the detected processing positions (251, 252, 253, 254).

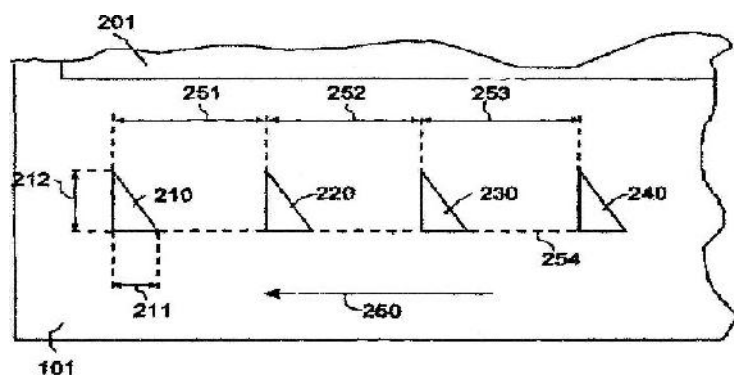


FIG. 2

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1489/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED HYDRAULIC SYSTEM OF A TRACTOR

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, KNOWLEDGE MANAGEMENT
(32) Priority Date	:NA	CENTER
(33) Name of priority country	:NA	Address of Applicant :15/5, MATHURA ROAD,
(86) International Application No	:NA	FARIDABAD-121 003 Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)NEERAJ VIJ
(61) Patent of Addition to Application Number	:NA	2)JAY GOVIND TRIVEDI
Filing Date	:NA	3)DUSHYANT SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved hydraulic system of tractor comprising of a plurality of holes in the external circuit adapter creating release path by changing the mode of selection lever.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1617/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : SIGNAL DETECTION SYSTEM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :DEAN, RESEARCH &
(33) Name of priority country	:NA	DEVELOPMENT, 255, FACULTY BUILDING, IIT KANPUR,
(86) International Application No	:NA	KANPUR, U.P.-208016,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DHANDE, SANJAY, G.
(61) Patent of Addition to Application Number	:NA	2)SHUKLA, BRIJ, M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter describes systems and methods for detecting a signal out of a number of signals transmitted by a number of transmitter nodes (102) within a network environment (100). A signal detection system (106) associated with a number of receiver nodes (104) includes a radio frequency module (108) to receive the number of signals. Further, a selection module (110) present within the signal detection system (106) communicates with the radio frequency module (108) to detect a signal from amongst the received signals. The selection module (110) compares a position and a velocity of the receiver nodes (104) relative to the transmitter nodes (102), and a lapse time with predetermined values. Based on the comparison, the selection module (110) detects a signal from amongst the received signals.

No. of Pages : 25 No. of Claims : 12

(54) Title of the invention : CRIMPING TERMINAL FITTING, METHOD OF FORMING IT AND WIRE WITH TERMINAL FITTING

(51) International classification

:H01R

(31) Priority Document No

:JP2009-
173396

(32) Priority Date

:24/07/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS, LTD.,

Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHI-CITY,MIE 510-8503, Japan

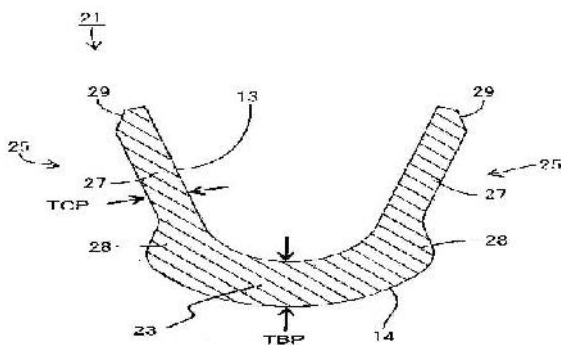
(72)Name of Inventor :

1)EIKO UKAI

(57) Abstract :

[Object] An object of the present invention is to provide a crimping terminal fitting which can be properly crimped and connected even to a thin wire by a wire barrel and can be made further lighter, and a wire with a terminal fitting. [Solution] A wire barrel 21 to be crimped and connected to core strands 31 of a wire 30 includes a base plate portion 23 continuously extending from a ground terminal 11 in a longitudinal direction, and a pair of core crimping pieces 25 extending from the opposite sides of the base plate portion 23. A thinned portion 27 thinner than the base plate portion 23 is formed at least at a leading end side of each core crimping piece 25.

FIG. 4



No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5215/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CONTROLLED ELECTRIC INDUCTION HEATING OF AN ELECTRICALLY CONDUCTIVE WORKPIECE IN A SOLENOIDAL COIL WITH FLUX COMPENSATORS•

(51) International classification	:H05B
(31) Priority Document No	:61/017,111
(32) Priority Date	:27/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088379
Filing Date	:26/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDUCTOHEAT INC.
Address of Applicant :32251 North Avis Drive Madison Heights MI 48071 U.S.A.
(72)**Name of Inventor :**
1)RUDNEV Valery I.
2)LOVELESS Don L.

(57) Abstract :

Apparatus and method are provided for inductively heating workpieces with varying characteristics in the same induction coil while selectively controlling the induced heat temperature distribution profile of each workpiece with one or more flux compensators inserted into the induction coil along with the workpiece to be inductively heated.

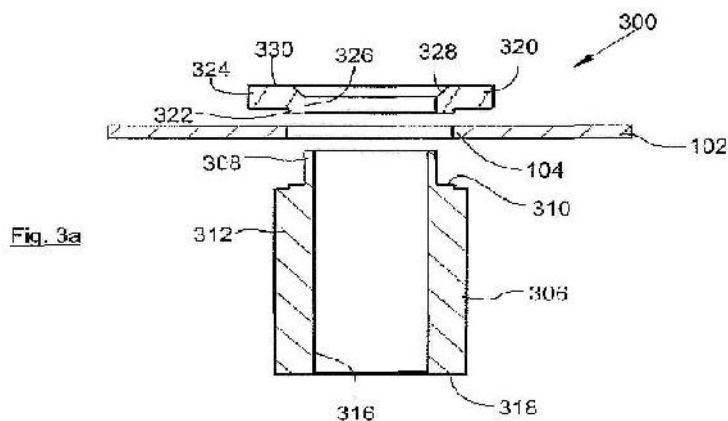
No. of Pages : 29 No. of Claims : 16

(54) Title of the invention : ELECTRICAL CONNECTION TERMINAL

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:07/07214	1)ELDRE
(32) Priority Date	:15/10/2007	Address of Applicant :2-4 rue du Dery ZA Les Fousseaux F-
(33) Name of priority country	:France	49480 SAINT SYLVAIN d TM ANJOU France
(86) International Application No	:PCT/EP2008/063805	(72)Name of Inventor :
Filing Date	:14/10/2008	1)HUBLIER Philippe
(87) International Publication No	: NA	2)HAMON Fabrice
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns an electrical connection assembly (300) comprising: a conductive plate (102) with a drillhole (104) in it, a first small column (320) with a hole (326) passing axially through it and comprising a shoulder (324) intended to come into abutment against one of the faces of the conductive plate (102), and a second small column (306) with a hole (316) passing axially through it and comprising a shoulder (312) intended to come into abutment against the other face of the conductive plate (102), a first cylinder (308) the radius of which is adapted to enable it to enter the hole (326) in the first small column (320) and the length of which is such that, when the shoulder (312) is in abutment, the free end of the first cylinder (308) projects beyond the conductive plate (102), and a second cylinder (310) the radius of which is adapted to enable it to enter the drillhole (104), and the connection assembly (300) being such that the free end of the first cylinder (308) is crimped by radial expansion and then by axial compression in the hole (326) in the first small column (320).



No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMBINATION GRIP FOR AN EXERCISE DEVICE

(51) International classification	:A63B
(31) Priority Document No	:60/973,118
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/076544
Filing Date	:16/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FITNESS ANYWHERE LLC.
Address of Applicant :755 SANSOME STREET, SAN FRANCISCO, CA 94111, U.S.A.
(72)**Name of Inventor :**
1)HETRICK Randal

(57) Abstract :

An exercise device having many advantageous features is described, including the ability to provide a combination of grips to the user, and the ability to easily mount the device to a wall. One exercise device described is an inelastic resistance device having a combination grip that includes hand grips and a loop. The hand grip and loop may be used as a foot grip, or alternatively, just the hand grip can be used by the hand. The selection of a specific accessory grip allows the user to exercise by specific body parts and provides for a greater number of possible exercises.

No. of Pages : 53 No. of Claims : 24

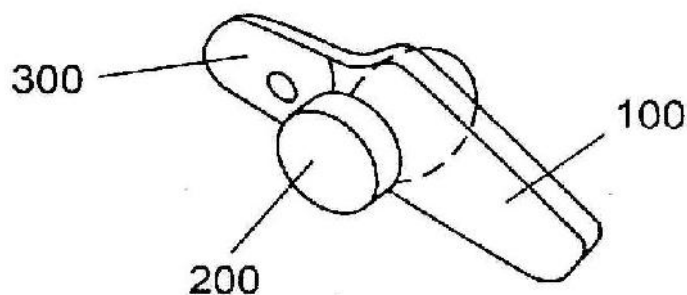
(54) Title of the invention : IN-EAR HEADPHONE AND HEADSET

(51) International classification :H04R 1/10
 (31) Priority Document No :20 2007 017 468.3
 (32) Priority Date :14/12/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP08/010629
 Filing Date :15/12/2008
 (87) International Publication No :WO 2009/077145
 (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) SENNHEISER ELECTRONIC GMBH & CO. KG
 Address of Applicant :AM LABOR 1, 30900 WEDEMARK,
 Germany
 (72) **Name of Inventor :**
1) YUEN SHEN WONG
2) CHEE KEONG TAN

(57) Abstract :

There is provided an in-ear earphone comprising a housing (100), a transducer housing (200) and a support unit (300). The transducer housing (200) serves to receive an electroacoustic transducer. The support unit (300) is connected to the housing (100) and is adapted to be anchored in a concha of a wearer. The support unit (300) is at least partially made from a soft flexible material. In that way it can be ensured that the in-ear earphone can be anchored in any concha of a wearer.

**Fig.1**

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1281/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : OLOPATADINE HYDROCHLORIDE NASAL SPRAY

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED.
(32) Priority Date	:NA	Address of Applicant :HEAD OFFICE AT 12TH FLOOR,
(33) Name of priority country	:NA	DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ANIL RANA
(61) Patent of Addition to Application Number	:NA	2)ANUPAM TREHAN
Filing Date	:NA	3)VINOD KUMAR ARORA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pharmaceutical composition of olopatadine suitable for nasal administration and processes for the preparation of the same.

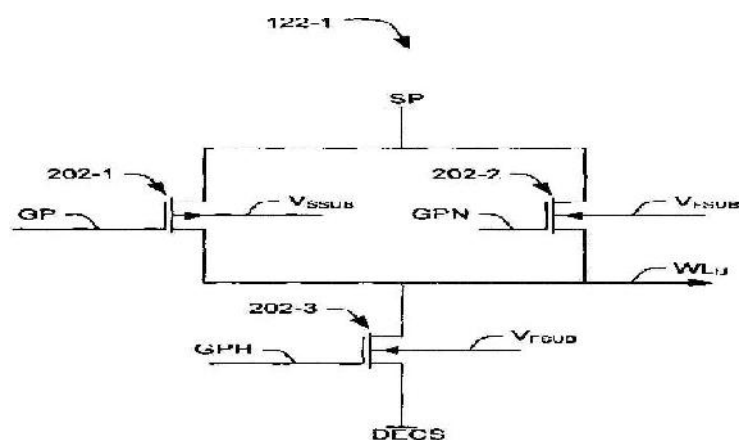
No. of Pages : 9 No. of Claims : 5

(54) Title of the invention : WORD-LINE DRIVER FOR MEMORY

(51) International classification	:G11C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STMICROELECTRONICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO.1, KNOWLEDGE PARK-
(33) Name of priority country	:NA	III, GREATER NOIDA 201308, UTTAR PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANA, VIKAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A word-line driver (122-1) included in a memory is described herein. The word-line driver (122-1) is configured to drive a word-line. The word-line driver includes a first transistor(202-1), a second transistor (202-2) and a third transistor (202-3). The first transistor (202-1) includes a gate terminal driven by a first group selection signal, a first conduction terminal driven by a second sub-group selection signal, and a second conduction terminal coupled to the word-line. The second transistor (202-2) includes a gate terminal driven by a second group selection signal, a second conduction terminal driven by the second sub-group selection signal, and a first conduction terminal driven coupled to the word-line. The third transistor (202-3) includes a gate terminal driven by a third the group selection signal, a first conduction terminal driven by a first sub-group selection signal, and a second conduction terminal coupled to the word-line.



No. of Pages : 29 No. of Claims : 12

(54) Title of the invention : CONTINUOUS KILN

(51) International classification :F27B
 (31) Priority Document No :RE2009A000075
 (32) Priority Date :24/07/2009
 (33) Name of priority country :Italy
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)SACMI COOPERATIVA MECCANICI IMOLA
 SOCIETA COOPERATIVA**

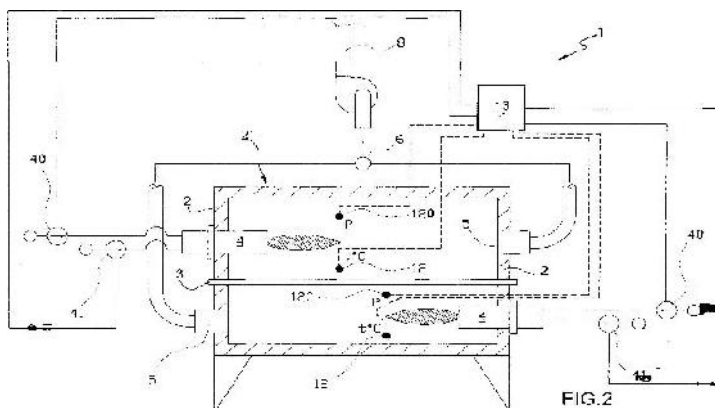
Address of Applicant :17/A, VIA SELICE PROVINCIALE,
 IMOLA Italy

(72)Name of Inventor :

1)FILIPPINI MESSRS ELIO**2)LIZZANO MAURIZIO****3)VACCARI FRANCESCO**

(57) Abstract :

A continuous kiln (1) for products, having a duct (2) with at least one lateral wall (2); conveying means (3) for feeding the products inside the duct (2); and a number of firing assemblies arranged successively along the duct (2) and having at least one burner (4; 400); respective exhaust means (5, 6, 8), for the exhaust gas of the burner (4; 400), arranged so that the exhaust gas flows crosswise to the travelling direction of the products along the duct (2); at least one respective pressure sensor (120) inside the duct (2); and respective combustion supporter supply means (40) connected to the pressure sensor (120) to adjust combustion supporter supply to the burner (4; 400) as a function of the pressure detected by the pressure sensor (120) .



No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2202/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/03/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOTOR CONTROLLER SYSTEM AND METHOD FOR MAXIMIZING ENERGY SAVINGS

(51) International classification :H02P
(31) Priority Document No :60/993,706
(32) Priority Date :14/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/010720
Filing Date :15/09/2008
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KELLEY, PAUL. H

(57) Abstract :

A motor controller (4) and method for maximizing the energy savings in an AC induction motor (3) at every load wherein the motor is calibrated at two or more load points to establish a control line (6), which is then programmed into a non-volatile memory (30) of the motor controller. A DSP-based closed-loop motor controller observes the motor parameters of the motor such as firing angle/duty cycles (23), voltage (37), current (9) and phase angles to arrive at a minimum voltage necessary to operate the motor at any load along the control line. The motor controller performs closed-loop control to keep the motor running at a computed target control point, such that maximum energy savings are realized by reducing voltage through pulse width modulation.

No. of Pages : 31 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1036/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : HAND TROLLEY FOR STAIRCASE

(51) International classification

:B62B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)YATHARTH SAXENA

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UTTARANCHAL CAMPUS SCHOOL, CLASS 5TH B

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(72)Name of Inventor :

1)YATHARTH SAXENA

(57) Abstract :

The present invention provides a device comprising at least one plurality of a substantially triangular set of wheels wherein the plurality of the substantially triangular set of wheels is connected by an axle.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1508/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMPROVED PROCESSES FOR HIGHLY PURE FEXOFENADINE HYDROCHLORIDE & ITS INTERMEDIATES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOREPEN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :VILLAGE & P.O.-MASULKHANA,
(33) Name of priority country	:NA	PARWANOO, DISTT.-SOLAN, HIMACHALPRADESH
(86) International Application No	:NA	173220, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SANJAY SURI
(61) Patent of Addition to Application Number	:NA	2)MADAN PAL TANWAR
Filing Date	:NA	3)NETAR SINGH
(62) Divisional to Application Number	:NA	4)VIKASH MULEY
Filing Date	:NA	5)SANJAY KUMAR MISHRA

(57) Abstract :

The present invention relates to a novel Fexofenadine amine salts intermediates of formula III. The present invention also describes the improved process for highly pure Fexofenadine hydrochloride & its intermediates of formula II & IV, as well as a single analytical method for HPLC analysis of Fexofenadine Hydrochloride for related substances as well as for isomeric purity.

No. of Pages : 21 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1632/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : CAPILLARY SIPHON DESERT COOLER

(51) International classification	:F28D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMIT KUMAR MANDAL
(32) Priority Date	:NA	Address of Applicant :10/397, MALVIYA NAGAR, JAIPUR
(33) Name of priority country	:NA	(RAJ)- 302017 Rajasthan India
(86) International Application No	:NA	2)DEEPAK BHUTNA
Filing Date	:NA	3)MANDEEP SINGH
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AMIT KUMAR MANDAL
Filing Date	:NA	2)DEEPAK BHUTNA
(62) Divisional to Application Number	:NA	3)MANDEEP SINGH
Filing Date	:NA	

(57) Abstract :

The invention i.e. CSDC, (Capillary siphon desert cooler) is helpful in eliminating water flow pump from the conventional desert cooler in which one electric pump is used for water circulation through the water pads and one fan is for passing the air through the water pads. In CSDC, wicks are used instead of water pads, one end of the wicks are been submerged in the water of the water trough and the other end is suspended to the bottom of the cooler passing through the wick part of the water trough. The wicks are reinforced by the help of bamboo stick to keep them vertically straight. These bamboo sticks are reinforced with clothes with one extended end of cloth. The water moves by the help of capillary siphon action through the wicks from the water trough to the bottom of the cooler. The fan of the CSDC just induces the air through the wet wicks and evaporative cooling of the air is thus achieved.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1695/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PHYTO-PHARMACEUTICAL PREPARATION USEFUL FOR THE TREATMENT OF FILARIA ESPECIALLY AS A MACROFILARICIDAL AGENT

(51) International classification	:A61K	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)RAKESH TULI
(86) International Application No	:NA	2)AJAY KUMAR SINGH RAWAT
Filing Date	:NA	3)SAYYADA KHATOON
(87) International Publication No	:NA	4)SHARAD SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	5)SUBHA RASTOGI
Filing Date	:NA	6)MADAN MOHAN PANDEY
(62) Divisional to Application Number	:NA	7)KIRITI SAXENA
Filing Date	:NA	8)VIKASH KUSHWAHA
		9)PUVVADA KALPANA MURTHY

(57) Abstract :

The present invention relates to the bioactive fraction obtained from plant Calotropis useful for the treatment of filariasis. More particularly, it relates to the development of a novel macrofilaricidal phyto-pharmaceutical preparation. The present invention also relates to a method of treating macrofilariasis in a subject. Further, it relates to the process for the preparation of bioactive standardized fraction from the plant Calotropis.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMPROVED PROCESS FOR EFFICIENT ENERGY RECOVERY FROM BIOMASS

(51) International classification :F23G
(31) Priority Document No :60/953,786
(32) Priority Date :03/08/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/070067
Filing Date :15/07/2008
(87) International Publication No :WO 2009/020740
(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)TATE & LYLE INGREDIENTS AMERICAS, INC.
Address of Applicant :2200 EAST ELDORADO STREET,
DECATUR, IL 62521, U.S.A.
(72)Name of Inventor :
1)RAYMOND C. GANGA
2)GREG IMIG
3)BLAKE MCBURNEY
4)ROBERT JANSEN
5)JOHN KERR
6)STEVEN J. REUST

(57) Abstract :

A method for extracting energy from biomass depleted of at least some carbohydrate, at least some oil, or both by a) introducing the biomass into a vertically elongated combustion chamber having i) at least one suspension burner at the top of the combustion chamber which is capable of projecting a flame down the axis of the combustion chamber, ii) a heat transfer apparatus having at least a portion of a heat collection surface located radially from the flame and below the burner, and iii) an exhaust opening located below the flame and below at least a portion of the heat collection surface; b) combusting the biomass to yield a mixture containing hot flue gas and molten ash above the exhaust opening; c) transferring heat from the hot flue gas to at least a portion of the heat collection surface substantially by radiation prior to any substantial contact of ash to a surface of the combustion chamber, to yield a mixture containing warm flue gas and non-molten ash and having a lower molten ash content than the mixture yielded by the combusting step; and d) cooling the warm flue gas with cold gas, to yield a mixture containing cool flue gas and non-molten ash and having a lower molten ash content than the mixture yielded by the transferring step.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.843/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : GENSET SYSTEM WITH ENERGY STORAGE FOR TRANSIENT RESPONSE

(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:12/427,783	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:22/04/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 USA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VYAS PARAG
(87) International Publication No	:NA	2)KOLWALKAR AMOL RAJARAM
(61) Patent of Addition to Application Number	:NA	3)HUBER JOHANNES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power generating system (90) having a variable speed genset (16) is provided. The variable speed genset includes an engine (14) and a variable speed generator (12). The variable speed generator (12) is mechanically coupled to the engine (14) and is configured to generate electrical power. The power generating system (90) further includes an energy storage device (20), which is charged or discharged during transient load conditions of a power grid (18). The power generating system (90) includes a controller (24) to generate a speed control signal to select a speed for the genset (16). The speed control signal is selected based upon stored energy in the energy storage device (20) and power generating system conditions, power grid conditions or combinations thereof.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : TERMINAL FITTING AND METHOD OF FORMING IT

(51) International classification	:H01R
(31) Priority Document No	:JP2009-106652
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SUMITOMO WIRING SYSTEMS LTD.
 Address of Applicant :1-14 NISHISUEHIRO-CHO,
 YOKKAICHI-CITY, MIE 510-8503, Japan

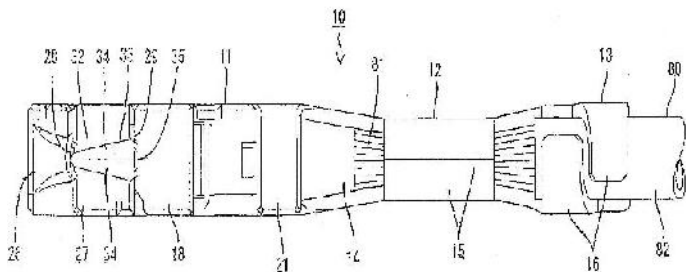
(72)Name of Inventor :
1)TOMOKI OKANO

(57) Abstract :

A terminal fitting 10 is inserted into a connector housing 60 from behind and includes a tubular connecting portion 11, with which a mating terminal 90 is connectable from front. A bent piece 27 including both front and rear edges 28, 29 is formed at a position of a peripheral wall of the connecting portion 11 behind the front end of the connecting portion 11. The bent piece 27 is formed with a locking projection 32 to be retained and locked in the connector housing 60 by being bent toward an outer side over the entire length in forward and backward directions. The front end surface of the locking projection 32 is a curved surface receding toward the back.

FIG-1

FIG. 1



No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1674/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL DEVICE•

(51) International classification :F02D 29/02
(31) Priority Document No :2010-005193
(32) Priority Date :13/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050084
Filing Date :06/01/2011
(87) International Publication No :WO/2011/086961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
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471-8571 Japan
(72)Name of Inventor :
1)Yoshifumi NAKAMURA
2)Masatomo YOSHIHARA
3)Akito UCHIDA
4)Koji OKAMURA
5)Satoshi MASUDA

(57) Abstract :

Disclosed is an internal combustion engine control device. The control device is provided with an engine output shaft, a constant-mesh starter, a fuel injection valve, and a reduction correction unit. When, after fulfillment of automatic stop conditions, engine operation is restarted upon fulfillment of restart conditions, the control device uses the aforementioned starter to rotationally drive the aforementioned engine output shaft, and restarts fuel injection by the aforementioned fuel injection valve when the aforementioned engine is in a transition state in which speed has been reduced to a speed at which the rotation of the aforementioned engine output shaft cannot restore the engine to autonomic operation but in which rotation has not completely stopped. When the aforementioned restart conditions are fulfilled, if the internal combustion engine is in the aforementioned transition state, the reduction correction unit correctively reduces the start-time fuel injection amount during engine operation restart compared with when rotation of the aforementioned output shaft is completely stopped.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1675/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : FIBRE-FORMING CENTRIFUGE, DEVICE AND METHOD FOR FORMING MINERAL FIBRES•

(51) International classification :C03B 37/04
(31) Priority Document No :0959393
(32) Priority Date :22/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052665
Filing Date :10/12/2010
(87) International Publication No :WO/2011/083227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAINT-GOBAIN ISOVER
Address of Applicant :18 Avenue d'Alsace F-92400
Courbevoie France
(72)Name of Inventor :
1)BOULANOV Oleg
2)BERNARD Jean-Luc

(57) Abstract :

The invention relates to a fiber structure centrifuge (1) suitable for rotating around a rotational axis (9), wherein the centrifuge (1) includes: an annular wall (10) having a plurality of openings (11) bored therein, the annular wall (10) having the rotational axis as an axis of symmetry; and a row (12) consisting of a continuous raised area or non-continuous raised areas, said row being located on the outer surface of the centrifuge (1), on the annular wall and/or above and near the annular wall (10) when the centrifuge (1) is in a centrifuging position, the row being horizontal or angled at an angle greater than 0° and less than 90° with respect to the horizontal when the centrifuge is in a centrifuging position. The invention makes it possible to improve the power use of a mineral fiber formation device that is provided with said centrifuge.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1677/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MICROBUBBLE CLEANING SYSTEM FOR A LARGE PRODUCT SUCH AS A VEHICLE•

(51) International classification	:B08B 3/08
(31) Priority Document No	:2010-040275
(32) Priority Date	:25/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2011/000563
Filing Date	:24/02/2011
(87) International Publication No	:WO/2011/104633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota-cho Toyota-shi Aichi-ken
471-8571 Japan
(72)Name of Inventor :
1)KOZUKA Hiroshi
2)INOUE Masahiro
3)IMURA Kanji
4)NEMOTO Yuji

(57) Abstract :

A microbubble cleaning system (1) includes a tank (2) in which a solution (20) into which a product is immersed to clean the product is stored; supplying means (4) for putting microbubbles into the solution and supplying the solution that includes the microbubbles into the tank; oil separating apparatus (3) that collects bubbles that have risen to a surface of the solution stored in the tank as a result of cleaning the product, as well as a portion of the solution that is near the surface of the solution, in order to separate oil from the solution; generating means (5) for generating a surface flow of the solution near the surface of the solution in order to remove the bubbles that have risen to the surface of the solution in the tank; and removing means (6) for removing carbon dioxide from air that is used to generate the microbubbles by the supplying means.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1681/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR USE IN ROUTE NAVIGATION INVOLVING A MOBILE STATION•

(51) International classification	:G01C 21/20
(31) Priority Document No	:61/297,209
(32) Priority Date	:21/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021929
Filing Date	:20/01/2011
(87) International Publication No	:WO/2011/091168
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :
1)GUPTA Rajarshi
2)DAS Saumitra Mohan

(57) Abstract :

Techniques are provided which may be implemented using various methods and/or apparatuses to allow for delay zone information to be gathered by one or more mobile stations used in route navigation, provided to one or more computing devices and processed in some manner to establish navigation information that may be of use by mobile stations involved in route navigation. For example, in certain instances navigation information may be indicative of an expected delay with regard to at least one known delay zone that may affect a user of the mobile station attempting to adhere to a route.

No. of Pages : 85 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1682/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEGRADABLE REMOVABLE IMPLANT FOR THE SUSTAINED RELEASE OF AN ACTIVE COMPOUND

(51) International classification	:A61K9/16,A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:61/288373	1)JANSSEN R&D IRELAND
(32) Priority Date	:21/12/2009	Address of Applicant :Eastgate Village Eastgate Little Island
(33) Name of priority country	:U.S.A.	Co Cork Island Ireland
(86) International Application No	:PCT/EP2010/070246	(72)Name of Inventor :
Filing Date	:20/12/2010	1)SCHACHTER Deborah M.
(87) International Publication No	:WO 2011/080141	2)BAERT Lieven Elvire Colette
(61) Patent of Addition to Application Number	:NA	3)KRAUS Guenter
Filing Date	:NA	4)ZHANG Qiang
(62) Divisional to Application Number	:NA	5)CHUN Iksoo
Filing Date	:NA	

(57) Abstract :

A degradable removable pharmaceutical implant for the sustained release of one or more drugs in a subject wherein the pharmaceutical implant is composed of a tube comprising an outer wall made of a degradable polymer completely surrounding a cavity wherein the outer wall has a plurality of openings and wherein the cavity contains one or more sets of micro particles which micro particles contain an active agent or a combination of two or more active agents and wherein the size of the microparticles is selected such that the majority of the microparticles cannot pass through the openings.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1683/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : INHIBITORS OF HEMOPOIETIC CELL KINASE (P59 HCK) AND THEIR USE IN THE TREATMENT OF INFLUENZA INFECTION

(51) International classification :A61K31/4155,A61K45/06,G01N33/50
(31) Priority Document No :0921730.8
(32) Priority Date :11/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/052067
Filing Date :10/12/2010
(87) International Publication No :WO 2011/070369
(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)RESPIVERT LIMITED
Address of Applicant :50 100 Holmers Farm Way High Wycombe Buckinghamshire HP12 4EG U.K.
(72)Name of Inventor :
1)CHARRON Catherine Elisabeth
2)FENTON Robert
3)CROWE Scott
4)ITO Kazuhiro
5)STRONG Peter
6)RAPEPORT Garth
7)RAY Keith

(57) Abstract :

The present invention relates inter alia to the treatment or prevention of influenza virus infection (including subtypes influenza A virus, influenza B virus, avian strain H5N1, A/H1 N 1, H3N2 and/or pandemic influenza) using compounds which inhibit the activity of p59-HCK and to a method of screening for a candidate drug substance intended to prevent or treat influenza virus infection in a subject, said method comprising identifying a test substance capable of inhibiting P59-HCK activity.

No. of Pages : 123 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1684/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : FLOTATION PROCESS FOR RECOVERING FELDSPAR FROM A FELDSPAR ORE

(51) International classification :B03D1/008,B03D1/01,B03D101/02
(31) Priority Document No :10290006.5
(32) Priority Date :08/01/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/050133
Filing Date :06/01/2011
(87) International Publication No :WO 2011/083136
(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)UNIVERSITE DE LORRAINE
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Nancy Cedex France
2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIC (C.N.R.S.)
3)IMERYS CERAMICS FRANCE
(72)Name of Inventor :
1)FILIPPOV Lev O.

(57) Abstract :

A flotation process for recovering feldspar from a feldspar containing feed material comprising the following steps: (1) forming an aqueous suspension of a feldspar containing feed material in the absence of hydrofluoric acid wherein the suspension comprises from 0.004 to 0.3 % wt. of a flotation reagent comprising: (a) one or more amines containing at least one aliphatic hydrocarbon chain linear or branched saturated or unsaturated comprising 8 to 50 carbon atoms or a salt thereof; and (b) one or more primary secondary or tertiary alcohols containing at least one aliphatic hydrocarbon chain linear or branched saturated or unsaturated comprising 8 to 50 carbon atoms; the ratio of (a) to (b) ranging from 500:1 to 1 :40 by weight; (2) agitating the obtained suspension to produce a feldspar containing fraction and (3) separating the feldspar containing fraction.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1686/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS FOR REDUCING SYMPTOMS OF NEURODEGENERATIVE DISEASES

(51) International classification :A61H1/00,A61H1/02,A61H15/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application
No :PCT/IB2010/050279

Filing Date :22/01/2010

(87) International Publication
No :WO 2011/089475

(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)ECKER TECHNOLOGIES SAGL

Address of Applicant :Vicolo Nassetta 2 CH 6901 Lugano (TI)
Switzerland

(72)Name of Inventor :

1)TASSIN Stefano

(57) Abstract :

Apparatus for improving mobility in patients affected by a neurodegenerative disease through controlled and localised mechanical stimulation of the foot at the tip of the big toe and the lower big toe metatarsal joint. Described herein is an apparatus comprising stimulators for the right and left foot and it attains such mechanical stimulation according to predetermined intensity parameters stimulation sequence duration and cyclical repetition. Mobility improvement was observed in particular in patients affected by Parkinson s disease.

No. of Pages : 22 No. of Claims : 21

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification :H04N 7/32, H04N 7/24
 (31) Priority Document No :10-2009-0121400
 (32) Priority Date :08/12/2009
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2010/008735
 Filing Date :08/12/2010
 (87) International Publication No :WO/2011/071308
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO. LTD.

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(72)Name of Inventor :

1)LEE Sun-Il**2)CHEON Min-Su****3)HAN Woo-Jin**

(57) Abstract :

Disclosed is a method and apparatus of encoding a video the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

No. of Pages : 52 No. of Claims : 15

(54) Title of the invention : WATER CLOSET FLANGE SEAL

(51) International classification :E03D11/00,E03D11/14,E03D11/17
 (31) Priority Document No :61/267499
 (32) Priority Date :08/12/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/059484
 Filing Date :08/12/2010
 (87) International Publication No :WO 2011/072025
 (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)CULWELL Bill
 Address of Applicant :240 Stoney Creekway Millerstown PA
 17062 U.S.A.
 (72) **Name of Inventor :**
1)CULWELL Bill

(57) Abstract :

An improved method of installing a closet flange allows installation of plumbing fixtures with a reduced likelihood of leaks. The method involves telescopically fitting an inner or outer surface of a drainpipe to a surface of a cylindrical portion of a hub of a closet flange where the hub has a base flange extending therefrom; and securing the base flange against the upper surface of a subfloor. A first layer of sealant is applied to an upper surface of the base flange; and a flooring membrane is secured to the upper surface of the base flange by the first layer of sealant. A second layer of sealant is applied to an upper surface of the flooring membrane; and the upper surface of the flooring membrane is clamped between the base flange and a clamping ring. The method may be performed using a two part closet flange for connection to a drain pipe for a toilet. The two part closet flange comprises a cylindrical hub adapted to telescopically connect to the drain pipe; an annular flange radially extending from the cylindrical hub; a clamping ring; and a means to clamp a flooring membrane between the clamping ring and the annular flange.

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : LITHIUM BASED ELECTROCHEMICAL GENERATOR INCLUDING TWO TYPES OF DISTINCT ELECTROCHEMICAL CELLS

(51) International classification :H01M4/485,H01M2/26,H01M4/48
(31) Priority Document No :10 50230
(32) Priority Date :14/01/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/050354
Filing Date :12/01/2011
(87) International Publication No :WO 2011/086102
(61) Patent of Addition 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 :25 rue Leblanc Btiment Le Ponant D F
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(72)Name of Inventor :
1)FUSALBA Florence
2)MARTINET Sbastien

(57) Abstract :

The invention relates to an electrochemical generator that includes a first type of electrochemical cell referred to as a high energy cell and a second type of electrochemical cell Referred to as a safety cell.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1690/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : REACTION OF GLYCOLALDEHYDE WITH AN AMINATING AGENT•

(51) International classification :C07C 209/26

(31) Priority Document No :09179710.0

(32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069642

Filing Date :14/12/2010

(87) International Publication No :WO/2011/082994

(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)BASF SE

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(72)Name of Inventor :

1)M.,GERLEIN Wolfgang

2)MELDER Johann-Peter

3)PASTRE Jrg

4)EBERHARDT Jan

5)KRUG Thomas

6)KREITSCHMANN Mirko

(57) Abstract :

The present invention relates to a process for reacting glycolaldehyde with an aminating agent in the presence of hydrogen and of a catalyst the catalyst being activated by reducing a catalyst precursor or by reducing a passivated catalyst which comprises effecting the reaction in the presence of a solvent and contacting the glycolaldehyde with the activated catalyst.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1691/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR A COMMERCE WINDOW APPLICATION FOR COMPUTING DEVICES

(51) International classification	:G06Q 20/00
(31) Priority Document No	:61/291,807
(32) Priority Date	:31/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044638
Filing Date	:06/08/2010
(87) International Publication No	:WO/2011/081680
(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)Will Graylin

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01906 United States of America

2)Michael Arner

(72)Name of Inventor :

1)Will Graylin

2)Michael Arner

(57) Abstract :

A commerce window system includes a consumer computing device a commerce window gateway server and a plurality of merchants. The consumer computing device comprises a commerce application player executable by the consumer computing device. The commerce window gateway server comprises a commerce application and a secure payment application and the commerce window gateway server communicates with the consumer computing device via a first network connection. The plurality of merchants provide product offers to the consumer computing device via the commerce application and receive payments via the secure payment application. The commerce application comprises a plurality of commerce offer managers and each commerce offer manager is associated with a specific merchant and comprises a commerce offer application that presents product offers for sale by the specific merchant.

No. of Pages : 56 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1692/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : INSIDER THREAT CORRELATION TOOL•

(51) International classification	:G06F 15/173
(31) Priority Document No	:12/694,067
(32) Priority Date	:26/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021152
Filing Date	:13/01/2011
(87) International Publication No	:WO/2011/094071
(61) Patent of Addition 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 :Attn: PAA NC1-027-20-05 214 N.
Tryon Street Charlotte North Carolina 28255 United States of America
(72)**Name of Inventor :**
1)MCHUGH Brian
2)RAMCHARRAN Ronald
3)LANGSAM Peter J.
4)METZGER Timothy C.

(57) Abstract :

Systems and methods for calculating threat scores for individuals within an organization or domain are provided. Aspects of the invention relate to computer-implemented methods that form a predictive threat rating for user accounts. In one implementation a first threat score representing a first time period may be calculated. The first threat score may be compared with aspects of the same user accounts for a second time period. Weighting schemes may be applied to certain activities controls and/or user accounts. Further aspects relate to apparatuses configured to execute methods for ranking individual user accounts. Certain embodiments may not block transmissions that violate predefine rules however indications of such improper transmission may be considered when constructing a threat rating. Blocked transmissions enforced upon a user account may also be received. Certain activity such as accessing the internet may be monitored for the presence of a security threat and/or an ethics threat.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1693/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMAGE RECOGNITION SYSTEM BASED ON CASCADED OVER-COMPLETE DICTIONARIES•

(51) International classification :G06K 9/62

(31) Priority Document No :61/300,408

(32) Priority Date :01/02/2010

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

(86) International Application No :PCT/US2011/023326

Filing Date :01/02/2011

(87) International Publication No :WO/2011/094737

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)Name of Inventor :

1)CHAN Victor H.

2)ZHENG Thomas

3)LIU Yinyin

(57) Abstract :

Certain embodiments of the present disclosure relate to a technique for image reconstruction that employs cascaded over-complete dictionaries (i.e. collections of bases) for extracting features and building representations for images at different reconstruction levels. Each dictionary on a different reconstruction level can be learned and optimized for the purpose of capturing either generic or discriminative features. By finding sparse representations through the cascaded dictionaries an image can be reconstructed and recognized.

No. of Pages : 25 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1695/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : VIA STRUCTURE INTEGRATED IN ELECTRONIC SUBSTRATE•

(51) International classification :H01L 23/552

(31) Priority Document No :12/637,104

(32) Priority Date :14/12/2009

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

(86) International Application No :PCT/US2010/060362

Filing Date :14/12/2010

(87) International Publication No :WO/2011/075491

(61) Patent of Addition 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)LI Xia

2)ZHAO Wei

3)CAO Yu

4)GU Shiqun

5)KANG Seung H.

6)KING Ming-Chu

(57) Abstract :

A system of via structures disposed in a substrate. The system includes a first via structure that comprises an outer conductive layer an inner insulating layer and an inner conductive layer disposed in the substrate. The outer conductive layer separates the inner insulating layer and the substrate and the inner insulating layer separates the inner conductive layer and the outer conductive layer. A first signal of a first complementary pair passes through the inner conductive layer and a second signal of the first complementary pair passes through the outer conductive layer. In different embodiments a method of forming a via structure in an electronic substrate is provided.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : FILTER ELEMENT COMPRISING A SEAL ARRANGEMENT AND METHOD FOR MAKING THE SAME•

(51) International classification	:B01D 46/52
(31) Priority Document No	:60/532,783
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043012
Filing Date	:21/12/2004
(87) International Publication No	:WO/2005/063361
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:792/MUMNP/2006
Filed on	:07/07/2006

(71)**Name of Applicant :**
1)DONALDSON COMPANY INC.
Address of Applicant :1400 West 94th Street P.O. Box 1299
Minneapolis Minnesota 55440-1299 United States of America
(72)**Name of Inventor :**
1)SCHRAGE Kevin J.
2)MURPHY Troy
3)MORK Donald Raymond

(57) Abstract :

A filter element arrangement is provided which includes a media pack(2) comprising Z-filter media a preform(35) and an overmold(48 51 54) sealing a portion of the interface between the preform and the media pack and also forming an air cleaner seal for the filter element. The overmold preferably comprises molded foamed polyurethane. A variety of media pack shapes can be used. A method of forming the filter element includes positioning the media pack in a mold together with the preform and allowing uncured foaming urethane to rise and cure to cover an interface between the media pack and the preform. An air cleaner comprising the filter element is also provided.

No. of Pages : 62 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1697/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TRACKING AND MONITORING CAMERA DEVICE AND REMOTE MONITORING SYSTEM USING SAME

(51) International classification	:H04N 7/18,H04N 5/225
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR2010/006942
Filing Date	:11/10/2010
(87) International Publication No	:WO/2011/093574
(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)YOUNGKOOK ELECTRONICS CO. LTD.
Address of Applicant :1432-10 Seocho-dong Seocho-gu Seoul 137-070 Republic of Korea
(72)**Name of Inventor :**
1)KIM Bae Hoon
2)LEE Jee hwan

(57) Abstract :

A camera device can smoothly perform an operation for monitoring an entire situation over a wide area and an intensive monitoring and tracking operation for a specific area or a specific object by integrating a wide monitoring camera and an intensive monitoring camera, and a shadow area is not generated in an area directly below. The camera device of the present invention includes a main frame, a first camera unit, and a second camera unit. The main frame includes a lens location surface of which a normal is directed to a lower part of the outside. The first camera unit comprises: a wide-angle lens which is provided at the main frame and is arranged on the lens location surface to direct an optical axis thereof to the lower part of the outside; and a first image sensor for converting incident light received through the wide-angle lens to an electric signal, so as to photograph circumferential images including a point directly underneath the monitoring camera device. The second camera unit comprises a second image sensor and is provided to rotate horizontally and vertically to the main frame. Desirably, the main frame is protruded from an outer surface to the outside and includes a supporting protrusion having a front surface facing the outside in the downward direction and the wide-angle lens can be attached to the front surface of the supporting protrusion.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2791/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : CLUTCH WEAR INDICATOR FOR VEHICLES SUCH AS TRACTORS AND ALIKE

(51) International classification	:F16D23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING,APOLLO
(33) Name of priority country	:NA	BUNDER,MUMBAI-400001. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. MOHAN BRIJ
(87) International Publication No	:N/A	2)MR. KANISHKA PUTTIGE RAGHAVENDRA
(61) Patent of Addition to Application Number	:NA	3)MR. SHRIKANT JOSHI S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A clutch wear indicator for use with off road vehicles such as tractors, wherein balance useful life of clutch plate is visually recognizable with an arrangement having a calibrated angular scale and a pointer disposed on outside of clutch housing at exposed area of vehicle, so as to be conveniently visible to the user/ operator. The arrangement comprises a pointer (123) and a calibration (124) disposed on outer surface of clutch housing (100), pointer (123) Is adapted to move over the calibration and having a pointed first end to precisely and accurately indicate corresponding reading in calibration (124), and a second end adapted to rigidly connect with projected end (114a) of shaft (114), calibration (124) has a reading scale range in accordance with the extent to which axial adjustment of clutch release sleeve (109) is done due to wear of clutch plate (105) over a period of time (useful life).

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF CLEANING A HOUSEHOLD SURFACE

(51) International classification	:A47L11/04,A47L13/10	(71)Name of Applicant :
(31) Priority Document No	:61/290706	1)SAINT GOBAIN ABRASIVES INC.
(32) Priority Date	:29/12/2009	Address of Applicant :One New Bond Street Worcester MA
(33) Name of priority country	:U.S.A.	01615 U.S.A.
(86) International Application No	:PCT/US2010/062251	2)SAINT GOBAIN ABRASIFS
Filing Date	:28/12/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/090721	1)CROWE John T.
(61) Patent of Addition to Application	:NA	2)CAI Ying
Number	:NA	3)KRUPA Paul
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of cleaning a household kitchen or bath solid surface includes placing a cleaning article on the solid surface that includes a foreign matter. The method further includes abrading the solid surface with the cleaning article to remove the foreign matter. The cleaning article includes a layer of a liquid silicone rubber formulation and abrasive grains.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTILAYER BARRIER FILM&NBSP; LAMINATES AND PROCESS THEREOF

(51) International classification	:B65D75/26, B29L9/00,	(71)Name of Applicant : 1)ESSEL PROPACK LIMITED
(31) Priority Document No	:NA	Address of Applicant :10th Floor Times Tower Kamala City
(32) Priority Date	:NA	Senapati Bapat Marg Lower Parel Mumbai Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BANERJEE Mrinal Kanti
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a multi-layer barrier film comprising: a first layer of an ethylene vinyl alcohol (EVOH) layer or a polyamide layer having a thickness in the range of 3micron to 15 micron; a second layer of a polyamide layer having a thickness in the range of 3 micron to 15 micron in contact with the first layer; and a third layer of an ethylene vinyl alcohol (EVOH) layer having a thickness in the range of 3 micron to 15 micron. The present disclosure also relates to a multi-layered laminate comprising the multilayer barrier film, and the process of making the same.

No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3164/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : MODULATED CYCLIC FLOW (MCF) DRIP IRRIGATION SYSTEMS.

(51) International classification	:A01G25/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAIN IRRIGATION SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant :JAIN PLASTIC PARK,N H NO
(33) Name of priority country	:NA	BAMBHORI, JALGAON-425001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHEAL PATRICK DEFRANK
(87) International Publication No	:N/A	2)STANLEY EDWARD HAWKINS
(61) Patent of Addition to Application Number	:NA	3)AJIT BHAVARLAL JAIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present system comprises, a MFC controller, emitter-lines that utilize non-drain technology on the emission devices and control valves for individual drip lines or groups of drip lines within an irrigation zone, along with a means to actuate the control valves by the controller. The MCF system utilizes a number of valves in an irrigation system to control either individual emitter-lines or groups of emitter-lines but does not control individual emitters. The present system has a programmable controller that has a number of stations, each of which controls a group of valves. Each station can be programmed for start time and duration that the station is actuated. Each station can be programmed independently from all the others allowing overlap or complimentary irrigation. The total input flow rate to the system remains nearly constant during a daily irrigation while the valve groups are cycling within the system.

No. of Pages : 19 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1666/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SUBSTITUTED DIPHENYLAMINE COMPOUNDS, PREPARATION METHOD AND USE THEREOF

(51) International classification	:C07C 211/56
(31) Priority Document No	:201010129005. 6
(32) Priority Date	:22/03/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/071983
Filing Date	:21/03/2011
(87) International Publication No	:WO/2011/116671
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**2)SHENYANG RESEARCH INSTITUTE OF CHEMICAL
INDUSTRY CO. LTD.**
(72)Name of Inventor :
1)LIU Changling
2)LI Huichao
3)LI Zhinian
4)HUANG Guang
5)ZHANG Hong

(57) Abstract :

Substituted diphenylamine compounds of general formula I are provided in which each substituted group is defined as in the description. The compounds of general formula I have broad-spectrum fungicidal activity in the field of agriculture. Furthermore the preparation methods of the above compounds are simple.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1667/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : STEERING ROLL CONNECTOR FOR A VEHICLE

(51) International classification :B62D 1/04
(31) Priority Document No :10-2010-0000990
(32) Priority Date :06/01/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/009613
Filing Date :31/12/2010
(87) International Publication No :WO/2011/083936
(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)DAESUNG ELECTRIC CO. LTD
Address of Applicant :743-5 Wonsi-dong Danwon-gu
Ansan-si Gyeonggi-do 425-851 Republic of Korea
(72)Name of Inventor :
1)PARK Jong Chul
2)AHN Eui Yeung

(57) Abstract :

The present invention relates to a steering roll connector for a vehicle, comprising: a roll stator fixed at the vehicle; a roll rotor which is arranged coaxially to the roll stator such that the roll rotor is rotatable relative to the roll stator, and which has a rotor connector in which a steering wheel connector is installed; a roller plate rotatably interposed between the roll stator and the roll rotor; and a locking unit, which remains set at a neutral position if a vehicle steering wheel shaft is not provided, and, if a vehicle steering wheel shaft is provided, operates so as to enable a relative rotation between the roll rotor and the roll stator.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3437/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : A SYSTEM AND METHOD ESTABLISHING AN ADHOC NETWORK FOR ENABLING BROADCASTING.

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SINHA, ANIRUDDHA
(87) International Publication No	:N/A	2)PAL, ARPAN
(61) Patent of Addition to Application Number	:NA	3)CHATTOPADHYAY, DHIMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for dynamically establishing an adhoc network amongst plurality of communication devices in a beyond audible frequency range is disclosed. The system provides a first communication device to transmit a data to one or more second communication devices. The first communication device comprises of an input capturing module adapted to receive the data from a broadcaster in at least one format and converting the captured data into a modulated data, an identity generating module configured to generate a temporary identity for a broadcasting user. The second communication device then receives at least one broadcasted data from the first communication device and determines a probabilistic confidence level of the modulated data. A transreceiver implemented in the first and second communication device to transmit and receive the data in conjugation with the temporary identity within a predefined proximity of each device.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : GENERATION OF ELECTRICITY IN NEW WAY

(51) International classification	:H02N 11/00	(71)Name of Applicant : 1)VIKAS B.SAMAG
(31) Priority Document No	:NA	Address of Applicant :C 19- SHARADA S.B. COLONY
(32) Priority Date	:NA	WEST AURANGAAD Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VIKAS B.SAMAG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The device is based on the Principal of Liver where input given is at one end and output is calculated at other end because of which input is much less than output which can be used for production of power through Alternator of single phase or three phase of any capacity by changing lengths, weights accordingly in power industry

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3456/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : PEDAL OPERATED SUGARCANE BUD CHIPPING MACHINE.

(51) International classification	:B27B 33/20, B27L11/00	(71)Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR), CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING Address of Applicant :NABI BAGH, BERASIA ROAD BHOPAL-462 038, (MADHYA PRADESH), INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. S. JACOB KALAISELVAN ANNAMALAI
(33) Name of priority country	:NA	2)DR. RAVINDRA NAIK
(86) International Application No	:NA	3)DR. N. VIJAYAN NAIR
Filing Date	:NA	4)DR. N. RAJENDRA PRASAD
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention described in this application relates to a foot pedal device useful for removing the bud chips from sugarcane to be used as planting materials. The device comprises of five major components, (a) Sugarcane holder (b) Sugarcane chipping blade operated by pedal operated mechanism (c) Adjustable guide mechanism to guide the sugarcane to the cutting zone on the wooden platform for chipping of buds of required size (d). A guard screen for operators safety and to avoid the contact of the sugarcane buds removed with the operator and to guide the sugarcane bud chips in to the plastic collecting tray (e) Plastic collecting tray of size 500 x 420 x 215 mm to collect the cut sugarcane bud chips The sugarcane after harvesting at an optimum age is fed into the pedal operated sugarcane bud chipping machine. After placing the sugarcane in the appropriate position guided by the guide plate, the chipping blade moves up and down by rocker arm motion activated by an eccentric mechanism. The up and down motion is obtained when the pedal is operated and the motion is transmitted from the pedal to the chipping blade through the transmission mechanism. A safety guard has been provided that helps in directing the sugarcane bud chips into the collection tray. Since two subsequent sugarcane bud chips are placed at an angle of 180° , the operator has to rotate the sugarcane manually by an angle of 180° before the next chipping operation is initiated, for extracting the subsequent bud. The sugarcane bud chips extracted are collected in a plastic tray. With this device, an operator can safely remove 500-550 number sugarcane buds per hour .The cost of the unit is Rs. 2750 only. The saving in labour and cost over conventional method is about 80 per cent and 27 per cent, respectively.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.718/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : LYOPHILIZED FORMULATIONS OF PARACETAMOL FOR INTRAVENOUS ADMINISTRATION

(51) International classification	:A61K31/167, A61K 9/22	(71)Name of Applicant : 1)STRIDES ARCOLAB LIMITED Address of Applicant :NO.201,'DEVAVRATA' SECTOR 17,VASHI, NAVI MUMBAI-400 703, Maharashtra 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)MANDAVILLI, SRIRAMA SARVESWARA RAO
Filing Date	:NA	2)CHETLAPALLI, SATYA SRINIVAS
(87) International Publication No	:N/A	3)PAWAR, SHANTARAM
(61) Patent of Addition to Application Number	:NA	4)KARANAM, VISHALI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to lyophilized formulation comprising paracetamol, detoxifying agent, pharmaceutically acceptable excipients, and, optionally comprising a stabilizer. The invention also provides a method of producing a stable, sterile pharmaceutical product comprising lyophilized paracetamol. The present invention provides advantages over the prior art by providing stable lyophilized paracetamol compositions that can be easily transported, stored and distributed without any problems of oxidation and cumbersome manufacturing associated with aqueous liquid paracetamol injection.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.663/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/03/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : A FERTILZER COMPOSITION

(51) International classification	:A01N 59/00, A01N 59/02	(71)Name of Applicant : 1)SHAH, DEEPAK PRANJIVANDAS Address of Applicant :501/502, VANDANA APARTMENTS, JANKI KUTIR, JUHU CHURCH ROAD, JUHU, MUMBAI- 400 009 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHAH, DEEPAK PRANJIVANDAS
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to compositions comprising an effective amount of sulphur, an effective amount of zinc sulphate or zinc oxide and at least one agrochemically acceptable excipient.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.664/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/03/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN AGROCHEMICAL COMPOSITION

(51) International classification	:A01N59/16, A01N59/02	(71) Name of Applicant : 1)SHAH, DEEPAK PRANJIVANDAS Address of Applicant :501/502, VANDANA APARTMENTS, JANKI KUTIR, JUHU CHURCH ROAD, JUHU, MUMBAI- 400 009 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAH, DEEPAK PRANJIVANDAS
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an agricultural composition comprising an effective amount of at least one pesticidal active ingredient, an effective amount of sulphur, an effective amount of zinc and at least one agrochemically acceptable excipient.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1700/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CLEANING BODY CAVITIES

(51) International classification :A61M 3/02
(31) Priority Document No :61/293,758
(32) Priority Date :11/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050121
Filing Date :11/01/2011
(87) International Publication No :WO/2011/083451
(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)Motus GI Medical Technologies Ltd.
Address of Applicant :18 Wadi El Hadg Street Nazareth
Industry Zone 16031 Nazareth Israel.

(72)**Name of Inventor :**
1)SHTUL Boris
2)MOROCHOVSKY Alexey
3)BANZGER Alexander
4)HASSIDOV Noam

(57) Abstract :

Systems and methods for cleaning body cavities are presented. Some embodiments reduce size of fecal matter pieces within an evacuation conduit. Some comprise devices and methods for purging an evacuation conduit. Some comprise reduced cross-sectional profiles of a cleaning device. Some protect intestinal tissue by preventing exposure to excessively high and low pressures.

No. of Pages : 50 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : BI-COMPONENT DRIP EMITTER

(51) International classification :A01G 25/02

(31) Priority Document No :12/697,255

(32) Priority Date :31/01/2010

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

(86) International Application No :PCT/IB2010/055930

Filing Date :19/12/2010

(87) International Publication No :WO/2011/092557

(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)Amirim Products Development & Patents Ltd.

Address of Applicant :Yuvalim 20142 Doar-Na Misgav
Israel.

(72)Name of Inventor :

1)COHEN Amir

(57) Abstract :

A drip emitter formed from an elastomer component and a rigid polymer component for welding to the inner surface of an irrigation hose. The drip emitter has a fluid flow pathway including a flow restriction, typically in the form of a labyrinth, formed at least partially within the elastomer to provide a variable geometry flow restriction. The flow restriction may include under- tooth bypass spaces located between the base and the sequence of baffles, over- tooth bypass clearances or may employ baffles with a thickened root portion which forms a sloped transition region between an upright upper wall portion and the base. In each case, flow through the drip emitter when deployed is regulated by pressure-responsive deformation of the elastomer component. Some implementations employ a thermoset elastomer component such as silicone with mechanical interlocking between the components.

No. of Pages : 55 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1702/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DYNAMIC GENERATION, DELIVERY, AND EXECUTION OF INTERACTIVE APPLICATIONS OVER A MOBILE BROADCAST NETWORK•

<p>(51) International classification :H04N 7/173 (31) Priority Document No :61/294, 753 (32) Priority Date :13/01/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/021201 Filing Date :13/01/2011 (87) International Publication No :WO/2011/088257 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>		<p>(71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America. (72)Name of Inventor : 1)GUPTA Binita 2)PERSUAD Anthony G. 3)PILIPSKI Eitan 4)CHITTULURI Suranarayana C. 5)PITCHAIMANI Rajkumar 6)VERMAN Ankur 7)STORCH Mark R. 8)SHAH Sachin 9)RINEY Carla L. 10)TINSMAN John E. 11)HSU Cherng-shung</p>
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(57) Abstract :

Systems apparatus and methods provide an automatic capability for generating interactivity event applications for execution on receiver devices within a broadcast network based upon interactivity event application data information and sequence logic. Interactivity event content providers may provide to a broadcast network interactivity event application data event metadata information and sequence logic a broadcast network. Such applications may be transmitted via the broadcast network. Transmitted applications may be activated in receiver devices in response to receiving a signal from a real-time broadcast stream. Activation signals may be used to synchronize application activation with an event in a media program so downloaded applications may be activated in synchrony with broadcast programs. Interactive applications may

No. of Pages : 213 No. of Claims : 210

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1703/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : NAIL CARE SYSTEM

(51) International classification :A45D29/12,A45D29/11
(31) Priority Document No :61/290715
(32) Priority Date :29/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062428
Filing Date :29/12/2010
(87) International Publication No :WO 2011/090758
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAINT GOBAIN ABRASIVES INC.
Address of Applicant :One New Bond Street Worcester
Massachusetts 01615 U.S.A.
2)SAINT GOBAIN ABRASIFS
(72)Name of Inventor :
1)CAI Ying
2)KRUPA Paul

(57) Abstract :

A nail care system for buffing and polishing fingernails and toenails is disclosed. The system includes a nail care strip that includes a layer of a liquid silicone resin formulation and abrasive grains.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3255/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PROCESS TO PREPARE AN ANTIMICROBIAL COMPOSITION AND ANTIMICROBIAL COMPOSITION THEREOF.

(51) International classification	:B01J20/06, C02F1/28, B01J20/28	(71)Name of Applicant : 1)TATA CHEMICALS LTD., Address of Applicant :BOMBAY HOUSE, 24 MODI STREET, MUMBAI - 400001 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MURALI SASTRY
(33) Name of priority country	:NA	2)DEBABRATA RAUTARAY
(86) International Application No	:NA	3)PRABHAT KUMAR PARIDA
Filing Date	:NA	4)SATYANARAYANA VENKATA KANDUKURI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An antimicrobial composition comprising rice husk ash with an antimicrobial compound coated thereon, is disclosed. The said antimicrobial compound consists of copper nanoparticles bonded to silver nanoparticles with an intermetallic bond. Further, a method of preparing the said antimicrobial composition is also disclosed.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3258/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

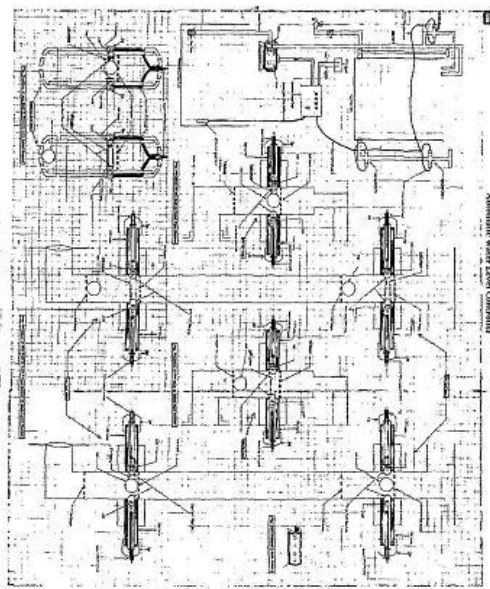
(43) Publication Date : 18/10/2013

(54) Title of the invention : AUTOMATIC WATER LEVEL CONTROLLER

(51) International classification	:G05D9/00, G05D9/12	(71)Name of Applicant : 1)MR. DEEPAK GOUD
(31) Priority Document No	:NA	Address of Applicant :13, SHRIRAM NAGAR, PALDA
(32) Priority Date	:NA	NAKA, INDORE - 1, Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEEPAK GOUD
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This is an automatic system. It can be used in households, agriculture and industries etc. to control the water level in the water tank. The system has a control panel and four sensors. Two of these sensors are mounted on the lower and upper level in the top water tank and the other two sensors which is mounted in a water source and the second is mounted in the inlet pipe. Each sensor contains a LED, LDR and a small ball. In which LED and LDR is face to face, whereas a small ball with water level cones and goes between LED and LDR. Thus creating a logical system automates the motor. The great utility of this system is that it maintains the water level in the tank safely. The reason for staying safe is that the water does not come into direct contact to any electric current Because LED light rays is transmitted into the water.



No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR PREPARING MANGANESE SULFATE MONOHYDRATE

(51) International classification :C01G 45/10
(31) Priority Document No :201010137708.3
(32) Priority Date :31/03/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075312
Filing Date :20/07/2010
(87) International Publication No :WO/2011/120273
(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)GUIZHOU REDSTAR DEVELOPING CO. LTD.
Address of Applicant :Dingqi Town Zhenning County
Anshun City Guizhou Province 561206 China
(72)Name of Inventor :
1)JIANG Zhiguang
2)HUA Dong

(57) Abstract :

Provided is a method for preparing manganese sulfate monohydrate which comprises the following steps: (1) reacting MnO with (NH₄)₂SO₄ solution under heat and separating solid from liquid after reaction; 2) determining the concentration of MnSO₄ in the resulting solution of step 1) adding equimolar ammonium sulfide solution thereto to carry out reaction under agitation separating solid from liquid after reaction and then washing solid phase; 3) dissolving the solid phase with concentrated sulfuric acid adding hydrogen peroxide to the obtained solution heating to boiling adjusting the pH value of the solution to 5-6 removing the solid phase through precise filtration evaporating and oven drying the filtrate to obtain MnSO₄H₂O product. The impurities are separated away and the amount of byproducts is reduced by this method and the yield of manganese sulfate monohydrate is improved.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS AND METHODS FOR CHARACTERIZATION OF LUNG TISSUE BY RAMAN SPECTROSCOPY

(51) International classification :A61B1/267,A61B6/00,G01N21/65
(31) Priority Document No :61/297486
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050040
Filing Date :21/01/2011
(87) International Publication No :WO 2011/088580
(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)BRITISH COLUMBIA CANCER AGENCY BRANCH
Address of Applicant :675 West 10th Avenue Vancouver
British Columbia V5Z 1L3 Canada
(72)Name of Inventor :
1)ZENG Haishan
2)SHORT Michael
3)LAM Stephen
4)MCWILLIAMS Annette

(57) Abstract :

Near infrared Raman spectroscopy can be applied to identify preneoplastic lesions of the bronchial tree. Real time in vivo Raman spectra of lung tissues may be obtained with a fiber optic catheter passed down the instrument channel of a bronchoscope. Using prototype apparatus preneoplastic lesions were detected with sensitivity and specificity of 96 and 91 % respectively. The use of Raman spectroscopy apparatus and methods in conjunction with other bronchoscopy imaging modalities can substantially reduce the number of false positive results.

No. of Pages : 47 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : STABLE ENZYME IN-SITU GELLING SYSTEM.

(51) International classification	:A61K 31/00, A61K 47/26	(71)Name of Applicant : 1)SHRUTI MAHAJAN Address of Applicant :14/304, AMBER SOC, MANISHA NAGAR, KALWA, THANE, 400605 Maharashtra India 2)MRS. MALA MENON
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHRUTI MAHAJAN
(33) Name of priority country	:NA	2)MRS. MALA MENON
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A stable topical in situ gelling drop for reducing oxidative stress in eyes comprising stress eliminating amounts of catalase formulated in a carrier mixture of stabilizing agents, mucoadhesive and thermo reversible polymers and preservatives. The in-situ gelling system reduces stress at the site of increased free radicals in the eye and acts to balance the antioxidant capacity of aging eyes.

No. of Pages : 5 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.18/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : A DISTRIBUTED COMPUTER SYSTEM FOR PROCESSING OF INVOICES AND/OR DOCUMENT AND A METHOD IMPLEMENTED THEREIN.

(51) International classification	:G06F 19/00, G06F 19/28	(71)Name of Applicant : 1)INTELENET GLOBAL SERVICES PVT. LTD. Address of Applicant :INTELENET TOWERS, 1406-A/28, MINDSPACE, MALAD(WEST), MUMBAI - 400 064 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHEWADE RAJENDRA
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A distributed computer system for processing of invoices and/or documents and a method implemented therein are disclosed. The distributed computer processing system comprises at least one server, a database communicably coupled to the server and at least one external user terminal and at least one internal user terminal communicably coupled to the at least one server.

No. of Pages : 22 No. of Claims : 19

(54) Title of the invention : CONTAINER FOR SAFE AND CREASE-FREE STORING OF SARIS

(51) International classification	:B31B 1/58, B31B31/00	(71) Name of Applicant : 1)MOHAN GANESH GUJAR Address of Applicant :BLDG, NO. D-3, FLAT NO. 1104, LAKE-TOWN HOUSING SOCIETY, BIBVEWADI RD. KATRAJ. PUNE - 411046, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MOHAN GANESH GUJAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a winding apparatus for winding crease-free textile for storing and exhibition, the winding apparatus comprising: a first guiding means rotatably mounted between side plates and mounting plates, the textile is first guided by the first guiding means; a second guiding means rotatably mounted between the side plates and the mounting plates; a flexible belt slidably disposed over the second guiding means and between the side plates, the flexible member includes springs for restoring the position; a pair of connecting plates connecting two guide rods and in constant contact with the cam wheels attached to the cam shaft that rotates to reciprocate the upward or downward movement of flexible belt: cam wheels with cam shaft, locking means and rotating means disposed over the flexible belt and near the side plates, rotation of the rotating means the cam wheels rotate thereby reciprocates the flexible belt, when the flexible belt slide towards the second guiding means, the textile is pressed against the second guiding means for stretching the cloth for crease-free winding, and when the flexible belt slide away from the second guiding means, the textile is released therefrom; an inner cylinder rotatably mounted between side plates and mounting plates, the inner cylinder is adapted to hold an edge of the textile and then rotated for winding thereover; and a driving means with suitably shaped male shaft detachably coupled with the corresponding suitable female sockets at the ends of the inner cylinder, the driving means rotates the inner cylinder for winding the textile guided and passed over first guiding means, then between the flexible belt and the second guiding means.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.398/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A NOVEL DOSA TAVA

(51) International classification	:A47J 27/60, A47J36/00	(71)Name of Applicant : 1)HAWKINS COOKERS LIMITED Address of Applicant :HAWKINS COOKERS LIMITED, MAKER TOWER F 101, CUFFE PARADE, P.O BOX 16083, MUMBAI-400 005 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)J. CHAKRABARTI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an novel dosa tava comprising of a tava with a handle, wherein a gentle slope is provided to profile of tava. Said gentle slope enables the flame of the gas stove to follow the profile of the tava and makes the heat distribution uniform on the cooking surface. Further, the gentle curve helps in insertion of the spatula at the right angle.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1665/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TILT TYPE GRAVITY MOLDING DEVICE

(51) International classification :B22D 23/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/050812

Filing Date :22/01/2010

(87) International Publication No :WO/2011/089711

(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)Morikawa Kanagata Co. Ltd.

Address of Applicant :5-17 Takaidahondori 2-chome
Higashiosaka-shi Osaka 5770066 Japan

(72)Name of Inventor :

1)MORIKAWA Shunichi

2)IDE Hirofumi

3)YANO Tadayuki

(57) Abstract :

A tilt type gravity molding device comprises: a mold (3) which can tilt between a fallen position and a standing position raised approximately 90 degrees from the fallen position; a pouring mold (7) in which a pouring gate (71) for guiding molten metal to the cavity (2) for forming a molded article is formed; and a bowl-like member (4) which contains the molten metal and pours the molten metal into the pouring gate (71) as the mold (3) tilts. In order to eliminate the need for a feeder head and for a reduction in the tilt speed and to enable the molten metal within the mold to be appropriately pressurized by gas, the tilt type gravity molding device also comprises: a blocking means (8) which is provided between the pouring gate (71) and the cavity (2) and which can open and close the pouring gate (71); a gas opening (9) which is provided at the upper part of the mold (3) in the standing position, prevents the molten metal from flowing to the outside of the mold (3), and permits only gas to pass therethrough; and a gas supply means (91) which can supply a high-pressure gas to the gas opening (9).

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :25/09/2009

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF SOLIFENACIN OR A SALT THEREOF

(51) International classification	:C07D453/02, C07D453/00	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD - 380 015, GUJARAT, 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)KOTHARI HIMANSHU M
Filing Date	:NA	2)DAVE MAYANK GHANSHYAMBHAI
(87) International Publication No	: NA	3)PANDEY BIPIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes recovery and racemization of (1R)-Phenyl-1,2,3,4-tetrahydroisoquinoline of compound of formula (III) to obtain racemic 1-phenyl-1, 2,3,4-tetrahydroisoquinoline of compound of formula (I) and its further resolution to get (1S)-1-phenyl-1, 2, 3, 4-tetrahydroisoquinoline (intermediate B) in high chemical and chiral purity, which is the key intermediate for the preparation of (3R)-azabicyclo[2.2.2]oct-3-yl (1S)-1-phenyl-3,4-dihydroisoquinoline-2-(1H)-carboxylate.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/08/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED INNER TUBULAR SHAPED BOTTLE STOPPER AND BOTTLE NECK OF A BOTTLE

(51) International classification	:B65D 81/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.PARESH RAMANLAL DALAL
(32) Priority Date	:NA	Address of Applicant :61,B.AMAR NIWAS,SOPHIA
(33) Name of priority country	:NA	COLLEGE LANE,B.DESAI ROAD,MUMBAI 400 026.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)MRS.PREETI PARESH DALAL
(87) International Publication No	:N/A	3)MR.SANJAY DHANSUKHLAL SHAH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR.PARESH RAMANLAL DALAL
(62) Divisional to Application Number	:NA	2)MRS.PREETI PARESH DALAL
Filing Date	:NA	3)MR.SANJAY DHANSUKHLAL SHAH

(57) Abstract :

An improved inner tubular bottle stopper and bottle neck of bottle, comprising upper portions and lower portion the upper portion suitable for bottle and cap assembly, characterized in that an inner tubular shaped bottle stopper, containing a step inside just below top stopper portion of the stopper, which facilitated for suitable flush of the bottle just below the top of the bottle, Further the step has an inner neck of the bottle and which helps in protrude portion on the stopper. The said stopper which helps in sealing the bottle as well as presents the stopper from being pushed inside the bottle. The step on the stopper doesn't protrude out beyond the top of the neck ensuring that an additional threaded cap can be accommodated in the outside of the bottle.

No. of Pages : 6 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1825/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :07/08/2009

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF IVABRADINE HYDROCHLORIDE AND INTERMEDIATES THEREOF

(51) International classification	:C07D223/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(33) Name of priority country	:NA	CROSS ROADS, AHMEDABAD - 380 015, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DWIVEDI, SHRIPRAKASH DHAR
(87) International Publication No	:N/A	2)SHARMA, PIYUSH RAJENDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved process for the preparation of Ivabradine Hydrochloride and intermediates thereof.

No. of Pages : 41 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2608/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 18/10/2013

(54) Title of the invention : MAGNETO MECHANICAL DUAL SOURCED ENGINE

(51) International classification	:F01B29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PUROHIT HARSH SHAILESH
(32) Priority Date	:NA	Address of Applicant :18, PATEL COLONY, SIDDHNATH
(33) Name of priority country	:NA	ROAD, VADODARA - 390 001, GUJARAT, INDIA.
(86) International Application No	:NA	2)SHAH ANKIT ATULBHAI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PUROHIT HARSH SHAILESH
(61) Patent of Addition to Application Number	:NA	2)SHAH ANKIT ATULBHAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Magneto Mechanical Dual Sourced Engine is an invention which caters development / modification of engine with at least two cylinders and making it dual powered by harnessing electromagnetic power along with conventional fossil fuels or bio-fuels. It proves to be environmentally friendly through a significant reduction in the fuel consumption and also in emissions from the engine and in a way not compromising engine power.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3596/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR EVALUATING&NBSP; SCORING AND RATIONALIZING INVENTIONS

(51) International classification	:G06F 19/00, G06Q10/10	(71) Name of Applicant : 1)TATA Consultancy Services Limited Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai 400021 Maharashtra India.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MOHANTY Santosh Kumar
(33) Name of priority country	:NA	2)SARKAR Shampa
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for evaluating scoring and rationalizing an invention a set of a plurality of inventions or an Enterprise-wide invention portfolio has been described based on weighted sustainable characteristics of the said invention(s) gauged against lag and lead capability measures. The said sustainable capability measurements incorporating maturity quantification across manifold dimensions generates a Capability Sustainability Score of the said invention(s) which is further fed to evaluate an invention by positioning it against its prime market at a given time for a user-defined geography or jurisdiction. The rationalization of an invention can be retrieved by evaluating the said invention(s) for its projected or predicted Life Cycle revealing fields of improvements.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.683/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AUXILIARY WHEEL APPARATUS FOR VEHICLES

(51) International classification	:B60R1/078	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. RAVI GANESH ATHALYE
(32) Priority Date	:NA	Address of Applicant :MATRU SHREE, 1098/4 MODEL
(33) Name of priority country	:NA	COLONY, PUNE, PIN 411016 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. RAVI GANESH ATHALYE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an auxiliary wheel apparatus for a vehicle that comprises an auxiliary wheel that facilitates connection of a plurality of user configured means thereto. The user configured means gives an early indication of an under inflated or deflated state of the vehicle wheel to a remote observer. The auxiliary wheel contacts and rotates on a ground by facilitating support in the under inflated or deflated state of the vehicle wheel. The auxiliary wheel facilitates the vehicle to be driven at a reduced speed without limitation in the under inflated or deflated state of vehicle wheel.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.217/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A METHOD FOR TYPING REGIONAL SCRIPTS

(51) International classification	:G06F3/023
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Korant Praveenchandra Haribhai

Address of Applicant :3/114 C Shrinathnagar Junagadh
362002 Gujarat INDIA

(72)Name of Inventor :

1)Korant Praveenchandra Haribhai

(57) Abstract :

The present invention relates to a method using basic English alphabets and newly scripted symbols to generate the script alphabets of different regional languages. In the said method other special character keys are also available to the user while typing different regional script. The said method is applicable for all types of regional scripts. The said method and its scripted symbols can be adapted for the representation of most other regional scripts of the world.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.604/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 18/10/2013

(54) Title of the invention : DR.GURAV'S MODEL ON EMPLOYEE PERFORMANCE APPRAISAL

(51) International classification	:G06Q10/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. ANNASAHEB MARUTI GURAV
(32) Priority Date	:NA	Address of Applicant :1147 E WARD, C-4
(33) Name of priority country	:NA	MAHAGOANKAR COMPLEX SYKES EXTENSION
(86) International Application No	:NA	KOLHAPUR-416001 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. ANNASAHEB MARUTI GURAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Dr. Guravs Model on Employee Performance Appraisal uses 360 degree employee review to rate the employees performance according to the 25 point scale of the model. The 25 point scale gives approximate estimation of the employees performance using 5 point rating scale. The Dr. Guravs Model on Employee Performance Appraisal has used Brain storming method to give appropriate weights to each question. These weights are hidden from the respondent so that the respondent may remain impartial. The questionnaires which are to be filled are analyzed by weight mentioned in the model for each question separately. After completion of the entire questionnaire the following procedure for performance measurement is used: Take the total of all respondents sums, Calculate average of the total and Calculate the percentage of average of the total, using this technique an employees performance is rated.

No. of Pages : 16 No. of Claims : 10

(54) Title of the invention : CARRYING SYSTEM

(51) International classification	:A41D 13/05
(31) Priority Document No	:1050026-2
(32) Priority Date	:14/01/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050021
Filing Date	:11/01/2011
(87) International Publication No	:WO/2011/087436
(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)coXa carry AB

Address of Applicant :Vallgatan 13 SE-296 31 ...HUS Sweden.

(72)Name of Inventor :

1)BERGKVIST Claes

(57) Abstract :

The present invention concerns a carrying system comprising an ergonomic back plate (2) which is substantially covering the entire back of a user, a first carrying strap (3) adapted to extend from a first position (P1) of an upper section of said back plate (2) over a first shoulder of a user substantially diagonally downwards towards solar plexus of said user, a second carrying strap (4) adapted to extend from a second position (P2) of said upper section of said back plate over a second shoulder of said user substantially diagonally downwards towards solar plexus of said user, a third carrying strap (5) adapted to extend from a first position (P3) of a lower section of said back plate (2) under a first arm of said user substantially diagonally upwards towards solar plexus of said user, and a fourth carrying strap (6) adapted to extend from a second position (P4) of said lower section of said back plate (2) under a second arm of said user substantially diagonally upwards towards solar plexus of said user. The carrying system is characterized in that at least one of said carrying straps (3, 4, 5, 6) are provided with a connecting body (7) which is fixated at its free end, and each and one of the remaining carrying straps (3, 4, 5, 6) are provided with a fastening body (8) which is fixated at its free end, wherein said at least one connecting body (7) is adapted to connect said respective fastening body (8).

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1694/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AUTOMATIC LINKING OF POINTS OF INTEREST FOR INDOOR LOCATION BASED SEARCHING•

(51) International classification	:G06Q 30/00
(31) Priority Document No	:61/297,177
(32) Priority Date	:21/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/022123
Filing Date	:21/01/2011
(87) International Publication No	:WO/2011/091303
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)**Name of Inventor :**
1)DAS Saumitra Mohan
2)GUPTA Rajarshi
3)KHORASHADI Behrooz

(57) Abstract :

A database of the location based relationships of points of interest within an environment is automatically generated using a digital representation of the environment that includes the points of interest at different locations within the environment. The locations of the points of interest in the environment are identified and the location based relationships between the points of interest are determined. The points of interest are labeled with the determined relationships and the points of interest and labeled relationships are stored. For example a graph structure may be produced where each node is a point of interest and the edges between nodes is labeled with the determined relationships.

No. of Pages : 20 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1679/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : RECYCLABLE CARDBOARD BICYCLE •

(51) International classification	:B62M 1/00
(31) Priority Document No	:12/631,831
(32) Priority Date	:06/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055591
Filing Date	:06/12/2010
(87) International Publication No	:WO/2011/067742
(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)BASHAN TSAFRIR
Address of Applicant :4 Nahal Zohar St. 71700 Modiin Israel
(72)**Name of Inventor :**
1)GAFNI, IZHAR
2)BASHAN, TSAFRIR

(57) Abstract :

A human powered land vehicle sufficiently rigid so as to transport a human rider constructed only from pulpably recyclable and shreddably recyclable materials.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1680/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING SIMULTANEOUS SUPPORT FOR MULTIPLE MASTER KEYS AT AN ACCESS POINT IN A WIRELESS COMMUNICATION SYSTEM•

(51) International classification :H04L 12/56
(31) Priority Document No :61/292,661
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020325
Filing Date :06/01/2011
(87) International Publication No :WO/2011/085069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)KRISHNASWAMY Dilip
2)LUNDQVIST Patrik
3)RAJAMANI Krishnan

(57) Abstract :

The described apparatus and methods include a wireless local area network (WLAN) access point having a wireless wide area network (WWAN) backhaul connection to provide a gateway between a LAN and a WAN. In one example, the access point may be a cellular telephone. Here, a processor in the access point is configured to generate a plurality of master keys, such that a plurality of access terminals may each utilize a respective one of the master keys to access the LAN. Further, the processor is configured to enable control of an allocation of resources to at least one of the access terminals.

No. of Pages : 32 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2564/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :05/11/2009

(43) Publication Date : 18/10/2013

(54) Title of the invention : A STABLE INJECTABLE PHARMACEUTICAL COMPOSITION OF ACECLOFENAC AND PROCESS FOR PREPARING THEREFORE.

(51) International classification	:A61K31/216, A61K31/155,A61K9/19
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALKEM LABORATORIES LTD.

Address of Applicant :DEVASHISH, ALKEM HOUSE,
SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI 400
013 MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. ASHOK RAMPAL.

2)RATNAKAR MEHENDRE

3)DIPTI PHADTARE.

4)SOUMEN SANTRA.

(57) Abstract :

The present invention relates to a stable injectable pharmaceutical composition comprising an aqueous solution of arginine and aceclofenac in the molar ratio of arginine to aceclofenac in the range of about 1.1:1 to about 3.4:1, having pH of about 6.5 to about 8.7, wherein the said aqueous solution is lyophilized.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1497/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CALIPER COVER DEVICE AND MOUNTING SYSTEM

(51) International classification	:F16D 65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES• NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRASAD RAVILLA
(61) Patent of Addition to Application Number	:NA	2)WINNEY K. MATHEWS
Filing Date	:NA	3)RENGARAJAN BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a removably attachable caliper cover for a disc brake system in a rear wheel of a saddle type vehicle. The caliper cover is mounted on a brake caliper and partially covers a disc, and substantially covers the brake caliper and its recesses leading to a disc-brake pad interface(s). The caliper cover also allows air cooling of brake caliper while maintaining its protective ability.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1498/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CHARY NOSE FILTER CHANGEBLE DOUBLE FILTERS WITHOUT CLIP

(51) International classification	:A62b23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THOUTI. BHOOMAIAH CHARY
(32) Priority Date	:NA	Address of Applicant :H.NO. 3-5-50 KOTAGALLY (VARNI
(33) Name of priority country	:NA	ROAD), NIZAMABAD - 503 001 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOUTI. BHOOMAIAH CHARY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Air pollution is increasing day by day. Now take breath of fresh air with chary nose filters without clip. These are a one pair small devices, these air filters are placed into inside of nostrils, each one device to each one nostril. there filtered pollution air, gives fresh air to breathing, number 2 filters without any clip out side the nose for fix it to nose. while using CHARY NOSE FILTER CHANGEBLE DOUBLE FILTERS WITH OUT CLIP, there is not appeared this device to others. We can placed these devices into the nostrils very easily, each one nostril each one filter is used with out clip to nose. It has two parts: 1) copper g ripper 2) changeable double filter nostril shaped bag It is invisible to outside when it is inside the nostrils.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : OPTICAL COHERENCE TOMOGRAPHY APPARATUS AND METHOD

(51) International classification	:A61B3/00
(31) Priority Document No	:2011-143085
(32) Priority Date	:28/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CANON KABUSHIKI KAISHA
Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
OHTA-KU, TOKYO Japan
(72)**Name of Inventor :**
1)KUROSAKA, RYOJI

(57) Abstract :

Measuring light with a wide wavelength band is used to provide a tomographic image excellent in vertical resolution. An optical coherence tomography apparatus acquiring a tomographic image of an object to be inspected based on an interference light obtained by causing a return light from a measuring light emitted onto the object to be inspected to interfere with a reference light corresponding to the measuring light, includes: a first dispersion compensation unit having a first dispersion compensation characteristic in a wavelength band of the measuring light; a second dispersion compensation unit provided onto the first dispersion compensation unit and having a second dispersion compensation characteristic in the wavelength band of the measuring light.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2526/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:H02K
(31) Priority Document No	:2011-143211
(32) Priority Date	:28/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
AICHI-KEN Japan
(72)**Name of Inventor :**
1)TATSUYA HORIBA
2)SHINICHI OKUYAMA
3)HIROSHI KOBAYASHI
4)MINORU MERA
5)HIROSHI FUKASAKU

(57) Abstract :

A securing means for an insulating member that is advantageous in improving the efficiency of assembly of a motor-driven compressor is provided. Phase wires 35U, 35V, 35W extend from an end face 231 of a stator core 23, which is closer to a compression mechanism P, are bound to form a phase wire bundle 36. The distal ends of the phase wires 35U, 35V, 35W are electrically connected together, so that a wire connecting portion 361 is formed at the distal end of the phase wire bundle 36. The wire connecting portion 361, which serves as a neutral point, is coated with an insulating tube 37 made of insulating plastic. The distal end of the insulating tube 37 is sealed. A receiving hole 38 is formed in the cluster block 32. The insulating tube 37 is fitted in the receiving hole 38. The insulating tube 37 is inserted from an entrance 381 of the receiving hole 38 that is located on an end face 322 of the cluster block 32 facing the compression mechanism P. The insulating tube 37 is secured to the cluster block 32 by contacting an inner surface 382 of the receiving hole 38.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1494/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO WATER DISPERSIBLE FORMALDEHYDE-FREE, ENVIRONMENT FRIENDLY, BIO-BASED RESIN ADHESIVE FROM CASHEW-NUT SHELL LIQUID CARDANOL

(51) International classification	:C08H1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHWANATHAN RAMAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :587, 37TH MAIN, IDEAL HOMES
(33) Name of priority country	:NA	COLONY, RAJAJESHWARI NAGAR BANGALORE - 560 098
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWANATHAN RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)JOSEPH GEORGE
Filing Date	:NA	3)SHANTHALA SREERAMULU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an environment friendly, biobased, formaldehyde-free, water-dispersible cashew-nut shell liquid and/or cardanol-formaldehyde-maleic acid resin useful as adhesive for bonding lignocellulosic materials including fibrous plant materials such as wood, bamboo, bagasse, jowar stalks, rice husks, and the like and process for preparation thereof.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1495/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTI PANTOGRAPH SINGLE CONTACT ELECTRICAL TRACTION

(51) International classification	:B60L 3/00	(71)Name of Applicant : 1)SURESH KOSURU
(31) Priority Document No	:NA	Address of Applicant :N.CH.LANKA, MOPIDEVI
(32) Priority Date	:NA	MANDAL, KRISHNA DT. - 521 125 Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SURESH KOSURU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The basic need for the traction system is, it should have two contacts to give power to the vehicle. Because of the existence of potential difference between the two contacts there is always a safety problem. The proposed system contains only one contact for all pantographs which will be always in ground potential except needed, which will ensure safety and enable low cost individual transport with jerk free. This can be used for low loads to heavy loads. The proposed system can co-exists with the oil run vehicles on the plain roads.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1496/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : VALVE ACTUATION MECHANISM FOR AN INTERNAL COMBUSTION

(51) International classification	:F01L 1/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(32) Priority Date	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMADOSS SAMBATHKUMAR
(87) International Publication No	: NA	2)VARADHA IYENGAR LAKSHMINARASIMHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present description provides a valve actuation mechanism for a four stroke internal combustion engine. Mentioned valve actuation mechanism has an exhaust split cam lobe and an intake split cam lobe where intake split cam lobe further has a primary split cam lobe and a secondary split cam lobe connected through a lift mechanism. Said lift mechanism has multiple numbers of spring units fixed neighbouring exposed ends of the primary split cam lobe and the secondary split cam lobe such that the plurality of spring units is holding parallel ends of a plurality of connecting units and passing through and holding the primary split cam lobe and the secondary split cam lobe with a predefined degree of freedom of movement.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2529/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : NETWORK MEDIA ADAPTER

(51) International classification	:H04L
(31) Priority Document No	:US13/172,464
(32) Priority Date	:29/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Address of Applicant :8500 BALBOA BOULEVARD,
NORTHRIDGE, CA 91329 U.S.A.
(72)**Name of Inventor :**
1)HUTCHINGS JEFFREY L.
2)GELTER AARON
3)GUNTHER CRAIG

(57) Abstract :

A network media adapter includes peripheral interfaces for connection to connectors of audio/video (A/V) sources and sinks to respectively receive media data from the A/V sources and to transmit media data to the AA sinks. Components are configured to syntonize or synchronize local media clocks of the AA sources and sinks to ensure media data integrity affiliated with a protocol of a media network over which the media data is transported. A quality of service (QoS)-compliant media interface is integrated in the network media adapter through which to send and receive processed A media data to and from the media network according to the protocol. Other components may be configured to process, encapsulate, and transport over the media network the media data received from the AA sources. Still other components may be configured to receive media data from the media network and decapsulate, process, and transmit the media data through one or more peripheral interfaces connected to the A/V sinks.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2530/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF DETERMINING ETRINSIC PARAMETERS OF A VEHICLE VISION SYSTEM AND VEHICLE VISION SYSTEM

(51) International classification	:G06T7/00	(71) Name of Applicant :
(31) Priority Document No	:EP11172195.7	1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH
(32) Priority Date	:30/06/2011	Address of Applicant :BECKER-GORING-STRABE 16,
(33) Name of priority country	:EPO	76307 KARLSBAD Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NATROSHVILI KOBA
(87) International Publication No	: NA	2)VACEK STEFAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to determine extrinsic parameters of a vehicle vision system (2-4), plural road lane markings (21-23) are identified in at least one image captured by a camera (2, 3) of the vehicle vision system (2-4). For each one of the plural road lane markings (21-23), a first set of parameters defining an orientation and position of a line along which the road lane marking (21-23) extends in an image plane is respectively determined. A second set of parameters defining an orientation and position of a line along which the respective road lane marking (21-23) extends in a road plane is determined. A linear transformation which, for all of the plural road lane markings (21-23; 31-33), defines a mapping between the first set of parameters and the second set of parameters is identified. The extrinsic parameters are established based on the identified linear transformation, the established extrinsic parameters defining at least an orientation of the camera (2, 3).

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1481/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMPROVING DYNAMICS OF VERTICAL AXIS WIND TURBINE

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :NO. 6, 12TH AVENUE, ASHOK
(33) Name of priority country	:NA	NAGAR, CHENNAI - 600 083 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses about a vertical axis wind turbine with isolator mechanism for eliminating dynamic instability caused by uneven forces. The isolating mechanism (5) comprises of a plurality of rotating isolators (6)/vertical support, plurality of tethering means (7), plurality of pair of horizontal members (8), plurality of pair of clamping means (9). The rotating isolators (6) are arranged close proximity to the central fixed shaft of the turbine. The plurality of clamping means (9) arranged around the rotating isolators(6) and each clamping means (9) attached with vertical blades (1) via tethering means (7), and each clamping means (9) attached with each clamping means (9) via horizontal members(8). Wherein, when the uneven wind force act on the turbine then the isolator mechanism diverts the vibration via itself to tower (2) and thereby dynamic instability is eliminated.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4792/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN ANCHOR FOR LIFTING A CONCRETE COMPONENT•

(51) International classification :E04C 5/12, E04G
21/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/AU2009/001539
Filing Date :25/11/2009

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CASNE VERIGE PTY LTD

Address of Applicant :Ground Floor 18 Dequetteville Terrace
Kent Town South Australia 5067 Australia

(72)Name of Inventor :

1)SLADOJEVIC Robert

(57) Abstract :

An anchor for use in lifting a concrete component said anchor comprising a single length of wire bent to form a head engagable with a clutch of a lifting system and a body portion for embedment with the concrete component wherein the wire is bent such that opposed legs of the body portion extend in a plane substantially perpendicular to a plane of the head portion.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4793/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR REMOVING CYTOKINES FROM BLOOD WITH SURFACE IMMOBILIZED POLYSACCHARIDES•

(51) International classification :A61K 31/70

(31) Priority Document No :61/265,675

(32) Priority Date :01/12/2009

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

(86) International Application No :PCT/US2010/058596

Filing Date :01/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EXTHERA MEDICAL LLC

Address of Applicant :817 Heinz Avenue Berkeley California

94710 United States of America

(72)Name of Inventor :

1)WARD Robert S.

2)McCREA Keith R.

3)LARM Olle

4)ADOLFSSON Lars

(57) Abstract :

The present invention is directed to a method for removing cytokines and/or pathogens from blood or blood serum (blood) by contacting the blood with a solid essentially non micro-porous substrate which has been surface treated with heparin heparan sulfate and/or other molecules or chemical groups (the adsorbent media or media) having a binding affinity for the cytokine or pathogen(s) to be removed (the adsorbates) and wherein the size of the interstitial channels within said media is balanced with the amount of media surface area and the surface concentration of binding sites on the media in order to provide adequate adsorptive capacity while also allowing relatively high flow rates of blood through the adsorbent media.

No. of Pages : 40 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4794/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : QUICK CONNECTION TERMINAL DEVICE

(51) International classification	:H01R 9/22, H01R 4/48
(31) Priority Document No	:2009-276748
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071435
Filing Date	:01/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)Panasonic Corporation
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)Name of Inventor :
1)Hirohisa OKUNO
2)Kiwamu SHIBATA
3)Yoko FUJIWARA
4)Kuniyasu SHIMAOKA
5)Maki KONDOU
6)Naoki KANEMOTO
7)Tetsuyasu KAWAMOTO
8)Katsuya IMAI

(57) Abstract :

The quick connection terminal device includes a terminal block; and a housing which has an electrical cable insertion hole and houses the block. The block includes a terminal plate including a contact part having a contact surface in contact with a side of the cable inserted into the housing via the hole; and a locking spring including a central part opposite to the contact surface a locking part which extends toward the contact surface of the contact part from a first end of the central part close to the hole and holds the cable between the locking part and the terminal plate a touching part in contact with a surface of the contact part opposite from the contact surface and a connection part integrally connecting the touching part to a second end of the central part far from the hole.

No. of Pages : 38 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4796/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SUBSTRATE OF POLYMERIC MATERIAL AND METHOD OF CARRYING OUT THEREOF

(51) International classification	:A61L15/46, A61L15/44, A61L27/54	(71)Name of Applicant : 1)MOSES S.R.L Address of Applicant :Via die Paceri 84/B 7891 ALCIANO Republic of San Marino (SM)
(31) Priority Document No	:PCT/SM2009/000009	(72)Name of Inventor :
(32) Priority Date	:03/11/2009	1)GUALANDI Chiara
(33) Name of priority country	:PCT	2)FOCARETE Maria Letizia
(86) International Application No	:PCT/SM2009/000009	3)ZUCCHELLI Andrea
Filing Date	:03/11/2009	4)IABICHELLA Maria Letizia
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A substrate of polymeric material containing at least an oleous antimicrobial and/or helping tissue regeneration substance that is selected from Hyperforin Adhyperforin 1-3 Diapigenin 11-8 Diapigenin Rutin Quercetin Hypericin Azadirachtin a- Nimbin Nimbidin Salanin Gallic Acid Gedunin and their blends.

No. of Pages : 9 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1521/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : VISIBLE DETECTION OF QUANTITY OF WATER FLOW USING QUANTUM CLUSTERS

(51) International classification	:B82Y30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THALAPPIL PRADEEP
(87) International Publication No	: NA	2)ANNAMALAI LEELAVATHI
(61) Patent of Addition to Application Number	:NA	3)MOHAN UDHAYA SANKAR
Filing Date	:NA	4)CHAUDHARY AMRITA
(62) Divisional to Application Number	:NA	5)ANSHUP
Filing Date	:NA	6)THUMU UDAYABHASKARARAO

(57) Abstract :

This invention articulates the preparation of silver quantum clusters embedded in organic-templated-boehmite-nanoarchitecture (OTBN) and its use as a sensor for quantity of water flow measured by change of colour in visible light upon flow of contaminated water. Silver quantum clusters-embedded OTBN are highly luminescent. Since the quantum clusters are embedded in the matrix, they are highly stable over a long period of time (a minimum of 6 months) while monolayer protected silver quantum clusters are usually unstable and undergo self-decomposition in short time (within a week at ambient conditions). OTBN has already been described as a useful water treatment composition in our previous patent applications (1529/CHE/2010, 947/CHE/2011, 1522/CHE/2011, 4062/CHE/2011 and 4300/CHE/2011). The composition described here is utilized in the form of a device for visible light color change-based detection upon passage of water through a water purification device. The detection of quantity of water flow is due to unique interaction between luminescent silver clusters and ions present in water. Upon interaction with ions present in water, luminescent silver clusters undergo chemical transformation to Ag₂S nanoparticles. The transformation is reflected in the form of visible color change (from pink to black) and luminescence quenching (from red emission to negligible luminescence).

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1522/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOBILE BILLBOARD FOR AUTOMOBILES

(51) International classification	:G09F 21/00	(71) Name of Applicant : 1)ELUKURTHI VALMIK
(31) Priority Document No	:NA	Address of Applicant :HOUSE NO.15-9-26,
(32) Priority Date	:NA	RAMANNAPETA, WARANGAL - 506 002 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ELUKURTHI VALMIK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device employed in vehicles, particularly auto rickshaws as mobile billboard. The device is suited particularly for three side visibility of the advertisements placed on the billboard and has the advantage of day and night visibility. It is specifically suitable for use in Indian market as the same is made of waterproof material and is also dustproof. Hence it can be used in all the seasons.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1523/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DOCUMENT ANALYSIS SYSTEM

(51) International classification	:G06F17/00	(71)Name of Applicant : 1)OMPRAKASH N SRINGERI
(31) Priority Document No	:NA	Address of Applicant :#2788,16 CROSS, 8B MAIN,
(32) Priority Date	:NA	BANASHANKARI II STAGE, BENGALORE - 560 070
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor : 1)OMPRAKASH N SRINGERI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Document Analysis System is an application developed to make the process of document analysis easier. The application is generally deployed on an Application Server. Using this application, documents can be analyzed by studying various documents, identifying the features, naming them, defining the inter-relationships among them etc. After the analysis, a report can be generated containing the components/features of the documents, inter-relationships among them and may also contain other relevant data. This generated report may then be viewed. It may also be printed using a printer attached to the server in the Document Analysis System. And the report may also be sent to the client computers as an e-mail or through FTP etc.

No. of Pages : 36 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4818/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING TRANSMITTING AND RECEIVING A DATA FRAME IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/04
(31) Priority Document No :10-2009-0106151
(32) Priority Date :04/11/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007740
Filing Date :04/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Address of Applicant :161 Gajeong-dong Yuseong-gu Daejeon 305-350 Republic of Korea
(72)**Name of Inventor :**
1)CHOI Jeeyon
2)PARK Jaewoo
3)LEE Sok-Kyu

(57) Abstract :

The present invention relates to a technique relating to a method and apparatus for generating transmitting and receiving a data frame having a newly proposed format in a wireless communication system. According to the technique the method for generating a data frame in a wireless communication system comprises the following steps: generating at least one first subframe; generating at least one second subframe; and generating a data frame including the first and second subframes wherein the first and second subframes include length information of a MAC protocol data unit (MPDU) contained in the first and second subframes and the length information of the MPDU contained in the second subframe is zero.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4824/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TWO ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE

(51) International classification	:C08F 4/651
(31) Priority Document No	:61/265,931
(32) Priority Date	:02/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058262
Filing Date	:03/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dow Global Technologies LLC
Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.
(72)**Name of Inventor :**
1)COALTER Joseph N. III
2)LEUNG Tak W.
3)TAO Tao
4)GAO Kuanqiang

(57) Abstract :

A solid hydrocarbon-insoluble catalyst component useful in polymerizing olefins said catalyst component containing magnesium titanium and halogen and further containing an internal electron donor having a structure: [R1-O-C(O)-O-]—+R2 wherein R1 is independently at each occurrence an aliphatic or aromatic hydrocarbon or substituted hydrocarbon group containing from 1 to 20 carbon atoms; — is 2-4; and R2 is an aliphatic or aromatic hydrocarbon or substituted hydrocarbon group containing from 1 to 20 carbon atoms provided that there are 2 atoms in the shortest chain connecting a first R1 O C(O)-O- group and a second R1-O-C(O)-O- group.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4825/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ADDUCTS BASED ON DIVINYLARENE OXIDES

(51) International classification :C08G 59/18

(31) Priority Document No :61/266,376

(32) Priority Date :03/12/2009

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

(86) International Application No :PCT/US2010/058543

Filing Date :01/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Dow Global Technologies LLC

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)MARKS Maurice J

(57) Abstract :

A polyamine adduct including the reaction product of (a) a divinylarene dioxide and (b) an excess of a polyamine to provide an adducted polyamine composition; a process for making the adduct; a curable epoxy resin composition including (i) the adduct derived from divinylbenzene such as divinylbenzene dioxide (DVBDO) (ii) at least one epoxy resin and (iii) optionally a co-curing agent and/or a catalyst; and a cored product made from said curable epoxy resin composition. The cured product made from the curable epoxy resin composition is thermally stable and offers improved properties such as a low viscosity and a high heat resistance.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4826/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CATALYST SYSTEMS FOR RUBBER POLYMERIZATIONS

(51) International classification :C08F 4/70

(31) Priority Document No :61/265,887

(32) Priority Date :02/12/2009

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

(86) International Application No :PCT/EP2010/007299

Filing Date :01/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Styron Europe GmbH

Address of Applicant :Bachtobelstrasse 3 CH-8810 Horgen
Switzerland

(72)Name of Inventor :

1)RUEHMER Thomas D.

(57) Abstract :

The invention provides a catalyst system comprising: A) cobalt II carboxylate, and B) at least one co-catalyst of the following Structure A: wherein n is from 1 to 10, preferably from 1 to 6, and more preferably from 1 to 4; each R is independently an alkyl. The invention also provides a catalyst system comprising: A) cobalt II carboxylate; and B) the reaction product of at least the following components: i) trialkyl aluminum, ii) dialkyl aluminum chloride, iii) water, and wherein the molar ratio of aluminum to chloride (A1:C1) is less than 1 (preferably 0.7 to 0.2), the molar ratio of water to aluminum (H₂O:A1) is from 0.5 to 0.92 (preferably from 0.55 to 0.75), and the molar ratio of trialkyl aluminum to dialkyl aluminum chloride from 0.5 to 5 (preferably from 1 to 5). The invention also provides a catalyst complex comprising the following: a) CoRCl(2.X)Cl(x), wherein x is from 0.01 to 1, preferably from 0.1 to 1; and RD is a carboxylate; b) (n-m)R₂R₃AlCl mR₁Al, wherein n is from 1 to 12, preferably from 1 to 6; m is from 1 to 10, preferably from 1 to 4; and n is greater than, or equal to, m; and R₁, R₂ and R₃ are each independently an alkyl; and c) n/k H₂O, wherein k is from 1.5 to 11, preferably from 1.5 to 4.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4827/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SELF-PARAMETERISING RFID ANTENNA EXTENDER

(51) International classification :G06K 7/00

(31) Priority Document No :0958541

(32) Priority Date :01/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/067213

Filing Date :10/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Malmaison France

(72)Name of Inventor :

1)CHAUVET Francis

(57) Abstract :

The invention relates to an antenna extender (20) intended to be coupled electromagnetically to an RFID read/write station (10) said extender (20) comprising a first circuit (21) oscillating at variable frequency and a second oscillating circuit (31) coupled to the first oscillating circuit (21). The extender comprises a processing unit (35) which is powered by energy supplied by the second oscillating circuit when the extender is placed close to the read/write station (10). The processing unit includes means for measuring voltage at the terminals of the second oscillating circuit and control means that can be used to vary the resonance frequency of the first oscillating circuit as a function of the value of the measured voltage in order to optimize the frequency tuning between the extender and the read/write station.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4819/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ROAD SHELTERING AND OPTIMIZATION

(51) International classification	:E01F7/02
(31) Priority Document No	:61/262,398
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057136
Filing Date	:18/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Raymond RACZKOWSKI

Address of Applicant :1385 Warwick Lincoln Park Michigan
48146 United States of America

(72)Name of Inventor :

1)Raymond RACZKOWSKI

(57) Abstract :

A structure for sheltering and optimizing highway systems includes an arcuate structure extending over a highway and a cover over the structure to create an enclosure. The enclosure protects the highway and users of the highway from rain snow and sun while the surrounding scenery remains visible to drivers. A number of different additions optimize use of the highway. For example a plurality of solar panels are layered on the cover and wind turbines are used to create usable energy an air current generation system reduces wind resistance on vehicles to increase gas mileage and an elevated rail system transports many persons great distances along the highway.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4820/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A GRID OSCILLATION ANALYSIS METHOD AND APPARATUS THEREFOR

(51) International classification :H02J 3/24

(31) Priority Document No :0920206.0

(32) Priority Date :18/11/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/051922

Filing Date :18/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PSYMETRIX LIMITED

Address of Applicant :5th Floor 7 Castle Street Edinburgh
EH2 3AH United Kingdom.

(72)Name of Inventor :

1)WILSON Douglas

(57) Abstract :

A method for determining the contribution of a grid subsystem (12) to oscillations in grid frequency experienced by an external electrical grid (14) in an electrical power network (10). A measurement of grid frequency is taken in the grid subsystem (12) and/or the external electrical grid (14). The measurement(s) of grid frequency can be used to extract oscillations in grid frequency in the grid subsystem (12) and/or the external electrical grid (14). A measurement of active power is recorded on a transmission line (16c) between the grid subsystem (12) and the external electrical grid (14). The phase relationship between the oscillations in grid frequency and the oscillations in active power allows the contribution of the grid subsystem (2) to oscillations in grid frequency in the external electrical grid (14) to be determined.

No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4821/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXTRUDED MOLDED FUNCTIONAL BODIES MADE OF HIGHLY THERMALLY CONDUCTIVE CERAMIC

(51) International classification	:C04B 35/581
(31) Priority Document No	:102009047412.9
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068717
Filing Date	:02/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Germany
(72)**Name of Inventor :**
1)GNTHNER Gerhard
2)SCH-LER Axel
3)DOHN Alexander
4)THIMM Alfred

(57) Abstract :

The invention relates to molded functional bodies made of highly thermally conductive materials namely aluminium nitride to a method for the production thereof by way of extrusion and to the use thereof.

No. of Pages : 12 No. of Claims : 12

(54) Title of the invention : FREE-HORIZON BINOCULAR IMAGE DISPLAY DEVICE WITH INTEGRATED VIDEO SIGNAL SOURCE

(51) International classification :G02B 27/01
 (31) Priority Document No :P0900696
 (32) Priority Date :05/11/2009
 (33) Name of priority country :Hungary
 (86) International Application No :PCT/HU2010/000118
 Filing Date :04/11/2010
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)L-RINCZ Sndor

(72)Name of Inventor :

1)HOLAKOVSKY Ljuzl³

(57) Abstract :

The present invention relates to a binocular display device with an integrated video signal source, comprising a case (2) arranged above the level of eye (17), preferably at the level of the eyebrows or in front of the forehead, a transversal console (4) arranged below the level of eye (17), two image display blocks (5a, 5b) fixed to the transversal console (4), a bridging element (3) adapted to rigidly connect a bottom central part of the case (2) to a central part of the transversal console (4), said bridging element being arranged between the two eyes (16) and extending immediately adjacent to the head (8) and leaning, at its lower end, directly or indirectly against the nose ridge, a video signal source (6) arranged in the case (2), a plurality of wires (7) extending from the video signal source (6) through the bridging element (3) and the transversal console (4) to the displays (10) accommodated in the image display blocks (5a, 5b), and a pair of flexible clamping stems (1) for securing the device to two sides of the head (8).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4823/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : THREE AND FOUR ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE

(51) International classification :C08F 4/651
(31) Priority Document No :61/265,934
(32) Priority Date :02/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058273
Filing Date :30/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.
(72)Name of Inventor :
1)COALTER Joseph N. III
2)LEUNG Tak W.
3)TAO Tao
4)GAO Kuanqiang

(57) Abstract :

A solid hydrocarbon-insoluble catalyst component useful in polymerizing olefins said catalyst component containing magnesium titanium and halogen and further containing an internal electron donor having a structure: $[R1-O-C(O)-O-]_xR2$ wherein R1 is independently at each occurrence an aliphatic or aromatic hydrocarbon or substituted hydrocarbon group containing from 1 to 20 carbon atoms; x is 2-4; and R2 is an aliphatic or aromatic hydrocarbon or substituted hydrocarbon group containing from 1 to 20 carbon atoms provided that there are from 3 to 4 atoms in the shortest chain connecting a first R1-O-C(O)-O- group and a second R1-O-C(O)-O- group.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1464/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING MILNACIPRAN

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)RA CHEM PHARMA LIMITED Address of Applicant :PLOT NO. 26 & 27, TIE BALANAGAR, HYDERABAD - 500 037 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)BALASUBRAMANIAM JAGDISH
Filing Date	:NA	2)MUNIYAPPAN THILEK KUMAR
(87) International Publication No	: NA	3)VIJAYA RAJESH KUMAR YELCHURI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pharmaceutical composition comprising Milnacipran or its pharmaceutically acceptable salts and a superdisintegrant in amount of 0.1% to 50%, preferably 2% to 20% by weight of the composition.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4830/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : FAUJASITE ZEOLITE PREPARATION PROCESS

(51) International classification :B01J 29/08
(31) Priority Document No :09177936.3
(32) Priority Date :03/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068553
Filing Date :30/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.**
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(72)Name of Inventor :
1)DOMOKOS L;szl³
2)KIJLSTRA Wiebe Sjoerd
3)ONG Lay Hwa
4)CREYGHTON Edward Julius

(57) Abstract :

Process for the preparation of a faujasite zeolite which process comprises (a) providing a starting zeolite of the fau - jasite structure having a silica to alumina ratio of from 4.5 to 6.5 and an alkali level of less than 1.50 owt; (b) steam calcination by treating said starting zeolite at a temperature in the range of from 550 to 750 C and at a partial pressure of steam in the range of from 5 to 50 vol^oo, basis total gas present, for a time effective to produce an intermediate zeolite having a unit cell size of from 24.40 to 24.50 A; (c) contacting the intermediate zeolite with an acidified solution comprising of from 4 to 9 mmole of acid having a pKa below 0 per gram of zeolite and optionally an ammonium salt under conditions effective to produce a zeolite having a unit cell size in the range of from 24.42 A to 24.52 A; a SAR in the range of from 10 to 15; and a surface area of from 910 to 1020 m²/g; and (d) recovering said zeolite.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4831/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR ADVERTISEMENT DELIVERY FROM ELECTRONIC DATA STORAGE DEVICES

(51) International classification :G06Q 30/00

(31) Priority Document No :61/285,117

(32) Priority Date :09/12/2009

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

(86) International Application No :PCT/US2010/059519

Filing Date :08/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :1190 Saratoga Ave. Suite 240 San Jose CA 95129 United States of America

(72)Name of Inventor :

1)RAMCHANDRAN Amit

2)ZARKESH Amir Masoud

(57) Abstract :

A system method and computer program product for delivering advertisements via electronic data storage devices including an electronic data storage device including a memory a controller processor and a pre-loaded target advertisement; and a host device coupled to the electronic data storage device. The controller processor or an additional processor is configured to deliver the target advertisement to the host device by inserting or overlaying the target advertisement in a target file as the host device reads the target file from the electronic data storage device.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4832/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMMUNICATION SYSTEM COMPACT BASE STATION AND COMMUNICATION METHOD

(51) International classification :H04W 92/20
(31) Priority Document No :2009-255326
(32) Priority Date :06/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069339
Filing Date :29/10/2010
(87) International Publication No : NA
(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)MOCHIDA Eiji
2)YAMAMOTO Hirotsugu
3)MURAKAMI Kenichi

(57) Abstract :

A communication system (1) includes a mobile communication network (2); a fixed communication network (3) connected to the mobile communication network (2); and a plurality of radio base stations capable of communicating with a mobile terminal (100) by radio communication. The radio base stations include a first base station (41, 42) connected to the mobile communication network (2); and second base stations (51, 52) connected to the fixed communication network (3) through wire communication lines (61, 62). A communication connection using a predetermined interface is established between one of the second base stations (51) and one of neighboring base stations (the first base station (42) and another one of the second base stations (52)) located in the neighborhood of the one of the second base stations (51).

No. of Pages : 78 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4833/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : VIDEO MONITORING SYSTEM AND CONTROL METHOD THEREOF

(51) International classification :H04N 7/18
(31) Priority Document No :200910174486.X
(32) Priority Date :06/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078355
Filing Date :02/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Xuewen LIU
2)Zeming ZHONG
3)Liang WANG

(57) Abstract :

The present invention discloses a video monitoring system and a control method thereof wherein the method includes: a signaling interface gateway respectively receiving a control signaling from a digital video monitoring system and/or an analog video monitoring system; and respectively converting the control signaling from the digital video monitoring system and/or the control signaling from the analog video monitoring system via the signaling interface gateway. The method and system of the present invention enable the analog video monitoring system and the digital video monitoring system to control each other and use each otherTMs resources.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4875/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A LITHOGRAPHIC PRINTING PLATE PRECURSOR

(51) International classification	:B41C 1/10
(31) Priority Document No	:09177986.8
(32) Priority Date	:04/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068850
Filing Date	:03/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)LOCCUFIER Johan
2)LINGIER Stefaan
3)JANSSENS Heidi

(57) Abstract :

A positive-working lithographic printing plate precursor is disclosed which comprises on a support having a hydrophilic surface or which is provided with a hydrophilic layer a heat and/or light- sensitive coating including an infrared absorbing agent said heat and/or light-sensitive coating comprising a first layer comprising a binder including a monomeric unit including a sulfonamide group; characterized in that the binder further comprises a monomeric unit including a phosphonic acid group or a salt thereof and that the monomeric unit comprising the phosphonic acid group is present in an amount comprised between 2 mol% and 15 mol%.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4876/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTRONICALLY CONTROLLED FOCUSING OPHTHALMIC DEVICE

(51) International classification :G02C 7/08

(31) Priority Document No :61/266,712

(32) Priority Date :04/12/2009

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

(86) International Application No :PCT/EP2010/068878

Filing Date :03/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BERGE Bruno

(57) Abstract :

According to a first aspect the invention relates to an electrically controlled focusing ophthalmic device (43) to be worn by a user comprising: - at least one active liquid lens comprising a liquid/liquid interface movable by electrowetting under the application of a voltage - a driver for applying a DC voltage to said active liquid lens the amplitude of the voltage to be applied being a function of the desired focusing; - a sensor (41) for detecting eyelid closing events and/or microsaccades of the user; - a controller for synchronizing said sensor and the driver such that the driver may reverse the polarization of the DC voltage during a microsaccade and/or an eyelid closing event of the user.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4877/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE FOR SIMULTANEOUSLY LOCKING THE ROTATION OF TWO ADJACENT BACKRESTS OF A MOTOR VEHICLE SEAT

(51) International classification	:B60N 2/36
(31) Priority Document No	:095775 1
(32) Priority Date	:03/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052348
Filing Date	:02/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEBRETON Pierre
2)GUENET Mathieu

(57) Abstract :

The invention relates to a device (D) for locking two adjacent backrests (DS1 DS2) which can be folded and have a frame (AD1-AD2) of a seat (SI) of a motor vehicle. Said device (D) includes a shaped rod (TC) rotatably mounted on an element (TP) of the motor vehicle in a location immediately adjacent to two adjacent portions (PA1-PA2) of the frameworks (AD1-AD2) when in the straight position in order to adopt a locking position in which said device prevents the forward rotation of either one of the two backrests (DS1-DS2) by retaining the portion (PA1-PA2) of the framework(s) (AD1-AD2) thereof or an unlocking position in which said device allows a forward rotation of either one of the two backrests (DS1-DS2) by releasing the portion (PA1-PA2) of the framework(s) (AD1-AD2) thereof.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4878/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TECHNIQUE OF FRACTURING WITH SELECTIVE STREAM INJECTION

(51) International classification :E21B 43/26

(31) Priority Document No :61/266,659

(32) Priority Date :04/12/2009

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

(86) International Application No :PCT/US2010/055203

Filing Date :03/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :P.O. Box 71 Craigmuir Chambers
Road Town Tortola British Virginia

(72)Name of Inventor :

1)CARO Diana Paola Olarte

2)YEGUEZ Renny

(57) Abstract :

A technique facilitates enhanced hydrocarbon recovery through selective stream injection. The technique employs a system and methodology for combining a fracturing technique and application of selective injection streams. The selective injection streams are delivered to select individual subterranean layers until a plurality of unique subterranean layers are fractured to enhance hydrocarbon recovery.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4879/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR WARM BODY PRESENCE DETECTION

(51) International classification :G01J 5/00

(31) Priority Document No :201915

(32) Priority Date :04/11/2009

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2010/000916

Filing Date :04/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THIRD EYE SYSTEMS LTD.

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Israel

(72)Name of Inventor :

1)SEGAL Lior

2)MOTOLA Yoel

(57) Abstract :

A system and method for warm body presence detection the system comprising a detection unit comprising a light focusing unit for absorbing light from an inspected region; and a thermal detection unit for receiving the absorbed light sensing infrared radiation and generating a signal indicative of the sensed infrared radiation; and a processing unit for analyzing the generated signal and deciding based on the analysis whether a warm body presence has been detected. The method for warm body presence detection comprises receiving and analyzing by a processing unit inputs from a short wavelengths thermal detector and a long wavelengths thermal detector the inputs comprise indications of the amount of emitted infrared radiation in the respective wavelength ranges inspected by each thermal detector and deciding that a warm body presence has been detected in case the emitted infrared radiation values detected by both thermal detectors correspond to predefined values.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4870/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A HYDROGEN OR OXYGEN ELECTROCHEMICAL PUMPING CATALYTIC MEMBRANE REACTOR AND ITS APPLICATIONS•

(51) International classification	:C07C209/00
(31) Priority Document No	:104812
(32) Priority Date	:06/11/2009
(33) Name of priority country	:Portugal
(86) International Application No	:PCT/IB2010/055045
Filing Date	:05/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)CUF - QU• MICOS INDUSTRIAIS S.A.
Address of Applicant :Quinta da Indústria Bedudo P-2860-680 Estarreja Portugal
(72)Name of Inventor :
1)MAGALHES MENDES Adlio Miguel

(57) Abstract :

The present invention describes a new type of chemical reactor, described as hydrogen or oxygen electrochemical pumping catalytic membrane reactor. This new type of reactor is particularly suitable for increasing the selectivity and the conversion rate of dehydrogenation, hydrogenation, deoxidation and oxidation reactions and namely in the direct amination reaction of hydrocarbons. This reactor can be used for the production of several chemical compounds, such as the direct amination of hydrocarbons and in particular for the synthesis of aniline from benzene. In this application, wherein hydrogen is removed by electrochemical pumping of the hydrogen formed or by oxygen pumping so, as hydrogen is formed, it is oxidized. This new reactor exhibits benzene to aniline conversion higher than 40 %.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4871/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMPROVED SILVER OXIDE FORMULATIONS

(51) International classification :A61K33/38

(31) Priority Document No :61/258,598

(32) Priority Date :06/11/2009

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

(86) International Application No :PCT/US2010/055757

Filing Date :07/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)AIDANCE SKINCARE AND TOPICAL SOLUTIONS
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(72)Name of Inventor :

1)WEISSMAN Aharon

2)ANTELMAN Perry

3)LAMPERT Shalom

(57) Abstract :

A formulation including at least one silver oxide including a silver(II) oxide the silver(II) oxide having an irregular macrocrystal structure the silver oxide having an average particle size (D50) below 8 micrometers the irregular macrocrystal structure characterized by a diffraction peak in a {111} diffraction plane having at least one of the following structural properties: (i) a measured full width half maximum (FWHM) of the peak being at least 0.24 degrees of 2 θ ; and (ii) a net full width half maximum (net FWHM) of the peak being at least 0.14 degrees of 2 θ .

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4872/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS FOR PREPARING ISOCYANATES

(51) International classification :C07C263/00

(31) Priority Document No :09178079.1

(32) Priority Date :04/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/068811

Filing Date :03/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

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(72)Name of Inventor :

1)MATTKE Torsten

2)STR-FER Eckhard

3)LESCHINSKI Julia

4)ABDALLAH Radwan

5)FRANZKE Axel

6)BOCK Michael

(57) Abstract :

Process for preparing aromatic isocyanates by reacting the corresponding formamides with an oxygen-comprising gas over noble metal catalysts at temperatures of from 300 to 600°C and a contact time of from 1 to 1000 ms wherein: a. the formamide is vaporized before entering the reaction zone b. the reaction mixture obtained is quenched with an alcohol-comprising quenching liquid and c. the urethane formed is dissociated into isocyanate and alcohol.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4873/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : OCEAN DRIVEN ENERGY PLANT

(51) International classification :F03B 13/12

(31) Priority Document No :61/266,961

(32) Priority Date :04/12/2009

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

(86) International Application No :PCT/US2010/058995

Filing Date :03/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HENRY Terry

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75135 U.S.A.

(72)Name of Inventor :

1)HENRY Terry

(57) Abstract :

A power generation device 10 includes an water blanket 12 comprising a plurality of pods 18 arranged in a grid for floating on the surface of a body of water. Ball joints 20 and hydraulic cylinders 22 couple each of the pods 18 to adjacent pods 18. Motors 48 are coupled to the hydraulic cylinders such that a flow of hydraulic fluid created by expansion and compression of the cylinders due to movement of the pods 18 causes rotational motion in the motor 48. Generators are coupled to respective motors to generate electricity from the rotational motion of the motors. Power from the ocean blanket can be supplemented with wind turbines 17, water paddles 24, water turbines 32 and solar cells 28.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4874/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ULTRASOUND DIAGNOSTIC APPARATUS AND ULTRASOUND DIAGNOSTIC METHOD

(51) International classification	:A61B 8/08
(31) Priority Document No	:2010-228284
(32) Priority Date	:08/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005568
Filing Date	:03/10/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Panasonic Corporation
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)**Name of Inventor :**
1)TOJI Bunpei

(57) Abstract :

An ultrasound diagnostic apparatus (150) which observes an inside of a body of a subject based on reflected ultrasound waves (201) reflected from the inside of the body and obtained using an ultrasound probe (101), includes: a B-mode image generation unit (104) which generates a B-mode image (202), based on the reflected ultrasound waves (201); a blood flow image generation unit (105) which generates, based on the reflected ultrasound waves (201), a blood flow image (203) representing a region of the body in which blood flows; a lumen contour extraction unit (106) which extracts a lumen contour (402) of a blood vessel, based on the blood flow image (203); a provisional adventitia contour setting unit (107) which sets a provisional adventitia contour (407) containing the lumen contour (402); and an adventitia contour extraction unit (108) which extracts an adventitia contour (401) of the blood vessel, using the B-mode image (202), and using the provisional adventitia contour (407) as an initial contour.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1359/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A STABLE SYNERGISTIC PHARMACEUTICAL COMPOSITION COMPRISING COMBINATION OF LEVOCETIRIZINE AND RANITIDNE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FOURRTS (INDIA) LABORATORIES PVT. LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO.1, FOURRTS AVENUE,
(33) Name of priority country	:NA	ANNAI INDIRA NAGAR, OKKIYAM THORAIPAKKAM
(86) International Application No	:NA	CHENNAI - 600 097 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SEKHARIPURAM VISWANATHAN VEERRAMANI
(61) Patent of Addition to Application Number	:NA	2)RADHA VEIRRAMANI
Filing Date	:NA	3)SATISH KONDAKATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a bilayer pharmaceutical tablet composition comprising Levocetirizine and Ranitidine along with pharmaceutically acceptable excipients, useful in the treatment of allergic conditions and urticarial. The invention further discloses the process for preparation of the bilayer tablet.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1505/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A FLOAT ACTUATED SWITCH

(51) International classification	:H01H35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEERAM PARAMBIL MUHAMMAD
(32) Priority Date	:NA	Address of Applicant :CHEERAM PARAMBIL HOUSE,
(33) Name of priority country	:NA	BEHIND SUBSTATION, KALYANI KAVU ROAD, KALADI
(86) International Application No	:NA	(POST OFFICE), PIN - 679 582 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHEERAM PARAMBIL MUHAMMAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A float actuated switch comprising an electrical switch of flip flop/toggle type mounted on base to control the liquid level in a storage tank is described; the said switch has a pivoted lever as its operating member which is actuated by a guided float through a push-pull member in such a way that when the level of liquid on which the said float remains reaches a predetermined upper limit the float causes the said lever to move up to actuate the said switch to switch off the circuit and when the level of liquid reaches a predetermined lower limit the float causes the said lever to move down and the switch is actuated to switch on the electrical circuit; the cycle is repeated at the upper and lower limits of the level of the said liquid.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1506/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ROTATING GLOBE BY SPEED REDUCER MECHANISM

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)E. VINOTHKUMAR
(32) Priority Date	:NA	Address of Applicant :75/2, RAMASAMY DESIKAR
(33) Name of priority country	:NA	STREET, SALAVENPET, VELLORE - 632 001 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)E. VINOTHKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The art of Engineering in making new ways of implementing the formatted designs the inspiration made me to suggest the kind of way to make the execution as an engineer I am having the point of view in engineering solutions and right way to finish the fabrication of flexible speed reducer mechanism at any angle to rotate the globe. I can suggest these symbolic project can be used in execution of Globalized functions, trade shows, also in international corporated themes. The various ideas to make the possible ways to rotate the globe by providing different kinds mechanism. The type of speed reducer mechanisms are been engaged in part of the globe, the mode of running according to given position of the inclination. My aim is to fabricate project for next progressive implements can be made as possible.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1507/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN IMPROVED STRAINER DEVICE USED IN PIPE LINE SYSTEM

(51) International classification	:E04D13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T. RADHAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :13(OLD NO.9) SABAPATHI
(33) Name of priority country	:NA	STREET, K.K. PUDUR, COIMBATORE - 641 038 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T. RADHAKRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved strainer device used in pipe lines system to separate the debris from the fluid. More particularly the strainer device according to the invention is compact in shape and provided with a chamber for debris from where the accumulated debris can be removed easily. The strainer device according to the invention is constructed without flanges and provided with means for compact fitting of the strainer device in the pipe line system.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4882/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF PRODUCING A COMPOSITE SHELL STRUCTURE

(51) International classification :B29C 70/48
(31) Priority Document No :09180341.1
(32) Priority Date :22/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070510
Filing Date :22/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LM GLASFIBER A/S
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Denmark.
(72)Name of Inventor :
1)FREDERIKSEN Henrik

(57) Abstract :

A method of producing a composite shell structure in form of a wind turbine blade shell part comprising a reinforced fibre material embedded in cured resin comprising: mould part having a mould part moulding surface with contour defining outer surface of the composite shell structure; providing preform forming part having preform forming surface being shaped complementary to mould part moulding surface; forming preform comprising fibre material on the preform forming surface; bringing mould part and preform forming part together to an assembled position so that mould part moulding surface faces preform forming surface; transferring preform to mould part by releasing preform from preform forming surface so that it is received on moulding surface; removing the preform forming part from mould part; forming mould cavity by means of second mould part arranged on preform providing resin in mould cavity and curing and/or allowing resin to cure.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4883/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A BREWING METHOD

(51) International classification	:C12C 5/00
(31) Priority Document No	:09175967.0
(32) Priority Date	:13/11/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/067297
Filing Date	:11/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVOZYMES A/S

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(72)Name of Inventor :

1)FREDERIKSEN Anne Mette Bhatia

2)BEIER Lars

3)KREISZ Stefan

(57) Abstract :

A method of mashing comprising providing a grist comprising malt and adjunct; and contacting the grist with a pullulanase; an alpha amylase; and a maltogenic alpha amylase and/or a beta amylase to make a wort. An enzyme composition comprising a pullulanase; an alpha amylase; and a maltogenic alpha amylase and/or a beta amylase and the use of these enzymes in brewing is disclosed.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4884/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CREATING SPIN-TRANSFER TORQUE IN OSCILLATORS AND MEMORIES

(51) International classification :H01L 29/82

(31) Priority Document No :61/285,332

(32) Priority Date :10/12/2009

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

(86) International Application No :PCT/US2010/059743

Filing Date :09/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SLONCZEWSKI John Casimir

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(US). U.S.A.

(72)Name of Inventor :

1)SLONCZEWSKI John Casimir

(57) Abstract :

A structure (110 120) includes an electrically conductive material (114) possessing spontaneous magnetization (free magnet) not in contact with an electrically resistive material (112) possessing spontaneous magnetization (pinned magnet) and a spacer (113) having free electrons to transfer spin between the electrically resistive material (112) and the electrically conductive material (114). During operation an existing direction of spin moment (S_{fm}) of the free magnet (114) is changed to a new direction by a spin current generated by transfer of heat between at least the spacer (113) and the pinned magnet (114). The new direction of spin moment of the free magnet (114) is sensed. Structures having an easy axis of magnetic anisotropy in the free magnet (114) implement memories that write data by transferring heat. Structures having an easy plane of magnetic anisotropy in the free magnet (114) implement oscillators that generate an oscillating signal upon transfer of heat.

No. of Pages : 63 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4886/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTRONIC BALLAST WITH POWER THERMAL CUTBACK

(51) International classification :H05B 41/298
(31) Priority Document No :61/286498
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055335
Filing Date :22/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA Netherlands
(72)Name of Inventor :
1)FAN Yuhong
2)GANESH Arun
3)LUO Guangyi

(57) Abstract :

An electronic ballast with power thermal cutback including an electronic ballast operably connected to provide power to a lamp the electronic ballast having a PFC converter (HO) operable to receive a PFC input voltage (112) and operable to provide a DC bus voltage on a DC bus (114); a DC/AC converter (120) operable to receive the DC bus voltage from the DC bus (114) and to provide AC power (122) to the lamp (140) at an AC output frequency; a compensator (130) responsive to an electronic ballast condition parameter the compensator (130) being operable to provide a compensator signal to at least one of the PFC converter (110) and the DC/AC converter (120). At least one of the PFC converter (110) and the DC/AC converter (120) is responsive to the compensator signal to reduce the power to the lamp (140) when the electronic ballast condition parameter passes a threshold.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4887/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SIGNAL PROCESSING APPARATUS AND METHOD FOR PHONOCARDIOGRAM SIGNAL

(51) International classification :A61B 7/04
(31) Priority Document No :9179922.1
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055768
Filing Date :13/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA Netherlands
(72)Name of Inventor :
1)KUMAR Prashant
2)SANJAYA Kumara
3)VENKATESAN Souri Rajan
4)MALLYA Yogisha

(57) Abstract :

The present invention refers to a signal processing apparatus and its method of operation. The apparatus comprises a phonocardiogram interface adapted to receive a phonocardiogram signal captured according to a first set of capturing properties a processor adapted to analyze the phonocardiogram signal to determine an analysis result for the phonocardiogram signal and a confidence value of the determined analysis result and a flow control adapted to determine whether a subsequent capture of the phonocardiogram signal according to a second set of capturing properties is likely to improve an accuracy of the determined analysis result. If applicable the flow control coordinates the subsequent capture of the phonocardiogram signal according to the second set of capturing properties. The invention also refers to a computer program product comprising instructions that enable a processor to carry out the method of operation of the signal processing apparatus.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1474/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A THERMAL PROTECTION DEVICE

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHANANJAY ZINCE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Thermal Protection Device is disclosed. The thermal protection device comprises housing and a bimetallic strip located in the housing. The thermal protection device is characterized by comprising a metal strip rigidly fit to bimetallic strip and at least two pins located in the housing such that one end of the at least two pins are fitted in the housing and to the other end of the at least two pins the metal strip is fitted.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4890/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : LIGHTING TOOL FOR CREATING LIGHT SCENES

(51) International classification :H05B37/02

(31) Priority Document No :09179889.2

(32) Priority Date :18/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055862

Filing Date :16/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA Netherlands

(72)Name of Inventor :

1)VAN HERK Robert

2)YIANNI George Frederic

3)TIELENS-AARTS Johanna Cornelia Maria Francisca

4)MCCORMACK James Joseph Anthony

5)VERMEULEN Arend Jan Wilhelmus Abraham

(57) Abstract :

A lighting tool for setting lighting parameters of a plurality of light sources (1). A processor (2) is provided which is connectable to the plurality of light sources (1) and arranged to control lighting parameters of each of the plurality of light sources (1). A position storage unit (3) is connected to the processor (2) for storing spatial positions of the plurality of light sources (1). A camera arrangement (4) is connected to the processor (2) for providing a view of at least part of a scene illuminated by the plurality of light sources (1). The processor (2) is arranged to correlate a viewing area of the camera arrangement (4) and a retrieved spatial position of one or more of the plurality of light sources (1).

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4891/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTI-SECTION ALIGNMENT OF IMAGING DATA

(51) International classification	:G06T7/00
(31) Priority Document No	:61/287922
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055273
Filing Date	:18/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA Netherlands
(72)**Name of Inventor :**
1)WANG Sharon X.
2)LAURENCE Thomas
3)SOWARDS-EMMERD David

(57) Abstract :

A method of aligning multiple volumetric sections of imaging data is provided. The method comprises aligning a primary volumetric section and a secondary volumetric section which is adjacent to the primary volumetric imaging section for moving the secondary volumetric section into alignment with the primary volumetric section. A related apparatus for performing the method is also provided.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4892/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESSING AN IMAGE DATASET

(51) International classification :G06T11/20

(31) Priority Document No :09180146.4

(32) Priority Date :21/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055794

Filing Date :14/12/2010

(87) International Publication No : NA

(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)HAUTVAST Guillaume Leopold Theodorus Frederik

2)CHIRIBIRI Amedeo

3)NAGEL Eike Caspar Cornelius

(57) Abstract :

A system for generating a processed image dataset is disclosed. The system comprises a plurality of parameter datasets (15) wherein a parameter dataset (1) corresponds to a clinically categorized population and represents a transfer function. The system further comprises a selector (2) for selecting a parameter dataset (1) from the plurality of parameter datasets (15). The system further comprises an image processing subsystem (3) for applying the transfer function represented by the selected parameter dataset (1) to at least part of an image dataset (4) specific for a patient to obtain a processed image dataset (5). The selector (2) comprises a user interface element (6) for enabling a user to select the parameter dataset (1) from the plurality of parameter datasets (15). A parameter dataset (1) is based on a statistical distribution of a population characteristic.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4893/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : POLYETHYLENE GLYCOL CONTAINING COMPOSITION FOR SHAVING

(51) International classification	:A61K47/48
(31) Priority Document No	:09179791.0
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055806
Filing Date	:14/12/2010
(87) International Publication No	: NA
(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)HARVEY Severin Luc Ramses
2)LELIEVELD Mark Johannes
3)ZUIDERVAART Jasper

(57) Abstract :

The invention provides a composition comprising one or more low molecular weight polyethylene glycols (LMW-PEG) and one or more high molecular weight poly ethylene glycols (HMW-PEG) wherein the one or more LMW-PEGs have a molecular weight in a range of 200 to 500 dalton and wherein the one or more HMW-PEGs have a molecular weight in a range of 8 000 to 45 000 dalton. Such composition can be used as a (friction reducing) shaving lotion or as a condom lubricant.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1501/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TEMPORARY SEPTIC TANK FOR TRAIN'S TOILETS

(51) International classification	:E03D	(71)Name of Applicant :
(31) Priority Document No	9/00	1)THOUTI. BHOOMIAIAH CHARY
(32) Priority Date	:NA	Address of Applicant :H.NO.3-5-50 KOTAGALLY (VARNI
(33) Name of priority country	:NA	ROAD), NIZAMABAD, 503 001 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOUTI. BHOOMIAIAH CHARY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

TEMPORARY SEPTIC TANK FOR TRAIN :- some time there is more bad smell in the railway station because when the train reached the station somebody uses the toilets in the train so urine and Toilet and water are fall down on the tracks the toilet pipe. it is uncomfortable for us. linked rod pulls samulstalesly to gear patti. And gear patti rotates the gear wheel with horizontal axle rod and temporary septic tank rotates clockwise and placed beneath the toilet pipe. And lock rod set beneath the lock patti of t.s.tank. This problem is solved with this invention TEMPORARY SEPTIC TANK FOR TRAIN.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4900/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : RADIATION DETECTOR ASSEMBLY WITH TEST CIRCUITRY

(51) International classification	:G01T 1/24
(31) Priority Document No	:61/288557
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055633
Filing Date	:07/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HERRMANN Christoph
2)STEADMAN Roger
3)MUELHENS Oliver

(57) Abstract :

A radiation detector assembly (20) includes a detector array module (40) configured to convert radiation particles to electrical detection pulses, and an application specific integrated circuit (ASIC) (42) operatively connected with the detector array. The ASIC includes signal processing circuitry (60) configured to digitize an electrical detection pulse received from the detector array, and test circuitry (80) configured to inject a test electrical pulse into the signal processing circuitry. The test circuitry includes a current meter (84) configured to measure the test electrical pulse injected into the signal processing circuitry, and a charge pulse generator (82) configured to generate a test electrical pulse that is injected into the signal processing circuitry. The radiation detector assembly (20) is assembled by operatively connecting the ASIC (42) with the detector array module (40), and the signal processing circuitry (60) of the ASIC of the assembled radiation detector assembly is tested without the use of radiation.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4901/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : BODE INDEX MEASUREMENT

(51) International classification :G06F 19/00

(31) Priority Document No :61/288370

(32) Priority Date :21/12/2009

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

(86) International Application No :PCT/IB2010/055222

Filing Date :17/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHEUNG Amy Oi Mee

2)ATAKHORRAMI Maryam

(57) Abstract :

A computer-implemented system and method for determining a BODE index value for a patient is provided. The method includes using a Body Mass Index (BMI) measuring device to obtain BMI data. An airway obstruction measuring device measures airway obstruction of the patient to obtain airway obstruction data. A respiration rate sensor measures a respiration rate of the patient and to obtain respiration rate data. An activity monitor measures physical activity of the patient and to obtain physical activity data. A processor executes a computer program module to determine the BODE index value for the patient based on the Body Mass Index data the airway obstruction data the respiration rate data and the physical activity data.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4902/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MAGNETIC RESONANCE ELASTOGRAPHY

(51) International classification	:G01R 33/563
(31) Priority Document No	:09180122.5
(32) Priority Date	:21/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055950
Filing Date	:20/12/2010
(87) International Publication No	: NA
(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)FUDERER Miha

(57) Abstract :

A magnetic resonance elastography method includes application of mechanical oscillations with an oscillation period (T) to an object to be examined to generate mechanical waves in the object. A motion sensitive magnetic resonance acquisition sequence with repetition time TR issued to acquire magnetic resonance signals from the object. This acquisition sequence including application of one or more phase encoding steps within an individual repetition time. The repetition time times the number of phase encodings within one repetition time is not equal to an integer multiple of the oscillation period. Thus a magnetic resonance image of the wave pattern is reconstructed from the magnetic resonance signals assembled in a sample space spanned by the phase of the mechanical oscillation and the phase encoding.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1514/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF LOW DIMENSIONAL CALCIUM SULPHATE CRYSTALS

(51) International classification	:C01F 11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. SREE CHITRA TIRUNAL
(32) Priority Date	:NA	Address of Applicant :INSTITUTE FOR MEDICAL
(33) Name of priority country	:NA	SCIENCES AND TECHNOLOGY, BIOMEDICAL
(86) International Application No	:NA	TECHNOLOGY WING POOJAPPURA,
Filing Date	:NA	THIRUVANANTHAPURAM - 695 012 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANOJ KOMATH
Filing Date	:NA	2)SURESHBABU S.
(62) Divisional to Application Number	:NA	3)HARIKRISHNA VARMA P.R.
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of low dimensional calcium sulphate crystals comprising preparing a solution of a calcium salt in a solvent, in molar concentrations of 0.1 to 0.7 and adding dropwise, an aqueous solution of a sulphate compound to the solution of the calcium salt, and recovering the precipitate, followed by washing and freeze drying to obtain the low dimensional calcium sulphate crystals.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1515/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CHARY NOSE FILTER CHANGEABLE DOUBLE FILTERS

(51) International classification	:A62B 23/00	(71)Name of Applicant : 1)THOUTI. BHOOMIAIAH CHARY
(31) Priority Document No	:NA	Address of Applicant :H.NO.3-5-50 KOTAGALLY (VARNI
(32) Priority Date	:NA	ROAD) NIZAMABAD - 503 001 Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)THOUTI. BHOOMIAIAH CHARY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Air pollution is increasing day by day. Now take breath of Fresh air with Chary nose filter changeable double filters. This is a small device; this air filter is placed into inside of nostrils. And there is filtered pollution air, and gives fresh air to breathing. It has two parts 1) copper gripper 2) double filter egg shaped bags. These bags are use and through filter papers. We adjust this device into the nostrill very easily the nose for fix it to nose. While using chary nose filter changeable double filters• there is only appeared this device of U• shaped 1 mm thickness clip to others. Actually more people are much effected With polluted air at slum area and city it is more use full to all.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : HTTP OPTIMIZATION MULTI-HOMING MOBILITY AND PRIORITY

(51) International classification :H04L 29/06

(31) Priority Document No :61/288,119

(32) Priority Date :18/12/2009

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

(86) International Application No :PCT/US2010/061360

Filing Date :20/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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U.S.A.

(72)Name of Inventor :

1)WATSON Mark

2)VICISANO Lorenzo

(57) Abstract :

Combining parallel Hypertext Transfer Protocol (HTTP) connections and pipelining overcomes an impact of increasing Round Trip Time (RTT) by varying in real time the number of parallel connections and pipelined requests such that the number of outstanding requests is minimal and the link remains fully utilized. Optimal construction and scheduling of requests and connections in an HTTP stack improves page load time and also provides for greater responsiveness to changes in object priorities. Multi-homing and mobility at the application layer for HTTP are addressed. Multi-homing provides for simultaneous use of multiple interfaces for example WWAN and WLAN interfaces which improves download time especially in the case that the available bandwidth the interfaces is of the same order of magnitude. Mobility provides for switching connections as the device moves. In combination they provide for smoother mobility. Mobility can be provided this way without server or network support.

No. of Pages : 51 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTIMEDIA EMERGENCY ACCESS IN A WIRELESS NETWORK

(51) International classification :H04L 29/06

(31) Priority Document No :61/266,874

(32) Priority Date :04/12/2009

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

(86) International Application No :PCT/IB2010/002932

Filing Date :17/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MCCANN Stephen

2)MONTEMURRO Michael Peter

(57) Abstract :

A method for distributing multimedia emergency contact information using an access point of a wireless local area network (708) (WLAN) is disclosed. The access point is configured to retrieve service contact information from a lookup table. The method includes receiving a first generic advertisement service (GAS) query from a WLAN device. The first GAS query includes a uniform resource name (URN) identifying at least one of the services. The method includes retrieving contact information for the at least one of the services identified in the first GAS query. The contact information includes a uniform resource identifier (URI). The URI is configured to include session initiation protocol (SIP) URIs and telephone URIs. The method includes transmitting a GAS query response to the WLAN device. The GAS query response includes the contact information for the at least one of the services identified in the first GAS query.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4915/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : HEALTH-PROMOTING COMPOSITION AND PREPARATION METHOD

(51) International classification	:A23L1/30
(31) Priority Document No	:09014070.8
(32) Priority Date	:10/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/065180
Filing Date	:11/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

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(72)Name of Inventor :

1)COOPER Bryan

(57) Abstract :

The invention relates to the field of health-promoting compositions and to their preparation methods.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4916/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : LOW PROFILE WRAPPABLE ELONGATE MEMBERS SPACER AND METHOD OF MAINTAINING ELONGATE MEMBERS IN FIXED SPACED RELATIVE RELATION

(51) International classification	:F16L3/22
(31) Priority Document No	:61/259,284
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055929
Filing Date	:09/11/2010
(87) International Publication No	: NA
(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)LAIRIE Marc
2)CHESNAIS Jean-rene

(57) Abstract :

A low profile wrappable spacer (10) and method for maintaining a pair of elongate members (12 14) in fixed spaced relation to one another is provided. The wrappable spacer includes a flexible elongate body (16) having oppositely facing inner and outer faces (18 20) extending along laterally spaced lengthwise extending edges (21 23) between opposite ends. The inner face has an adhesive surface (26). At least one member (30) extends between the edges transversely to the lengthwise extending edges. The member (30) extends outwardly from the adhesive surface wherein the adhesive surface is configured for adhesion

No. of Pages : 18 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4917/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DRIVE ASSEMBLY FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :09178215.1

(32) Priority Date :07/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/068916

Filing Date :06/12/2010

(87) International Publication No : NA

(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)RAAB Steffen

3)ROTTLUFF Marianne

(57) Abstract :

Drive assembly for a drug delivery device and drug delivery device Drive assembly for a drug delivery device (100), comprising a housing (10) with a proximal end (11) and a distal end (12), a drive member (40), and a piston rod (50). A longitudinal axis (A) extends between the proximal end (11) and the distal end (12). The piston rod (50) is axially moveable relative to the housing (10). The piston rod (50) comprises a guide track (53). The drive member (40) comprises a guide piece (45) being disposed and being movable in the guide track (53). The guide track (53) comprises at least one section (54) which is oblique relative to the longitudinal axis (A) and defining a displacement for dispensing a single pre-set dose of medication during a relative movement between the guide piece (45) and the piston rod (50) when the guide piece (45) cooperates with the oblique section (54) between a distal final area (56) of the oblique section (54) and a proximal final area (58) of the oblique section (54). The pitch of the at least one oblique section (54) decreases from the distal final area (56) to the proximal final area (58). Drug delivery device (100) with a drive assembly, wherein a medication containing cartridge (102) is coupled to the piston rod (50) in a manner to dispense the medication (103).

No. of Pages : 31 No. of Claims : 15

(54) Title of the invention : HOLLOW FIBER MEMBRANE MODULE FOR USE IN PRODUCTION OF CHEMICAL SUBSTANCE AND PROCESS FOR PRODUCTION OF CHEMICAL SUBSTANCE

(51) International classification :B01D63/04
 (31) Priority Document No :2009-256778
 (32) Priority Date :10/11/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/069969
 Filing Date :10/11/2010
 (87) International Publication No : NA
 (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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(57) Abstract :

A hollow fiber membrane module for use in production of a chemical substance, which is used in continuous fermentation including filtering a fermentation broth of a microorganism or a cultured cell through a hollow fiber membrane, collecting a chemical substance from a filtrate, retaining a concentrated solution in the fermentation broth or refluxing the concentrated solution, and adding a fermentation raw material to the fermentation broth, wherein a large number of hollow fiber membrane bundles are accommodated in a tubular case, at least one end part of each of the hollow fiber membrane bundles is fixed on the tubular case by a hollow fiber membrane bundling member with an end face of each of the hollow fiber membranes open, and the hollow fiber membrane bundling member is made of a synthetic resin having a hardness retention rate after contact with saturated steam at 121°C for 24 hours of 95% or more. Therefore, a hollow fiber membrane module for use in the production of a chemical substance by a continuous fermentation process capable of maintaining high productivity and treating steam sterilization is provided.

No. of Pages : 65 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PYROPHOSPHATE COMPOUND AND PRODUCTION PROCESS THEREOF•

(51) International classification :C01B 25/45
(31) Priority Document No :2009-276513
(32) Priority Date :04/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072183
Filing Date :03/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Atsuo Yamada

2)Shinichi Nishimura

3)Ryuichi Natsui

(57) Abstract :

To provide a positive electrode active material containing a pyrophosphate compound, ensuring that mixing of impurities is easily prevented to facilitate the synthesis and a high capacity battery is obtained, and a lithium ion battery using the positive electrode material. That is, the present invention relates to a pyrophosphate compound represented by the formula: $\text{Li}_2\text{M}_{1-x}\text{FexP}_2\text{O}_7$ (wherein M represents one or more elements selected from Mn, Zr, Mg, Co, Ni, V and Cu, and $0.3 \leq x \leq 0.9$).

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4911/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ENERGY STORAGE SYSTEMS

(51) International classification	:F24D 11/00, F24D 11/02
(31) Priority Document No	:0919934.0
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051910
Filing Date	:16/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1 Wedderburn Court Inveresk
Musselburgh EH21 7TU United Kingdom

(72)Name of Inventor :

1)John FIELD

2)Andrew BISSELL

(57) Abstract :

There is herein described energy storage systems. More particularly there is herein described thermal energy storage systems and use of energy storable material such as phase change material in the provision of heating and/or cooling systems in for example domestic dwellings.

No. of Pages : 140 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4912/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DELIVERY CARRIER

(51) International classification	:A61K9/48
(31) Priority Document No	:61/259,355
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054844
Filing Date	:26/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CAPSUGEL BELGIUM NV
Address of Applicant :Rijksweg 11 2880 Bornem Belgium
(72)**Name of Inventor :**
1)DELMARRE David
2)MARTINA Marie-Sophie Lina
3)VERTOMMEN Jan Emiel Godelieve

(57) Abstract :

The present invention relates to a novel liquid delivery carrier comprising a specific grade of glyceryl caprylate and PEG-40 hydrogenated castor oil in particular amounts. This carrier can be loaded with slightly or poorly water soluble substances and filled into hard gelatin capsule shells for final administration to a subject. Also disclosed are filling compositions comprising such delivery carrier and hard gelatin capsules filled with the carrier and the composition of the invention. The delivery carrier of the invention proved to be compatible with both the hard gelatin capsule shells and the substances loaded into it.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4913/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE FOR GENERATING PLASMA BY MEANS OF MICROWAVES

(51) International classification :H01J37/32
(31) Priority Document No :10 2009 044 496.3
(32) Priority Date :11/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/066953
Filing Date :05/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROTH & RAU AG
Address of Applicant :An der Baumschule 6-8 09337
Hohenstein-Ernstthal Germany
(72)Name of Inventor :
1)MUEGGE Horst
2)BAUMG.,RTNER Klaus-Martin
3)KAISER Mathias
4)ALBERTS Lukas

(57) Abstract :

The invention relates to a device (1) for generating plasma by means of microwaves for CVD coating a substrate having a vacuum container (2) into which a reaction gas can be fed and an electrical conductor (3) arranged therein which is connected on each of both ends thereof to a device for coupling microwaves (6) and to a voltage source (7) with which a difference of potential can be generated between the electrical conductor (3) and the surrounding vacuum container (2), wherein the electrical conductor (3) is electrically insulated from the devices for coupling microwaves (6). The electrical conductor (3) has a rod-shaped design or a curved run. The electrical conductor (3) is connected to the voltage source (7) via a feedthrough filter. The device for coupling microwaves (6) expands in a funnel shape toward the electrical conductor (3) and is partially or completely filled by a dielectric material. The device for coupling microwaves (6) has groove-shaped recesses running along a circumference.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4914/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MEDICATION INJECTION SITE AND DATA COLLECTION SYSTEM

(51) International classification :A61M5/14

(31) Priority Document No :12/614,276

(32) Priority Date :06/11/2009

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

(86) International Application No :PCT/US2010/055322

Filing Date :03/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Crisi Medical Systems Inc.

Address of Applicant :4225 Executive Square Suite 490 San Diego California-92037 U.S.A.

(72)Name of Inventor :

1)BOCHENKO Walter John

2)DEKALB Shawn Wayne

3)DE CHILDERS Winthrop

4)PRINCE Stephen Michael

(57) Abstract :

A medication delivery apparatus for use with a medication container includes a housing a fluid conduit at least partially extending within the housing and configured to deliver medication within the medication container to a patient a medication port extending from the housing and configured to be coupled to a fluid outlet of the medication container the medication port being fluidically coupled to the fluid conduit and at least one sensor disposed within the housing to generate information characterizing administration of the medication for processing by a remote data collection system. The housing can have a size and shape that enables it to be supported by a first hand of a user while the user administers the medication from the medication container via the medication port using a second hand of the user. Related apparatus systems kits and techniques are also described.

No. of Pages : 84 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1471/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A HEAT ABSORBENT IN A SWITCHING VALVE BODY

(51) International classification	:B25D 17/00	(71)Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India 2)ROBERT BOSCH GMBH
(31) Priority Document No	:NA	(72)Name of Inventor : 1)VISWANATH MH
(32) Priority Date	:NA	2)SIVAKUMAR K
(33) Name of priority country	:NA	3)PRASANNA VENKATESH
(86) International Application No	:NA	4)NACHIAPPAN D
Filing Date	:NA	5)RAJESH RAO J R
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching valve body for controlling the delivery of an aqueous solution between a tank, a pump and a dosing module equipped in an exhaust path of a vehicle, comprising movable valve element, at least one fluid connector for providing fluid flow path for the aqueous solution between the tank, the pump and the dosing module, wherein, at least one heat absorbing means is provided in vicinity of said at least one fluid connector for modifying the freezing pattern of said aqueous solution in the fluid connectors.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1472/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR CLEANING SOLAR PANELS

(51) International classification	:H01L 31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MONCY MAMMEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an apparatus (10) for cleaning a solar panel (12). The solar panel (12) is typically mounted on a mounting structure (14). A plurality of fixed nozzles (16) which are adapted to receive water from a water source (18) and receive pressurized air from a source of pressurized air (20) and direct these fluids in direction of the solar panel (12). The pressurized air causes jets of water to be dispensed on said solar panel (12) even if the water is not pressurized or semi-pressurized. A control unit (22) regulates the flow of water and the pressurized air to the nozzles (16).

No. of Pages : 12 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A METHOD OF OPERATING A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(51) International classification	:F25B	(71)Name of Applicant :
	45/00	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(31) Priority Document No	:NA	SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH KASHYAP
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of operating a refrigerant recovery and recharge device is disclosed. The method comprises the following steps: recharging a defined quantity of oil to a refrigeration equipment by operating a solenoid valve in the refrigerant recovery and recharge device; determining pulse width of the solenoid valve to recharge specified quantity of oil to the refrigeration equipment; recharging oil from the refrigerant recovery and recharge device to the refrigeration equipment using constant pulse width or variable pulse width.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4961/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : POLYETHER DERIVATIVES OF SECONDARY HYDROXY FATTY ACIDS AND DERIVATIVES THEREOF

(51) International classification :C08G65/26

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/067326

Filing Date :09/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Dow Global Technologies LLC

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)THOEN Johan

2)MASY Jean-Paul

(57) Abstract :

A compound that is a polyether of a saturated monobasic secondary hydroxyl fatty acid preferably 1 2-hydroxy stearate or a reaction product of the polyether with a polyhydric alcohol a capping agent or a combination of both. Prepare the compound by contacting a saturated hydroxy monobasic fatty acid or derivative thereof with an. alkoxide in the presence of a double metal cyanide catalyst such that a polyether of the fatty acid is formed. Optionally preparation also includes a step of capping the polyether or alternatively contacting the polyether with a polyhydric alcohol.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRIMARY CARPET BACKING

(51) International classification :D04H13/00

(31) Priority Document No :09178463.7

(32) Priority Date :09/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069042

Filing Date :07/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COLBOND B.V.

Address of Applicant :Westervoortsedijk 73 NL-6827 AV
Arnhem Netherlands

(72)Name of Inventor :

1)VISSCHER Edze Jan

(57) Abstract :

A primary carpet backing comprising at least a first and a second layer of fibers characterized in that both the first and the second layer of fibers is a nonwoven layer of randomly laid fibers that both the first layer of fibers and the second layer of fibers has uniform composition throughout the layer wherein the linear density of the fibers is in the range of 1 to 25 dtex wherein both the first layer of fibers and second layer comprises at least two different polymers and wherein at least one polymer comprised in the first layer is different from the polymers comprised in the second layer.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4966/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS TO PREPARE OPEN CELL FOAMS MADE WITH NATURAL OIL BASED POLYOLS AND POLY(PROPYLENE OXIDE) POLYOLS

(51) International classification	:C08G18/16
(31) Priority Document No	:61/267,601
(32) Priority Date	:08/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056666
Filing Date	:15/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dow Global Technologies LLC
Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.
(72)**Name of Inventor :**
1)LATHAM Dwight D.
2)MA Hongming

(57) Abstract :

Methods of forming olyurethone foams that are the reaction product of at least one polyisocyanate and a polyol composition arc provided. The polyol composition includes at least one natural oil based polyol and at least one poly(propylene oxide) polyol and is desirably free of non-natural oil based potyols made from alkylene oxide units other than propylene oxide units. The natural oil based polyol is present in a quantity sufficient to increase the processing window for the foam relative to a foam made using the same process and the same components absent the natural oil based polyol. As a result the present foams can provide very open-cellular structures with the superior performance properties of a poly(propylene oxide) polyol-based foam.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4967/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHODS AND ARRANGEMENTS RELATING TO SURFACE FORMING OF BUILDING PANELS

(51) International classification :E04F15/02

(31) Priority Document No :0950980-3

(32) Priority Date :17/12/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/051418

Filing Date :17/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Vlinge Innovation AB

Address of Applicant :Prstavgen 513 SE-263 65 Viken

Sweden

(72)Name of Inventor :

1)WALLIN Magnus

(57) Abstract :

Semi-floating floorboards / building panels having mechanical joint systems, a core with curved edge portions so the surface layer on top of the core will be located below the panel surface, and where the edges of the floorboard have a bevel such that in which the joint system, when two floorboards are joined and pressed towards each other, the surface layer 31 and a part of the core 30 of the joint edge portion 19 in the second joint edge 4b overlaps the surface layer 31 that is substantially parallel to the horizontal plane of the first joint edge 4a of the other floorboard. Further, floorboards / building panels are produced by machining the surface structure with a plurality of core grooves 20, 20 and applying the surface layer 31 on the upper side of the core 30 to at least partly cover a floor element. A pressure is applied and the surface layer 31 forms around the core grooves 20, 20.

No. of Pages : 34 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4968/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : TRANSMISSION POWER CONTROL IN MULTI-HOP NETWORKS

(51) International classification :H04W52/12

(31) Priority Document No :61/288,144

(32) Priority Date :18/12/2009

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

(86) International Application No :PCT/US2010/061155

Filing Date :17/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121-1714

U.S.A.

(72)Name of Inventor :

1)NAGARAJA Nagendra

(57) Abstract :

Systems and methodologies are described that facilitate providing power control for intermediary access points in wireless networks such as relay nodes. Parameters related to intermediary access point communications can be provided to a serving access point and the serving access point can generate power adjustment values and related commands based at least in part on the parameters. The parameters can include load on the intermediary access point signal-to-interference-and-noise ratio (SINR) and/or similar parameters related to communications between the intermediary access points and/or one or more UEs etc. In addition end-to-end power control can be provided where intermediary access points report SINR to serving access points allowing serving access points to adjust downlink transmission power.

No. of Pages : 48 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4969/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD BASE STATION AND USER EQUIPMENT FOR FEEDING BACK ACK/NACK INFORMATION FOR CARRIER AGGREGATION

(51) International classification	:H04L1/18
(31) Priority Document No	:200910251390.9
(32) Priority Date	:03/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/079423
Filing Date	:03/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)CHEN Xiaobo

2)LI Chaojun

(57) Abstract :

The present invention provides a method, a base station, and a user equipment for feeding back ACK/NACK information for carrier aggregation. The method includes: configuring a common field preset in DCI as at least one type of command field related to ACK/NACK feedback of at least two types of command fields related to ACK/NACK feedback, where the common field can be configured as the command fields related to ACK/NACK feedback; and sending the DCI to a user equipment, so that the user equipment feeds back ACK/NACK information according to the DCI. The present invention may realize backward compatibility of the ACK/NACK information feedback with an LTE system in carrier aggregation

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1459/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MIXERS OF TWO FLUIDS USING PRE-SELECTORS OF MIXING RATIO

(51) International classification	:F16K	(71)Name of Applicant :
	11/00	1)K.N. SUNDARA RAMA REDDY
(31) Priority Document No	:NA	Address of Applicant :NO.462, IV MAIN, RMV STAGE-2,
(32) Priority Date	:NA	DOLLARS COLONY, BANGALORE - 560 094 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)K.N. SUNDARA RAMA REDDY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention enables manufacture of mixers of two fluids including gasses which do not react with each other, which does not precipitate solids and which will not generate heat like CO₂ and oxygen, diesel fuel and its substitutes, alkali and water hot water and cold water. Parallel mixers can stand very pressures and find application in industries like refineries, chemical plants. Axial mixers along with parallel mixers find application in faucets enabling pr-selection of temperature enabling. No thermostats are used but giving same performance as thermostat controlled faucets making the faucets cost effective.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1460/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SOLUBLE CYTOPLASMIC EXPRESSION OF HETEROLOGOUS PROTEINS IN ESCHERICHIA COLI

(51) International classification	:C12N	(71)Name of Applicant :
	15/00	1)GANGAGEN, INC.
(31) Priority Document No	:NA	Address of Applicant :3279 EMERSON, PALO ALTO,
(32) Priority Date	:NA	CALIFPRMOA 94306 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)APPAIAH, C.B.
Filing Date	:NA	2)PADMANABHAN, SRIRAM
(87) International Publication No	: NA	3)SARAVANAN, R. SANJEEV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Soluble variants of recombinant proteins produced in a prokaryotic host cell, where the high expression levels often cause the original proteins to aggregate into insoluble inclusion body aggregates. The variant polypeptides retain biological function while increasing protein solubility with comparable or higher recoverable levels of biologically active protein when expressed in a suitable expression host. Methods of identifying critical residues and substituting them are provided to produce the variants.

No. of Pages : 110 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4935/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS FOR PRODUCING A CURVED SUBSTRATE COVERED WITH A FILM•

(51) International classification :B29C51/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/067820

Filing Date :14/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)ESSILOR INTERNATIONAL (COMPAGNIE
GENERALE DOPTIQUE)**

Address of Applicant :147 rue de Paris F-94220 Charenton Le
Pont France

(72)Name of Inventor :

1)HEROD Timothy E.

2)HENDRICKSON Margie

3)RIST Robert J.

(57) Abstract :

A process for producing a curved substrate (20) covered with a film (10) comprises a heat treatment of the film performed between a step of preforming said film and a step of assembling the film with the substrate. A maximum temperature of the pre-assembling heat treatment is higher than another maximum temperature of a post-assembling heat treatment (F) which is performed after the assembling step. Then the assembly of the substrate (20) with the film (10) is not altered during said post-assembling heat treatment. In particular no defect and no delamination appear and no change in the curved shape of the substrate is caused by the post-assembling heat treatment even if the substrate (20) has a low glass transition temperature.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4936/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : WATER DISINFECTION BY ULTRAVIOLET RADIATION IN SOLAR ENERGY•

(51) International classification	:C02F1/30
(31) Priority Document No	:2009905902
(32) Priority Date	:03/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001635
Filing Date	:03/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FIRST GREEN PARK PTY LTD
Address of Applicant :35 Robins Avenue Humevale Victoria
3757 Australia
(72)**Name of Inventor :**
1)JOHNSTONE Peter

(57) Abstract :

The specification discloses a solar energy water treatment device (10) for minimizing bacteria and other pathogens in treatment water supplied to the device (10) the device having an inclined metal surface (25) for receiving treatment water (34) via a supply pipe (37) at an upper end of the metal surface (25) for flow downwardly thereon in a thin surface flow a clear or translucent solar energy transfer panel (14) being spaced above and adjacent to the metal surface (25) whereby solar energy passes to the water on the metal surface (25) and water collection means (28) at a lower end region of the metal surface (25) after passage thereon the treatment water (34) flowing at a rate of between 0.1 and 2 litres/m²/min of the metal surface (25).

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1397/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : ANHYDROUS FORM OF MOXIFLOXACIN HYDROCHLORIDE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:NA	SANATH NAGAR, HYDERABAD-500 018 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PARTHASARADHI REDDY, BANDI
Filing Date	:NA	2)RATHNAKAR REDDY,KURA
(62) Divisional to Application Number	:NA	3)MURALIDHARA REDDY,DASARI
Filing Date	:NA	4)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention relates to novel non-hygroscopic anhydrous Form of moxifloxacin hydrochloride, process for its preparation and to pharmaceutical composition containing it.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1468/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MEDICAL IMAGING SYSTEM AND TABLE FOR CARRYING A PATIENT

(51) International classification	:A61G13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SATHYAMURTHY, KARTHIKEYAN
(87) International Publication No	: NA	2)SG, PRASAD VENKATA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical imaging system including an image processing unit for capturing images of a patient and a table for carrying and positioning the patient with respect to the image processing unit to capture the images is disclosed. The table includes an elongated table assembly and a plurality of helical band actuators. The elongated table assembly is used for holding the patient. Further the plurality of helical band actuators connected to the elongated table assembly. Each helical band actuator is capable of axially extending and retracting in a synchronized manner for lifting and lowering the elongated table assembly respectively. ,

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2551/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : VEHICLE HOOD

(51) International classification	:B62D25/00	(71)Name of Applicant :
(31) Priority Document No	:2011-147394	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:01/07/2011	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MASATOSHI YOSHIDA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a vehicle hood which can secure dent resistance and moldability of an inner panel portion near a striker without increasing the number of parts, which can securely prevent jump of a hood at the time of vehicle collision, and which can improve head collision performance. An inner panel includes a concave portion, is fixed to an outer panel by a hemming process at a front end portion of the concave portion, and is joined to the outer panel at a rear portion of the concave portion. A hole is formed on a bottom portion of the concave portion. A portion of a lock reinforcing member which projects downward is fixed to the hole, and flanges of the lock reinforcing member are joined to a hole peripheral edge portion of the inner panel.

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4869/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : REFLECTOR ANTENNA RADOME ATTACHMENT BAND CLAMP•

(51) International classification	:H01Q1/00
(31) Priority Document No	:12/636,068
(32) Priority Date	:11/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054173
Filing Date	:15/09/2010
(87) International Publication No	: NA
(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)HILLS Chris

2)LEWRY Matthew

3)DONALDSON Tracy

4)HUGHES Bruce

(57) Abstract :

A band clamp for coupling a radome to a distal end of a reflector dish for improving the front to back ratio of a reflector antenna the band clamp provided with an inward projecting proximal lip and an inward projecting distal lip. The distal lip dimensioned with an inner diameter equal to or less than a reflector aperture of the reflector dish. The proximal lip provided with a turnback region dimensioned to engage an outer surface of a signal area of the reflector dish in an interference fit. A width of the band clamp may be dimensioned for example between 0.8 and 1.5 wavelengths of an operating frequency.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : NEW METHOD OF MAINTAINING MULBERRY LEAVES FRESH FOR 6 DAYS ON THE SILKWORM (BOMBYX MORI) REARING BED

(51) International classification	:D01B	(71)Name of Applicant :
	1/00	1)KARNATAKA STATE SERICULTURE RESEARCH & DEVELOPMENT INSTITUTE
(31) Priority Document No	:NA	Address of Applicant :SERICULTURE RRESEARCH & DEVELOPMENT INSTITUTE, THALAGHATTAPURA,
(32) Priority Date	:NA	KANAKAPURA ROAD, BANGALORE - 560 062 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. CHANNABASAVANNA SHIVAKUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Karnataka State Sericulture Research 8B Development Institute has developed a novel method for maintenance mulberry shoot-lets in fresh and succulent condition for prolonged period of 6 days on the silkworm rearing bed. This concept is well adopted in new method of young age silkworm rearing. Under the new method of rearing the harvested mulberry shoot-lets containing top 4-5 leaves are offered to young age silkworm. The cut ends of shoot-lets are maintained in nutrient media present in specially designed boxes that are kept inside rearing tray. In order to maintain 85% humidity the trays are covered by polythene sheet at top (perforated) and bottom (non-perforated). Temperature of 28°C is maintained inside the rearing room by using blowing type room heaters with thermostat. Active lime powder is dusted on the rearing bed during each moult at the rate of 6g/sft. Effect of new method of rearing on late age larval development and cocoon characters was studied. By virtue of this concept the number feeding given to silkworm in an instar is drastically reduced to one per instar during young age rearing. Accessibility of fresh feed throughout the feeding period enables the faster growth rate in larva with enhanced accumulation of biomass leading to higher productivity. The invention embraces many inbuilt positives feature that is required by silkworm for optimal performance of silkworm, viz., continuous fresh leaf throughout feeding period, maintenance of microenvironment, distribution of larvae is automatic, rearing bed hygiene, uninterrupted rearing bed environment etc.,

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4817/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : NOVEL VIRAL VECTOR CONSTRUCT FOR NEURON SPECIFIC OPTIMIZED CONTINUOUS DOPA SYNTHESIS IN VIVO

(51) International classification :A61K48/00

(31) Priority Document No :61/259,502

(32) Priority Date :09/11/2009

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

(86) International Application No :PCT/EP2010/067155

Filing Date :09/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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A 223 61 LUND Sweden

(72)Name of Inventor :

1)TOMAS BJ–RKLUND

2)ANDERS BJ–RKLUND

3)DENIZ KIRIK

(57) Abstract :

The present disclosure relates to a one-vector expression system comprising a sequence encoding two polypeptides such as tyrosine hydroxylase (TH) and GTP-cyclohydrolase 1 (GCH1). The two polypeptides can be should preferentially be expressed at a ratio between 3:1 and 15:1 such as between 3:1 and 7:1. The disclosure is useful in the treatment of catecholamine deficient disorders such as dopamine deficient disorders including but not limited to ParkinsonTMs Disease. Moreover the present disclosure provides a method to deliver the vector construct in order to limit the increased production of the catecholamine to the cells in need thereof.

No. of Pages : 127 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTION OF WIRING DEFECTS IN A DIGITAL SUBSCRIBER LINE

(51) International classification :H04M 3/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/065943
Filing Date :25/11/2009
(87) International Publication No : NA
(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)WONJONG RHEE

2)ARDAVAN MELEKI TEHRANI

3)MEHDI MOHSENI

4)GEORGE GINIS

5)HAIBO ZHANG

6)SUN-UK PARK

(57) Abstract :

A method for detecting a defect in wiring in a DSL system. The method includes collecting data including instantaneous values a history of values and/or parameters relating to a central office or customer premises equipment analyzing a line for a wiring defect based on the collected data and reporting whether or not a wiring defect was detected responsive to the analyzing step.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4919/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DRIVE ASSEMBLY FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :09178213.6

(32) Priority Date :07/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/068915

Filing Date :06/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Sanofi-Aventis Deutschland GmbH

Address of Applicant :Brüningstrasse 50 D-65929 Frankfurt
am Main Germany

(72)Name of Inventor :

1)RAAB Steffen

2)DASBACH Uwe

(57) Abstract :

A drive assembly for a drug delivery device (100) comprising a housing (10) with a proximal end (11) and a distal end (12) and a longitudinal axis (A) extending between the proximal end (11) and the distal end (12) a rotation sleeve (40) being rotatable relative to the housing (10) and a piston rod (50) being axially moveable relative to the housing (10). The piston rod (50) is in mechanical cooperation with the rotation sleeve (40) to be rotatable and moveable in the distal direction relative to the housing (10) when the rotation sleeve (40) rotates in a first direction (D1) and to be stationary in axial direction relative to the housing (10) when the rotation sleeve (40) rotates in a second direction (D2) opposite to the first direction (D1).

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4920/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PISTON WITH BLOW-BY FEATURE AND METHOD OF PREVENTING CATASTROPHIC FAILURE TO AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02F3/18
(31) Priority Document No	:61/259,814
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056126
Filing Date	:10/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FEDERAL-MOGUL CORPORATION
Address of Applicant :26555 Northwestern Highway
Southfield MI 48033 U.S.A.
(72)**Name of Inventor :**
1)MATSUO Eduardo H.
2)WANG Kai

(57) Abstract :

A piston and method is provided that inhibits the potential catastrophic damage to an internal combustion engine thereby reducing the risk of costly damage to the engine. The piston includes a piston body having an upper combustion surface separated from an internal cooling chamber by a wall. The a pocket extends into the upper combustion surface to a closed bottom surface of the wall. A tubular member is disposed in the pocket. The tubular member extends upwardly from the upper surface. Should a valve head drop from its normal operating position the valve head impacts the tubular member and forms a blow-by through passage extending from the upper combustion surface into the cooling chamber.

No. of Pages : 13 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4921/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A COLLAR FOR A CONCRETE LIFTING ANCHOR•

(51) International classification :E04C5/12

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/AU2009/001541

Filing Date :25/11/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Kent Town South Australia 5067 Australia

(72)Name of Inventor :

1)SLADOJEVIC Robert

(57) Abstract :

A collar for a concrete component lifting anchor including an attachment portion for attaching the collar to the lifting anchor and an abutment portion adapted to provide a clutch abutment surface for limiting rotation of a clutch relative to the lifting anchor.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4922/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A CHAIR FOR A CONCRETE LIFTING ANCHOR•

(51) International classification :E04C5/12

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/AU2009/001540

Filing Date :25/11/2009

(87) International Publication No : NA

(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)SLADOJEVIC Robert

(57) Abstract :

A chair for supporting an edgelifit anchor for use in lifting a concrete component said anchor comprising a head portion engagable with a clutch of a lifting system and a body portion for embedment with the concrete component wherein the chair has surfaces configured for supporting the edgelifit anchor relative to a casting surface during casting of the concrete component.

No. of Pages : 41 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4828/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : STEEL PISTON WITH COOLING GALLERY AND METHOD OF CONSTRUCTION THEREOF

(51) International classification :F02F 3/00
(31) Priority Document No :61/258,956
(32) Priority Date :06/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055215
Filing Date :03/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :26555 Northwestern Highway
Southfield MI 48033 USA
(72)Name of Inventor :
1)MUSCAS Florin
2)MATSUO Eduardo H.

(57) Abstract :

A piston and method of construction is provided.The piston includes a top part fixed to a bottom part.The top part has an uppermost surface with annular inner and outer upper joining surface depending therefrom.The bottom part has a pair of pin bosses with pin bores aligned with one another along a pin bores axis; a pair of upwardly extending annular inner and outer lower joining surfaces and a combustion bowl wall.Inner and outer weld joints fix the inner and outer upper and lower joining surface to one another.An annular cooling gallery is formed laterally between the upper and lower joining surfaces.The inner weld joint joining surfaces.The inner weld joint joining the top part to the bottom part is located within the combustion bowl wall and configured to minimized the compression height of the piston

No. of Pages : 33 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4829/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS SYSTEM AND METHOD FOR COMPOSTABLE WASTE PROCESSING

(51) International classification	:B09B 3/00
(31) Priority Document No	:61/257,610
(32) Priority Date	:03/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055318
Filing Date	:03/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LANGSTON Jody
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(72)**Name of Inventor :**
1)LANGSTON Jody

(57) Abstract :

An apparatus system and method to process compostable waste. The apparatus 204 includes a shredding module 302 a grinding module 304 and a bagging module 306. The shredding module 302 may operate to shred non-food compostable waste 102 into shredded waste 104. The grinding module 304 may operate to combine the shredded waste 104 with food waste 106 into combined waste add water to the combined waste if an insufficient moisture condition exists for further processing and grind the combined waste into particulate waste 108. The bagging module 306 may operate to bag the particulate waste 108 into a compostable bag 110.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4897/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : RF ANTENNA FOR MRI AND MRI SYSTEM COMPRISING SUCH AN RF ANTENNA

(51) International classification :G01R 33/3415
(31) Priority Document No :09180056.5
(32) Priority Date :21/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055835
Filing Date :15/12/2010
(87) International Publication No : NA
(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)YLIHAUTALA Mika Petri

(57) Abstract :

An RF transmit and/or receive antenna is disclosed especially in the form of a coil structure or coil or loop arrangement having one or more removable conductors especially for use in a magnetic resonance imaging (MRI) system or a magnetic resonance (MR) scanner for transmitting RF excitation signals (B1 field) for exciting nuclear magnetic resonances (NMR) and/or for receiving NMR relaxation signals. The RF antenna is provided such that it can be adapted in an easy way according to an application which either requires a large opening through the RF antenna or a parallel imaging capability.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4898/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AUTOMATIC IDENTIFICATION OF A PATIENT INTERFACE DEVICE IN A PRESSURE SUPPORT SYSTEM

(51) International classification	:A61M 16/00
(31) Priority Document No	:61/288457
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055203
Filing Date	:16/11/2010
(87) International Publication No	: NA
(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)HO Peter Chi Fai
2)PAUL Zachary Dean

(57) Abstract :

A pressure support system includes a pressure generator a pressure sensor a flow sensor and a controller cooperating with the pressure sensor and the flow sensor to control operation of the pressure generator. The controller is structured to automatically identify a patient interface device in use with the pressure support system by detecting a change of exhaust flow of up to a predetermined amount across a predetermined pressure gradient of a pressure range of the pressure support system.

No. of Pages : 23 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4899/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF AND APPARATUS FOR PROCESSING PHOTOPLETHYMOGRAPH SIGNALS

(51) International classification	:A61B 5/024
(31) Priority Document No	:09180067.2
(32) Priority Date	:21/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055397
Filing Date	:24/11/2010
(87) International Publication No	: NA
(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)MUHLSTEFF Jens

(57) Abstract :

The invention relates to the field a method of and apparatus for processing a photoplethysmograph signal to support the analysis of photoplethysmograph signals in clinical scenarios. A derivative of a photoplethysmograph signal acquired over a time period is calculated. The derivative of the acquired photoplethysmograph signal with respect to time is analyzed as a function of the acquired photoplethysmograph signal or vice versa.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4970/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTI-CHANNEL AUDIO PROCESSING

(51) International classification :G10L19/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/067243

Filing Date :16/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Finland.

(72)Name of Inventor :

1)OJALA Pasi

(57) Abstract :

A method including: receiving at least a first input audio channel and a second input audio channel; and using an inter-channel prediction model to form at least an inter-channel direction of reception parameter.

No. of Pages : 38 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4947/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS COMPATIBLE WITH 10GE LAN PORT AND WAN PORT

(51) International classification :H04L12/28
(31) Priority Document No :200910252087.0
(32) Priority Date :08/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078825
Filing Date :17/11/2010
(87) International Publication No : NA
(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)HE Xiuhong

(57) Abstract :

A method and apparatus compatible with a 10GE LAN port and WAN port are disclosed, which are applied to a 10GE device containing a 10GE physical layer channel compatible with a 10GE LAN port working mode and a 10GE WAN port working mode. The method includes: after receiving a mode selection command sent from an upper layer, the 10GE device setting the 10GE physical layer channel into a corresponding working mode according to working mode information carried in the command, and providing a working clock needed when working in this working mode for the channel. The apparatus includes a control unit, a configurable clock unit and a 10GE physical layer channel. After adopting the invention, the 10GE port can connect not only the 10GE LAN service but also the 10GE WAN service, thereby realizing the application of the 10GE device in LAN and WAN, enriching the functions of the port without increasing development costs and expanding the application range of the device.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4888/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXCHANGING STREAMING INFORMATION

(51) International classification	:H04N 5/00
(31) Priority Document No	:09179851.2
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055831
Filing Date	:15/12/2010
(87) International Publication No	: NA
(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)VAN DER BEEK Wouter Anne

(57) Abstract :

Intermediate devices (1) such as server devices receive streaming information (2) from source devices (3) and transmit the streaming information (4) possibly in a time-shifted manner via networks (5) to destination devices (6) such as client devices in client-server-combinations. To offer the time-shifted manner, the intermediate devices (1) comprise circular buffers (16) for storing at least parts of the streaming information (2, 4). By providing the intermediate devices (1) with transmitters (17) for transmitting buffer data (7) to the destination devices (6) and with receivers (18) for receiving request data (8) from the destination devices (6), for example in accordance with a network protocol, with the request data (8) defining sizes of time-shifts expressed at the hand of the buffer data (7), the circular buffers (16) can be used more flexibly by one destination device (6) and can be used by more than one destination device (6) in a relatively flexible environment. The intermediate / destination devices (1, 6) may be universal-plug-and-play-devices and/or digital-living-network-alliance-devices and/or open-internet-protocol-television-forum-devices and/or hybrid-broadcast-broadband-television-devices.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4889/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DIGITAL RIGHTS MANAGEMENT USING ATTRIBUTE-BASED ENCRYPTION

(51) International classification :G06F 21/00

(31) Priority Document No :09179905.6

(32) Priority Date :18/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055792

Filing Date :14/12/2010

(87) International Publication No : NA

(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)ASIM Muhammad

2)PETKOVIC Milan

3)LENOIR Petrus Johannes

(57) Abstract :

A data provider (1) for use in a digital rights management system comprises a data protector (2) for protecting data (20), using attribute-based encryption, in dependence on an access policy over a plurality of attributes. A license issuer (3) issues a license (17) comprising a representation of a set of usage rights (18), wherein the set of usage rights (18) is associated (19) with the data (20), for granting the usage rights (18) in respect of the data (20) to a plurality of entities (10) having attributes satisfying the access policy. A data receiver (10) comprises a data access subsystem (11) for accessing data, using attribute-based decryption, in dependence on a decryption key (16) associated with a set of attributes. The data receiver (10) further comprises a usage constraining subsystem (12) for constraining the access to the data (20), based on a license (17) comprising a representation of a set of usage rights (18) associated (19) with the data.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1511/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD OF WIRELESS ENABLED DEVICE CONFIGURATION OVER AN AUTOMATIC METERING READING (AMR) FOR SMART BATTERY ENERGY GRID GATEWAY

(51) International classification	:G01D 4/00	(71)Name of Applicant : 1)DHANANJAY SHUKLA Address of Applicant :VILLA 42, PRESTIGE BOUGAINVILLE, 58/2 & 59, ECC ROAD, WHITEFIELD, BANGALORE - 560 066 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)JAYADEEP KRISHNAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHANANJAY SHUKLA
(61) Patent of Addition to Application Number	:NA	2)JAYADEEP KRISHNAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system of wireless enabled device configuration over an automatic metering reading (AMR) for smart battery energy grid gateway fixed network for utility meter reading system, comprising: a plurality of ambient condition sensor array units linked with metering units; a plurality of metering units linked with interface units, where each interface collects data from a designated utility meter; a plurality of data collectors, where each interface unit establishes a communication link with data collector; and a central host server (Apps server) that receives the data from the plurality of data collectors and generating control signal corresponding to any threshold violation ; and a plurality of electrical circuit control units with integrated features of wireless smart battery energy grid gateway inclusive of a globally unique identifier (GUID) or meta-data used for comparisons of data related to electrical energy usage and control data, battery surface temperature & ambient temperature data, ambient humidity data and ambient hydrogen level data.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2527/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOTORCYCLE

(51) International classification

:B62K19/00

(31) Priority Document No

:2011-
143182

(32) Priority Date

:28/06/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO, 107-8556 Japan

(72)Name of Inventor :

1)YOKOMURA, HIKARU

2)SATO, RYOSUKE

3)HONDA, NAOYOSHI

(57) Abstract :

It is an object of the present invention to provide a vehicle having a cover member which is further reduced in weight. [Means for solving the problems] A cover member BOA includes a resin cover 52 covering the side of a rear wheel 24 and a metallic member 51 reinforcing a rear end 71 of the cover 52. [Effect] Steel is commonly used for the metallic member 51. The specific gravity of metal is 7.8 while the specific gravity of resin is 1.5 or less in most cases. A resin work is made thicker than a steel work in order to secure the rigidity; nevertheless, the weight can be reduced by 30-50% as a result of such resinification. The cover 52 covers the left side of a rear wheel 24, and accordingly occupies a large part of a cover member 50A. The cover 52 is made of resin, so that the weight of the cover member 50A can be made lighter compared to a steel-made cover. In addition, a rear end 71 of the cover 52 is reinforced by the metallic member 51. The metallic member 51 can easily secure the rigidity of the cover 52, which thereby can make the cover 52 thinner. Due to the fact that the cover 52 is made thinner, the weight thereof is further reduced, which can reduce the weight of the cover member 50A.

No. of Pages : 44 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4894/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : CHEST PAD FOR AUTOMATED CPR DEVICE

(51) International classification	:A61H 31/00
(31) Priority Document No	:09179951.0
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055767
Filing Date	:13/12/2010
(87) International Publication No	: NA
(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)AELEN Paul
2)PAULUSSEN Igor Wilhelmus Franciscus
3)WOERLEE Pierre Hermanus
4)NOORDERGRAAF Gerrit Jan

(57) Abstract :

The present invention concerns a pad device for the transfer of force to an anterior chest wall during cardiopulmonary resuscitation (CPR) comprising at least two pads elements adapted to be positioned on an anterior chest wall surface a hinge mechanism connecting the at least two pad elements the at least two pad elements being movably mounted to the hinge mechanism such that the hinge mechanism cooperatively responds to a force applied when the patient is receiving a CPR.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4895/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRESSURE SUPPORT SYSTEM WITH MASK FIT FEEDBACK DISPLAY

(51) International classification :A61M 16/06

(31) Priority Document No :61/288270

(32) Priority Date :19/12/2009

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

(86) International Application No :PCT/IB2010/055202

Filing Date :16/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

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EINDHOVEN 5621 BA Netherlands

(72)Name of Inventor :

1)HAAS Michael W.

(57) Abstract :

A pressure support system configured to deliver a pressurized flow of breathable gas to the airway of a subject is further configured to provide information to a user position fit or seal between the subject and the patient interface through which the pressurized flow of breathable gas is delivered. Such information may include for example a location on the patient interface at which the integrity of the seal is compromised adjustments that could be made by the subject to enhance the interface between the patient interface and the subject different types and/or sizes of patient interfaces that could be used to enhance the fit and seal between the system and the subject and/or other information .

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4896/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : COPD EXACERBATION PREDICTION SYSTEM AND METHOD

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/288271
(32) Priority Date	:19/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055220
Filing Date	:17/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)CHEUNG Amy Oi Mee
2)ATAKHORRAMI Maryam
3)MORREN Geert Guy Georges

(57) Abstract :

A computer-implemented method for predicting an onset of an exacerbation in a COPD patient is provided. The method includes measuring physical activity of the patient over a period of time to gather physical activity data; measuring a respiration characteristic of the patient over the period of time to gather respiration data; and executing on one or more computer processors one or more computer program modules to detect the onset of the exacerbation based on predetermined criteria wherein the predetermined criteria comprises a comparison of a change in the respiration data with a change in the physical activity data.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4903/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : INFUSION UNIT FOR DRINKS WITH HYDRAULIC CLOSING SYSTEM

(51) International classification	:A47J 31/36
(31) Priority Document No	:FI2009A000268
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055807
Filing Date	:14/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)FAVERO Andrea
2)FERRARO Andrea
3)BERTO Giovanni

(57) Abstract :

The infusion unit (3) comprises a moving element (9) with a seat (15) for ingredients for making said beverages forming an infusion chamber (15) and shifting from a position for charging the ingredients to an infusion position wherein the seat is between a hot water dispensing device (41) and a beverage outlet nozzle (35) opposite one another. The hot water dispensing device (41) comprises a cylinder-piston actuator (43 47) fed by a first conduit (48) of water under pressure that controls a closing movement of the dispensing device (41) towards the seat (15) in infusion position. Moreover the piston (47) of the actuator is associated to a conduit (57) of hot water under pressure. The piston exhibits a feeding chamber (55) of the hot water under pressure with an outlet port on a closing surface (53A) of the infusion chamber.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : INFUSION UNIT FOR DRINKS WITH WASHING SYSTEM

(51) International classification :A47J 31/44
(31) Priority Document No :FI2009A000267
(32) Priority Date :21/12/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/055941
Filing Date :20/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)BALDO Massimo
2)BERTO Giovanni

(57) Abstract :

The infusion unit (3) comprises a moving element (9) with a seat (15) for the ingredients for making sad beverages shifting from a position for charging the ingredients to an infusion position wherein the seat (15) is between a hot water dispensing device (41) and a beverage outlet nozzle (35) opposite one another. The moving element (9) is integral to a washing member (19) which through the movement of the moving element may be positioned between the hot water dispensing device and the beverage outlet nozzle for forming a washing channel wherethrough the water dispensed by the hot water dispensing device flows towards the beverage outlet nozzle.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4905/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSFORMING THREE-DIMENSIONAL MAP OBJECTS TO PRESENT NAVIGATION INFORMATION

(51) International classification	:G06F3/048
(31) Priority Document No	:12/628,632
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2010/050984
Filing Date	:01/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland
(72)**Name of Inventor :**
1)Juha Arrasvuori

(57) Abstract :

An approach is provided for presenting navigation information to a user. An image representing one or more three dimensional map objects is retrieved. A point on one of the map objects is selected. The one map object is transformed at the selected point to represent a navigational element. Presentation of the transformed map object is caused, at least in part, using a graphical user interface of a mobile device.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4963/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : DIVINYLAARENE DIOXIDE RESINS

(51) International classification :C07D303/28

(31) Priority Document No :61/267,946

(32) Priority Date :09/12/2009

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

(86) International Application No :PCT/US2010/059349

Filing Date :08/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Dow Global Technologies LLC

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)MARKS Maurice J.

2)CAMPBELL E. Joseph

(57) Abstract :

A hydrolyzed divinylarene dioxide resin composition including the reaction product of (a) a divinylarene dioxide and (b) water; a process for making the hydrolyzed divinylarene dioxide resin composition; and a curable hydrolyzed divinylarene dioxide resin composition made therefrom. The cured product made from the above hydrolyzed divinylarene dioxide resin composition offers improved properties such as a lower viscosity and a high heat resistance compared to known cured products prepared from known epoxy resins.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4964/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMMUNICATION DEVICE AND METHOD FOR A MOBILE COMMUNICATION NETWORK

(51) International classification :H04W1/725
(31) Priority Document No :TO2009A000865
(32) Priority Date :11/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/055040
Filing Date :05/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Sisvel Technology S.r.l.
Address of Applicant :Via Castagnole 59 I-10060 None
(TO) Italy
(72)Name of Inventor :
1)DAMATO Paolo
2)PREVITI Gianluca

(57) Abstract :

The present invention relates to a device for receiving and transmitting information in a mobile communication network. The device comprises means for making a voice call to a telephone number a memory area for storing said telephone number and at least one identifier of the mobile network operator to which said telephone number belongs. The device further comprises means for retrieving said identifier through the mobile communication network. The latter means extract the network operator identifier of the called number from a message sent automatically when setting up said voice call. The invention also relates to a communication method for a mobile communication network.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4965/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : HYDROXYL-FUNCTIONAL POLYESTER RESINS

(51) International classification :C08G59/18

(31) Priority Document No :61/267,672

(32) Priority Date :08/12/2009

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

(86) International Application No :PCT/US2010/056214

Filing Date :10/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)MARKS Maurice J.

2)JIN Xin

(57) Abstract :

A hydroxyl-functional polyester resin composition including the reaction product of (a) a divinylarene dioxide and (b) at least one dicarboxylic acid; a process for making the hydroxyl-functional polyester resin composition; and a curable hydroxyl-functional polyester resin composition made therefrom. The cured product made from the above curable hydroxyl-functional polyester resin composition is thermally stable and offers improved properties such as a lower viscosity and a high heat resistance compared to known cured products prepared from known epoxy resins.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1483/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS FOR ELIMINATING SLOUDGE FORMATION IN A MACHINE TOOL

(51) International classification	:B23Q11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKTIEBOLAGET SKF
(32) Priority Date	:NA	Address of Applicant :415 50 GOTEORG Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ATUL BACHHAV
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for eliminating sludge formation in a machine tool is disclosed. In one example embodiment, an apparatus for preventing sludge formation in a machine tool that allows a spindle to move relatively to a workpiece to cut the workpiece includes a gaseous discharge means for discharging a gas in a shape of film. The gaseous discharge means is mounted on the machine tool and is adapted to discharge the gas in the shape of film substantially surrounding a cutting area.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1508/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A WIND-MILL

(51) International classification	:F03D3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T BHOOMAIAH CHARY
(32) Priority Date	:NA	Address of Applicant :H.NO. 3-5-50 (3-3-69), KOTAGALLY
(33) Name of priority country	:NA	(VARNI ROAD), DISTRICT: NIZAMABAD, ANDHRA
(86) International Application No	:NA	PRADESH - 503 001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T BHOOMAIAH CHARY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides windmill. The wind mill comprises a central pole and a plurality of blades. Each blade of the plurality of blades is attached to a central pole. The blade includes a triangular top portion, a triangular bottom portion, and at least two rectangular side portions, wherein the triangular top portion and the triangular bottom portion connected by two rectangular side portions to form a hollow therein. Upon placing the plurality of blades connected to the central pole in way of the wind flow, the wind flows into the closed area of the blade thereby offering maximum resistance to the air.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1509/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : A DEVICE FOR EXTRACTING AND COOLING COCONUTS MILK CONTINUOUSLY

(51) International classification	:A23N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VINOD MAHADEVAIAH
(32) Priority Date	:NA	Address of Applicant :BHEMASANDRA VILLAGE, C N
(33) Name of priority country	:NA	HALLI TALUKA, DISTRICT: TUMKUR, KARNATAKA - 572
(86) International Application No	:NA	214 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VINOD MAHADEVAIAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for instant extracting and cooling of coconut milk is described. In one embodiment of the present invention the system comprises of a box made up of iron and having thermocole interior. Sand and other cooling means are used. Instant coconut milk is allowed to exit from one end of the box.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1510/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : PORTABLE CARDAMOM DRYER

(51) International classification	:F03D3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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SAKRABA, PO. PFUTSERO, VILLAGE: SAKRABA BPO,
DISTRICT: PHEK, NAGALAND - 797 107 Netherlands

(72)Name of Inventor :

1)TAVESU VADEO

(57) Abstract :

The present invention provides windmill. The wind mill comprises a central pole and a plurality of blades. Each blade of the plurality of blades is attached to a central pole. The blade includes a triangular top portion, a triangular bottom portion, and at least two rectangular side portions, wherein the triangular top portion and the triangular bottom portion connected by two rectangular side portions to form a hollow therein. Upon placing the plurality of blades connected to the central pole in way of the wind flow, the wind flows into the closed area of the blade thereby offering maximum resistance to the air.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4797/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : COAXIAL LASER ASSISTED COLD SPRAY NOZZLE

(51) International classification	:B05B7/00
(31) Priority Document No	:61/266,639
(32) Priority Date	:04/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058953
Filing Date	:03/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PRAVANSU S. MOHANTY

(57) Abstract :

A cold spray nozzle assembly for applying a coating of particles to a substrate includes a nozzle defining an inner passage with a nozzle exit. The nozzle assembly also includes a particle supply member in communication with the inner passage. The particle supply member supplies the particles to flow and accelerate through the inner passage and out of the nozzle via the nozzle exit toward the substrate to be coated thereon. Furthermore the nozzle assembly includes a laser that emits a laser beam that is transmitted through the inner passage. The laser heats at least one of the particles and the substrate to promote coating of the substrate with the particles.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4880/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR DETERMINING PRIORITY OF COMPONENT CARRIER

(51) International classification	:H04W 74/08
(31) Priority Document No	:201110038331.0
(32) Priority Date	:15/02/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/080355
Filing Date	:29/09/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Wei GOU

2)Shuqiang XIA

3)Zhirong LIN

4)Zijiang MA

(57) Abstract :

A method system and device for determining the priority of a component carrier are disclosed. The method includes: a network control unit and/or a terminal determining the priority of the component carrier according to carrier information about the component carrier. This method system and device can enable the UE to rapidly select a downlink carrier when the periodic CQI/PMI/RI feedback with respect to the downlink carrier conflict and the UE can be notified with no need of additional signaling or only by using the reserved bit or only by way of a little high layer signaling overhead the implementation of which is convenient.

No. of Pages : 29 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4881/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 18/10/2013

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

(51) International classification	:H05B 41/36
(31) Priority Document No	:US20090590449
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/003124
Filing Date	:08/12/2010
(87) International Publication No	: NA
(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)Peting Mark
2)Beyer Dale
3)Shimomura Tsutomu

(57) Abstract :

Light Emitting Diodes (LEDs) are increasingly used in illumination applications. To control multiple Light Emitting Diodes (LEDs) or any other controllable light source this document introduces a single-wire multiple-LED power and control system. Specifically individually controlled LED units are arranged in a series configuration that is driven by a control unit located at the head of the series. Each of the individually controlled LED units may comprise more than one LED that is also individually controllable. The head-end control unit provides both electrical power and control signals down a single wire to drive all of the LED units in the series in a manner that allows each LED unit to be controlled individually or in assigned groups.

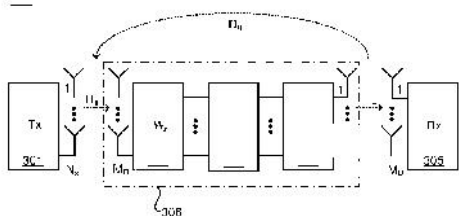
No. of Pages : 91 No. of Claims : 19

(54) Title of the invention : SELF-INTERFERENCE SUPPRESSION IN FULL-DUPLEX MIMO RELAYS

(51) International classification	:H04B7/155,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:61/409,571	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:03/11/2010	Address of Applicant :S-164 83 Stockholm, SWEDEN
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069360	1)LIOLIOU, Panagiota
Filing Date	:03/11/2011	2)VIBERG, Mats
(87) International Publication No	:WO 2012/059555	3)COLDREY, Mikael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, and an apparatus, for self- interference suppression in a relay (300) for wireless communication, wherein the relay (300) is arranged for receiving a signal $r(n)$ transmitted from a transmitter (301), and for transmitting a self-interference suppressed transmit signal $xr(n)$ to a receiver (305). The self-interference suppressed transmit signal $xr(n)$ is achieved by determining (402) a receive suppression filter matrix W_r (302), determining a relay amplification matrix G (303), and determining (403) a transmit suppression filter matrix W_t (304), and then applying the suppression filters and the amplification matrix to the received signal $r(n)$.



No. of Pages : 35 No. of Claims : 10

(54) Title of the invention : RECIPROCATING PISTON FOR A RECIPROCATING PISTON ENGINE AND RECIPROCATING PISTON ENGINE, AND CYLINDER OF A RECIPROCATING-PISTON ENGINE

(51) International classification :F16J1/00,F04B53/14,F02F3/00
 (31) Priority Document No :10 2011 009 094.0
 (32) Priority Date :21/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/070046
 Filing Date :14/11/2011
 (87) International Publication No :WO 2012/097893
 (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)GEIST Bertwin R.

Address of Applicant :Hohenleiten 3a, 82547 Eurasburg,

GERMANY

(72)Name of Inventor :

1)FICHT, Reinhold

(57) Abstract :

The invention relates to a reciprocating piston (1) composed of ceramic material for a reciprocating-piston engine with crank drive wherein the reciprocating piston (1) is rigidly screwed to a piston rod (26) by means of a screw (27; 76), wherein between the reciprocating piston (1) and the piston rod (26) there is braced at least one disc (13; 15) composed of metallic material, wherein the screw (27; 76) is composed of a metallic material, wherein the coefficient of thermal expansion piston of the material of the reciprocating piston (1) is lower than the coefficient of thermal expansion screw of the material of the screw (27; 76), and the disc (13; 15) is an expansion compensation disc (13; 15), wherein the coefficient of thermal expansion disc 1.2 of the material of the expansion compensation disc (13; 15) is greater than the coefficient of thermal expansion screw of the material of the screw (27; 76), and to a reciprocating-piston engine having a reciprocating piston (1) of said type, and to a cylinder of a reciprocating- piston engine having a cylinder of said type.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1684/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : FILTER DEVICE

(51) International classification :B01D29/48,B01D29/52,B01D29/60
(31) Priority Document No :10 2010 054 716.6
(32) Priority Date :16/12/2010
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2011/005251
Filing Date :19/10/2011
(87) International Publication No :WO 2012/079661
(61) Patent of Addition 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)WNUK, Ralf
2)BÖTTCHER, Thomas
3)OLSCHOK, Markus
4)GERSTNER, Jörg Hermann

(57) Abstract :

The invention relates to a filter device comprising at least one filter housing (1) in which at least one filter element (21) is arranged. Inside the filter housing (1), the filter element separates a clean side (9) from an untreated side (13). The device is characterised in that, on the clean side (9) of the respective filter housing (1) at least one storage unit (3) having at least one movable separating element (47) is connected, which divides the storage unit (3) into two working chambers (49) or pressure chambers (43).

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DIRECT DRILL BIT DRIVE FOR TOOLS ON THE BASIS OF A HEAT ENGINE

(51) International classification :E21B4/06,F25B9/14,F01B11/00
(31) Priority Document No :10 2010 050 244.8
(32) Priority Date :30/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001878
Filing Date :21/10/2011
(87) International Publication No :WO 2012/055392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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5)MERTENS, Florian
(72)Name of Inventor :
1)SCHWARZ, Marcus
2)KIRSTEN, Ulf
3)REICH, Matthias
4)RÖNTZSCH, Silke
5)MERTENS, Florian

(57) Abstract :

In a direct drill bit drive for tools for comminuting brittle materials and penetrating into brittle materials by percussive impact on the basis of a heat engine operated with a gaseous working medium, the heat engine is a hot gas engine operating in accordance with a real Stirling cycle process.

No. of Pages : 46 No. of Claims : 15

(54) Title of the invention : METHOD AND APPARATUS FOR OPERATING A DOMESTIC APPLIANCE AND DOMESTIC APPLIANCE

(51) International classification	:H02J3/14,A47L15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 063 757.2	1)BSH BOSCH UND SIEMENS HAUSGER,,TE GMBH
(32) Priority Date	:21/12/2010	Address of Applicant :Carl-Wery-Str. 34, 81739 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/072835	(72)Name of Inventor :
Filing Date	:15/12/2011	1)BÖLDT, Frank
(87) International Publication No	:WO 2012/084663	2)GROSSER, Jörg
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

What is disclosed is: a solution as to how, firstly, costs can be saved in the operation of a domestic appliance and an electrical power supply system can be relieved of load and, secondly, the operation of the domestic appliance (1, 10 to 16) can be started as early as possible. What is specified is: a method for operating a domestic appliance (1, 10 to 16), in which, in relation to at least one operating resource, data with information items relating to a time-related cost profile (KP) of the operating resource are received, said cost profile comprising at least one first time interval (T2, T4) with low costs and one second time interval (T1, T3) with high costs for the operating resource. A time period (T5) for an operation of the domestic appliance (1, 10 to 17) is compared with the first time interval (T2, T4), and a time (t0) for the start of the operation is determined depending on a result of the comparison. If the time period (T5) is longer than the first time interval (T2, T4), a temporal program segment (6, 7, 8) with a higher consumption of the operating resource in comparison with other program segments of the operation is determined on the basis of a time- related consumption profile (VP), which describes consumption of the operating resource by the domestic appliance (1, 10 to 16) during the operation. The time (t0) for the start is determined in such a way that the program segment (6, 7, 8) with the high consumption of the operating resource falls within the first time interval (T2, T4).

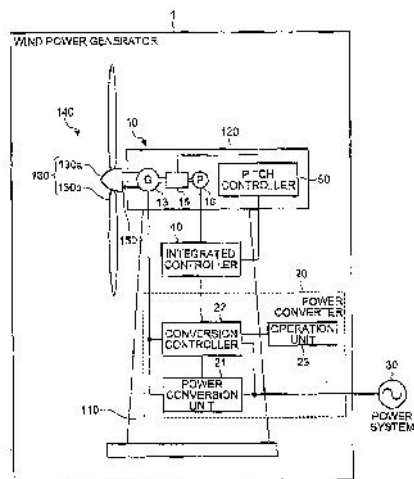
No. of Pages : 25 No. of Claims : 12

(54) Title of the invention : POWER GENERATOR

(51) International classification	:G21B3/00	(71)Name of Applicant :
(31) Priority Document No	:2012-091187	1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	:12/04/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 JAPAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MIYAMOTO YASUHIRO
(61) Patent of Addition to Application Number	:NA	2)NISHI SHINICHI
Filing Date	:NA	3)UTSUNOMIYA MASAYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power generator according to an embodiment includes a hollow shaped speed-increasing gear, a hollow shaped power generation unit, a rotor shaft, and a position detector. With the input shaft and the output shaft of the hollow shaped speed-increasing gear coaxially disposed with a propeller shaft, and coupled to the propeller shaft. With the input shaft of the power generation unit coaxially disposed with the speed-increasing gear, the power generation unit generates power through the output of the speed-increasing gear. The rotor shaft is coaxially disposed with the speed-increasing gear and the power generation unit and rotates integrally with a propeller while being provided in hollow portions of the speed-increasing gear and the power generation unit. The position detector detects a rotational position of the propeller by detecting the rotational position of the rotor shaft.



No. of Pages : 42 No. of Claims : 6

(54) Title of the invention : TOBACCO SEPARATION PROCESS FOR EXTRACTING TOBACCO-DERIVED MATERIALS, AND ASSOCIATED EXTRACTION SYSTEMS

(51) International classification :A24B15/24
 (31) Priority Document No :12/957,821
 (32) Priority Date :01/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/062360
 Filing Date :29/11/2011
 (87) International Publication No :WO 2012/074985
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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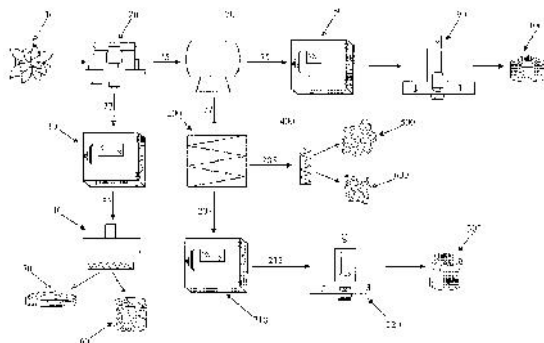
1)MORTON, Joshua D.

2)HUME, Steven D.

3)BRATCHER, Barry

(57) Abstract :

A process of extracting at least one target component from a plant material (10) is provided. The process includes homogenizing a plant material in the presence of an extraction solvent to reduce the plant material to a plant liquid component and a plant pulp component. Each of the components may be further processed to extract specific components therefrom. Specifically, the plant liquid component can be processed to extract a plant -derived starch material, plant -derived proteins, plant - derived sugars, plant -derived sugars, and the like. The plant pulp material can be processed to extract pectin and cellulose. An associated system is also provided.



No. of Pages : 32 No. of Claims : 48

(54) Title of the invention : STATIONARY ELECTRIC POWER SYSTEM AND METHOD FOR MANUFACTURING STATIONARY ELECTRIC POWER SYSTEM

(51) International classification :H01M2/10,H01M10/44
 (31) Priority Document No :2010-258294
 (32) Priority Date :18/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/073618
 Filing Date :14/10/2011
 (87) International Publication No :WO 2012/066882
 (61) Patent of Addition 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)AMAGAI Ryuichi

2)TODOROKI Naoto

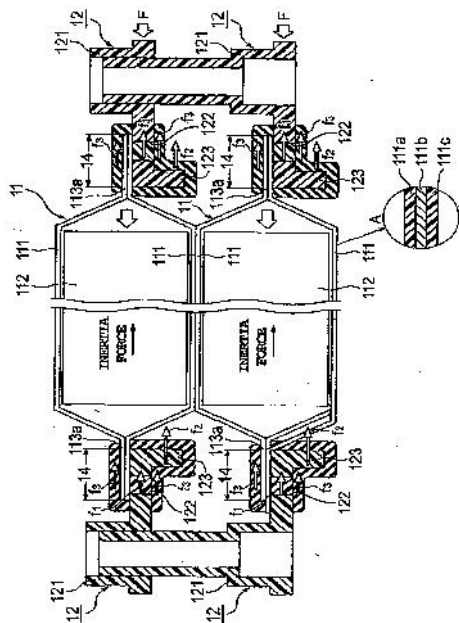
3)IKEZOE Michinori

4)MOTOHASHI Toshiyuki

5)NAGASHIMA Tomio

(57) Abstract :

The present invention provides a thin battery with superior solid state stability. This stationery electric power system is provided with a thin secondary battery connected to an external power load and a charging control device that charges the thin secondary battery by an external power generating element or electric power of a commercial power supply. A power generating element (112) is accommodated inside a laminated film outer cover member (111). A battery main body (11), which is sealed by the outer periphery (113) of that outer cover member, and spacers (12) that are disposed between each other's outer peripheral parts when stacked with other batteries and have affixing parts (121) that affix the battery main body in a prescribed position are provided. In areas that include the superimposed parts (14) of the outer peripheral parts and spacers, which are at least the periphery of the affixing parts among the outer peripheral parts, an elastic resin part (13) is formed by insert molding of an elastic resin, and the outer peripheral parts and spacers are joined. Furthermore, a buffer force for external forces is generated by the elastic resin part (13).



No. of Pages : 55 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1692/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR RETRANSMISSION CONTROL

(51) International classification	:H04L1/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2010/051221
Filing Date	:08/11/2010
(87) International Publication No	:WO 2012/064237
(61) Patent of Addition 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)MANSSOUR, Jawad
2)OSSEIRAN, Afif

(57) Abstract :

A method and arrangement for retransmission control. A method in a sending system entity for controlling retransmissions of data to a sending system entity is provided. Initial data encoded with a first forward error correction code is sent 200 to the receiving system entity. When transmitted initial data is determined to be affected by errors at the receiving system entity, the sending system entity receives 202 a request to retransmit the initial data combined 204 by new data encoded with a second forward error correction code in a combined data stream which is encoded 206 with a third forward error correction code before being sent 208 to the receiving system entity. By combining initial data and encoded new data in a combined data stream when resending, an effective and flexible procedure for retransmissions is achieved, which doesn't introduce any substantial delay of the data.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MANUAL POWER GENERATION DEVICE FOR DRIVING ACTUATOR , AND ACTUATOR DRIVE DEVICE

(51) International classification	:H02K7/18
(31) Priority Document No	:2011-219645
(32) Priority Date	:03/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/069594
Filing Date	:01/08/2012
(87) International Publication No	:WO 2013/051331
(61) Patent of Addition 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)NAGAOKA, hiroshi
2)ISHIBASHI, yoshinori
3)NAGASE, kazuyuki
4)AOKI, tetsurou

(57) Abstract :

[Problem] To increase the applications for a manual power generation device for which applications were limited, and to make same more compact and lightweight. [Solution] In this manual power generation device: a direct-current motor (2) capable of reversible operation and an acceleration mechanism (4) connected to the rotation axis (3) thereof are housed in a container (5); a crank handle connected to an input shaft (6) for the acceleration mechanism (4) and a power supply cable (8) connected to the power-supply side of the direct-current motor (2) are provided on the outside of the container (5); and a connector connectable to a power supply side connector in the direct current motor configuring an actuator is provided on the tip side of this power supply cable (8). The acceleration mechanism (4) has greatly reduced size and weight, as a result of being configured by a worm gear mechanism having the crank handle (7) side as the worm wheel (15) and the direct-current motor (2) side as a multiple-thread screw worm (16).

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1697/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTRIC BED

(51) International classification	:A47C20/04
(31) Priority Document No	:2011-219647
(32) Priority Date	:03/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/069595
Filing Date	:01/08/2012
(87) International Publication No	:WO 2013/051332
(61) Patent of Addition 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)NAGAOKA, hiroshi
2)ISHIBASHI, yoshinori
3)NAGASE, kazuyuki
4)MATSUMOTO, takaki

(57) Abstract :

[Problem] The purpose of the present invention is to increase freedom of design because conventional electric beds had little freedom of design including the installation position of the crank handle. [Solution] In this bed which uses an actuator (9) having a rotational motion- to-linear motion conversion mechanism to raise a floor section and perform an undulating action, the rotating side of the rotational motion-to- linear motion conversion mechanism of the actuator is configured by a DC motor and a deceleration mechanism, and the bed has a configuration whereby power to the DC motor is selectively supplied by a controller (18) connected to a commercial power supply and a manual generator (1) driven by a crank handle (7). The manual generator houses the DC motor capable of reverse operation and an acceleration mechanism in a container (5), and has a configuration whereby a power supply cable (8) and the crank handle connected to the input shaft of the acceleration mechanism are provided on the outside of the container. The acceleration mechanism has greatly reduced size and weight, as a result of being configured from a worm gear mechanism using the crank handle side as a worm wheel and the DC motor side as a multiple-thread screw worm.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1698/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND DEVICES FOR CONFIGURING MEASUREMENT GAP PATTERN IN A COMMUNICATION SYSTEM

(51) International classification :H04W36/00,H04W24/10
(31) Priority Document No :61/411,550
(32) Priority Date :09/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051324
Filing Date :07/11/2011
(87) International Publication No :WO 2012/064262
(61) Patent of Addition 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)KAZMI, Muhammad
2)PROVEDI, Simone

(57) Abstract :

The present invention relates to a method and devices for allowing a communication terminal to configure a measurement gap pattern on a downlink carrier frequency for measurement on a target carrier frequency by said communication terminal, the communication terminal being capable of performing measurements on at least two downlink carrier frequencies without measurement gap, the method comprising: obtaining an indication that there is a need for the measurement gap pattern, for performing the measurement on the target carrier frequency (1); retrieving information about how to configure the measurement gap pattern (2); and determining, based on the retrieved information, the downlink carrier frequency on which the measurement gap pattern is to be configured (3).

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1699/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BENZOXAZEPINES AS INHIBITORS OF PI3K/MTOR AND METHODS OF THEIR USE AND MANUFACTURE

(51) International classification :C07D413/14,A61K31/423
(31) Priority Document No :61/417,142
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062029
Filing Date :23/11/2011
(87) International Publication No :WO 2012/074869
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)EXELIXIS, INC.

Address of Applicant :210 East Grand Avenue, South San Francisco, CA 94080 U.S.A.

(72)Name of Inventor :

1)KENNETH, Rice

(57) Abstract :

The invention is directed to inhibitors of PI3K and mTOR and pharmaceutically acceptable salts or solvates thereof, as well as methods of using them, wherein the inhibitors are of structural Formula I and pharmaceutically acceptable salts thereof, wherein the variables are as defined herein.

No. of Pages : 95 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2013

(21) Application No.1714/KOLNP/2013 A

(43) Publication Date : 18/10/2013

(54) Title of the invention : POWDER CONTAINER, POWDER SUPPLY DEVICE AND IMAGE FORMING APPARATUS

(51) International classification :G03G15/08
(31) Priority Document No :2010-270370
(32) Priority Date :03/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078626
Filing Date :02/12/2011
(87) International Publication No :WO 2012/074139
(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)RICOH COMPANY, LTD.
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(72)Name of Inventor :
1)MATSUMOTO, Junichi
2)KAI, Tsukuru
3)HOSOKAWA, Hiroshi
4)KOMATSU, Makoto
5)HAYAKAWA, Tadashi
6)OZAWA, Yuzuru

(57) Abstract :

Provided is a powder container having a new structure capable of stable discharge and transport of a powder contained in a container by enabling the powder to be reliably discharged to the outside of the package while preventing the powder from spilling and flying out of the container. The powder container has a container body (138) for transporting powder contained therein from a first end side (138a) to a second end side (138b) thereof by self-rotating; a nozzle receiver (139) having a nozzle receiving hole (insertion section) (139a) arranged inside the second end side of the container body and configured to allow a transport nozzle (162) having a powder receiving inlet (170) to be inserted therein, and a supply port 139b arranged in at least a part of the nozzle receiver (139) and configured to supply the powder in the container body (138) to the powder receiving inlet (170); and a shutter (140) supported by the nozzle receiver 139 and configured to open and close the nozzle receiving hole (insertion section) 139a by sliding in response to insertion of the transport nozzle 162 into the nozzle receiver (139).

No. of Pages : 81 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMPOSITIONS AND METHODS

(51) International classification	:A61K39/29,A61P31/14
(31) Priority Document No	:61/417,317
(32) Priority Date	:26/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2011/001534
Filing Date	:25/11/2011
(87) International Publication No	:WO 2012/068637
(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)DRUMMER, HEIDI

2)MCCAFFREY, KATHLEEN

3) POUMBOURIOUS, PANTELIS

(57) Abstract :

The present invention provides a composition comprising hepatitis C virus (HCV) Envelope 2 (E2) glycoprotein, wherein the HCV E2 is substantially monomer depleted HCV E2. Also provide are methods of inducing an HCV immune response.

No. of Pages : 129 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DENSOVIRUS-DERIVED VECTOR FOR GENE TRANSFER IN INSECTS

(51) International classification :C12N15/864,C07K14/435,A01N63/00
(31) Priority Document No:10 04292
(32) Priority Date :02/11/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/005516
Filing Date :02/11/2011
(87) International Publication No :WO 2012/059217
(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)OGLIASTRO, Mylène
2)PERRIN, Aurélie
3)BERGOIN, Max
4)COUSSERANS, François
5)FOURNIER, Philippe

(57) Abstract :

The present invention relates to a vector including: (i) an inverted terminal repeat (ITR) nucleotide sequence at the 5 position; (ii) a nucleotide sequence functionally bonded to a promoter at the central position, said nucleotide sequence coding for a toxin; and (iii) an inverted terminal repeat (ITR) nucleotide sequence at the 3 position, wherein said vector does not include any viral nucleotide sequences of Junonia coenia densovirus other than the ITR sequences according to (i) and (iii). The present invention also relates to a method for producing recombinant and nonreplicative particles of Junonia coenia densovirus (JcDNV) using such a vector. Finally, the present invention relates to the use of recombinant and nonreplicative particles of Junonia coenia densovirus produced according to the above-described method as a moth-control agent.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

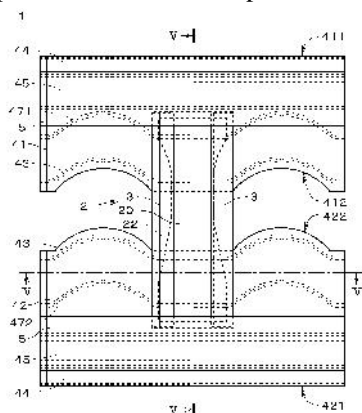
(54) Title of the invention : ABSORBENT PRODUCT AND METHOD OF MANUFACTURING ABSORBENT PRODUCT

(51) International classification :A61F13/49
(31) Priority Document No :2010-251724
(32) Priority Date :10/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/006210
Filing Date :07/11/2011
(87) International Publication No :WO 2012/063460
(61) Patent of Addition 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)TAKAHASHI, Yuki
2)AMANO, Emi

(57) Abstract :

In a disposable diaper in a developed state where a front cover sheet and a rear cover sheet are separated from each other to be developed, as distance in a left-right direction from an absorbent body increases, a lower edge of the rear cover sheet goes away from an upper edge of the rear cover sheet and then goes toward the upper edge. A leg elastic member is bonded on the rear cover sheet along its lower edge, in left and right of the absorbent body. As above, the lower end portion of the rear cover sheet is convex downward in each of left and right of the absorbent body, and lower portions of hips of a wearer are wrapped with the lower end portions. It is therefore possible to suppress leakage of excrement from the lower portions of hips of the wearer.



No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1719/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : OPTICAL COHERENCE TOMOGRAPHY AND ILLUMINATION USING COMMON LIGHT SOURCE

(51) International classification	:A61B18/22,A61F9/008	(71)Name of Applicant :
(31) Priority Document No	:61/421,578	1)ALCON RESEARCH, LTD.
(32) Priority Date	:09/12/2010	Address of Applicant :6201 South Freeway, Fort Worth, Texas
(33) Name of priority country	:U.S.A.	76134-2099 U.S.A.
(86) International Application No	:PCT/US2011/064064	(72)Name of Inventor :
Filing Date	:09/12/2011	1)HUCULAK, John Christopher
(87) International Publication No	:WO 2012/078943	2)YADLOWSKY, Michael
(61) Patent of Addition to Application Number	:NA	3)PAPAC, Michael James
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light source for a surgical system includes a broadband light source operable to produce broadband light. The light source further includes a wavelength splitter adapted to split the broadband light into illumination light having a spectral range covering at least a majority of the visible spectrum and surgical light having a spectral range outside of the spectral range of the illumination light. The light source then includes at least one surgical module adapted to control application of the surgical light. The light source also includes first and second coupling optics. The first coupling optics are configured to optically couple the illumination light to an illumination light guide for delivery to a first surgical probe. The second coupling optics are configured to optically couple the surgical light to a surgical light guide for delivery to a second surgical probe.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1720/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : NOVEL COMPOUND, DYE AND COLORED PHOTSENSITIVE COMPOSITION

(51) International classification :C09B23/00,C07D295/14,C09B67/20
(31) Priority Document No :2011-012991
(32) Priority Date :25/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/080233
Filing Date :27/12/2011
(87) International Publication No :WO 2012/101946
(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)ADEKA CORPORATION
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1)MAEDA, Yosuke
2)SHIMIZU, Masaaki
3)SHIGENO, Koichi

(57) Abstract :

The present invention provides a dye which exhibits excellent solubility and heat resistance and a novel compound suitable for the dye, particularly, a yellow dye which exhibits a maximum absorption wavelength in the region of 420 to 470nm. Further, the present invention provides a colored (alkali-developable) photosensitive composition using the dye, and an optical filter, particularly, a color filter which does not cause brightness deterioration and which is suitable for an image display device such as a liquid crystal display panel. Specifically, the present invention provides a novel compound represented by general formula (1), a dye using the compound, a colored (alkali-developable) photosensitive composition, and a color filter. In general formula (1), each symbol is as defined in the description.

No. of Pages : 73 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1721/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMMUNICATION CONTROL SYSTEM AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W36/14
(31) Priority Document No :2010-264337
(32) Priority Date :26/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076547
Filing Date :17/11/2011
(87) International Publication No :WO 2012/070466
(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)AOYAGI, Kenichiro
2)TAKAHASHI, Hideaki
3)ISHII, Minami

(57) Abstract :

Provided is a communication control system and communication control method wherein when a mobile device transitions to another wireless communication system, even if resources for continuing the set communication bearer cannot be secured at the transition destination, call connection delay is alleviated. An eNB (110) is provided with a handover control unit (115) that, when the connection destination of a mobile device (300) that is connected to an LTE system (10) using a PS bearer switches to a 3G system (20), determines whether to hand over the PS bearer to the 3G system on the basis of the priority order of the PS bearer with respect to a CS bearer.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1722/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SELF-ASSEMBLING POLYMER PARTICLE RELEASE SYSTEM

(51) International classification:B01J13/18,B01J13/22,A01N25/28

(31) Priority Document No :61/411,952

(32) Priority Date :10/11/2010

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

(86) International Application
No :PCT/US2011/060158

Filing Date :10/11/2011

(87) International Publication
No :WO 2012/118537

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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2)WHITMORE, Robert, S. Jr.

3)MONSON, K., David

4)ROSHON, Melissa, S.

5)SPAHR, Kevin, B.

6)RISSER, Steven, M.

(57) Abstract :

Self-assembly is defined as the ability of an active ingredient (A1), when mixed with a polymer or polymers (solid or liquid state), to form either a complex or a strong attraction with the polymer/polymers, which influences the controlled release of the total system. This A1- polymer interaction or strong attraction can form in the solid state or in solution. The A1- polymer interaction also can form when applied to a filter paper, soil, seeds, or plant vegetation substrates, where the A1 and polymer self-assembles into an A1- polymer-substrate matrix or complex that influences how the A1 releases from the complex or matrix in a controlled manner.

No. of Pages : 81 No. of Claims : 11

(54) Title of the invention : METHOD FOR FORMING AN ULTRASONIC TRANSDUCER, AND ASSOCIATED APPARATUS

(51) International classification :B06B1/06,G10K11/00,H01L41/04
 (31) Priority Document No :61/419,552
 (32) Priority Date :03/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/062577
 Filing Date :30/11/2011
 (87) International Publication No :WO 2012/075106
 (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)DAUSCH, David
2)GOODWIN, Scott H.

(57) Abstract :

A method is provided for forming a piezoelectric ultrasonic transducer apparatus having a first electrode deposited on a dielectric layer disposed on a primary substrate. A piezoelectric material is deposited between the first electrode and a second electrode, to form a transducer device. At least the piezoelectric material is patterned such that a portion of the first electrode extends laterally outward therefrom. The primary substrate and the dielectric layer are etched to form a first via extending to the laterally outward portion of the first electrode, and a first conductive material is deposited to substantially fill the first via and form an electrically-conductive engagement with the laterally outward portion of the first electrode. The primary substrate is etched to define a second via extending therethrough, wherein the second via is laterally spaced apart from the first via. An associated method and apparatus are also provided.

No. of Pages : 30 No. of Claims : 40

(54) Title of the invention : ULTRASOUND DEVICE, AND ASSOCIATED CABLE ASSEMBLY

(51) International classification :H01R9/03,H01R13/52,B06B1/06	(71) Name of Applicant :
(31) Priority Document No :61/419,507	1)RESEARCH TRIANGLE INSTITUTE
(32) Priority Date :03/12/2010	Address of Applicant :3040 Cornwallis Road, P.O. Box
(33) Name of priority country :U.S.A.	12194, Research Triangle Park, North Carolina 27709, U.S.A.
(86) International Application No :PCT/US2011/062665	(72) Name of Inventor :
Filing Date :30/11/2011	1)DAUSCH, David
(87) International Publication No :WO 2012/075153	2)CARLSON, James
(61) Patent of Addition to Application Number :NA	3)GILCHRIST, Kristin Hedgepath
Filing Date :NA	4)HALL, Stephen
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

An ultrasound device including an ultrasonic transducer device having a plurality of transducer elements forming a transducer array is provided. Each transducer element includes a piezoelectric material disposed between a first electrode and a second electrode. One of the first and second electrodes is a ground electrode and the other of the first and second electrodes is a signal electrode. The ultrasound device further includes a cable assembly having a plurality of connective signal elements and a plurality of connective ground elements extending in substantially parallel relation therealong. Each connective element is configured to form an electrically-conductive engagement with respective ones of the signal electrodes and the ground electrodes of the transducer elements in the transducer array. The connective ground elements are alternately disposed with the connective signal elements across the cable assembly, to provide shielding between the connective signal elements.

No. of Pages : 57 No. of Claims : 51

(54) Title of the invention : METHOD FOR FORMING AN ULTRASOUND DEVICE, AND ASSOCIATED APPARATUS

(51) International classification :A61N 7/00, B06B 1/06
 (31) Priority Document No :61/419,534
 (32) Priority Date :03/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/062625
 Filing Date :30/11/2011
 (87) International Publication No :WO 2012/075129
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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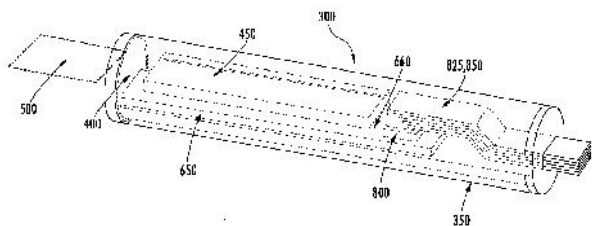
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(72)Name of Inventor :

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(57) Abstract :

A method and apparatus directed to formation of a connection with an ultrasonic transducer apparatus (UTA) comprising a transducer device having first and second electrodes is provided. The UTA is engaged with an interposer device surface. The interposer device is greater in at least one lateral dimension than and extends laterally outward of the UTA, and comprises at least two laterally-extending conductors. A conductive engagement is formed between the first and second electrodes and respective first ends of the conductors. A connection support substrate is engaged with the interposer device about second ends of the conductors, and includes at least two connective elements for forming a conductive engagement with the respective second ends of the conductors. The UTA is then inserted into a catheter member lumen such that the device plane of the UTA and the at least two connective elements extend axially along the lumen.



No. of Pages : 33 No. of Claims : 33

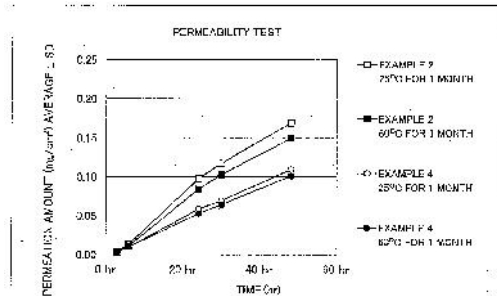
(54) Title of the invention : PATCH

(51) International classification :A61K31/4168,A61K9/70,A61K47/06
 (31) Priority Document No :2010-246906
 (32) Priority Date :02/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/075354
 Filing Date :02/11/2011
 (87) International Publication No :WO 2012/060431
 (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)UDAGAWA, Hiroko
2)INABA Yoshikazu
3)NODA Yukihiro
4)OBATA Kumi
5)TERASHIMA Hiroto

(57) Abstract :

A patch with stable transdermal absorbability, regardless of temperature changes during storage, in a crystallized formulation of clonidine is provided. This patch is characterized by including a backing, and a plaster layer integrally laminated on one surface of the backing, said plaster layer containing 5 to 30 wt% of clonidine containing crystallized clonidine, 25 to 90 wt% of a polymer base (A) having a viscosity average molecular weight of at least 800,000, and 5 to 60 wt% of a liquid additive capable of dissolving the clonidine, wherein the weight ratio of the liquid additive to the polymer base (A) [liquid additive/polymer base (A)] is 0.1 to 2.0.



No. of Pages : 72 No. of Claims : 9

(54) Title of the invention : DEVICE FOR STOPPING A CONTAINER, CONTAINER PROVIDED WITH SUCH A DEVICE, AND METHOD FOR CLOSING A BATCH OF SUCH CONTAINERS

(51) International classification :B65D51/00,A61J1/14,B65D51/24
 (31) Priority Document No :1059682
 (32) Priority Date :24/11/2010
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2011/070815
 Filing Date :23/11/2011
 (87) International Publication No :WO 2012/069538
 (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)ANEAS, Antoine

(57) Abstract :

The invention relates to a stopper device (50) comprising a stopper (51) and a cap (52) consisting of a plastic material and having a ring (53) provided with tabs (537) for locking onto the neck (12) of a container (1) and a body (54) for handling the ring said body being provided with first means (5464) for transmitting a thrust force (E2) to the ring and second means (541) for activating the locking tabs (537). The ring (53) and the handling body (54) are respectively provided with first retaining means (535) and second retaining means (5464) that hold the handling body (54) in a waiting position. The handling body (54) is mobile parallel to the direction of the thrust force (E2) and in relation to the ring (53), between a first position wherein it activates the locking tabs (537) of the ring and is mobile in translation only in the direction of the thrust force (E2), and a second position wherein it also activates the locking tabs (537) and is immobilised in relation to the ring in axial translation. The handling body comprises a first surface (5465) and a second surface (5466), that are cylindrical with a generatrix or in the shape of a truncated cone respectively arranged facing the first means (535) for retaining the ring (53) and the locking tabs (537), on the course of travel of the handling body (54) between its first and second positions. Said locking tabs (537) extend from a continuous edge of the ring and are each arranged in an opening with a closed contour.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1741/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BIFUNCTIONAL MOLECULES WITH ANTIBODY-RECRUITING AND ENTRY INHIBITORY ACTIVITY AGAINST THE HUMAN IMMUNODEFICIENCY VIRUS

(51) International classification :C07D405/14,A61K31/496,A61P31/18
(31) Priority Document No :61/414,977
(32) Priority Date :18/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061174
Filing Date :17/11/2011
(87) International Publication No :WO 2012/068366
(61) Patent of Addition 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)PARKER, Christopher

(57) Abstract :

The present invention is directed to new bifunctional compounds and methods for treating HIV infections. The bifunctional small molecules, generally referred to as ARM-HIs function through orthogonal pathways, by inhibiting the gpl20-CD4 interaction, and by recruiting anti-DNP antibodies to gpl20 expressing cells, thereby preventing cell infection and spread of HIV. It has been shown that ARM-HI s bind to gpl20 and gp 120 expressing cells competitively with CD4, thereby decreasing viral infectivity as shown by an MT-2 cell assay, the binding leading to formation of a ternary complex by recruiting anti DNP antibodies to bind thereto the antibodies present in the ternary complex promoting the complement dependent destruction of the gpl20 expressing cells. Compounds and methods are described herein.

No. of Pages : 87 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : OVERSIGHT CONTROL OF AN ADAPTIVE NOISE CANCELER IN A PERSONAL AUDIO DEVICE

(51) International classification	:G10K11/178
(31) Priority Document No	:61/419,527
(32) Priority Date	:03/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/062968
Filing Date	:01/12/2011
(87) International Publication No	:WO 2012/075343
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MILANI, Abdollahzadeh
3)KWATRA, Nitin
4)ZHOU, Dayong
5)LU, Yang
6)ALDERSON, Jeffrey

(57) Abstract :

A personal audio device, such as a wireless telephone, includes an adaptive noise canceling (ANC) circuit that adaptively generates an anti noise signal from a reference microphone signal and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone is also provided proximate the speaker to measure the ambient sounds and transducer output near the transducer, thus providing an indication of the effectiveness of the noise canceling. A processing circuit uses the reference and/or error microphone optionally along with a microphone provided for capturing near end speech, to determine whether the ANC circuit is incorrectly adapting or may incorrectly adapt to the instant acoustic environment and/or whether the anti noise signal may be incorrect and/or disruptive and then take action in the processing circuit to prevent or remedy such conditions.

No. of Pages : 45 No. of Claims : 60

(54) Title of the invention : HIGH-STRENGTH COLD-ROLLED STEEL SHEET HAVING EXCELLENT DEEP-DRAWABILITY AND BAKE HARDENABILITY, AND METHOD FOR MANUFACTURING SAME

(51) International classification:C22C38/14,C22C38/58,C21D9/48

(31) Priority Document No :2010-248119

(32) Priority Date :05/11/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/074939
Filing Date :28/10/2011

(87) International Publication No :WO 2012/060294

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAGATAKI Yasunobu

(57) Abstract :

The present invention provides a high-strength cold-rolled steel sheet having excellent deep- drawability and bake hardenability, a tensile strength of 440 MPa or greater, an average r value of 1.20 or greater, and a bake hardening value of 40 MPa or greater by a process in which a steel raw material containing, in terms of mass%, 0.010 to 0.06% C, between 0.5% and 1.5% Si, 1.0 to 3.0% Mn, 0.010 to 0.090% Nb, and 0.015 to 0.15% Ti, and having a component composition satisfying conditions of $(Nb/93)/(C/12) < 0.20$ and a solid-solution C content of 0.005 to 0.025%, is hot rolled and cold rolled, then annealed by heating from a temperature of 700 to 800°C to a temperature of 800 to 900°C at an average temperature increase rate of less than 3°C/s, soaking, and then cooling at 5°C/s or faster from the soaking temperature to a cooling stop temperature of 500°C or below to obtain a formation which includes a ferrite phase having an area ratio of 70% or greater and a martensite phase having an area ratio of 3% or greater.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1754/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PARALLEL CYCLE HEAT ENGINES

(51) International classification :F01K23/10,F01K25/02,F01K7/16

(31) Priority Document No :61/417,789

(32) Priority Date :29/11/2010

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

(86) International Application No :PCT/US2011/062198

Filing Date :28/11/2011

(87) International Publication No :WO 2012/074905

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)VERMEERSCH, Michael L.

3)XIE, Tao

4)MILLER, Jason D.

(57) Abstract :

Waste heat energy conversion cycles, systems and devices use multiple waste heat exchangers arranged in series in a waste heat stream, and multiple thermodynamic cycles run in parallel with the waste heat exchangers in order to maximize thermal energy extraction from the waste heat stream by a working fluid. The parallel cycles operate in different temperature ranges with a lower temperature work output used to drive a working fluid pump. A working fluid mass management system is integrated into or connected to the cycles.

No. of Pages : 35 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BENZOXAZEPINES AS INHIBITORS OF P13K/M TOR AND METHODS OF THEIR USE AND MANUFACTURE

(51) International classification :C07D413/04,C07D413/14,C07D471/04
(31) Priority Document No :61/417,165
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062025
Filing Date :23/11/2011
(87) International Publication No :WO 2012/071501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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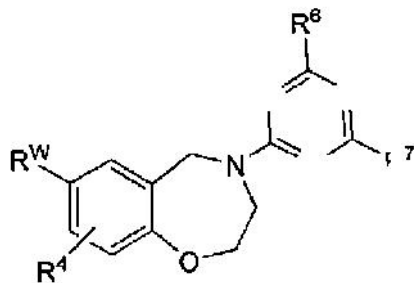
Address of Applicant :210 East Grand Avenue, South San Francisco, CA 94080 U.S.A.

(72)Name of Inventor :

1)RICE, Kenneth

(57) Abstract :

The invention is directed to inhibitors of mTOR and pharmaceutically acceptable salts or solvates thereof, as well as methods of using them. The inhibitors are generally of structural formula I and pharmaceutically acceptable salts thereof, wherein the variables are as defined herein.



No. of Pages : 130 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1756/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS AND METHOD

(51) International classification :B01J8/22,B01J8/00,C07C67/08
(31) Priority Document No :1116382.1
(32) Priority Date :22/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052098
Filing Date :24/08/2012
(87) International Publication No :WO 2013/041836
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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6LG U.K.
(72)Name of Inventor :
1)MCKINLEY, Donald Hugh
2)HENSAMAN, John Richard
3)KIPPAX, John Wilson

(57) Abstract :

An apparatus for use in heterogeneous catalytic reactions comprising a column reactor comprising a plurality of trays mounted one above another, each adapted to hold a predetermined liquid volume and a charge of particles of a solid catalyst thereon; means for introducing a liquid phase reactant above the uppermost tray; means for introducing a vapour phase reactant below the lowermost tray; means for removing a liquid phase post-reaction stream from below the lowermost tray; means for removing a vapour phase post reaction stream from above the uppermost tray; vapour upcomer means associated with each tray adapted to allow vapour to enter that tray from below; underflow means associated with each tray adapted to remove liquid from that tray and the column reactor before being introduced into the column reactor at a lower tray; means for temporarily directing said liquid removed from a tray to bypass at least one lower tray and be reintroduced to the column reactor at a tray located below said at least one bypassed tray; means for removing the liquid and catalyst from said at least one bypassed tray: and means for replacing a liquid and catalyst inventory on said at least one bypassed tray.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : REFRACTORY PRODUCT HAVING A HIGH CONTENT OF ZIRCONIA

(51) International classification :C03B5/43,C04B35/48,C04B35/484
(31) Priority Document No :1060659
(32) Priority Date :16/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/IB2011/055715
Filing Date :15/12/2011
(87) International Publication No :WO 2012/080981
(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)GAUBIL, Michel
2)MASSARD, Ludovic

(57) Abstract :

The invention relates to a process for manufacturing a refractory product, comprising the following successive steps: a) mixing of raw materials so as to form a suitable feedstock so that the block obtained in step d) comprises more than 85% of ZrO₂, b) melting of said feedstock until a molten material is obtained, c) optionally, casting said molten material, d) cooling of the molten material to solidification in the form of a block; e) optionally, heat treatment, process comprising a compression operation in which a compression pressure of greater than 0.2 MPa is applied to at least one portion of the outer surface of the block obtained in step d), the compression operation beginning at a temperature above the temperature at which, in said block, tetragonal zirconia is converted to monoclinic zirconia or phase transformation temperature, and ending at a temperature below said phase transformation temperature.

No. of Pages : 16 No. of Claims : 14

(54) Title of the invention : APPARATUS UTILIZING BUOYANCY FORCES AND METHOD FOR USING SAME

(51) International classification :F03B17/02,F03B13/06,F03B13/00
 (31) Priority Document No :61/411,772
 (32) Priority Date :09/11/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/060036
 Filing Date :09/11/2011
 (87) International Publication No :WO 2012/064877
 (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)TRAVIS, Wayne, S.

(57) Abstract :

An apparatus has a tank with an open top, a tank wall, and a closed bottom. A first ringwall extends from the bottom such that a first annular space is defined by the first ringwall and the tank wall, and a second annular space is defined by the first ringwall. A second ringwall extends in the second annular space, and defines a third annular space between the first ringwall and the second ringwall, and a cylindrical space. An air conduit extends through the cylindrical space. A pod disposed into the cylindrical space has a closed chamber and a displacement chamber. An inner riser disposed in the third annular space has an open bottom, and rests onto the inner ringwall. An outer riser rests onto the outer ringwall and is disposed in the first annular space and has a closed top, a wall, and an open bottom.

No. of Pages : 57 No. of Claims : 6

(54) Title of the invention : GROUP MESSAGE BASED CARRIER AGGREGATION CONTROL

(51) International classification :H04W72/12,H04L5/00,H04W72/04
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country:NA
 (86) International Application No :PCT/EP2010/067309
 Filing Date :11/11/2010
 (87) International Publication No :WO 2012/062371
 (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)SACHS, Joachim
2)BALDEMAIR, Robert
3)IRNICH, Tim
4)KRONANDER, Jonas

(57) Abstract :

A mobile communication system includes a network based aggregation controller (110) for controlling aggregation of component carriers (32, 42, 52) from a first spectrum (30) and a second spectrum (40, 50). In addition, the mobile communication system includes a group of mobile terminals (10-1, 10-2). The network based aggregation controller (110) is configured to send a group message on at least one component carrier (32) of the first spectrum (30) to the group of mobile terminals (10-1, 10-2). The mobile terminals (10-1, 10-2) receive the group message. A terminal based aggregation controller (11) in each of the mobile terminals (10-1, 10-2) is configured to control operation of the respective mobile terminal (10-1, 10-2) with respect to the at least one component carrier (42, 52) of the second spectrum (40, 50). This control is accomplished in response to the received group message.

No. of Pages : 37 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1762/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHODS AND NETWORK NODES FOR CONFIGURING ALMOST BLANK SUBFRAME TRANSMISSION PATTERNS AND CORRESPONDING MEASUREMENT PATTERNS FOR REDUCING INTERCELL INTERFERENCE IN AN HETEROGENEOUS CELLULAR RADIO COMMUNICATION SYSTEM

(51) International classification :H04W24/10,H04W84/04,H04W72/04
(31) Priority Document No :61/412,601
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051333
Filing Date :08/11/2011
(87) International Publication No :WO 2012/064265
(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)SIOMINA, Iana
2)VOLTOLINA, Elena

(57) Abstract :

A method and a network node (110, 120, 140) for enabling configuration of at least two patterns for a cell (C0) are provided. The patterns are transmission patterns or measurement patterns. The network node (110, 120, 140) obtains (402) the at least two patterns. Each of the at least two patterns is associated with information about a respective restricted area (A1, A2) such that each pattern is used when a user equipment (130) served by the cell (C0) is located in the respective restricted area. Each respective restricted area (A1, A2) is smaller than an entire area of the cell (C0). Moreover, a method and a user equipment (130) for configuring measurements are provided. The user equipment (130) is served by a cell (C0, C1, C2) of a radio base station (110, 120, 140). The user equipment (130) receives at least two measurement patterns from the radio base station. Each measurement pattern is associated with a respective restricted area. Each respective restricted area is smaller than an entire area of the cell, The user equipment (130) obtains information about the respective restricted area.

No. of Pages : 55 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1673/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : GAS VALVE UNIT COMPRISING AN ACTUATION MECHANISM FOR A SOLENOID VALVE

(51) International classification	:F23N1/00
(31) Priority Document No	:10290654.2
(32) Priority Date	:14/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/072059
Filing Date	:07/12/2011
(87) International Publication No	:WO 2012/080055
(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)NAUMANN, Jörn

(57) Abstract :

The invention relates to a gas valve unit for adjusting a gas volume flow fed to a gas burner of a gas appliance, in particular a gas cooker. Said gas valve unit has a valve housing (20), an actuation pin (31) for adjusting a cross-section of the opening in the gas valve unit, and an additional shutoff valve (40). A movement of the actuation pin (31) can be transferred to the shutoff valve (40) by means of a slidable connection element (45). According to the invention, the connection element (45) has at least one spring (45b). According to a further development of the invention, the spring (45b) of the connection element (45) is designed as a compression spring. The spring (45b) of the connection element (45) is designed as a coil spring, preferably a coil spring having a variable coil diameter.

No. of Pages : 25 No. of Claims : 15

(54) Title of the invention : SOUND ACQUISITION VIA THE EXTRACTION OF GEOMETRICAL INFORMATION FROM DIRECTION OF ARRIVAL ESTIMATES

(51) International classification :H04R3/00,G10L19/00
 (31) Priority Document No :61/419,623
 (32) Priority Date :03/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2011/071629
 Filing Date :02/12/2011
 (87) International Publication No :WO 2012/072798
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)KÜCH, Fabian

3)KALLINGER, Markus

4)DEL GALDO, Giovanni

5)THIERGART, Oliver

6)MAHNE, Dirk

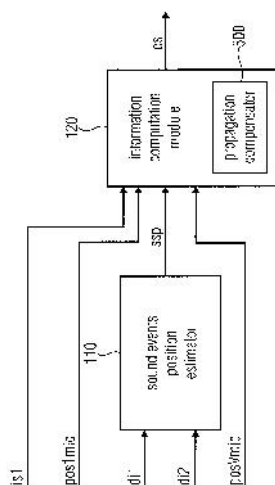
7)KUNTZ, Achim

8)KRATSCHMER, Michael

9)CRACIUN, Alexandra

(57) Abstract :

An apparatus for generating an audio output signal to simulate a recording of a virtual microphone at a configurable virtual position in an environment is provided. The apparatus comprises a sound events position estimator and an information computation module (120). The sound events position estimator (110) is adapted to estimate a sound source position indicating a position of a sound source in the environment, wherein the sound events position estimator (110) is adapted to estimate the sound source position based on a first direction information provided by a first real spatial microphone being located at a first real microphone position in the environment, and based on a second direction information provided by a second real spatial microphone being located at a second real microphone position in the environment. The information computation module (120) is adapted to generate the audio output signal based on a first recorded audio input signal, based on the first real microphone position, based on the virtual position of the virtual microphone, and based on the sound source position.



No. of Pages : 61 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1772/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESSING METHOD FOR BIOLOGICAL MATERIAL TO PRODUCE A WATER-RETAINING POLYMER COMPLEX

(51) International classification :C05F1/00,C05G3/00,C05G3/04
(31) Priority Document No :1019417.3
(32) Priority Date :17/11/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052243
Filing Date :17/11/2011
(87) International Publication No :WO 2012/066333
(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)MORRIS-WATSON, Michael

2)GHAREGHANI, Arjomand, Mohammadi

(57) Abstract :

The inventors provide a method of processing biological material into a water- retaining polymer complex, a water- retaining polymer complex obtained from said method, and the use of said water- retaining polymer complex to improve the water retention and/or nutrient content of soil. The method comprises the steps of providing said biological material, an alkaline solution and a monomer, then adding a polymerisation agent to form a water- retaining polymer complex.

No. of Pages : 19 No. of Claims : 19

(54) Title of the invention : METHOD FOR REMOTELY DELIVERING A FULL SUBSCRIPTION PROFILE TO A UICC OVER IP

(51) International classification	:H04W8/20,G06F21/00,H04L29/06
(31) Priority Document No	:10306359.0
(32) Priority Date	:06/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/071675
Filing Date	:02/12/2011
(87) International Publication No	:WO 2012/076425
(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)BERARD, Xavier
2)GACHON, Denis

(57) Abstract :

The invention proposes a method consisting in: - opening (102), at the request of the UICC (101), a data channel between the terminal and the server; - performing a mutual authentication between the UICC and the server by using the bootstrap credentials; - requesting (105, 107), from the UICC to the server, the delivery of a subscription profile by using the unique serial number; - if a subscription profile exists for the UICC, downloading (106, 108) the subscription profile to the UICC.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1774/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR MANAGING CONTENT ON A SECURE ELEMENT CONNECTED TO AN EQUIPMENT

(51) International classification :H04W8/20,G06F21/00,H04L29/06
(31) Priority Document No :10306359.0
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071781
Filing Date :05/12/2011
(87) International Publication No :WO 2012/076482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PROUST, Philippe

(57) Abstract :

The invention concerns a method for managing content on a secure element (20) connected to an equipment (21), this content being managed on the secure element from a distant administrative platform (22). According to the invention, the method consists in: Establishing, at the level of the administrative platform a secure channel between the equipment (21) and the administrative platform (22), thanks to session keys generated by the secure element (20) and transmitted to the equipment (21); - Transmitting to the administrative platform (22) a request to manage content of the secure element (20); - Verifying at the level of the administrative platform (22) that this request originates from the same secure element (20) that has generated the session keys and, if positive, authorizing the management and, if negative, forbid this management.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1677/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND WIRELESS BASE STATION

(51) International classification :H04W72/04 H04W
92/20
(31) Priority Document No :2010-253712
(32) Priority Date :12/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076033
Filing Date :11/11/2011
(87) International Publication No :WO 2012/063932
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ABE, TETSUSHI
3)IWAMURA, MIKIO

(57) Abstract :

Provided is a mobile communication method including a step A of transmitting, by a mobile station UE, Measurement Report including measurement results of radio qualities of neighboring cells #2 to #4 in a downlink to a radio base station eNB#1 that manages a cell #1 in which the mobile station UE is in communication, a step B of selecting, by the radio base station eNB#1, the cell #2 from among the neighboring cells #2 to #4 on the basis of the Measurement Report, and a step C of transmitting, by the radio base station eNB#1, DL HI indication indicating an influence of interference on the mobile station UE in a downlink direction being strong to a radio base station eNB#2 that manages the cell #2.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1678/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : LONGITUDINAL ADJUSTMENT DEVICE FOR A MOTOR VEHICLE SEAT, COMPRISING TWO PAIRS OF RAILS

(51) International classification :B60N2/02,B60N2/08,B60N2/07
(31) Priority Document No :10 2010 064 401.3
(32) Priority Date :30/12/2010
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2011/069361
Filing Date :03/11/2011
(87) International Publication No :WO 2012/089373
(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)BENEKER, Wilfried
2)TEER, Antal
3)BECKER, Burckhard

(57) Abstract :

The longitudinal adjustment device for a motor vehicle seat has two pairs of rails (20). It comprises a locking device for each pair of rails (20). It has a common actuating unit (13) for the two locking devices (22, 24), said unit interacting with both locking devices (22, 24) and comprising a handle (32). The actuating unit (13) has an electric drive motor (36), a gearbox (46) which is connected to said electric drive motor (36), an actuator (48) and preferably a setting unit.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1780/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

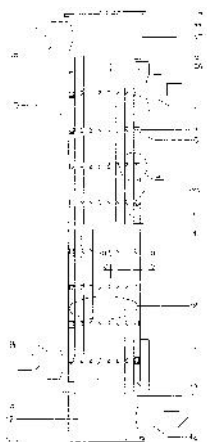
(54) Title of the invention : A SHELL AND TUBE HEAT EXCHANGER

(51) International classification :F28F9/013,F28D7/16
(31) Priority Document No :10397525.6
(32) Priority Date :21/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/FI2011/051095
Filing Date :09/12/2011
(87) International Publication No :WO 2012/085337
(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)ARTAMO, Arvi
2)JUHOLA, Pentti

(57) Abstract :

The present invention concerns a shell and tube heat exchanger comprising heat surface tubes (6) surrounded by a shell (1), said tubes communicating with an inlet end chamber (11) through a tube sheet (5) at one end and with an outlet end chamber (12) through a tube sheet (4) at the other end, and in the shell side of the tube heat exchanger there is at least one baffle plate (7) made of flat strips (21) for supporting the heat surface tubes (6) and guiding the shell side flow. The invention is characterized in that the flat strips (21) forming the baffle plate (7) are straight and thinner than the distance between the tubes (6) to be supported, and that the required support is achieved by placing each flat strip (21) of the baffle plate (7) in an inclined position with respect to the heat surface tubes (6) so that one of the crosswise edges of the flat strip (21) is supporting one and the other is supporting the other of adjacent tubes (6).



No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1781/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND MOBILE STATION

(51) International classification :H04W48/10
(31) Priority Document No :2010-266246
(32) Priority Date :30/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076549
Filing Date :17/11/2011
(87) International Publication No :WO 2012/073715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKAHASHI, Hideaki
3)HAPSARI, Wuri Andarmawanti

(57) Abstract :

This mobile communication method involves: a step (A) in which a wireless base station (eNB) broadcasts, within a cell managed thereby, information (ac-Barring For TYPE x) for barring access separately in accordance with the types of EPS bearers; and a step (B) in which a mobile station (UE) determines whether or not to transmit a call origination request depending on whether the information (ac-Barring For TYPE x) corresponding to the type of EPS bearer that has been set for the destination (APN) of the call origination request has been broadcast or not within the standby cell.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1782/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, SUBSCRIBER MANAGEMENT SERVER, AND MOBILE MANAGEMENT NODE

(51) International classification	:H04W24/10
(31) Priority Document No	:2010-267205
(32) Priority Date	:30/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/076550
Filing Date	:17/11/2011
(87) International Publication No	:WO 2012/073716
(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)HAPSARI, Wuri Andarmawanti
2)TAKAHASHI, Hideaki

(57) Abstract :

A mobile communication method according to the present invention comprises: a step (A) in which an operation maintenance server (EM) transmits MDT config to a subscriber management server (HSS); and a step (B) in which the execution of MDT measurement processing is instructed for a target mobile station (UE) by way of a mobile management node (MME) and a wireless base station (eNB) when the subscriber management server (HSS) has approved the MDT measurement processing for the target mobile station (UE).

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1679/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DETERMINATION OF TISSUE OXYGENATION IN VIVO

(51) International classification :A61B5/1455,A61B5/1477
(31) Priority Document No :61/409,793
(32) Priority Date :03/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059121
Filing Date :03/11/2011
(87) International Publication No :WO 2012/061584
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ARAKAKI, Lorilee

3)CIESIELSKI, Wayne

4)SHAVER, Jeremy

(57) Abstract :

A system and method for noninvasively determining the oxygenation of a tissue, for example, a muscle, in vivo uses optical methods to optically interrogate the tissue in both a visible wavelength range and a near infrared (NIR) wavelength range. The illuminating light is sculpted in intensity to approximately match the absorbance spectrum, for example, with the visible light having an intensity an order of magnitude greater than the NIR light. Training data is obtained from healthy patients in both the visible and NIR ranges simultaneously and used to calculate muscle oxygenation.

No. of Pages : 31 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1680/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CATALYST PRECURSOR AND CATALYST FOR THE HIGH-TEMPERATURE (CO)POLYMERIZATION OF ALPHA-OLEFINS

(51) International classification :C08F10/02,C08F4/658
(31) Priority Document No :MI2010A002332
(32) Priority Date :20/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/073367
Filing Date :20/12/2011
(87) International Publication No :WO 2012/084920
(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)MASI, Francesco

2)MENCONI, Francesco

3)CONTI, Giuseppe

4)POLESELLO, Mario

5)ZANELATO, Alberto

(57) Abstract :

A precursor for the formation of catalysts for the (co)polymerization of -olefins, comprising titanium, magnesium, at least one metal selected from hafnium and zirconium, aluminum and chlorine, obtained with a process comprising treatment with a siloxane compound. Said solid precursor, used in combination with a suitable co-catalyst in high-temperature (co)polymerization processes of -olefins, shows an improved productivity, a high incorporation of co-monomers in the copolymerization of ethylene and an increased thermal stability with respect to the systems so far in use.

No. of Pages : 44 No. of Claims : 20

(54) Title of the invention : STARTING METHOD AND STARTING DEVICE FOR STARTING A COMBUSTION ENGINE AND/OR DRIVING A VEHICLE

(51) International classification :F02N15/02,F02N15/04,F02N5/04
 (31) Priority Document No :2005722
 (32) Priority Date :18/11/2010
 (33) Name of priority country :Netherlands
 (86) International Application No :PCT/NL2011/050794
 Filing Date :22/11/2011
 (87) International Publication No :WO 2012/067513
 (61) Patent of Addition 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 :

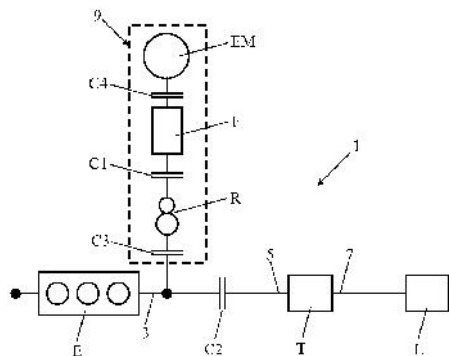
1)VAN DRUTEN,Roëll Marie

2)SERRARENS, Alexander, Franciscus, Anita

3)VROEMEN, Bas Gerard

(57) Abstract :

A combustion engine E can be started by means of a starting device 9. During the starting operation attendant with the starting device 9 driving the vehicle 1 this driving is also effected by energizing a clutch C2 which connects the combustion engine E via a transmission T to the wheels L of the vehicle. By utilizing the starting device for the starting operation also for meanwhile driving the vehicle and/or accelerating same, a faster and/or more gradual drive/acceleration of the vehicle is realized.



No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1783/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR DOWNLOADING A SUBSCRIPTION IN AN UICC EMBEDDED IN A TERMINAL

(51) International classification :H04W8/20,G06F21/00,H04L29/06
(31) Priority Document No :10306359.0
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071674
Filing Date :02/12/2011
(87) International Publication No :WO 2012/076424
(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)GEMALTO SA
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(72)Name of Inventor :
1)BRADLEY, Paul

(57) Abstract :

The invention proposes a method for downloading a subscription in an UICC embedded in a terminal, this method consisting in: transferring an ICCID to the terminal; sending the ICCID over an IP link to a secure vault; selecting in the secure vault a subscription corresponding to the ICCID; transmitting the subscription to the terminal over the IP link; storing the subscription in the terminal.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1786/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SEALING MATERIAL OF POLYPROPYLENE WITH HIGH MELTING TEMPERATURE

(51) International classification	:C08L23/14,C08J5/18	(71)Name of Applicant :
(31) Priority Document No	:11150026.0	1)BOREALIS AG
(32) Priority Date	:03/01/2011	Address of Applicant :IZD TOWER WAGRAMERSTRA E
(33) Name of priority country	:EPO	17-19 A-1220 VIENNA,AUSTRIA
(86) International Application No	:PCT/EP2012/050002	(72)Name of Inventor :
Filing Date	:02/01/2012	1)REICHELT, KRISTIN
(87) International Publication No	:WO 2012/093099	2)STOCKREITER, WOLFGANG
(61) Patent of Addition to Application Number	:NA	3)AGUAYO ARELLANO, PABLO IVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: Polypropylene composition comprising propylene homopolymer(H-PP) and a propylene copolymer (C-PP), said copolmyer comprises (a) a propylene copolymer fraction (A) having a comonomer content of equal or above 1.0 wt.-%, the comomers are C5 to C12 -olefins, and (b) a propylene copolymer fraction (B) having a comonomer content of 4.0 to 20.0 wt- %, the comomers are C5 to C12 -olefins, wherein further (i) the comonomer content in propylene copolymer fraction (A) is lower compared to the comonomer content in the propylene copolymer fraction (B), (ii) the propylene copolymer (C-PP)has a comonomer content of at least 2.0 wt.-%, the comomers are C5 to C12 -olefins, (iii) the weight ratio [(A)/(B)] of the propylene copolymer fraction (A) to the propylene copolymer fraction (B) is in the range of 20/80 to 80/20, and (iv) the weight ratio [(C-PP)/(H-PP)] of the propylene copolymer (C-PP) to the propylene homopolymer(H-PP) is in the range of 95/5 to 75/25.

No. of Pages : 49 No. of Claims : 15

(54) Title of the invention : SMOKELESS TOBACCO PASTILLE AND INJECTION MOULDING PROCESS FOR FORMING SMOKELESS TOBACCO PRODUCTS

(51) International classification :A24B15/30,A24B13/00
 (31) Priority Document No :12/957,838
 (32) Priority Date :01/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/061996
 Filing Date :23/11/2011
 (87) International Publication No :WO 2012/074865
 (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)CANTRELL, Daniel Verdin
2)BOUTIN, Robert Frank
3)HINKEMEYER, Thomas

(57) Abstract :

A smokeless tobacco composition configured for insertion into the mouth of a user is provided. The smokeless tobacco composition includes a tobacco material and a polysaccharide filler component such as polydextrose. A process for preparing a smokeless tobacco composition pastille configured for insertion into the mouth of a user is also provided. The process includes mixing a tobacco material with a binder and a polysaccharide filler component to form a smokeless tobacco mixture, injection molding the smokeless tobacco mixture, and cooling the smokeless tobacco mixture to form a solidified smokeless tobacco composition pastille. The mixing step can include forming a dry blend of the tobacco, filler, and binder components, and combining the dry blend with a viscous liquid component. The injection molded pastille can provide a dissolvable and lightly chewable product.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SMOKELESS TOBACCO PASTILLE AND MOULDING PROCESS FOR FORMING SMOKELESS TOBACCO PRODUCTS

(51) International classification :A24B15/12,A24B15/30,A23G3/48
(31) Priority Document No :12/957,821
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062441
Filing Date :29/11/2011
(87) International Publication No :WO 2012/075035
(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)HINKEMEYER, Thomas
7)JACKSON, Thaddeus, J.

(57) Abstract :

A smokeless tobacco composition configured for insertion into the mouth of a user is provided. The smokeless tobacco composition includes a tobacco material, a sugar alcohol, and a natural gum binder component, wherein the composition is in the form of a pastille. A process for preparing a smokeless tobacco composition pastille configured for insertion into the mouth of a user is also provided. The process includes providing an aqueous mixture comprising a hydrated natural gum binder component, mixing a tobacco material with the aqueous mixture to form a smokeless tobacco mixture, heating the smokeless tobacco mixture, depositing the heated smokeless tobacco mixture into a mould, and curing the smokeless tobacco mixture to form a smokeless tobacco composition pastille.

No. of Pages : 54 No. of Claims : 44

(54) Title of the invention : METHOD FOR CONTROLLING MOVEMENT OF TRAVELLING CARRIERS

(51) International classification :G05D1/02,B65G1/00,B65G35/00

(31) Priority Document No :2011-020547

(32) Priority Date :02/02/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/051836

Filing Date :27/01/2012

(87) International Publication No :WO 2012/105451

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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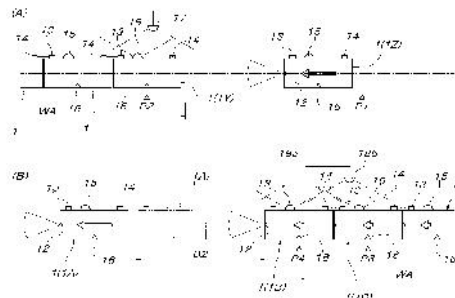
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1)YOKOTA ,TOSHIAKI**2)MIYOSHI, KAZUHIKO****3)KAMEI, MASATSUGU****4)ISEKI, ATSUNOBU**

(57) Abstract :

A method for controlling the movement of travelling carriers. Each travelling carrier (1) is provided with data-communication means (13 and 14), which communicate with adjacent travelling carriers (1) in front and behind, and a device-side communication device (15), which communicates with ground-side communication devices. Said ground side communication devices (18a and 18b) are located at one end of a work segment (WA) and send passage-permission signals to the device-side communication devices (15) on passing travelling carriers (1). This method is characterized by the use of said data-communication means, device-side communication devices, and ground-side communication devices and is further characterized in that the ground-side communication devices (18a and 18b) transmit passage-permission signals, via the device-side communication devices (15) and the data-communication means (13 and 14), to all travelling carriers (1) in the work segment (WA).



No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1793/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMPOUND FOR THE TREATMENT OF TUMOURS AND TUMOUR METASTASES

(51) International classification :C07D213/38,C07D213/26,A61K31/4418
(31) Priority Document No :10193751.4
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071630
Filing Date :02/12/2011
(87) International Publication No :WO 2012/076413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)THOMAS,RUSSEL J.
3)MINETTO, GIACOMO
4)BELLINI, MARTA
5)WIEDENAU, PAUL H.
6)BETTI, MATTEO

(57) Abstract :

The invention relates to a Smoothened receptor ligand which antagonises the Hedgehog pathway, to pharmaceutical compositions and therapeutic applications thereof, processes for obtaining this compound and novel intermediates useful in these processes.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1794/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSCIEIVING MULTICAST TRAFFIC IN A WIRELESS ACCESS SYSTEM SUPPORTING MACHINE-TO- MACHINE COMMUNICATION

(51) International classification :H04B7/26,H04W4/06,H04W52/02
(31) Priority Document No :61/419,718
(32) Priority Date :03/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/009332
Filing Date :02/12/2011
(87) International Publication No :WO 2012/074337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARK, GIWON
3)YUK, YOUNGSOO

(57) Abstract :

Disclosed is a method for receiving multicast traffic by a mobile station in an idle mode in a wireless access system supporting machine-to-machine (M2M) communication. The method comprises: receiving a paging message including control information indicating a multicast traffic reception during a paging listening interval from a base station (BS); and receiving multicast traffic from the BS without idle mode termination based on the received control information, wherein the paging message further includes identification information indicating an M2M group to which the multicast traffic is transmitted.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1795/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : GAS BURNER

(51) International classification :F23D14/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2010/003324

Filing Date :22/12/2010

(87) International Publication No :WO 2012/085610

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

Gas burner (1) of the type comprising a cup (2) of the burner accommodating at least one injector (3) for fuel gas a head (4) of the burner coupled to said cup (2) and comprising at least one distribution chamber (5) for a first circumferential flame spreader (30) at least one mixing chamber (6) for mixing primary air and fuel gas to set up a fuel mixture said at least one mixing chamber (6) being fluidically connected to said cup (2) and at least one injector (3) at least one duct (7) for transferring the fuel mixture from said at least one mixing chamber (6) into said at least one distribution chamber (5) and at least one inflow duct (8) of the primary air from the outer environment inside said cup (2) of the burner as well as at least one separating element (9) of said at least one transferring duct (7) of the fuel mixture from said at least one inflow duct (8) of the primary air characterized in that said at least one separating element (9) could be tightly constrained to said at least one head (4) or said at least one cup (2) of the burner.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1796/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR LAMINATING A SUBSTRATE PLATE WITH A PLASTIC FILM

(51) International classification :B32B38/16,B08B1/04,B29C63/48

(31) Priority Document No :10 2010 054 813.8

(32) Priority Date :16/12/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/006080

Filing Date :05/12/2011

(87) International Publication No :WO 2012/079713

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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PREUSSISCH OLDENDORF-HEDEM, GERMANY

(72)Name of Inventor :

1)SCHUMACHER, REINHARD

(57) Abstract :

Process and apparatus for laminating a substrate plate (2) with a plastic film (3),in which the following steps are carried out: a) an adhesive is applied to the back side of the plastic film in a contactless manner by means of nozzle application; b) the plastic film is laminated onto the substrate plate by means of a laminating roller (18) and a back-pressure roller (20) lying opposite the laminating roller on the back side of the substrate plate; wherein, in a first step, the substrate plate is dry-cleaned upstream of the laminating roller in the conveying direction in a cleaning station (7) with the aid of brushes (23,24) acting transversely to one another, with the supply of blowing air (28) discharged via an ion dust and with the removal of exhaust air (29) containing fine dust by suction, and wherein, in a second step, said substrate plate is damp-cleaned with organic solvents and a silicone-free cloth (33).

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1797/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR TRANSFERRING SUBSCRIPTION INFORMATION BETWEEN TERMINALS

(51) International classification :H04W8/20,G06F21/00,H04L29/06
(31) Priority Document No :10306359.0
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071737
Filing Date :05/12/2011
(87) International Publication No :WO 2012/076464
(61) Patent of Addition 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)BRADLEY, PAUL

(57) Abstract :

The present invention concerns a method for transferring securely the subscription information and user data from a first terminal to a second terminal the terminals respectively containing a first and a second UICC. According to the invention the method consists in: i transmitting an identifier of the second terminal to the first terminal; ii transmitting from the first terminal to a secure vault the identifier of the second terminal and an identifier of the first UICC; iii transmitting from the secure vault to the first terminal a subscription installation public key of the second terminal; iv in the first UICC packaging and encrypting the subscription information and user data with the subscription public installation key of the second terminal; v transmitting the package to the second UICC of the second terminal; vi installing the package on the second UICC.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1798/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR PERSONALIZING A SECURE ELEMENT COMPRISED IN A TERMINAL

(51) International classification :H04W8/20,G06F21/00,H04L29/06
(31) Priority Document No :10306359.0
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071664
Filing Date :02/12/2011
(87) International Publication No :WO 2012/076421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FARIA, FRÉDÉRIC
3)IMOUCHA ,FRANCK

(57) Abstract :

The invention proposes a method for personalizing a first secure element comprised in a first terminal,said method consisting in:
Providing the user of the first terminal with a second secure element; Linking the first and second secure elements in or through the first terminal; Personalizing securely the first secure element with data comprised in the second secure element security being based on certificate verification and asymmetric encryption between the secure elements.

No. of Pages : 8 No. of Claims : 2

(54) Title of the invention : ROTATING CONNECTOR DEVICE

(51) International classification :H01R35/04,B60R16/027
 (31) Priority Document No :2010-258899
 (32) Priority Date :19/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/076762
 Filing Date :21/11/2011
 (87) International Publication No :WO 2012/067257
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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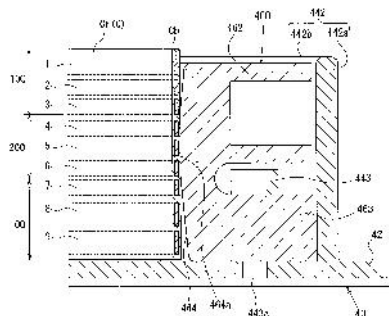
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1)YAMAGUCHI AKIO

(57) Abstract :

The present invention has an object of providing a steering roll connector 10 capable of preventing abrasion of a cover in at least a contact avoiding range 100 of flat cables C. The steering roll connector 10 includes a rotator 20 and a stator 30 which are fit to each other so as to be rotatable with respect to each other. The rotator 20 and the stator 30 form an accommodation space S. In a bottom part of the accommodation space S, a retainer 40 for axially supporting a plurality of rotatable rollers 45 and the flat cables C are accommodated. A guide unit 460 for allowing a reversed part Cr to be pressed thereon is fit and fixed to the retainer 40. In a vertical cross-section vertical to a planar surface of the retainer 40, a guide surface 464 of the guide unit 460 which faces the reversed part Cr has a vertical cross-sectional shape which does not contact a contact avoiding range 100 of the flat cables C in a width direction of the flat cables C.



No. of Pages : 45 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1802/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ROTARY CONNECTOR DEVICE

(51) International classification :H01R35/04,B60R16/027
(31) Priority Document No :2010-258780
(32) Priority Date :19/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076761
Filing Date :21/11/2011
(87) International Publication No :WO 2012/067256
(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)FURUKAWA ELECTRIC CO., LTD.
Address of Applicant :2-3,MARUNOUCHI 2-
CHOME,CHIYODA-KU,TOKYO 1008322,JAPAN
2)FURUKAWA AUTOMOTIVE SYSTEMS INC.
(72)Name of Inventor :
1)ARAKAWA HAYATO

(57) Abstract :

The present invention has an object of providing a steering roll connector 10 capable of rotating rotatable rollers 45 smoothly. The steering roll connector 10 includes a rotator 20 and a stator 30 which are rotatably engaged with each other. The rotator 20 and the stator 30 form an accommodation space S. In a bottom part of the accommodation space S, a retainer 40 for axially supporting a plurality of rotatable rollers 45 and flat cables C are accommodated. A bearing 43a included in the retainer 40 and a rotation shaft 435 included in each rotatable roller 45 are axially supported to be rotatable. The rotation shaft 435 includes a plurality of legs 455 located in a circumferential direction thereof and each having a sliding part T slidable against a circumferential surface 43b of the bearing 43a, and an engaging part 456 formed at a tip of each leg 455. At least the sliding part T of each leg 455 is formed to have a radial-direction cross-sectional shape which is point-contactable with the bearing 43a, or line-contactable with the bearing 43a over a contact width smaller than a circumferential-direction width of the leg 455.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1803/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : INTEGRATED FUEL INJECTOR IGNITERS CONFIGURED TO INJECT MULTIPLE FUELS AND/OR COOLANTS AND ASSOCIATED METHODS OF USE AND MANUFACTURE

(51) International classification :F02M43/04,F02M57/06,F02M53/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/059147
Filing Date :06/12/2010
(87) International Publication No :WO 2012/078133
(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)MCALISTER TECHNOLOGIES, LLC
Address of Applicant :2901 E. CAMELBACK ROAD
PHOENIX,AZ 85016, U.S.A.
(72)Name of Inventor :
1)MCALISTER, ROY, EDWARD

(57) Abstract :

Embodiments of injectors configured for adaptively injecting multiple different fuels and coolants into a combustion chamber,and for igniting the different fuels,are disclosed herein. An injector according to one embodiment includes a body having a first end portion and a second end portion. The injector further includes a first flow channel extending through the body and a second flow channel extending through the body,that is separate from the first flow channel and electrically isolated from the first flow channel. The first flow channel is configured to receive a first fuel,and the second flow channel is configured to receive at least one of a second fuel and a coolant. The injector further comprises a valve carried by the body that is movable between a closed position and an open position to introduce at least one of the second fuel and the coolant into a combustion chamber.

No. of Pages : 37 No. of Claims : 20

(54) Title of the invention : FLOATING STORAGE POWER PLANT AND DRYING METHOD

(51) International classification :B63J3/02,B63B35/00,B63H21/16

(31) Priority Document No :10-2010-0128104

(32) Priority Date :15/12/2010

(33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2011/009687

Filing Date :15/12/2011

(87) International Publication No :WO 2012/081922

(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)DAEWOO SHIPBUILDING & MARINE
ENGINEERING CO., LTD.**Address of Applicant :85,DA-DONG,JUNG-GU, SEOUL
100-180, Republic of Korea

(72)Name of Inventor :

1)KIM, IN IL**2)YOO,BYEONG YONG****3)PARK, JU MI****4)KWON, HYUK**

(57) Abstract :

A marine liquefied natural gas storage and composite thermal power generation unit is provided. The marine liquefied natural gas storage and composite thermal power generation unit, which is located in the sea, includes: a storage tank provided in a hull to store liquefied natural gas; a vaporizing unit configured to vaporize the liquefied natural gas supplied from the storage tank; a gas turbine configured to operate with natural gas vaporized by the vaporizing unit; a waste heat recovery boiler configured to generate steam by using waste heat of exhaust gas generated from the gas turbine; a steam turbine configured to operate with the steam generated by the waste heat recovery boiler; and a generator configured to receive power of the gas turbine and the steam turbine and generate power. When constructing gas power generation facilities in countries with no gas infrastructure, a marine gas storage and a gas power generation facility can be integrated into a single facility. By installing the gas power generation facility in a previously secured top or inside of the gas storage, components necessary for the construction of a gas power plant are remarkably decreased, thereby shortening the construction period and reducing the construction cost. Moreover, the construction of sites for facilities can be minimized, and the gas storage and the gas power generation facility are constructed at a dockyard in a form of a ship, thereby significantly shortening the construction period and reducing the construction cost. The environmental influence of sites can be minimized, and gas power generation infrastructure can be constructed in areas with no gas infrastructure in a short time.

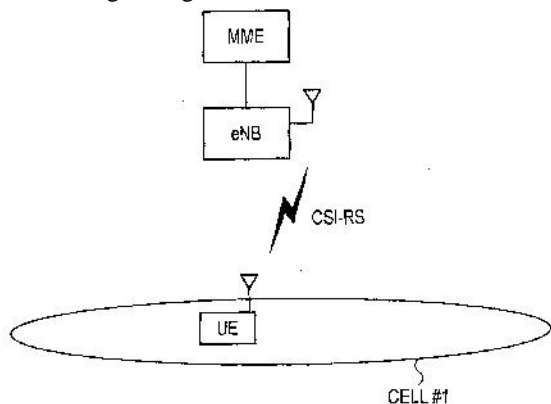
No. of Pages : 36 No. of Claims : 20

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND WIRELESS BASE STATION

(51) International classification	:H04W16/18, H04W24/08	(71)Name of Applicant : 1)NTT DOCOMO, INC.
(31) Priority Document No	:2010- 257708	Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 1006150 JAPAN
(32) Priority Date	:18/11/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)NAGATA, SATOSHI
(86) International Application No	:NA	2)ABE, TETSUSHI
Filing Date	:NA	3)OOKUBO, NAOTO
(87) International Publication No	: NA	4)IWAMURA, MIKIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communication method according to the present invention includes a step A of notifying, by a radio base station eNB, a mobile station UE during communication in a subordinate cell #1 of CSI-RS/Muting configuration information indicating a transmission method of CSI-RS; and a step B of performing, by the mobile station UE, a reception process on the basis of the CSI-RS/Muting configuration information.



No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1703/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : FIXING APPARATUS AND IMAGE FORMING APPARATUS

(51) International classification :G03G15/20
(31) Priority Document No :2010-278149
(32) Priority Date :14/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077452
Filing Date :22/11/2011
(87) International Publication No :WO 2012/081388
(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)RICOH COMPANY, LTD.

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1)YOSHIURA ,Arinobu

2)YOSHIKAWA, Masaaki

3)ARAI, Yuji

4)YAMAGUCHI, Yoshiki

5)TOKUDA, Tetsuo

6)IKEBUCHI, Yutaka

7)SHIMOKAWA, Toshihiko

8)ISHII, Kenji

9)YOSHINAGA, Hiroshi

10)TAKAGI, Hiromasa

11)IWAYA, Naoki

12)SESHITA, Takuya

13)IMADA, Takahiro

14)GOTOH, Hajime

15)FUJIMOTO, Ippei

(57) Abstract :

ABSTRACT A fixing apparatus and an image forming apparatus are provided which prevent a supporting member from deforming due to sliding of a fixing member, improving energy conservation and durability of parts and obtaining a good image. The fixing apparatus includes a fixing belt; a pressurizing roller; a supporting member; a heating unit; a nip forming member; and a deform preventing unit.

No. of Pages : 84 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1704/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HYBRID BIOMASS PROCESS WITH REHEAT CYCLE

(51) International classification	:H02K7/18
(31) Priority Document No	:12/957,719
(32) Priority Date	:01/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/061899
Filing Date	:22/11/2011
(87) International Publication No	:WO 2012/074847
(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)EIF NTE HYBRID INTELLECTUAL PROPERTY HOLDING COMPANY, LLC

Address of Applicant :Three Charles River Place, 63 Kendrick Street, Suite 101, Needham, MA 02494 U.S.A.

(72)Name of Inventor :

1)SHORTLIDGE, Seth

2)CAHILL, Gregory, J.

(57) Abstract :

Methods and systems for the generation of electrical energy through the combination of steam flows produced from different fuel sources. Steam produced from processing of a biomass fuel source is combined with steam produced from the processing of natural gas or fossil fuel and routed through a steam turbine generator to produce electrical energy. The steam is preferably reheated after partial processing in the steam turbine generator and then recirculated for further processing in the steam turbine generators. Following extraction of all available energy from the steam, the steam is condensed to water, the feedwater is then reheated and pumped to the boilers of both energy sources for conversion into steam.

No. of Pages : 19 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : OLEFINIC THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS FOR PRODUCING THE SAME

(51) International classification	:C08L19/00,C08L9/00
(31) Priority Document No	:209633
(32) Priority Date	:29/11/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/050034
Filing Date	:29/11/2011
(87) International Publication No	:WO 2012/073242
(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)RUBBER RECYCLING TECHNOLOGIES LTD.
Address of Applicant :47 Haluzey Hataasia, 26294 Haifa Bay
ISRAEL
(72)**Name of Inventor :**
1)RAKHMAN, Moshe

(57) Abstract :

An Olefinic Thermoplastic Elastomer composition containing about 5% to about 70% sub-divided rubber; about 5% to about 60% polyolefin; about 2% to about 30% styrene- based thermoplastic elastomer; and about 2% to about 30% -Ol-efin- Vinyl ester Copolymer and mixtures thereof.

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1810/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING MOISTURE IN THE MANUFACTURE OF GLASS FIBER INSULATION

(51) International classification	:B05D1/02
(31) Priority Document No	:61/421,306
(32) Priority Date	:09/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063715
Filing Date	:07/12/2011
(87) International Publication No	:WO 2012/078740
(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)OWENS CORNING INTELLECTUAL CAPITAL, LLC
Address of Applicant :ONE OWENS CORNING
PARKWAY, TOLEDO,OH 43659, U.S.A.

(72)**Name of Inventor :**
1)MIRTH,DAVID,R.
2)GEIGER, STEVE
3)BLACKWOOD, SCOTT
4)INGLIS,FRANK, BRUCE
5)BURN, TERRY

(57) Abstract :

Apparatus, systems and methods for monitoring and controlling the amount of moisture introduced into the forming hood area in the manufacture of mineral fiber insulation products. Moisture from coolant liquids, binder dispersions and binder diluents are all introduced deliberately into a forming hood; ambient moisture and water from combustion are additional sources. A series of global variable control valves, one for each fluid system; as well as individual variable control valves for each fiberizing unit are provided with associated meters. Sensors monitor fibrous pack conditions and ambient conditions and provide inputs to the valve control system. A specific 3-ring liquid dispensing system is also disclosed.

No. of Pages : 63 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1811/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

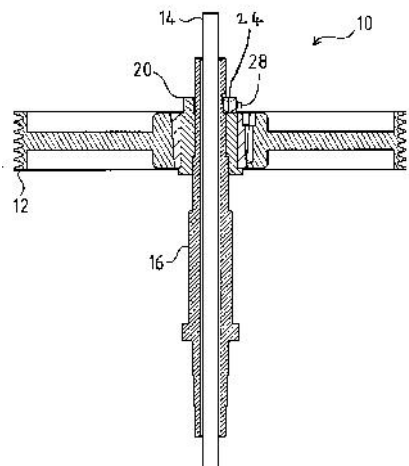
(54) Title of the invention : MODULAR TORQUE PROTECTION DEVICE

(51) International classification :F04C13/00
(31) Priority Document No :10 2010 053 901.5
(32) Priority Date :09/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/002089
Filing Date :07/12/2011
(87) International Publication No :WO 2012/097773
(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)NETZSCH PUMPEN & SYSTEME GMBH
Address of Applicant :GEBRÜDER-NETZSCH-STRASSE
19, 95100 SELB, GERMANY
(72)Name of Inventor :
1)CEMIN, ANGELO
2)DITTRICH, JOCHEN
3)ZUBER, ALEXANDER

(57) Abstract :

A device for the torque protection of a drive unit for borehole pumps is disclosed. The overload arising from the borehole pump and/or the drive unit can be completely taken up and/or neutralised by at least one protection element.



No. of Pages : 11 No. of Claims : 7

(54) Title of the invention : METHOD FOR TRANSMITTING AND RECEIVING IDLE-MODE PARAMETER UPDATE INFORMATION, AND APPARATUS THEREFOR

(51) International classification	:H04B7/26,H04W68/02	(71)Name of Applicant :
(31) Priority Document No	:61/427,791	1)LG ELECTRONICS INC.
(32) Priority Date	:28/12/2010	Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu
(33) Name of priority country	:U.S.A.	Seoul 150-721 REPUBLIC OF Republic of Korea
(86) International Application No	:PCT/KR2011/010207	(72)Name of Inventor :
Filing Date	:28/12/2011	1)PARK, Giwon
(87) International Publication No	:WO 2012/091441	2)YUK, Youngsoo
(61) Patent of Addition to Application Number	:NA	3)KIM, Jeongki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for transmitting and receiving idle-mode parameter update information and an apparatus therefor. A machine to machine (M2M) device for receiving idle-mode parameter update information in a wireless communication system comprises: a receiver for receiving, from a base station, a paging message including an M2M group identifier (ID) field indicating an M2M group ID and an action code field indicating an idle-mode parameter update; and a processor that decodes the action code field when said M2M group ID corresponds to the M2M group ID of the processor, to thereby acquire information which indicates that said paging message is a message relating to the idle mode parameter update. The paging message may further include an updated M2M group ID field indicating an updated M2M group ID, and the processor may decode the updated M2M group ID field to thereby acquire updated M2M group ID information.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PORTABLE LAPAROSCOPE SYSTEM

(51) International classification :A61B1/313

(31) Priority Document No :61/420,901

(32) Priority Date :08/12/2010

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

(86) International Application No :PCT/US2011/063948

Filing Date :08/12/2011

(87) International Publication No :WO 2012/078872

(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)THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA

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Lincoln, NE 68583-0745 U.S.A.

(72)Name of Inventor :

1)ARE, Chandrakanth

2)ARE, Madhuri

3)ALEXANDER, Dennis

(57) Abstract :

A portable laparoscope is disclosed. In implementations, the portable laparoscope includes a housing and an elongated tube coupled to the housing. A lighting source and a camera are disposed proximate to an end of the elongated tube opposite the housing. The camera is configured to capture an image in a viewing area that is illuminated by light provided by the lighting source. The portable laparoscope includes an image display apparatus configured to display the images acquired by the camera and/or to transmit the images to a remote display device. The housing may be configured to hold and position an insufflator.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1805/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR OPERATION IN IDLE MODE FOR M2M COMMUNICATION, AND DEVICE USING SAME

(51) International classification :H04B7/26,H04W52/02,H04W68/02
(31) Priority Document No :61/420,749
(32) Priority Date :07/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/009434
Filing Date :07/12/2011
(87) International Publication No :WO 2012/077977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :20 YEOUIDO-
DONG, YEONGDEUNGPO-GU SEOUL 150-721, REPUBLIC
OF Republic of Korea
(72)**Name of Inventor :**
1)PARK, GI WON
2)YUK, YOUNG SOO
3)KIM, JEONG KI

(57) Abstract :

Provided are an operation method for M2M (machine to machine) communication and a device using same. M2M equipment receives a paging message including a resource offset for indicating an offset for uplink allocation. The M2M equipment transmits a ranging request message using the uplink allocation.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1806/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

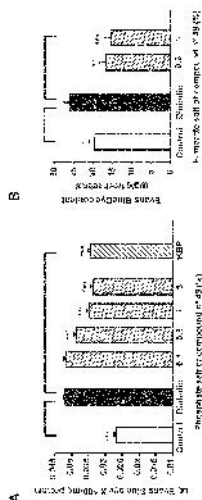
(54) Title of the invention : ARYLSULFONAMIDE DERIVATIVES FOR THE PREVENTION OR TREATMENT OF SPECIFIC OPHTHALMOLOGIC DISORDERS

(51) International classification :A61K31/18,A61K31/4164,A61P27/00
(31) Priority Document No :10306381.4
(32) Priority Date :09/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072306
Filing Date :09/12/2011
(87) International Publication No :WO 2012/076685
(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)FOVEA PHARMACEUTICALS
Address of Applicant :INSTITUT DE LA VISION, 17 RUE MOREAU, F-75012 PARIS, FRANCE
(72)Name of Inventor :
1)BELICHARD, PIERRE
2)PRUNEAU, DIDIER

(57) Abstract :

The invention is directed to the therapeutic use of arylsulfonamide derivatives.



No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1808/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREPARING LIQUID FUELS

(51) International classification :B01J19/00,C10L1/02,C10L3/00	(71)Name of Applicant :
(31) Priority Document No :61/421,189	1)MCALISTER TECHNOLOGIES, LLC
(32) Priority Date :08/12/2010	Address of Applicant :2350 W SHANGRI LA, PHOENIX,AZ
(33) Name of priority country :U.S.A.	85029, U.S.A.
(86) International Application No:PCT/US2011/064034	(72)Name of Inventor :
Filing Date :08/12/2011	1)MCALISTER,ROY,EDWARD,P.E.
(87) International Publication No :WO 2012/128805	
(61) Patent of Addition to	
Application Number :NA	
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

Techniques, methods and systems for preparation liquid fuels from hydrocarbon and carbon dioxide are disclosed. The present invention can transform hydrocarbon and carbon dioxide generated from organic feed stocks or other industrial emissions into renewable engineered liquid fuels and store them in a cost-efficient way. The method of the present invention includes: supplying hydrocarbon and carbon dioxide to a heated area of a reaction chamber in controlled volumes; forming carbon monoxide by the energy provided by the heated area; transporting carbon monoxide and hydrogen to a reactor in controlled volumes; supplying additional hydrogen to the reactor; regulating the pressure in the reactor by adjusting the controlled volumes in order to achieve a predetermined object; forming the liquid fuel in the reactor according to the predetermined object; and storing the liquid fuel in a storage device.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1706/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BENZOXAZEPINES AS INHIBITORS OF MTOR AND METHODS OF THEIR USE AND MANUFACTURE

(51) International classification :C07D513/04,A61K31/437
(31) Priority Document No :61/417,140
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062042
Filing Date :23/11/2011
(87) International Publication No :WO 2012/071511
(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)EXELIXIS, INC.

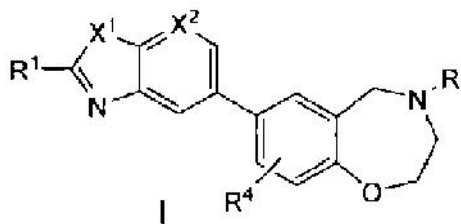
Address of Applicant :210 East Grand Avenue South San Francisco, CA 94080 U.S.A.

(72)Name of Inventor :

1)RICE, Kenneth

(57) Abstract :

The invention is directed to inhibitors of mTOR and pharmaceutically acceptable salts or solvates thereof, as well as methods of using them. The inhibitors are generally of structural Formula (I) wherein the variables are as defined herein.



No. of Pages : 148 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1707/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ARCHITECTURAL DIESEL OXIDATION CATALYST FOR ENHANCED NO2 GENERATOR

(51) International classification :B01D53/94,B01J23/44,B01J35/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/007614

Filing Date :14/12/2010

(87) International Publication No :WO 2012/079598

(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)UMICORE AG & CO. KG

Address of Applicant :Rodenbacher Chaussee 4, 63457
Hanau-Wolfgang GERMANY

(72)Name of Inventor :

1)BAILEY, Owen H.

2)HEDGCOCK, Matthew

3)SCHUETZE ,Frank-Walter

4)WOERZ, Anke

(57) Abstract :

A device is described which provides thermally durable NO2 generation in conjunction with efficient heat-up performance for filter regeneration, and low temperature HC (hydrocarbon) and CO activity. Importantly, it provides both functions while minimizing PGM (platinum group metals) utilization and its associated impact on catalyst cost.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1815/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING A SIGNAL USING A TRANSMISSION POWER MASK

(51) International classification :H04B3/46,H04B3/54,H04L1/24
(31) Priority Document No :1150650
(32) Priority Date :27/01/2011
(33) Name of priority country :France
(86) International Application No:PCT/FR2012/050171
Filing Date :26/01/2012
(87) International Publication No :WO 2012/101386
(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)MILLERET, HERVE
2)ISSON, OLIVIER

(57) Abstract :

The invention relates to a method and device for transmitting a signal using a transmission power mask, said signal being transmitted by a transceiver A that is connected to a transceiver B via at least one physical link. According to the invention, the transmission power mask is adapted according to a transfer function S11 relative to the impedance of the physical link, such as to take account of the power lost during signal transmission.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1816/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : POWER CIRCUIT INTERRUPTING DEVICE

(51) International classification :H01H31/24,H01H85/02
(31) Priority Document No :2010-260694
(32) Priority Date :23/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072982
Filing Date :05/10/2011
(87) International Publication No :WO 2012/070318
(61) Patent of Addition 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)SHIN ISHIZAKI

(57) Abstract :

A power circuit interrupting device including a first housing including a pair of fixed electrodes and a fuse having terminals at both ends thereof, and a second housing including a moveable electrode, the moveable electrode interrupting electrical connection between the fixed electrodes when the second housing is uncoupled from the first housing, and establishing the electrical connection between the fixed electrodes when the second housing is coupled with the first housing. The first housing has an opening provided for carrying out a continuity test for the fuse. The opening is always covered with the second housing in a condition that continuity of a circuit is allowed. The power circuit interrupting device serves to facilitate the continuity test for the fuse built therein and comply with such a maintenance procedure that the continuity test should be carried out after interrupting continuity of the power circuit.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1817/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : POSITION CONTROL DEVICE FOR ELECTRIC MOTOR

(51) International classification	:H02P29/00
(31) Priority Document No	:2010-258420
(32) Priority Date	:19/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/076660
Filing Date	:18/11/2011
(87) International Publication No	:WO 2012/067229
(61) Patent of Addition 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)TOSHIMICHI TAKAHASHI
2)KUNIAKI HIRAO
3)SHIZUNORI HAMADA
4)YASUHIRO KANAZASHI

(57) Abstract :

With regard to a position control device having a speed control system in a minor loop and a position control system in a major loop, it is difficult to make an adjustment to achieve a high response. A disturbance observer section (9) which inputs the torque current command (T_{dy}) and the angular velocity detection value ($\dot{\theta}_d$) and estimates a signal corresponding to a disturbance torque is provided. A rate-of-change limitation section (7) which has a limiter (77) inputting a disturbance observer output value (T_{obs}) by this disturbance observer section (9) and performing rate-of-change limitation of upper and lower limit values of the angle command (θ_{ref}) is provided. A rate-of-change limiter upper limit value ($\theta_{Rate-Lim-H}$) is a value obtained by subtracting an output absolute value of the disturbance observer section (9) from a rated maximum driving torque (T_{max}) of the electric motor, multiplying this subtraction result by a sampling interval (T_s) and dividing this multiplication value by motor inertia (J) and a proportional gain (K_P) of the position control section (1). A rate-of-change limiter lower limit value ($\theta_{Rate-Lim-L}$) is a value obtained by adding a rated maximum regenerative torque (T_{min}) of the electric motor and the output absolute value of the disturbance observer section (9) together, multiplying this addition result by the sampling interval (T_s) and dividing this multiplication value by the motor inertia (J) and the proportional gain (K_P) of the position control section (1).

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1710/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HEAP LEACHING OF MANGANESE-CONTAINING ORES

(51) International classification :C22B3/04,C22B3/02,C22B47/00	(71)Name of Applicant :
(31) Priority Document No :2010905531	1)MESA MINERALS LIMITED
(32) Priority Date :16/12/2010	Address of Applicant :1 Sleat Road, Applecross 6153 Western
(33) Name of priority country :Australia	Australia, Australia
(86) International Application No :PCT/AU2011/001436	(72)Name of Inventor :
Filing Date :08/11/2011	1)WARD, Christopher Brett
(87) International Publication No :WO 2012/079111	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

1. A method for the heap leaching of manganese-containing ores, the method characterised by the steps of: (i) beneficiating the manganese-containing ore and separating into a coarse fraction and a fine ore fraction; (ii) combining the fine ore fraction with a sulfide ore material to produce a combined ore fraction; (iii) stacking the combined ore fraction to form at least one heap; and (iv) applying a lixiviant to the heap to produce a pregnant leach solution (PLS) containing dissolved manganese values, wherein the lixiviant is added to the or each heap in the presence of soluble iron.

No. of Pages : 18 No. of Claims : 38

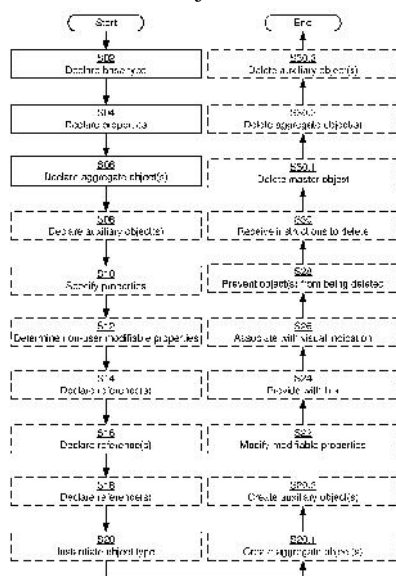
(54) Title of the invention : DEFINITION OF OBJECTS IN OBJECT-ORIENTED PROGRAMMING ENVIRONMENTS

(51) International classification :G06F9/44
 (31) Priority Document No :10195061.6
 (32) Priority Date :15/12/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/071619
 Filing Date :02/12/2011
 (87) International Publication No :WO 2012/080002
 (61) Patent of Addition 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)GRUNDELIUS, Mattias
2)KENNEDY, Magnus

(57) Abstract :

In an object-oriented programming environment having a hierarchical object structure an object type is defined by declaring different types of objects and properties associated therewith. A base type is declared. Properties for the base type are declared. A set of aggregated objects comprising individual objects of different types is declared. The set of aggregated objects is to be instantiated in a master object created from the object type. A set of auxiliary objects comprising individual objects of different types and associated with the object type is declared. The individual objects of the set of auxiliary objects are to be instantiated in respective locations in the hierarchical object structure.



No. of Pages : 23 No. of Claims : 14

(54) Title of the invention : MICROCAPSULE

(51) International classification :B01J13/02,B01J13/20,A23L1/22
 (31) Priority Document No :10015281.8
 (32) Priority Date :03/12/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2011/002480
 Filing Date :17/10/2011
 (87) International Publication No :WO 2012/073079
 (61) Patent of Addition 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)GONZENBACH, Urs, Thomas
3)STURZENEGGER, Philip, Noah
4)KRAUS JUILLERAT, Franziska

(57) Abstract :

A microcapsule (10, 20), in particular of spherical shape, comprising a hollow capsule core (11, 21) encased by a capsule shell (12, 22), is characterized in that the capsule shell (12, 22) is at least partially made of hydrated cementitious material. Furthermore, a method for the production of microcapsule comprises the steps of: a) preparing of a suspension (100) of particulate cementitious material (111) in a solvent (125) and b) preparing a dispersion (200) by mixing the suspension (100) of step a) with an immiscible fluid (130), so that (i) the suspension (100) is present as a dispersed phase in the fluid (130) as a dispersion medium or that (ii) the fluid (130) is present as the dispersed phase in the suspension (100) as the dispersion medium, such that the particulate material (111) of the suspension adsorbs at least partially at a phase boundary between the fluid (130) and the suspension (100), and c) allowing the particulate material (112) adsorbed at the phase boundary to hydrate with the formation of an individual microcapsule (115).

No. of Pages : 49 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1820/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTI-WIRED ANTENNA FOR MOBILE APPARATUS

(51) International classification	:H04R1/10,H01Q1/24	(71)Name of Applicant :
(31) Priority Document No	:61/424,613	1)TELEAGENT SYSTEMS, INC.
(32) Priority Date	:17/12/2010	Address of Applicant :470 POTRERO AVE., SUNNYVALE,
(33) Name of priority country	:U.S.A.	CA 94085, U.S.A.
(86) International Application No	:PCT/US2011/065651	(72)Name of Inventor :
Filing Date	:16/12/2011	1)LYNN, LAPOE
(87) International Publication No	:WO 2012/083257	2)TONG, HONGBIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to mobile devices. More specifically, embodiments of the present invention provide one or more antennas embedded into headsets and/or earphone for mobile devices. In an embodiment, an antenna wire having a length of about 100mm to 150mm is implement as a part of a headset or an earphone that has an overall length of at least 90cm, where the antenna wire is substantially insulated from the audio wire(s). The headset or earphone is connected to a mobile device that receives television signals from the antenna. In a specific embodiment, a mobile device includes a connection circuit that is configured to separate television signals form audio signals. In an exemplary embodiment various components of the mobile device positioned at predetermine location away from the connection circuit to reduce noise and/or interference.

No. of Pages : 24 No. of Claims : 22

(54) Title of the invention : CAPTURE DEVICE FOR A BORE HOLE OF A FLUID SOURCE

(51) International classification :E21B43/01
 (31) Priority Document No :10189806.2
 (32) Priority Date :03/11/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/069164
 Filing Date :31/10/2011
 (87) International Publication No :WO 2012/059475
 (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)RÖHM, Valentin

(57) Abstract :

A capture device for a bore hole of a fluid source, has a base plate (6) that can be anchored at the floor, over the bore hole, and has a bore hole opening (8) through which fluid can be streamed out of the bore hole; an ascending pipe (2) that can be arranged over the bore hole opening (8); and a plurality of guide baffles (9) arranged around the bore hole opening (8), which guide baffles respectively have a blade (10) fixed to the top side of the base plate (6) such that said guide baffles (6) can be pivoted and displaced, such that - when the fluid source is in the normal state - the blades (10) are in the passive state and are thereby arranged in a star shape around the bore hole opening (8) on the base plate (6) and are backed away from the bore hole (8); and - when the fluid source is in the disaster state - the blades (10) in the active state are moved towards the bore hole opening (8) and are deployed standing up from the base plate (6), and said blades (10) encompass the longitudinal end (3) of the ascending pipe (2) that faces towards the bore hole opening (8) like a flower and overlap one another, whereby fluid flowing from the bore hole opening (8) can be captured via the blades (10) and discharged to the ascending pipe (2).

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1825/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PEROXIDE BLENDS FOR THE ACCELERATED CROSSLINKING OF ETHYLENE VINYL ACETATE

(51) International classification :C08K5/00,C08K5/14,C08L23/08
(31) Priority Document No :102011003382.3
(32) Priority Date :31/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051555
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SEITZ, KATHARINA
3)NAGL, IRIS

(57) Abstract :

The present invention relates to peroxide mixtures and in particular to peroxide mixtures that are suitable for the accelerated crosslinking of ethylene vinyl acetate.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1826/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE FOR CONTINUOUSLY FILTERING MATERIAL MIXTURES

(51) International classification :B29C47/68,B29C47/08,B01D33/46
(31) Priority Document No :10 2010 055 167.8
(32) Priority Date :18/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/071464
Filing Date :01/12/2011
(87) International Publication No :WO 2012/079993
(61) Patent of Addition 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)ETTLINGER, RODERICH

(57) Abstract :

The invention relates to a device for continuously filtering material mixtures, particularly for separating contaminants out of plastic melts, comprising a filter (3), which is rotatably arranged in a filter chamber (2) of a housing (1), at least one wiper (17) for lifting off contaminants retained by the filter (3), and a discharge device (18) for removing the contaminants lifted off the filter (2) by the wiper (17) from the housing (1). According to the invention, the discharge device (18) comprises a discharge shaft (19), which is rotatably arranged in the housing (1) and which has at least one continuous opening (20) having at least one piston (22) which is movably guided therein.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1827/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : IMMUNOASSAY OF COFILIN 1 PROTEIN

(51) International classification :C07K16/18,G01N33/574,G01N33/577
(31) Priority Document No:2010-274879
(32) Priority Date :09/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078091
Filing Date :05/12/2011
(87) International Publication No :WO 2012/077643
(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)SAKAI YOSHIHARU
7)OKABE HIROSHI

(57) Abstract :

An object of the present invention is to realize an antibody or a fragment thereof specifically recognizing a cofilin 1 protein, and a method for detecting and testing gastro intestinal cancer with high detection performance, which comprises performing immunoassay of the cofilin 1 protein using the antibody or a fragment thereof. An immunoassay of cofilin 1 protein is characterized by measuring cofilin 1 or a fragment thereof in a sample using 2 or more types of anti-cofilin 1 monoclonal antibody or fragments thereof specifically recognizing different peptide regions in the amino acid sequence constituting the cofilin 1 protein.

No. of Pages : 117 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1828/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : WORKING MEDIUM FOR ABSORPTION HEAT PUMPS

(51) International classification	:C09K5/04
(31) Priority Document No	:10190356.5
(32) Priority Date	:08/11/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/069402
Filing Date	:04/11/2011
(87) International Publication No	:WO 2012/062656
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SCHNEIDER, ROLF
3)ZEHNACKER, OLIVIER
4)SCHNEIDER, MARC-CHRISTOPH

(57) Abstract :

A working medium comprising at least one refrigerant, at least one monohydric aliphatic alcohol having from 6 to 10 carbon atoms and at least one ionic liquid composed of at least one organic cation and at least one anion shows an improved efficiency COP in an absorption heat pump compared to working media which do not contain an alcohol having from 6 to 10 carbon atoms.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1830/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

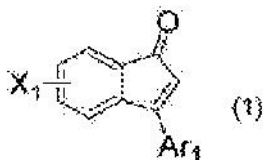
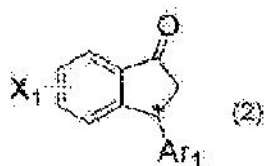
(54) Title of the invention : HALOGENATED INDENONES AND METHOD FOR PRODUCING OPTICALLY ACTIVE INDANONES OR OPTICALLY ACTIVE INDANOLS BY USING SAME

(51) International classification :C07C45/62,C07C29/143,C07C35/52
(31) Priority Document No :2010-251095
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075767
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063843
(61) Patent of Addition 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)NISHIHACHIJO, MASAKATSU
3)TANAKA, RIE
4)KAWANO, SHIGERU
5)FUJII, AKIO

(57) Abstract :

An optically active ketone represented by the following formula (2): wherein, Ar1 represents a furyl group, a thienyl group or a C6-20 aryl group; X1 represents a halogen atom, and indicates an asymmetric carbon atom, is produced by stereoselectively reducing an enone compound represented by the following formula (1) : wherein, Ar1 and X1 represent the same as the above.



No. of Pages : 102 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1831/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HIGH-STRENGTH COLD-ROLLED/HOT ROLLED DP STEEL HAVING A TENSILE STRENGTH GRADE OF 590 MPA AND EXCELLENT WORKABILITY, AS WELL AS LITTLE DEVIATION IN THE MATERIAL PROPERTIES THEREOF

(51) International classification:C21D8/02,C22C38/00,C22C38/58

(31) Priority Document No :10-2010-0113457

(32) Priority Date :15/11/2010

(33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2011/008570

Filing Date :10/11/2011

(87) International Publication No :WO 2012/067379

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)HAN, TAE KYO

3)SEONG, HWAN GOO

(57) Abstract :

An object of the present invention is to provide a method for manufacturing high-strength cold-rolled/hot-rolled DP steel having a tensile strength grade of 590 MPa and excellent workability, as well as little deviation in the material properties thereof, wherein said excellent workability can be achieved using thin-slab continuous casting, and deviations in the material properties in the widthwise and lengthwise directions of a strip can be significantly reduced.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1832/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HIGH-STRENGTH COLD-ROLLED/HOT-ROLLED TRIP STEEL HAVING A TENSILE STRENGTH OF 590 MPA GRADE, SUPERIOR WORKABILITY, AND LOW MECHANICAL-PROPERTY DEVIATION

(51) International classification:C21D8/02,C22C38/00,C22C38/58

(31) Priority Document No :10-2010-0111273

(32) Priority Date :10/11/2010

(33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2011/008569

Filing Date :10/11/2011

(87) International Publication No :WO 2012/064129

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Republic of Korea

(72)Name of Inventor :

1)KANG, HEE JAE

2)KIM, DEUK JUNG

3)SEONG, HWAN GOO

(57) Abstract :

The aim of the present invention is to provide a method for manufacturing high-strength cold-rolled TRIP steel having a tensile strength of 590 MPa grade and low mechanical- property deviation, in which a thin-slab casting technique is employed to ensure superior workability and also significantly reduce widthwise and lengthwise mechanical-property deviation in a strip.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1833/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : VARIABLE POWER ENDOSCOPE BASED ON LIQUID LENS TECHNOLOGY

(51) International classification :A61B1/005
(31) Priority Document No :61/418,462
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062881
Filing Date :01/12/2011
(87) International Publication No :WO 2012/075280
(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)EGAN, WILLIAM
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5)STANGOTA, FRANK
6)SAUVET, JULIEN
7)SAINT-GHISLAIN,MICHEL

(57) Abstract :

An endoscope realized as either a borescope or a fiberscope including one or more fluid filled lenses is described. In an embodiment, the optical power of the fluid filled lenses may be adjusted to adjust the focal length associated with the endoscope. Thus, variable working distances are allowable while maintaining focus on an object in front of the endoscope. The endoscope may include a distance sensor, which is used to determine a distance between the endoscope and a sample. A processor may compare the measured distance to the current optical power of the one or more sealed fluid filled lenses. The processor may transmit signals to one or more actuators coupled to one or more sealed fluid filled lenses to change the optical power of the one or more sealed fluid filled lenses based on the comparison.

No. of Pages : 27 No. of Claims : 23

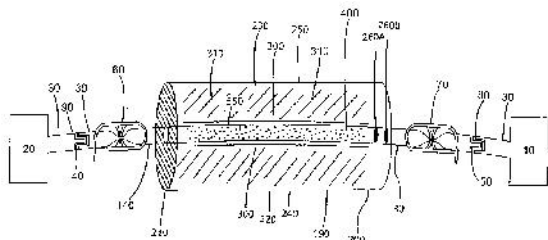
(54) Title of the invention : WOUND LEAKAGE VACUUM COLLECTION DEVICE

(51) International classification :A61M27/00
 (31) Priority Document No :12/944,705
 (32) Priority Date :11/11/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/060176
 Filing Date :10/11/2011
 (87) International Publication No :WO 2012/064950
 (61) Patent of Addition 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)REED, MICHAEL, CLARK

(57) Abstract :

A wound leakage collection device is described wherein a chamber is provided for removing wound leakage material from vacuum tubing, whereby the chamber can easily be removed from a wound and a source of negative pressure. An exemplary device comprises: vacuum tubing having a wall with an external surface, an internal surface, a first end in fluid communication with a negative pressure source, a second end in fluid communication with a wound leakage source, and a portion between the first end and the second end having one or more perforations through the wall; a chamber for enclosing and maintaining a vacuum around the external surface of the perforated portion of the tubing; an absorbent material disposed within the chamber adjacent to the external surface of the tubing; and one or more vapor permeable plugs disposed in the internal surface between the first end and the perforated portion of the tubing.



No. of Pages : 19 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : AGRICHEMICAL SPRAY MASK

(51) International classification	:A62B7/10,A62B18/02	(71)Name of Applicant :
(31) Priority Document No	:10-2010-0112245	1)LEE, Young Sang
(32) Priority Date	:11/11/2010	Address of Applicant :759-1, Sillye-ri, Namwon-eup,
(33) Name of priority country	:Republic of Korea	Seogwipo-si, Jeju-do 699-943, REPUBLIC OF Korea
(86) International Application No	:PCT/KR2011/008630	(72)Name of Inventor :
Filing Date	:11/11/2011	1)LEE, Young Sang
(87) International Publication No	:WO 2012/064152	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An agrichemical spray mask according to the present invention comprises: a main body (114) which is worn hermetically attached to the face and has an inhalation inlet port (110) and an exhalation outlet port (112); an anti dust and anti toxin filter tube (120) which is provided on the outside of the inhalation inlet port (110) of the main body (114) of the mask so as to link to the inhalation inlet port and is provided with an anti dust and anti toxin filter (113); and a spray filter tube which is separably fastened to the anti dust and anti toxin filter tube (120), has a spray filter (223) provided on the inside thereof, and has a respiration port (220a). In the present invention, because two-stage filtering is used to ensure that agrichemical sprays are not breathed in via the human respiratory organs and at the same time the filter is not much soaked by the agrichemicals, it follows that the time over which the mask is used can be extended and if the filter does become soaked with agrichemicals, the filter can easily be replaced and cleaned.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A HYDROTHERMAL OXIDATION METHOD FOR PRODUCTION OF ALKALI METAL DICHROMATE FROM CARBON FERROCHROME

(51) International classification :C01G37/14		(71)Name of Applicant : 1)TIANJIN PASSION SCIENCE AND TECHNOLOGY CO., LTD. Address of Applicant :Southern Side of Yangshi Road East to Xiaowang Village, Chenzui, Wuqing District, Tianjin 301741 CHINA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	(72)Name of Inventor : 1)JI, Zhu 2)WANG, Jinsong 3)ZHANG, Zhong 4)YANG, Yuqing 5)WANG, Aishan 6)SONG, Weiguo 7)YIN, Xinjian 8)WEI, Qingting 9)RU, Hongwei 10)ZHANG, Wenwen 11)MEI, Haijun
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2010/078336	
Filing Date	:02/11/2010	
(87) International Publication No	:WO 2012/058801	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydrothermal oxidation method for the production of alkali metal dichromate from carbon ferrochrome is provided. The method involves the following steps: preparing primary reaction liquid by mixing carbon ferrochrome alkaline substance and water and controlling the amount of the alkaline substance employed practically lower than that required theoretically; adding the primary reaction liquid in a reaction kettle and filling oxygen; reacting for 0.5h3h under the conditions of 150°C370°C and 2Mpa24Mpa; separating solid from the liquid, cooling the obtained filtrate to- 12°C to -20°C, precipitating crystals and centrifugally separating to obtain the solution of alkali metal dichromate; increasing the acidification rate to greater than or equal to 100% by adding CrO3 into the solution of alkali metal dichromate; evaporating and concentrating cooling and crystallizing, thereby obtaining alkali metal dichromate. Said method is a simple process and easy to control, which can be used to directly produce sodium dichromate under hydrothermal condition.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1840/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DRIVE UNIT FOR A POWER OPERATED TOOL

(51) International classification	:B25B23/145
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2010/056683
Filing Date	:15/11/2010
(87) International Publication No	:WO 2012/067602
(61) Patent of Addition 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)JUNKERS, JOHN, K.
2)WERNER, STEFAN

(57) Abstract :

The invention relates to a drive unit for a power operated tool for the generation of a screw pretensioning force, with a pump unit (2), a valve unit (3) arranged on the pump unit with a pressure- restricting pressure valve (4) and a control unit (2) for activating the pump unit. In order to provide a drive unit that eliminates the risk of an incorrect setting of the setting parameter, it is provided that a processing unit (5) with an output unit and a data capturing unit (6) connected and/or integrated with the processing unit are provided wherein the processing unit is designed for the output of the value to be set on the pressure valve based on the screw connection process parameters determined with the data capturing unit.

No. of Pages : 15 No. of Claims : 20

(54) Title of the invention : SYSTEMS AND METHODS FOR MEASURING AVAILABLE CAPACITY AND TIGHT-LINK CAPACITY OF IP PATHS FROM A SINGLE ENDPOINT

(51) International classification :H04L12/26
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/IB2010/002949
 Filing Date :18/11/2010
 (87) International Publication No :WO 2012/066371
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
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 (72)**Name of Inventor :**
1)BAILLARGEON, STEVE
2)FLINTA, CHRISTOFER
3)JOHNSSON, ANDREAS
4)EKELIN Svante

(57) Abstract :

According to one exemplary embodiment, a method for determining the forward and reverse available capacity or tight link capacity of an IP path from a single endpoint includes the steps of: transmitting, from a source IP endpoint node, toward a destination IP endpoint node a forward packet train including a first plurality of IP test packets over the forward IP path; and receiving, at the source IP endpoint node, a corresponding reverse packet train from the destination IP endpoint node, the reverse packet train including a second plurality of IP test packets over the reverse IP path each of which correspond to a respective one of the first plurality of IP test packets. For those IP path capacity measurements embodiments which are TWAMP-based, no changes are needed to the TWAMP control protocol, e.g., since exemplary embodiments make use of padding octets to transfer additional information which can be used for available IP path capacity and tight IP link capacity calculations.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1737/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : LIQUID DISPENSER

(51) International classification	:A47K5/12
(31) Priority Document No	:12/941,736
(32) Priority Date	:08/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057760
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/064505
(61) Patent of Addition 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)BINDERBAUER, Horst

2)FRANCHETTO, Renato S.

3)ABEJON, Drew S.

(57) Abstract :

A sanitary liquid dispenser having a spherical housing with a discharge port and a fluid reservoir positioned within the dispenser. The fluid reservoir includes a disposable deformable bag with a nozzle projecting downwardly from the bag. The dispenser includes a proximity detector for activating a discharge mechanism when detecting the proximity of an object beneath the dispenser. The discharge mechanism includes a valve within the nozzle.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1738/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CARBON MATERIALS COMPRISING CARBON NANOTUBES AND METHODS OF MAKING CARBON NANOTUBES

(51) International classification :C01B31/02,B01J23/745,B01J37/08
(31) Priority Document No :1018498.4
(32) Priority Date :02/11/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001549
Filing Date :02/11/2011
(87) International Publication No :WO 2012/059716
(61) Patent of Addition 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)SUNDARAM, Rajyashree
2)KOZIOL, Krzysztof Kazimierz
3)LEKAWA-RAUS, Agnieszka Ewa
4)WINDLE, Alan

(57) Abstract :

The present invention relates to carbon materials comprising carbon nanotubes, powders comprising carbon nanotubes and methods of making carbon nanotubes. In the methods of the present invention, the size and/or formation of floating catalyst particles is closely controlled. The resulting carbon nanotubes typically exhibit armchair chirality and typically have metallic properties. The carbon nanotubes produced by this method readily form bulk materials which typically have a conductivity of at least $0.7 \times 10^6 \text{ Sm}^{-1}$ in at least one direction. The invention has particular application to the manufacture of components such as electrical conductors. Suitable electrical conductors include wires (e.g. for electrical motors) and cables (e.g. for transmitting electrical power).

No. of Pages : 52 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1739/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : TRANS-2-DECENOIC ACID DERIVATIVE AND MEDICAMENT CONTAINING SAME

(51) International classification :C07C219/20,A61K31/16,A61K31/165
(31) Priority Document No.:2010-246503
(32) Priority Date :02/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075228
Filing Date :01/11/2011
(87) International Publication No :WO 2012/060396
(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)FURUKAWA, Shoei
3)NAIKI, Mitsuru
4)MATSUMOTO, Tomonori
5)SUGIMOTO, Hachiro

(57) Abstract :

The purpose of the present invention is to provide a novel trans 2 decenoic acid derivative and a pharmaceutically acceptable salt thereof and a medicament containing the compound described above as an active component and having a neurotrophic factor like effect and a side effect reducing effect due to administration of anti cancer agent which are highly safe. A trans 2 decenoic acid derivative or the pharmaceutically acceptable salt thereof which is a compound of the present invention is specifically represented by general formula (1) (where Y represents -O-, -NR-, or -S-, R represents a hydrogen atom, an alkyl group, a dialkylamino group, or the like, and W represents a substituent such as a dialkylaminoalkyl group) and is extremely highly useful as a preventive or therapeutic agent for dementia, Alzheimers disease, Parkinson s disease, depression and the like, a therapeutic or repairing agent for spinal cord injury, or a medicament such as an agent for reducing the side effect due to administration of anti-cancer agent.

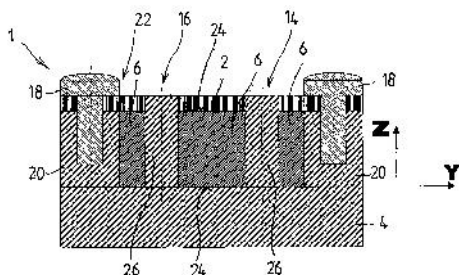
No. of Pages : 83 No. of Claims : 24

(54) Title of the invention : PRINTED CIRCUIT BOARD ARRANGEMENT HAVING A MICROSWITCH CLAMPED BETWEEN A PRINTED CIRCUIT BOARD AND A PRINTED CIRCUIT BOARD CARRIER

(51) International classification	:H05K1/18,B60T13/74	(71)Name of Applicant :
(31) Priority Document No	:10 2010 054 050.1	1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date	:10/12/2010	Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN,GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/071880	1)SCHMAUDER, THILO
Filing Date	:06/12/2011	
(87) International Publication No	:WO 2012/076508	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a printed circuit board arrangement (1) having a printed circuit board (2) which can be populated with components which comprise at least one microswitch (6) wherein the printed circuit board (2) is fastened to a printed circuit board carrier (4). The invention provides for the microswitch (6) to be held between the printed circuit board (2) and the printed circuit board carrier (4) at least by means of frictional clamping owing to the normal forces caused by the fastening of the printed circuit board (2) to the printed circuit board carrier (4).



No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1845/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SERVICE BRAKE VALVE WITH AT LEAST ONE ELECTRIC SWITCH DIRECTLY ACTUABLE BY A RELAY PISTON

(51) International classification	:B60T7/04,B60T15/14
(31) Priority Document No	:10 2010 054 052.8
(32) Priority Date	:10/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/071894
Filing Date	:06/12/2011
(87) International Publication No	:WO 2012/076514
(61) Patent of Addition 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 :MOOSACHER STR. 80, 80809 MÜNCHEN, GERMANY

(72)Name of Inventor :
1)SCHMAUDER, THILO

(57) Abstract :

The invention relates to a service brake valve (1) for at least one pneumatic braking circuit of a pneumatic or electro pneumatic braking device of a vehicle containing a service brake valve housing (4) a tappet (2) actuable by a foot brake plate a tappet receptacle (6) with a spring plate (8) spring means (9) for transmitting the actuating forces acting on the tappet (2) to at least one relay piston (10) and at least one electric switch (12) for changing an electric signal directly after actuation of the foot brake plate. According to the invention the electric switch (12) can be directly actuable by the relay piston (10)..

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS FOR LAMINATING A SUBSTRATE PLATE WITH A PLASTIC FILM

(51) International classification :B32B37/12,B08B1/04,B32B21/08

(31) Priority Document No :10 2010 054 810.3

(32) Priority Date :16/12/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/006081

Filing Date :05/12/2011

(87) International Publication No :WO 2012/079714

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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PREUSSISCH OLDENDORF-HEDEM GERMANY

(72)Name of Inventor :

1)SCHUMACHER, REINHARD

(57) Abstract :

Process and apparatus for laminating a substrate plate (2) with a plastic film (3), in which the following steps are carried out: a) the back side of the plastic film, which faces towards the substrate plate, is pretreated by means of a corona treatment in a corona system (4); b) an adhesive is applied to the back side of the plastic film in a contactless manner by means of nozzle application; c) the plastic film is laminated onto the substrate plate by means of a laminating roller (18) and a back-pressure roller (20) lying opposite the laminating roller on the back side of the substrate plate; wherein the plastic film is held with tension throughout the process up to lamination, and wherein the conveying speed of the substrate plates is 0.001 to 0.3 m/min higher than that of the laminating roller, wherein a time difference of at least 10 s is observed between the corona treatment of the plastic film and the application of adhesive, wherein a time difference of at least 5 s is observed between the application of a hot melt adhesive and the lamination, and wherein the relative humidity is regulated.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1836/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS AND PLANT FOR TREATING ORE CONCENTRATE PARTICLES CONTAINING VALUABLE METAL

(51) International classification	:C22B1/02,C22B11/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OUTOTEC OYJ
(32) Priority Date	:NA	Address of Applicant :RIIHITONTUNTIE 7 E, FI-02200
(33) Name of priority country	:NA	ESPOO FINLAND
(86) International Application No	:PCT/FI2010/051022	(72)Name of Inventor :
Filing Date	:14/12/2010	1)HOLMSTRÖM, ...KE
(87) International Publication No	:WO 2012/080558	2)LUNDHOLM, KARIN
(61) Patent of Addition to Application Number	:NA	3)BERG, GUNNAR
Filing Date	:NA	4)GÜNTNER, JOCHEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a process and a plant for treating ore concentrate particles containing valuable metal and having at least arsenic and sulfur containing components. The process comprises a two-stage roasting process comprising a first roasting step (1) made in a first roasting reactor (16) and a second roasting step (3) made in a second roasting reactor (17). A gas mixture is formed from the first process gas component (2) obtained from the first roasting step(1)and from the second process gas component (4) obtained from the second roasting step (3). Post combustion of the gas mixture is made in a post combustion chamber (6). The post combustion operates with said reducing and sulphide rich first process gas component (2) and the second process gas component (4) as oxidizer gas in order to decompose SO₃ in the gas mixture to reduce the SO₃ content. The risk of accretion formation and corrosion in the post combustion chamber and in subsequent steps is reduced. Finally the exit gas (7) is exposed to subsequent gas cooling and dust removal steps (8 to 11).

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1837/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELASTIC ELEMENT FOR A DEVICE FOR DISPENSING FLUIDS OR MIXTURES AND DEVICE COMPRISING SAID ELASTIC ELEMENT

(51) International classification	:B05B11/00
(31) Priority Document No	:VI2011A000012
(32) Priority Date	:31/01/2011
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2012/000109
Filing Date	:25/01/2012
(87) International Publication No	:WO 2012/104694
(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)TAPLAST S.P.A.

Address of Applicant :VIA MAROSTICANA 65/67 I-36031
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(72)Name of Inventor :

1)SANTAGIULIANA, EVANS

(57) Abstract :

The present invention concerns an elastic element (9; 100) for a device (1) for dispensing fluids (L), comprising a surface (28) that develops around a main longitudinal axis (X), comprising a portion with spiral shaped development that defines in cross section according to a section plane containing the longitudinal axis (X) an alternation between external tips (31; 131; 231) and internal tips (30; 130; 230) each one of said external tips being connected to a corresponding adjacent internal tip (30; 130; 230) by a connection portion (32; 132) belonging to the surface (28). Said internal tips (30; 130; 230) are aligned along an internal envelope axis (Yi) that forms with the main longitudinal axis (X) an angle (A) preferably included between 2° and 12°. The subject of the invention also includes the device for dispensing fluids (L).

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1838/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DOSAGES OF ARYLSULFONAMIDE DERIVATIVES

(51) International classification :A61K31/18,A61K31/4164,A61P27/00
(31) Priority Document No :10306382.2
(32) Priority Date :09/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072305
Filing Date :09/12/2011
(87) International Publication No :WO 2012/076684
(61) Patent of Addition 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)COMBAL, JEAN-PHILIPPE
2)LATOUR, ELISABETH

(57) Abstract :

The invention is directed to the therapeutic use of arylsulfonamide derivatives.

No. of Pages : 15 No. of Claims : 7

(54) Title of the invention : POWER GENERATION SYSTEM USING PLASMA GASIFIER

(51) International classification :F23D99/00,F23L7/00,F23C10/00

(31) Priority Document No :10-2010-0121234

(32) Priority Date :01/12/2010

(33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2010/008633

Filing Date :03/12/2010

(87) International Publication No :WO 2012/074156

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

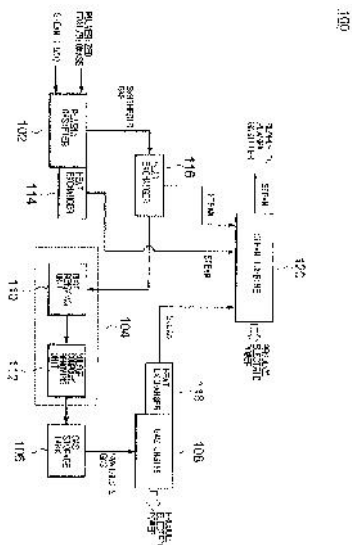
Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(57) Abstract :

Disclosed is a power generation system using a plasma gasifier. According to one embodiment of the present invention, the power generation system comprises: a plasma gasifier which produces syn-gas comprising hydrogen and carbon monoxides by burning pulverized coal and biomass using plasma; an impurity removal device which removes impurities included in the produced syn- gas; a gas storage tank which stores the syn-gas from which impurities were removed in the impurity removal device; and a gas engine which produces electricity by burning the syn-gas stored in the gas storage tank.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1751/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SEED COATING AGENT, AND SEED COATED USING SEED COATING AGENT

(51) International classification :A01C1/06
(31) Priority Document No :2010-253691
(32) Priority Date :12/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076464
Filing Date :10/11/2011
(87) International Publication No :WO 2012/063967
(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)KAWANO, Takashi
2)FUJINAGA, Masashi

(57) Abstract :

A seed coating agent containing iron particles and a binder, and used for coating the surface of seeds, wherein the mass ratio of iron particles having a particle diameter of 45µm or less is 35-85% exclusive, the mass ratio of iron particles having a particle diameter of 63µm or less is greater than 75%, and the average particle diameter of the binder is 1-150µm. Thus provided is a coating in which the loss of iron particles is low in both the seeding and the transportation stages.

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CONTROL DEVICE OF ROTATING ELECTRICAL MACHINE

(51) International classification :H02P6/12

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/006602

Filing Date :10/11/2010

(87) International Publication No :WO 2012/063287

(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)KISHIBATA, Kazuyoshi

2)TAKAHASHI, Masakatsu

(57) Abstract :

A control device which controls a rotating electrical machine which functions as a motor and a generator comprises: a power transformer circuit which carries out a function as an inverter which supplies drive current from a battery to a rotating electrical machine and a function as a rectifier which rectifies generated power output of the rotating electrical machine and supplies same to the battery; and a controller which controls the transformer circuit to be in a state of short- circuiting a three-phase armature coil of the rotating electrical machine when the battery is disconnected from the transformer circuit and the DC output voltage of the transformer circuit becomes excessive, and thereafter when the direct current voltage of the transformer circuit has declined to a set minimum voltage to be in a state of disabling a monophasic short- circuit of the armature coil and short- circuiting only a diphasic thereof.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1855/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR THE DETECTION AND CLASSIFICATION OF MICROCALCIFICATION GROUPS IN DIGITAL MAMMOGRAPHIES

(51) International classification :A61B6/12,G06T7/00,G06F19/12
(31) Priority Document No :61/411,976
(32) Priority Date :10/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/MX2011/000136
Filing Date :10/11/2011
(87) International Publication No :WO 2012/064169
(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)HERNANDEZ CISNEROS,ROLANDO RAFAEL

(57) Abstract :

A method for the detection and classification of microcalcification clusters in digital mammogramswhich comprises the following steps: obtaining one or more digital mammograms; pre-processing the one or more digital mammograms by eliminating the noise from each one or more digital mammograms; detecting the points that are potential microcalcifications represented by their centroids, in the one or more pre-processed digital mammograms; identifying each mass center of potential microcalcifications as a microcalcification or non-microcalcification; identifying microcalcification clusters, using an algorithm for locating microcalcification cluster; and classifying each cluster into the classes benign or malignant.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1857/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR PROTECTING ELECTRICAL POLES AND GALVANIZED ANCHORS FROM GALVANIC CORROSION

(51) International classification :H05B37/00

(31) Priority Document No :61/414,144

(32) Priority Date :16/11/2010

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

(86) International Application No :PCT/US2011/060690

Filing Date :15/11/2011

(87) International Publication No :WO 2012/068043

(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)ZAMANZADEH, MEHROOZ

2)RHODES, GEOFFREY, O

(57) Abstract :

A method for protecting a plurality of metal electrical poles and copper grounding from galvanic corrosion in corrosive soils includes electrically interconnecting the poles to a grounding grid and providing an impressed current anode for the cathodic protection of the grounding grid.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1749/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DYNAMIC CYCLONE SEPARATOR ,WITH AN AXIAL FLOW AND HAVING A VARIABLE CONFIGURATION

(51) International classification	:B04C3/00,B04C3/06	(71)Name of Applicant :
(31) Priority Document No	:M12010A 002239	1)ENI S.P.A.
(32) Priority Date	:03/12/2010	Address of Applicant :Piazzale E. Mattei, 1 1-00144 Roma,
(33) Name of priority country	:Italy	ITALY
(86) International Application No	:PCT/IB2011/055403	(72)Name of Inventor :
Filing Date	:01/12/2011	1)CICCARELLI, Liberato Giampaolo
(87) International Publication No	:WO 2012/073213	2)IOVANE, Massimo
(61) Patent of Addition to Application	:NA	3)MARGARONE, Michele
Number	:NA	4)ANDREUSSI, Paolo
Filing Date	:NA	5)ANSIATI, Alberto
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Dynamic cyclone separator, with an axial flow, having a variable configuration and tubular structure (1) comprising: vortex-generating means (2) having a variable configuration, consisting of a central support (3) and a plurality of axial fins (4) having an adjustable tilt; a central support (3) having an ogival configuration which is such as to define with the outer tubular structure (1) a convergent-divergent duct in which the gas expands adiabatically; a tubular porous wall (1b) in the area of maximum velocity for capturing the particulate.

No. of Pages : 12 No. of Claims : 3

(54) Title of the invention : POLYESTER RESIN

(51) International classification :C08L67/02,C08G63/87,C08K5/5333
 (31) Priority Document No :2010-255954
 (32) Priority Date :16/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/076241
 Filing Date :15/11/2011
 (87) International Publication No :WO 2012/067083
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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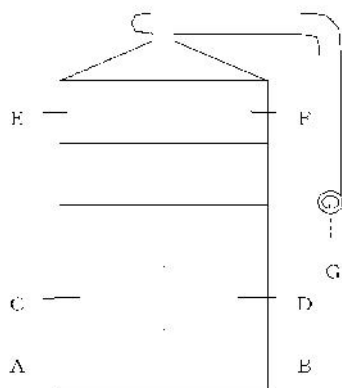
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(57) Abstract :

The present invention is a polyester resin which is obtained by using an aluminum compound and a phosphorus compound as the polymerization catalyst and which comprises at least 85mol% of ethylene terephthalate structural units wherein the content of aluminum based foreign matter is 100ppb or less and the content of phosphorus compounds represented by a specific structure is 5 to 11ppm each being relative to the mass of the polyester resin. Thus the present invention can provide by commercial scale continuous polymerization a polyester resin which has the following characteristics: a molded product of the polyester resin exhibits high transparency; and when the molded product is a heat resistant bottle the crystallization of the neck finish portion can be easily controlled while when the molded product is a sheet for forming the sheet is less susceptible to whitening when heated during the forming.



No. of Pages : 51 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1860/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : LED LAMP WITH HIGH COLOR RENDERING INDEX

(51) International classification :F21K99/00
(31) Priority Document No :12/975,820
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026791
Filing Date :02/03/2011
(87) International Publication No :WO 2012/087363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN DE VEN, ANTONY PAUL
2)NEGLEY,GERRY
3)LU,DONG

(57) Abstract :

An LED lamp with a high color rendering index(CRI) is disclosed. Example embodiments of the invention provide an LED lamp (100, 200, 300, 400, 500, 600, 700) with a relatively high color rendering index (CRI). In some embodiments, the lamp (100, 200, 300, 400, 500, 600, 700) has other advantageous characteristics, such as good angular uniformity. In some embodiments, the LED lamp (100, 200, 300, 400, 500, 600, 700) is sized and shaped as a replacement for a standard incandescent bulb, and includes an LED assembly (102, 202, 302, 402, 502, 602, 702) with at least first and second LEDs operable to emit light of two different colors. In some embodiments, the lamp (100, 200, 300, 400, 500, 600, 700) can emit light with a color rendering index (CRI) of at least 90 without remote wavelength conversion. In some embodiments, the LED lamp (100, 200, 300, 400, 500, 600, 700) conforms some, most, or all of the product requirements for a 60-watt incandescent replacement for the L prize.

No. of Pages : 45 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1861/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A MULTISTAGE RECEIVER SYSTEM

(51) International classification	:H03G3/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/067670
Filing Date	:17/11/2010
(87) International Publication No	:WO 2012/065638
	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)BJÖRK, VIMAR
3)ROLÉN, CLAES

(57) Abstract :

A receiver system (100, 200) with controllable attenuators (105,115,125) and a component (135) with a limited input range, arranged to receive as its input signal the output signal from the attenuators. The receiver system also comprises a compensation circuit (140) which varies the level of the output signal of the component and a control loop (145,245,250,255) which monitors the component and controls at least one attenuator (105,115,125) to be active or inactive so that the level of the signal to the component is within the input range and controls the compensation circuit (140) to keep the output signal of the component constant. The control of the compensation circuit and attenuators between the component and said at least one attenuator is carried out in synchronicity with the propagation of the received signal through the attenuator chain (100) from said at least one attenuator.

No. of Pages : 31 No. of Claims : 9

(54) Title of the invention : METHOD FOR TRANSMITTING A SIM APPLICATION OF A FIRST TERMINAL TO A SECOND TERMINAL

(51) International classification :H04W8/20,G06F21/00,H04L29/06
 (31) Priority Document No :10306359.0
 (32) Priority Date :06/12/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/071660
 Filing Date :02/12/2011
 (87) International Publication No :WO 2012/076419
 (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)MERRIEN, Lionel

2)BERARD, Xavier

3)GACHON, Denis

(57) Abstract :

The present invention concerns a method for transmitting a Sim application of a first terminal to a second terminal, the Sim application being stored in a secure element included in the first terminal, the access to the Sim application being locked by a Pin code. According to the invention, the method consists in: i - exporting the Sim application from the first terminal to a distant site by including the Pin code as well as a remote loading code; ii - ask to the user of the second terminal to enter the remote loading code in the second terminal; iii - in the event the remote loading code entered by the user matches the remote loading code that has been exported, authorizing the installation of the Sim application in a secure element of the second terminal, and otherwise, do not install the Sim application in the secure element of the second terminal.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1758/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : NEW USE OF FOOD COMPOSITIONS AND PRODUCTS COMPRISING OXIDES AND/OR HYDROXIDES

(51) International classification :A23L1/03,A23L1/059,A23L1/30
(31) Priority Document No :MI2010A002228
(32) Priority Date :02/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/002903
Filing Date :01/12/2011
(87) International Publication No :WO 2012/073104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRUNELLO, Dario
3)TOMBOLAN, Luca
4)GUERRATO, Alfredo

(57) Abstract :

The subject matter of the invention relates to the use of a composition comprising at least one oxide and/or hydroxide insoluble in an aqueous environment, preferably selected from silicon dioxide (SiO₂), titanium dioxide (TiO₂), aluminium oxide (Al₂O₃) and aluminium hydroxide (Al(OH)₃), magnesium oxide (MgO), to reduce absorption of the ethanol ingested through the consumption of alcoholic beverages. The invention also comprises the use of food products comprising these mixtures for the aforesaid use.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1862/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MEANS AND METHODS FOR PRODUCING HIGH AFFINITY ANTIBODIES

(51) International classification :C07K16/10

(31) Priority Document No :10193562.5

(32) Priority Date :02/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/071676
Filing Date :02/12/2011

(87) International Publication No :WO 2012/072814
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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5)WAGNER, KOEN

(57) Abstract :

The invention provides means and methods for producing-high affinity antibodies against an antigen of interest,using stable B-cell cultures.

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1863/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CHARGING METHOD AND USER EQUIPMENT

(51) International classification	:H01M10/44
(31) Priority Document No	:201010624697.1
(32) Priority Date	:29/12/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/084680
Filing Date	:26/12/2011
(87) International Publication No	:WO 2012/089086 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)HAO, ZHIMING

(57) Abstract :

The present invention provides a charging method and a user equipment. The charging method includes: measuring a maximum output current value of a charger according to a received fast charging instruction; setting a charging current value for a battery of a user equipment according to the maximum output current value; receiving, from the charger, a first charging current corresponding to the charging current value; and disconnecting the charger if a charging temperature of the battery is detected to be higher than a preset temperature. The charging method and user equipment provided in the present invention solve problems in the prior art that the charger is damaged because of overloading in case of emergency charging, and that the battery of the user equipment is overcharged because of an over-high charging temperature, so that safe and fast charging is implemented.

No. of Pages : 21 No. of Claims : 11

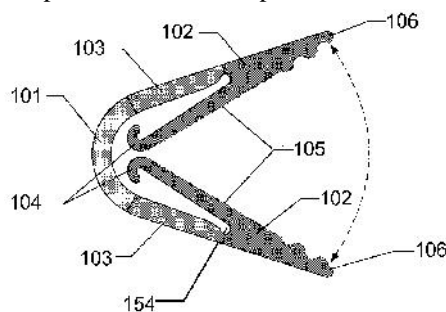
(54) Title of the invention : SURGICAL CLIP AND CLIP MANIPULATION DEVICE THEREFOR

(51) International classification :A61B17/122,A61B17/10,A61B17/08
 (31) Priority Document No :PCT/RU2010/000735
 (32) Priority Date :07/12/2010
 (33) Name of priority country :Russia
 (86) International Application No :PCT/AU2011/001586
 Filing Date :07/12/2011
 (87) International Publication No :WO 2012/075532 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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6)KOROTITSKIY, ANDREY VICTOROVICH
7)IPATKIN, ROUSLAN VALEREEVICH

(57) Abstract :

Some embodiments relate to a clip comprising: a base portion; first and second opposed arms coupled to the base portion; and first and second opposed jaws coupled to the respective first and second arms the first and second opposed jaws each having an inwardly extending portion that extends towards the base portion; wherein at least the base portion is formed of a shape memory alloy tending to force the first and second arms toward each other when a temperature of the base portion meets or exceeds a transformation temperature of the base portion.



No. of Pages : 54 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1768/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMMUNICATION SIGNAL TRANSMISSION METHOD, DEVICE, AND SYSTEM

(51) International classification :H04L27/26
(31) Priority Document No :201010586186.5
(32) Priority Date :13/12/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/070347
Filing Date :18/01/2011
(87) International Publication No :WO 2012/079293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LI, Yulin
3)YAN, Fengqing
4)ZHANG, Xiaodong
5)ZHANG, Xiwen

(57) Abstract :

The present invention discloses a method, an apparatus and a system for transmitting communication signals, and relates to the field of communications. The method includes that: a multifrequency receiver divides RF signals received from an antenna into the RF signals with different frequency bands, and transmits a first part of RF signals with a predetermined frequency band to an RF unit, so that the RF unit transforms the received first part of RF signals with the predetermined frequency band into first base band digital signals and transmits the first base band digital signals to a base band processing unit; the multifrequency receiver transforms a second part of RF signals with the predetermined frequency band into second base band digital signals, and transmits the second base band digital signals to the base band processing unit through a digital base band interface, or transmits the second base band digital signals to the RF unit through the digital base band interface, so that the RF unit transmits the second base band digital signals to the base band processing unit. The present invention is mainly applied to the process of multifrequency reception, and can improve the reception performance of networks.

No. of Pages : 64 No. of Claims : 39

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY INSERTING CONTENT INFORMATION INTO A MOBILE TV APPLICATION

(51) International classification :H04N21/40,H04W88/02,G06F9/44
 (31) Priority Document No :61/422,108
 (32) Priority Date :10/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/064283
 Filing Date :09/12/2011
 (87) International Publication No :WO 2012/079054
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)MARSHALL, Vernon, C.

(57) Abstract :

According to an embodiment, the present invention provides a method for operating a mobile communication device configured for outputting a television application and displaying selected content within a television environment of the mobile communication device. The method includes initiating a TV application using a user interface coupled to the mobile communication device. The method also includes capturing a television signal using a tuning device provided in the mobile communication device. The television signal is one of a plurality of television signals from respective television channels. The method further includes outputting a TV program associated with the television signal for the captured television channel on a display of the mobile communication device. Additionally, the method includes retrieving a configurable content object from a database provided within the mobile communication device. The configurable content object is one of a plurality of configurable content objects numbered from 1 through N, where N is an integer greater than 1.

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1867/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : VARIABLE BINOCULAR LOUPE UTILIZING FLUID FILLED LENS TECHNOLOGY A

(51) International classification :G02B3/14
(31) Priority Document No :61/418,440
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062768
Filing Date :01/12/2011
(87) International Publication No :WO 2012/075218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAUVET, JULIEN
3)EGAN, WILLIAM

(57) Abstract :

A binocular loupe containing one or more sealed fluid filled lenses is described. The binocular loupe includes one or more eyepieces a distance sensor and control electronics in an embodiment the optical power of the fluid filled lenses may be adjusted to adjust the focal length associated with the binocular loupe. The distance sensor may be used to determine a distance between the binocular loupe and a sample while a controller compares the measured distance to the current optical power of the one or more sealed fluid filled lenses The controller may transmit signals to one or more actuators coupled to one or more sealed fluid filled lenses to change the optical power of the one or more sealed fluid filled lenses based on the comparison.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1868/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ANTITUMOR COMBINATIONS CONTAINING ANTIBODIES RECOGNIZING SPECIFICALLY CD38 AND BORTEZOMIB

(51) International classification :A61K39/395,A61K45/06,C07K16/28
(31) Priority Document No :10306395.4
(32) Priority Date :10/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072228
Filing Date :08/12/2011
(87) International Publication No :WO 2012/076663
(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)DECKERT, JUTTA
2)LEJEUNE, PASCALE
3)MAYO, MICHELE F
4)PARK, PETER U

(57) Abstract :

Pharmaceutical composition comprising an antibody specifically recognizing CD38 and bortezomib.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1770/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF METAL DOPED ZEOLITES AND ZEOTYPES AND APPLICATION OF SAME TO THE CATALYTIC REMEDIATION OF NITROGEN OXIDES

(51) International classification :B01J37/02,B01D53/94,B01J29/85

(31) Priority Document No :10015547.2

(32) Priority Date :11/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/072190

Filing Date :08/12/2011

(87) International Publication No :WO 2012/076648

(61) Patent of Addition 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)WEN, Fei

2)SOUTHWARD, Barry, W., L.

3)JONGEN, Liesbet

4)HOFMANN, Alexander

5)HEREIN, Daniel

(57) Abstract :

The present invention is directed to a process for the production of ion exchanged (metal-doped, metal-exchanged) Zeolites and Zeotypes, In particular, the method applied uses a sublimation step to incorporate the ion within the channels of the Zeolitic material. Hence, according to this dry procedure no solvent is involved which obviates certain drawbacks connected with wet exchange processes known in the art.

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1771/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 18/10/2013

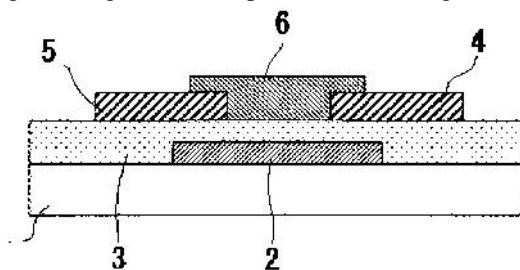
(54) Title of the invention : COATING LIQUID FOR FORMING METAL OXIDE THIN FILM, METAL OXIDE THIN FILM, FIELD EFFECT TRANSISTOR, AND METHOD FOR PRODUCING THE FIELD EFFECT TRANSISTOR

(51) International classification :H01L21/336,H01L21/368,H01L29/786
(31) Priority Document No :2010-265261
(32) Priority Date :29/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077444
Filing Date :22/11/2011
(87) International Publication No :WO 2012/073913
(61) Patent of Addition 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)NAKAMURA, Yuki
2)UEDA, Naoyuki
3)ABE, Yukiko
4)SONE, Yuji

(57) Abstract :

A coating liquid for forming a metal oxide thin film, the coating liquid including: an inorganic indium compound; at least one of an inorganic magnesium compound and an inorganic zinc compound; and a glycol ether.



No. of Pages : 69 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1873/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ACTIVE MATRIX DILUTE SOURCE ENABLED VERTICAL ORGANIC LIGHT EMITTING TRANSISTOR

(51) International classification	:H01L51/05,H01L29/786	(71)Name of Applicant :
(31) Priority Document No	:61/420,512	1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
(32) Priority Date	:07/12/2010	Address of Applicant :223 GRINTER HALL,
(33) Name of priority country	:U.S.A.	GAINESVILLE, FL 32611 U.S.A.
(86) International Application No	:PCT/US2011/063745	(72)Name of Inventor :
Filing Date	:07/12/2011	1)RINZLER, ANDREW, GABRIEL
(87) International Publication No	:WO 2012/078759	2)MCCARTHY, MITCHELL, AUSTIN
(61) Patent of Addition to Application Number	:NA	3)LIU, BO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments are provided for dilute source enabled vertical organic light emitting transistors. In various embodiments, a display panel includes an array of pixels. In one embodiment , among others, at least one pixel includes a switching transistor and a driving transistor coupled to the switching transistor, where the driving transistor is configured to emit light responsive to activation by the switching transistor. The driving transistor may be a dilute source enabled vertical organic light emitting transistor (DS-VOLET). The switching transistor may include a dilute source enabled vertical field effect transistor (DS-VFET). In another embodiment, a double dilute source enabled vertical-field effect transistor (DS-VFET) includes a first DS-VFET coupled to a second DS- VFET.

No. of Pages : 89 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1874/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR DEBURRING END FACE OF FORMED GROOVE, AND FORMED ROTARY CUTTING TOOL FOR CHAMFERING

(51) International classification	:B23C3/12,B23C5/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/071611
Filing Date	:02/12/2010
(87) International Publication No	:WO 2012/073374
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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TOYOKAWA-SHI, AICHI, 4420005, JAPAN
(72)**Name of Inventor :**
1)MORI KOSUKE

(57) Abstract :

Chamfering for removing a burr on an end surface 90 is performed by using a tree-shaped groove chamfering tool 70 acquired by deforming a radial shape of a Christmas tree formed milling cutter 30 used in cutting of a tree-shaped groove 52, in accordance with a predefined chamfer angle , and by rotationally driving around an axial center C and moving the tree-shaped groove chamfering tool 70 relative to the end surface 90 of the tree-shaped groove 52 in the direction orthogonal to the axial center C along an axial center movement locus 94 forming the chamfer angle relative to an axial center movement locus 92 of the Christmas tree formed milling cutter 30 in the cutting of the tree-shaped groove 52 and, therefore, the burr removal work can be mechanized by the same machine as the machine related to cutting of a formed groove while the standardized simple operation enables shortening of working hours and unmanned operation without requiring skills of workers.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1875/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HIGH PRESSURE MULTISTAGE CENTRIFUGAL PUMP FOR FRACTURING HYDROCARBON RESERVES

(51) International classification :F04D1/06,E21B43/26,F04D29/16

(31) Priority Document No :61/434,167

(32) Priority Date :19/01/2011

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

(86) International Application No :PCT/CA2012/000047

Filing Date :19/01/2012

(87) International Publication No :WO 2012/097440

(61) Patent of Addition 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)PETTIGREW, DANA

2)LIMANOWKA, WOJCIECH A.

3)VUKADIN, ZORAN

(57) Abstract :

The present invention relates to a multistage centrifugal pump design, which has the diffusers, impellers, and a shaft, inserted within a high pressure housing such that this assembly is fully enclosed within the housing, and the housing is of sufficient strength to be suitable for safe pressure containment of the fluids being pumped. This invention describes the technical details used to reconfigure the multistage centrifugal pump design to increase the discharge pressure capabilities higher than the 6 000 psig of current designs.

No. of Pages : 31 No. of Claims : 16

(54) Title of the invention : SEALING MATERIAL OF POLYPROPYLENE WITH IMPROVED OPTICAL PERFORMANCE

(51) International classification :C08L23/12,C08L23/14,C08J5/18
 (31) Priority Document No :11150025.2
 (32) Priority Date :03/01/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/050001
 Filing Date :02/01/2012
 (87) International Publication No :WO 2012/093098
 (61) Patent of Addition 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)REICHELT, KRISTIN**2)STOCKREITER, WOLFGANG****3)AGUAYO ARELLANO, PABLO IVAN**

(57) Abstract :

Polypropylene composition comprising a propylene homopolymer having a melt flow rate MFR2 (230 °C) in the range of 1.0 to 20.0 g/10min and a propylene copolymer said copolymer comprises - a polypropylene fraction having a comonomer content of not more than 1.0 wt. %, the comonomers are C5 to C12 -olefins, and - a propylene copolymer fraction having a comonomer content 4.0 to 20.0 wt. %, the comonomers are C5 to C12 -olefins, wherein further - the propylene copolymer has a comonomer content of at least 2.5 wt.%, the comonomers are C5 to C12 -olefins, - the melt flow rate MFR2 (230°C) of the propylene homopolymer is higher than the melt flow rate MFR2 (230°C) of the polypropylene fraction, - the weight ratio of the polypropylene fraction to the propylene copolymer fraction is in the range of 30/70 to 70/30, and - the weight ratio of the propylene copolymer to the propylene homopolymer is in the range of 95/5 to 75/25.

No. of Pages : 51 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1788/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : FAULTY LINK DETECTION METHOD, APPARATUS, NODE, AND SYSTEM

(51) International classification :H04N21/24
(31) Priority Document No :201010601481.3
(32) Priority Date :15/12/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/081285
Filing Date :25/10/2011
(87) International Publication No :WO 2012/079430
(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)LIU, SHUYING
2)XIANG, HAIZHOU
3)CHEN, HAIBIN
4)YANG, YOUQING
5)ZHENG, HEWEN

(57) Abstract :

Disclosed are a lossy link detection method,an apparatus,a node and a system,belonging to the field of Internet Protocol Television (IPTV). The method comprises: receiving statistical data reported by all nodes every preset number of packets carrying the program clock reference value,wherein all the nodes start to collect statistical data from a unified program clock reference; acquiring the number of packets lost between an upstream node and a downstream node among all the nodes according to the statistical data; and identifying the lossy link according to the packets lost between the upstream node and the downstream node. The lossy link detection apparatus provided in the embodiments of the present invention acquires the statistical data collected at a uniform reference time by different nodes,and determines the number of packets lost between the upstream node and the downstream mode by comparison to identify the lossy link thus the IPTV service provider is able to quickly and accurately pinpoint network faults.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : A METHOD FOR APPLYING AND EXPOSING COATING OR INK COMPOSITIONS ON SUBSTRATES TO RADIATION AND THE PRODUCT THEREOF

(51) International classification :B05D3/02,B05D3/06,B05D5/10
(31) Priority Document No :61/422,279
(32) Priority Date :13/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/064547
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082687
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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PARSIPPANY,NJ 07054, U.S.A.
(72)Name of Inventor :
1)ZHANG, YUEMEI
2)ADHIKARI,PRASAD,K.

(57) Abstract :

The present invention describes a two-sided radiation exposure method including a step of applying a coating or ink composition on a surface of a nonporous substrate. The applied coating or ink composition surface of the nonporous substrate is exposed to radiation one or more times. In addition, a non-applied surface of the nonporous substrate is exposed to radiation one or more times. The two-sided radiation exposure method improves adhesion and/or curing properties of the coating or ink composition applied on the nonporous substrate. The present invention also describes a radiation exposed, nonporous substrate with a coating or ink composition applied on a surface thereof produced by the steps of the above-mentioned method.

No. of Pages : 35 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PRINTABLE ETCHANT COMPOSITIONS FOR ETCHING SILVER NANOWIRE-BASED TRANSPARENT, CONDUCTIVE FILMS

(51) International classification :C03C15/00,H01L31/18,C09K13/06
(31) Priority Document No :61/423,321
(32) Priority Date :15/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065288
Filing Date :15/12/2011
(87) International Publication No :WO 2012/083082
(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)COENJARTS, CHRISTOPHER

(57) Abstract :

The present invention relates to a novel printable paste composition and its use in etching conductive films formed by a plurality of interconnecting silver nano-wires. After etching,the conductive film has a pattern of conductive and non-conductive areas with low visibility. The etched films are suitable as a transparent electrode in visual display devices such as touch screens,liquid crystal displays,plasma display panels and the like.

No. of Pages : 39 No. of Claims : 85

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1880/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE FLUORINE-CONTAINING OXETEN

(51) International classification :C07D305/10,C07B61/00,C07D407/04
(31) Priority Document No :2010-263128
(32) Priority Date :26/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076359
Filing Date :16/11/2011
(87) International Publication No :WO 2012/070437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2) KOHSUKE AIKAWA
3)YUTA HIOKI

(57) Abstract :

[Problem] To provide a practical production method by which an optically active fluorine-containing oxeten, which can become an important intermediate for pharmaceuticals and agrochemicals, is able to be stably isolated. [Solution] This method for producing an optically active fluorine-containing oxeten is characterized in that a fluorine-containing α -ketoester and an internal alkyne are caused to react with each other in the presence of a transition metal complex that has an optically active ligand. By adopting the production method of the present invention, an optically active fluorine-containing oxeten can be obtained with high regioselectivity and high stereoselectivity (high optical purity) with high yield even in cases where the amount of an asymmetric catalyst is relatively low. In addition, the thus-obtained optically active fluorine-containing oxeten can be converted into various useful intermediates.

No. of Pages : 26 No. of Claims : 5

(54) Title of the invention : SI ALLOY-CONTAINING NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICES

(51) International classification :H01M4/38
 (31) Priority Document No :2010-264123
 (32) Priority Date :26/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/072016
 Filing Date :27/09/2011
 (87) International Publication No :WO 2012/070306
 (61) Patent of Addition 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 :

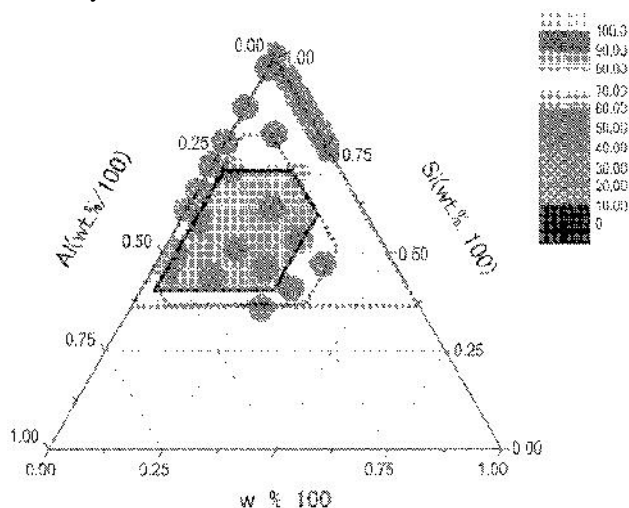
1)MANABU WATANABE

2)OSAMU TANAKA

3)MASAO YOSHIDA

(57) Abstract :

Disclosed is a negative electrode active material for electrical devices, comprising an alloy having a composition represented by the formula: SixCyAlz . In the composition formula: SixCyAlz , x,y and z represent mass percent values and satisfy the following conditions: $x + y + z = 100$; $36 \leq x < 100$; $0 < y < 64$; and $0 < z < 64$. The negative electrode active material for electrical devices shows well- balanced characteristics to combine high cycle performance with high initial capacity and high charge/discharge efficiency.



No. of Pages : 64 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTRODE PLATE WRAPPING DEVICE

(51) International classification :H01M4/04,H01M2/18,H01M6/02

(31) Priority Document No :2010-262748

(32) Priority Date :25/11/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/070892
Filing Date :13/09/2011

(87) International Publication No :WO 2012/070297

(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)YUHARA HIROSHI

4)YANAGI TAKAHIRO

5)OKAZAKI YASUFUMI

(57) Abstract :

In some examples, an electrode plate K is conveyed to a gap 230 of a pair of stacking drums 210 and 220 with a conveying section 100. In synchronization with conveyance of the electrode plate K, the drums 210 and 220 feed a pair of separators S each formed into a predetermined shape with the separators S adhering to corresponding peripheral surfaces of the pair of drums 210 and 220. While feeding the electrode plate K forward in a generally horizontal manner, the separators S are sequentially stacked on both surfaces of the electrode plate K in synchronized with rotations of the drums 210 and 220, and both edge portions of the separators S are welded.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1883/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METAL ALKYL-ARENES AND PROCESSES FOR THE PREPARATION THEREOF

(51) International classification :C07F7/00
(31) Priority Document No :MI2010A002400
(32) Priority Date :27/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/073925
Filing Date :23/12/2011
(87) International Publication No :WO 2012/089652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RENILI, FILIPPO
3)SOMMAZZI, ANNA
4)MARCHETTI, FABIO
5)MASI, FRANCESCO
6)POLESELLO, MARIO

(57) Abstract :

Metal alkyl-arene having general formula (I) or (Ia): $M(\text{-arene})_2\text{AlqXRRs}$ (I) $M(\text{-arene})\text{AlqXrRs}$ (Ia) wherein: -M represents zirconium (Zr), hafnium (Hf), or mixtures thereof, preferably zirconium; -arene represents a benzene, or a benzene 10 substituted with from 1 to 6 linear or branched C1-C6 alkyl groups, or mixtures thereof; -X represents a halogen atom selected from chlorine, bromine, fluorine, iodine, preferably chlorine; -R represents a linear or branched C1-C15 alkyl group; q is a number ranging from 2 to 6, preferably 3 for a metal alkyl-arene having general formula (I), 2 for a metal alkyl-arene having general formula (Ia); r is a number ranging from 1 to 20, preferably 9 for a metal alkyl-arene having general formula (I), 6 for a metal alkyl-arene having general formula (Ia); -s is a number ranging from 1 to 6, preferably 2. Said metal alkyl-arene can be advantageously used for the preparation of solid components of catalysts for the (co)polymerization of α -olefins.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ELECTRIC SHIELDING ARRANGEMENT FOR A DISCONNECTION POINT IN WIRING FOR AN HVDC COMPONENT

(51) International classification :H02G15/105,H02G15/24,H01F27/36
(31) Priority Document No :102010063979.6
(32) Priority Date :22/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/072327
Filing Date :09/12/2011
(87) International Publication No :WO 2012/084553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)PETER HEINZIG
2)JENS HOPPE
3)JOHANN SCHLAGER

(57) Abstract :

The invention relates to an electric shielding arrangement (1) of a disconnection point of a conduit for an HVDC component, in particular an HVDC transformer or an HVDC choke. The shielding arrangement (1) consists of two outer tubular electrodes (10, 20) and an inner tube (30) in the interior of the two outer tubular electrodes (10, 20), said inner tube bridging the gap (50) at the disconnection point between the two outer tubular electrodes (10, 20). The electric fields are conducted across the disconnection point through said inner tube (30). Lower maximal direct current field strengths are thereby produced than without said inner tube (30). The substantially tubular geometry of the two outer tubular electrodes (10, 20) and of the inner tube (30) ensures a simple and inexpensive producibility. Furthermore, a large tolerance can be ensured with respect to the sections to be connected relative to each other because larger gaps are also bridged by the inner tube (30).

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ARRANGEMENT FOR FEEDING ELECTRICAL ENERGY INTO AN ENERGY SUPPLY SYSTEM

(51) International classification :H02J3/38,F03D9/00,H02M7/00

(31) Priority Document No :11150695.2

(32) Priority Date :12/01/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/050171

Filing Date :06/01/2012

(87) International Publication No :WO 2012/095364

(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)VENPOWER GMBH

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RÜTHNICK, GERMANY

(72)Name of Inventor :

1)EICHERT, CHRISTIAN

2)KOLB, STEFAN

(57) Abstract :

The invention relates to an arrangement (10) for feeding electrical energy into an energy supply system (100). The invention provides that the arrangement has a generator (20) with electrically isolated winding systems (30), the arrangement has at least two frequency converters (40, 41, 42) with isolated intermediate circuits (60), wherein each frequency converter is connected directly or indirectly to a winding system (30) of the generator, the arrangement has at least one control device (80), to which the frequency converters are connected for actuation thereof, and the frequency converters, on actuation by the control device, feed current by means of a voltage with a multi-level characteristic into the energy supply system (100) .

No. of Pages : 27 No. of Claims : 23

(54) Title of the invention : SEAL FOR SEALING SHAFTS

(51) International classification :F16J15/32
 (31) Priority Document No :10 2011 018 584.4
 (32) Priority Date :11/04/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2012/000228
 Filing Date :29/02/2012
 (87) International Publication No :WO 2012/139541
 (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)BLOHM + VOSS INDUSTRIES GMBH

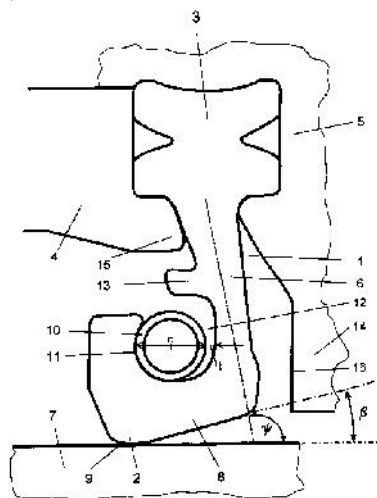
Address of Applicant :HERMANN-BLOHM-STRASSE 5, D-20457 HAMBURG, GERMANY

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1)ERNST PETER VON BERGEN**2)CARLOS FANGAUF****3)GUIDO WÜSTENHAGEN****4)LARS ZIEMEN****5)DIETER VON BORSTEL****6)IVAN RISTIC**

(57) Abstract :

In a seal(1) of shafts (7) relative to a medium, being received in housing-fixed support rings (4, 5) , it is provided that in an embodiment of the seal with a clamp-in element (3) and an angled element with a seal lip (2) arranged via an intermediate part (6) whereby a contact pressure is applied via a spring (10). For this it is provided that the spring (10) is embodied in a receiving groove (11) as a spring pocket with a free space (12) for the spring in the pressureless state. A nose (13) as a retaining element for the inserted spring is arranged on the membrane as an intermediate part (6) above the spring pocket (11) . The membrane is adjustable upon changing a tilt angle (α) by pressure loading up to reaching a limit pressure for contacting on an allocated housing wall (16) such as an extended support ring (5) . Thereby an enlarged bottom side contact angle (β) is established in the angled region with the seal lip (2) .



No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : POLYEPIHALOHYDRIN REVERSE EMULSION BREAKERS

(51) International classification :B01D17/05,C07C31/42
(31) Priority Document No :12/967,811
(32) Priority Date :14/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064520
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NALCO COMPANY
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NAPERVILLE,ILLINOIS 60563-1198 U.S.A.
(72)**Name of Inventor :**
1)TEKAVEC,THOMAS N.
2)FAUST, JR, MARCUS D.

(57) Abstract :

A composition and method for resolving reverse emulsions and complex water external emulsions using one or more polyeppihalohydrins,one or more polyelectrolytes thereof,and any combination thereof is disclosed and claimed. The disclosed invention may be used in any crude oil production process where such emulsions are encountered.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1790/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : EFFICIENT PEPTIDE COUPLINGS AND THEIR USE IN THE SYNTHESIS AND ISOLATION OF A CYCLOPENTA (G) QUINAZOLINE TRISODIUM SALT

(51) International classification :C07K5/072,C07D239/80
(31) Priority Document No :61/459,952
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065752
Filing Date :19/12/2011
(87) International Publication No :WO 2012/087888
(61) Patent of Addition 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 :249 E. GRAND AVE., SOUTH SAN FRANCISCO,CA 94080, U.S.A.
(72)Name of Inventor :
1)KERSCHEN ,JAMES, ALAN
2)BRIDGES,ALEXANDER,JAMES
3)CHOUBAL, MILIND, D.
4)DALZIEL,SEAN,MARK
5)JACKS,THOMAS,ELLIOTT
6)THOMPSON,ANDREW,S.
7)ZELLER,JAMES,ROBERT

(57) Abstract :

A new method for the synthesis of L-Glutamyl- -D-Glutamic acid and its use in the synthesis of (2R)-((4S)-carboxy-4-(4,A-(((6S)-2-(hydroxymethyl)-4-oxo-3,4,7,8- tetrahydro 3i/- cyclopenta[g]quinazolin-6-yl)-iV-(prop-2-ynyl)amino)benzamido)butanamido)pentanedioic acid,1 are provided. Also provided is an efficient method for the isolation and purification of the trisodium salt of the abovementioned acid,2,in a form suitable for long term storage and use in a parenteral dosing form.

No. of Pages : 50 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1791/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PLATE HEAT EXCHANGER

(51) International classification :F28F3/08,F28F9/007,F16B43/00	(71)Name of Applicant :
(31) Priority Document No :11150474.2	1)ALFA LAVAL CORPORATE AB
(32) Priority Date :10/01/2011	Address of Applicant :BOX 73, SE-22100 LUND, SWEDEN
(33) Name of priority country :EPO	(72)Name of Inventor :
(86) International Application No :PCT/EP2012/050085	1)FORSTENIUS,CHRISTOPHER
Filing Date :04/01/2012	2)GIDNER, JOHAN
(87) International Publication No :WO 2012/095341	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A plate heat exchanger comprising a set of heat exchanger plates arranged between a frame plate (11) and a pressure plate. A guide bar (15) guides the set of heat exchanger plates and the pressure plate (12) relatively the frame plate, a tightening member (40) is arranged on the guide bar (15) and a plate engager (50) is arranged intermediate the tightening member (40) and the pressure plate (12) for allowing the tightening member (40) to press the pressure plate (12) in a direction (D2) towards the frame plate (11). The plate engager (50) is releasable and the tightening member (40) is configured to protect the guide bar (15), such that the pressure plate (12) may move in a direction from the frame plate (11) and past the tightening member (40) when the plate engager (50) is released. A related method is also described.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1890/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR CONTROLLING HANDOFF

(51) International classification :H04W36/00,H04W36/08,H04W84/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/079931
Filing Date :17/12/2010
(87) International Publication No :WO 2012/079242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)Name of Inventor :
1)LAMPE, MATTIAS
2)ZHANG, JIE
3)VORNHOLZ,HANS-JOACHIM
4)KUHN, MATTHIAS

(57) Abstract :

A handoff control method is provided. The method includes the following steps. Handoff status information of a first mobile host (MH) is collected, wherein the handoff status information includes at least one parameter, the parameter is used for representing at least one status happened during the first MH performs handoff from a source access point (AP) to a target AP. The first MH includes at least one MH. According to the handoff status information, a handoff policy is generated, wherein the handoff policy is used for optimizing a handoff process of an MH associated with the source AP and the handoff process occurs after the first MH is handed off from the source AP. The handoff policy is sent to the MH associated with the source AP,so the MH associated with the source AP can performs handoff according to the handoff policy. A handoff control device and a system are further provided. Therefore, technical solutions may optimize the handoff process, reduce a total time delay of handoff and increase a possibility of successful handoff.

No. of Pages : 48 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ANTI-INFLAMMATORY PROTEINS AND METHODS OF PREPARATION AND USE THEREOF

(51) International classification :C07K14/76,A61K38/38,G01N33/68
(31) Priority Document No :590143
(32) Priority Date :22/12/2010
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2011/000271
Filing Date :22/12/2011
(87) International Publication No :WO 2012/087160
(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)MANUKAMED LIMITED
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(72)Name of Inventor :
1)BEAN, AMANDA
2)MOLAN, PETER
3)CURSONS, RAY
4)WILKINS, RICHARD

(57) Abstract :

The present disclosure relates to anti-inflammatory proteins,their uses,methods of preparation and methods of their detection. In particular,the invention relates to major royal jelly proteins modified by methyglyoxal and fragments thereof from manuka honey.

No. of Pages : 71 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD OF MANUFACTURING LEAD ALLOY SHEET FOR EXPANDED GRID, AND METHOD OF MANUFACTURING EXPANDED GRID FOR LEAD ACID BATTERY EMPLOYING THE LEAD ALLOY SHEET.

(51) International classification	:H01M4/74, H01M2/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/001715
Filing Date	:13/03/2012
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OHNO SYUHEI
2)KIMURA TAKAHIRO

(57) Abstract :

During manufacturing of a lead alloy sheet for an expanded grid in which a lead alloy sheet is unified with a base sheet by superimposing the lead alloy foil of different alloy composition from that of the base sheet on the base sheet comprising lead alloy and performing multiple cycles of a procedure of rolling the two materials by passage through gaps between pairs of mill rolls, a plurality of perforated holes that perforate the lead alloy foil in the thickness direction are interspersed throughout a leading end area established towards the leading end of the lead alloy foil, and the leading end area of the lead alloy foil in which the perforated holes have been interspersed is superimposed onto the leading end portion of the base sheet, and the base sheet and the lead alloy foil are supplied between mill rolls that perform the initial rolling. It is possible thereby to unify the base sheet and the lead alloy foil in a reliable manner, without a particularly high rolling rate in the rolling performed initially.

No. of Pages : 32 No. of Claims : 6

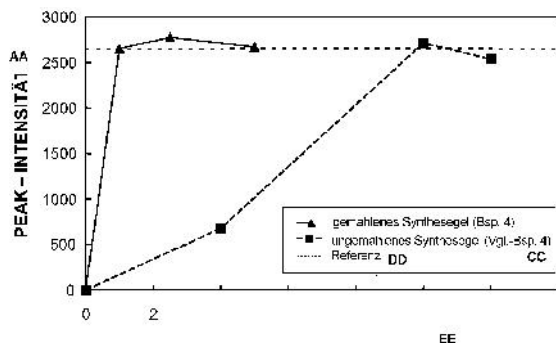
(54) Title of the invention : MECHANOCHEMICAL PRODUCTION OF ZEOLITES

(51) International classification :C01B39/28
(31) Priority Document No :10 2010 053 054.9
(32) Priority Date :01/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/071099
Filing Date :28/11/2011
(87) International Publication No :WO 2012/072527
(61) Patent of Addition 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)LADEBECK, JÜRGEN
3)KOY, JÜRGEN
4)WELLACH, STEPHAN
5)BURGFELS, GÖTZ

(57) Abstract :

The subject of the invention is a method for the synthesis of zeolites, comprising the following steps: a) providing a silicon source; b) providing an aluminium source; c) optionally providing at least one template; d) mixing the silicon source, aluminium source and optional template in order to produce a synthesis gel; e) grinding the synthesis gel; f) treating the ground synthesis gel under hydrothermal conditions in order to produce crystalline zeolite, as well as zeolites that can be obtained according to this method. The products obtained according to the method can be used as catalysts or catalyst supports.



AA PEAK INTENSITY
BB milled synthesis gel (Ex. 4)
CC unmilled synthesis gel (Comp. Ex. 4)
DD Reference
EE CRYSTALLIZATION TIME(h)

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1895/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MEDICAL APPARATUS AND METHOD OF MAKING THE SAME

(51) International classification	:A61F2/84
(31) Priority Document No	:61/414,270
(32) Priority Date	:16/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/061011
Filing Date	:16/11/2011
(87) International Publication No	:WO 2012/068261
(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)SOKEL, JUSTIN, W.
2)ZUKOWSKI,STANISLAW L.

(57) Abstract :

A catheter assembly (10) includes a catheter (20) having a proximal end and a distal end; an expandable device (30) releasably attached to the catheter near the distal end; a generally tubular constraining sleeve (40) extending around and compressing the device to an outer peripheral dimension suitable for endoluminal delivery; a tip (50) fixedly secured to the distal end of the catheter; and a bridge member (60) disposed between the tip and the expandable device so as to fill a gap (G) therebetween as the catheter assembly is bent during endoluminal delivery of the expandable device to a treatment site.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1896/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXPANDABLE AND CONTRACTIBLE HOSE

(51) International classification :F16L11/12
(31) Priority Document No :13/289,447
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031952
Filing Date :03/04/2012
(87) International Publication No :WO 2013/066389
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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33458 U.S.A.
(72)**Name of Inventor :**
1)BERARDI, MICHAEL

(57) Abstract :

A hose which automatically expands longitudinally and automatically expands laterally upon the application of a fluid pressure is disclosed. The hose can automatically expand longitudinally up to six times its unexpanded or contracted length. Upon release of the fluid pressure within the hose, the hose will automatically contract to a contracted condition. The hose includes an inner tube made from an elastic material and an outer tube made from a non-elastic material. The inner tube is positioned concentrically within the outer tube in both a contracted condition and an expanded condition. The outer tube is secured to the inner tube only at a first end of the inner and outer tubes and at a second end of the inner and outer tubes. The outer tube moves laterally and longitudinally with respect to the inner tube when the tubes are transitioning between a contracted condition and an expanded condition.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PEPTIDE SCAFFOLD DESIGN

(51) International classification :C07K14/005,C07K14/16,C07K14/18
(31) Priority Document No :61/475,965
(32) Priority Date :02/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/DK2011/050460
Filing Date :02/12/2011
(87) International Publication No :WO 2012/072088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRˆNVOLD, MAJA SOMMERFELT
3)HOLMBERG, JENS OLOF
4)SˆRENSEN, BIRGER

(57) Abstract :

The present invention relates to novel peptides and methods for treatment,diagnosis and prognosis of virus infections including infections with HCV,HIV,CMV and Influenza. The invention further relates to methods for identifying and providing peptides useful for the treatment and diagnosis.

No. of Pages : 80 No. of Claims : 66

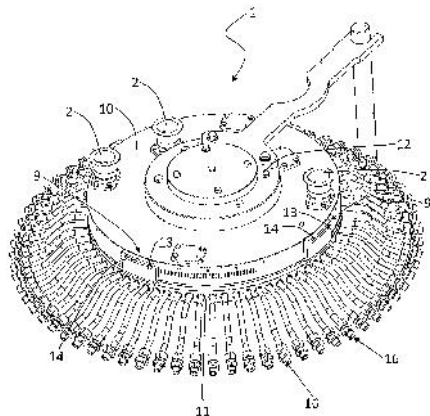
(54) Title of the invention : A ROTARY FLUID DISPENSER

(51) International classification :B67C3/22
 (31) Priority Document No :PR2011A000033
 (32) Priority Date :02/05/2011
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2012/051572
 Filing Date :30/03/2012
 (87) International Publication No :WO 2012/150513
 (61) Patent of Addition 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)DORDONI, CLAUDIO

(57) Abstract :

A rotary fluid dispenser, comprising: at least a fixed portion (3) provided with an arched window (5) developing from a first end (A) to a second end (B); at least a rotary portion (4) rotating about a predefined axis (x) bearing a plurality of fluid dispensing outlets (6); a treatment zone having an arched development, which is contained in the arched window (5) and extends from a fixed start point (C) to an end point (B) determined by the second end of the window (5); means (9) for varying the initial angular position of the arched window (5) with respect to the predefined axis (X) in such a way as to vary the extension of the treatment zone.



No. of Pages : 20 No. of Claims : 10

(54) Title of the invention : STRIP, METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING PNEUMATIC TIRE

<p>(51) International classification :B29D30/60,B29D30/16,B29D30/30</p> <p>(31) Priority Document No :2010-273524</p> <p>(32) Priority Date :08/12/2010</p> <p>(33) Name of priority country:Japan</p> <p>(86) International Application No :PCT/JP2011/063938</p> <p>Filing Date :17/06/2011</p> <p>(87) International Publication No :WO 2012/077373</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant : 1)SUMITOMO RUBBER INDUSTRIES, LTD. Address of Applicant :6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN</p> <p>(72)Name of Inventor : 1)SUGIMOTO, Mutsuki</p>
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(57) Abstract :

The present invention relates to a ribbon-shaped strip used in an inner liner and a method for producing the strip. The strip is for forming the inner liner by being wound along the peripheral surface of a core body or the molding drum of a tire. The strip pastes together an inner surface layer disposed towards the inside of the tire and an outer surface layer disposed towards the outside of the tire with the ends in the widthwise direction at an offset of 0.5-30 mm in the widthwise direction. At least one layer of the inner surface layer is configured from an elastomer composition containing a styrene-isobutylene-styrene block copolymer, and at least one layer of the outer surface layer is configured from a thermoplastic elastomer composition.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1694/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : REAL-TIME MONITOR SOLID PHASE PEPTIDE SYNTHESIS BY MASS SPECTROMETRY

(51) International classification :G01N33/483,H01J49/26,G01N27/62
(31) Priority Document No :61/408,072
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/002547
Filing Date :28/10/2011
(87) International Publication No :WO 2012/056300
(61) Patent of Addition 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)NATIONAL SUN YAT-SEN UNIVERSITY
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2)SHIEA, Jentaie
3)CHO, Yi-Tzu

(57) Abstract :

Provided are systems, apparatus, materials and methods for directly monitoring products and intermediates of solid phase chemical synthesis such as solid phase peptide synthesis.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1695/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : TOPICAL COMPOSITIONS FOR PRESERVING OR RESTORING THE INTEGRITY OF MUCOSAE

(51) International classification :A61K31/685,A61K31/728,A61P1/00
(31) Priority Document No :MI2010A002218
(32) Priority Date :30/11/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/055364
Filing Date :29/11/2011
(87) International Publication No :WO 2012/073191
(61) Patent of Addition 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)DI SCHIENA, Michele, Giuseppe

(57) Abstract :

The present invention relates to topical compositions containing choline alfoscerate for use in maintaining and restoring the integrity of the mucous membranes.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1799/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR CONTROLLING MOVEMENT OF TRAVELLING CARRIERS

(51) International classification :G05D1/02,B65G1/00,B65G35/00

(31) Priority Document No :2011-020546

(32) Priority Date :02/02/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/051835

Filing Date :27/01/2012

(87) International Publication No :WO 2012/105450

(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)DAIFUKU CO., LTD.

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(72)Name of Inventor :

1)YOKOTA ,TOSHIAKI

2)MIYOSHI, KAZUHIKO

3)KAMEI,MASATSUGU

4)ISEKI,ATSUNOBU

(57) Abstract :

A method for controlling the movement of travelling carriers, said method being characterized in that: a rear travelling carrier (1Z) approaching a work segment (WA) at high speed and a front travelling carrier (1Y) moving through said work segment (WA) at a work speed (VL) are each provided with current-position information corresponding to the distance travelled from a measurement origin (P1); the rear travelling carrier (1Z) calculates the distance to the front travelling carrier (1Y) on the basis of its own current-position information and the current-position information for the front travelling carrier (1Y),received via communication means (13 and 14); and the rear travelling carrier is slowed to the work speed (VL) on the basis of the decrease over time of the aforementioned distance.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1800/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : LOAD CONTROL DEVICE

(51) International classification :H03K17/687,H03K17/00,H03K17/04
(31) Priority Document No :2010-278316
(32) Priority Date :14/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2011/003004
Filing Date :13/12/2011
(87) International Publication No :WO 2012/080807
(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)PANASONIC CORPORATION
Address of Applicant :1006,OAZA KADOMA,KADOMA-SHI,OSAKA 571-8501,JAPAN
(72)Name of Inventor :
1) KIYOSHI GOTOU
2)MASANORI HAYASHI
3)TAKASHI KISHIDA
4)KOUJI YAMATO

(57) Abstract :

A load control device includes a switching unit, which is connected to a power source and a load in series and has a switch device having a transistor structure, a control unit configured to control start-up and stop of the load, and a gate driving unit, which is electrically insulated from the control unit and outputs a gate driving signal to the gate electrode of the switch device. The control unit controls the gate driving unit to supply a higher driving power to the gate electrode of the switch device for a predetermined period of time starting at the start-up of the load than that in a steady state.

No. of Pages : 55 No. of Claims : 12

(54) Title of the invention : METHOD FOR PRODUCING A GRAIN-ORIENTED ELECTRIC STEEL

(51) International classification:C23C22/74,H01F1/147,C21D8/12

(31) Priority Document No :10 2010 054 509.0

(32) Priority Date :14/12/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/066423

Filing Date :21/09/2011

(87) International Publication No :WO 2012/079790

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

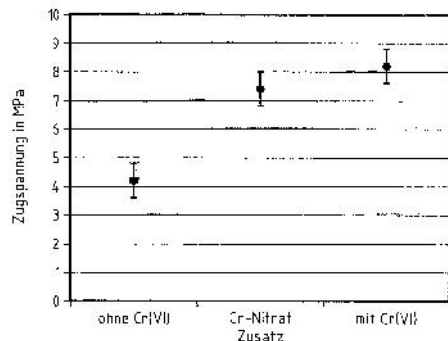
1)THYSSENKRUPP ELECTRICAL STEEL GMBHAddress of Applicant :KURT-SCHUMACHER-STR. 95,
45881 GELSENKIRCHEN, GERMANY

(72)Name of Inventor :

1)CHRISTOF HOLZAPFEL**2)STEFAN PAHLKE****3)CARSTEN SCHEPERS****4)HEINER SCHRAPERS**

(57) Abstract :

The invention relates to a method for producing a grain- orientated electric steel which is coated with a phosphate layer and in which there is applied to the electric steel a phosphate solution which contains a colloid component and at least one colloid stabiliser (A) and/or at least one pickling inhibitor (B), the phosphate solution containing at least one compound which has chromium in the oxidation stage III (chromium (III) compound). Grain-orientated electric steel produced with the method according to the invention is distinguished by excellent optical properties and a high tensile stress.



Wirkung von Chrom-Nitrat auf die auf den Grundwerkstoff übertragene Zugspannung

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : USE OF GLYCOSAMINOGLYCAN LIPOATE ESTERS IN THE TRICHOLOGY FIELD

(51) International classification :A61K8/73,A61Q5/00,A61Q5/02
(31) Priority Document No :MI2010A002296
(32) Priority Date :15/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/072572
Filing Date :13/12/2011
(87) International Publication No:WO 2012/080223
(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)SIGEA S.R.L.
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PADRICIANO 99, I-34149 TRIESTE ITALY
(72)Name of Inventor :
1)BOSCO, MARCO
2)STUCCHI, LUCA
3)FABBIAN, MATTEO
4)PICOTTI, FABRIZIO

(57) Abstract :

Disclosed is the use of glycosaminoglycan esters, whose alcohol groups are partly esterified with lipoic acid or with lipoic acid and formic acid, in hair care treatments.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MONOMERIC AND MULTIMERIC IMMUNOGENIC PEPTIDES

(51) International classification :C07K14/005,C07K14/11,C07K14/16
(31) Priority Document No :11150323.1
(32) Priority Date :06/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/DK2012/050010
Filing Date :06/01/2012
(87) International Publication No :WO 2012/092934
(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)BIONOR IMMUNO AS
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NO-3702 SKIEN NORWAY
(72)Name of Inventor :
1)LANGE, EINER TˆNNES
2)GRˆNVOLD, MAJA SOMMERFELT
3)SˆRENSEN, BIRGER
4)LAWITZ, KAROLINA

(57) Abstract :

The present invention relates to novel peptides and methods for inducing an immune response in a subject against an antigen and for treatment, diagnosis and prognosis of infections or autoimmune diseases including infections with HCV, HIV, CMV and Flu. The invention further relates to methods for identifying and providing peptides useful for the treatment and diagnosis.

No. of Pages : 94 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HYDANTOIN DERIVATIVES USEFUL AS KV3 INHIBITORS

(51) International classification :C07D405/12,C07D413/12,C07D413/14
(31) Priority Document No :1020607.6
(32) Priority Date :06/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052414
Filing Date :06/12/2011
(87) International Publication No :WO 2012/076877
(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)AUTIFONY THERAPEUTICS LIMITED
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1)ALVARO, GIUSEPPE
2)DAMBRUOSO, PAOLO
3)MARASCO, AGOSTINO
4)TOMMASI, SIMONA
5)DECOR, ANNE
6)LARGE, CHARLES

(57) Abstract :

The invention provides compounds of formula (I): Said compounds being inhibitors of Kv3 channels and of use in the prophylaxis or treatment of related disorders.

No. of Pages : 277 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : NOVEL STRAIN OF LENTINUS EDODES GNA01

(51) International classification :A01G1/04,A01H15/00,C12N1/14
(31) Priority Document No :10-2010-0128902
(32) Priority Date :16/12/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/009330
Filing Date :02/12/2011
(87) International Publication No :WO 2012/081851
(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)KIM, YOUNG CHAN
Address of Applicant :528 IRAM-RI, JINJEON-MYEON,
MASANHAPPO-GU CHANGWON-SI, GYEONGSANGNAM-
DO 631-832, REPUBLIC OF Republic of Korea
(72)Name of Inventor :
1)KIM, YOUNG CHAN

(57) Abstract :

Disclosed is a novel shiitake strain Lentinula edodes (Berk.) Pegler GNA01 (accession No: KCCM11135P) and a fruit body produced by culturing the same. The fruit body exhibits a new morphology and a new taste.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CALCIUM SULPHATE-BASED PRODUCTS AND METHODS FOR THE MANUFACTURE THEREOF

(51) International classification	:C04B28/14
(31) Priority Document No	:1019841.4
(32) Priority Date	:23/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/052298
Filing Date	:23/11/2011
(87) International Publication No	:WO 2012/069826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAINT-GOBAIN PLACO SAS
Address of Applicant :34 AVENUE FRANKLIN
ROOSEVELT, F-92150 SURESNES, FRANCE
(72)**Name of Inventor :**
1)FISHER, ROBIN DANIEL
2)RIDEOUT, JAN

(57) Abstract :

The invention provides a calcium sulphate-based product comprising a phosphate additive for increased fire resistance. Particularly preferred phosphate additives may be those containing aluminium or ammonium ions.

No. of Pages : 23 No. of Claims : 18

(54) Title of the invention : NANOPARTICLES COMPRISING AT LEAST ONE ACTIVE AGENT AND AT LEAST TWO POLYELECTROLYTES

(51) International classification :A61K9/00,A61K9/51,A61K38/00

(31) Priority Document No :10 60684

(32) Priority Date :17/12/2010

(33) Name of priority country :France

(86) International Application No :PCT/IB2011/055728

Filing Date :16/12/2011

(87) International Publication No :WO 2012/080987

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

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VENISSIEUX, FRANCE

(72)Name of Inventor :

1)BONNET-GONNET, CÉCILE

2)MEYRUEIX, RÉMI

(57) Abstract :

The present invention relates to novel nanoparticles formed by at least one active ingredient and by at least two polyelectrolytes of opposite polarity, in particular characterized in that at least one of the two polyelectrolytes bears hydrophobic side groups and at least one of the two polyelectrolytes bears side groups of the polyalkylene glycol type, said nanoparticles having an average diameter ranging from 10 to 100 nm and comprising a quantity of groups of the polyalkylene glycol type such that the mass ratio WPAG of polyalkylene glycol relative to the total polymer is greater than or equal to 0.05.

No. of Pages : 47 No. of Claims : 21

(54) Title of the invention : PROCESS FOR PREPARING NANOPARTICLES OF TWO POLYAMINO ACIDS OF OPPOSITE CHARGE, ONE OF THE TWO OF WHICH IS IN CHARGE SURPLUS

(51) International classification :A61K9/51,A61K31/00,A61K47/48
 (31) Priority Document No :10 60685
 (32) Priority Date :17/12/2010
 (33) Name of priority country :France
 (86) International Application No :PCT/IB2011/055727
 Filing Date :16/12/2011
 (87) International Publication No :WO 2012/080986
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 GEORGES LÉVY, PARC CLUB DU MOULIN VENT, F-69200
 VENISSIEUX, FRANCE
 (72)Name of Inventor :
1)DROGOZ, ALEXANDRE
2)CONSTANCIS, ALAIN

(57) Abstract :

The present invention relates to a novel method for the preparation of nanoparticles with a diameter smaller than or equal to 500 nm, comprising bringing a solution (1) comprising nanoparticles of a first polyelectrolyte in the charged state, bearing hydrophobic side groups, together with (2) at least one second polyelectrolyte of opposite polarity to that of the first polyelectrolyte, characterized in that the ratio Z of the number of cationic groups relative to the number of anionic groups in the mixture of the two polyelectrolytes is comprised between 0.1 and 0.75 or between 1.3 and 2; and the total mass concentration C of polyelectrolytes is strictly less than 2 mg/g of the mixture.

No. of Pages : 33 No. of Claims : 15

(54) Title of the invention : APPARATUS AND METHOD FOR FOLDING A WEB IN TWO

(51) International classification :A61F13/15,B65H45/22
 (31) Priority Document No :TO2010A001042
 (32) Priority Date :23/12/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2011/055013
 Filing Date :10/11/2011
 (87) International Publication No :WO 2012/085698
 (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)FAMECCANICA.DATA S.P.A.

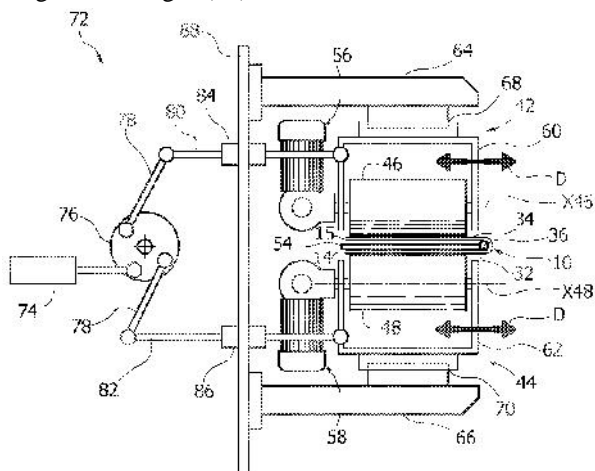
Address of Applicant :VIA ALESSANDRO VOLTA,10, I-65129,PESCARA, Italy

(72)Name of Inventor :

1)SABLONE, GABRIELE

(57) Abstract :

An apparatus for folding in two a continuous web (10) that advances in a longitudinal direction (A),comprising: a folding station (22) designed to fold said continuous web (10) along a line of longitudinal folding (B) parallel to said longitudinal direction (A); and an alignment station (24) for mutual alignment of opposite longitudinal edges (14) of said continuous web (10),wherein said alignment station (24) comprises two suction belt conveyors (42,44) having respective branches facing one another (50,52) designed to pick up by means of suction respective folded sections (34,32) of said web (10),said suction belt conveyors (42,44) being mobile in a transverse direction (D) and being associated to a control device (72) designed to move said suction belt conveyors (42,44) by the same amount and in opposite directions in said transverse direction (D) as a function of information on the position of said longitudinal edges (14).



No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1813/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SINGLE NANOPARTICLE HAVING A NANOGAP BETWEEN A CORE MATERIAL, AND A SHELL MATERIAL, AND PREPARATION METHOD THEREOF

(51) International classification :G01N33/53,G01N21/63,A61K49/06
(31) Priority Document No :1020100117527
(32) Priority Date :24/11/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/009031
Filing Date :24/11/2011
(87) International Publication No :WO 2012/070893
(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)KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
Address of Applicant :100,JANG-DONG,YUSEONG-GU, DAEJEON 305-343, REPUBLIC OF Republic of Korea
2)SNU R&DB FOUNDATION
(72)Name of Inventor :
1)SUH,YUNG DOUG
2)NAM,JWA MIN
3)LIM, DONG KWON
4)JEON, KI SEOK

(57) Abstract :

The present invention is to provide a nanoparticle, which can be used effectively for Raman analysis based on very high amplification effect of electromagnetic signal by plasmonic coupling of nanogap formation inside thereof and high reproducibility, and which includes core and surrounding shell with nanogap formation between the same and the method of synthesis thereof. The present invention is also to provide the method for detecting the analyte using the above nanoparticle and the analyte detection kit including the above nanoparticle.

No. of Pages : 59 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1846/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : HOUSINGLESS ELECTRIC MOTOR FOR A HOUSEHOLD APPLIANCE

(51) International classification	:H02K 5/15	(71)Name of Applicant :
(31) Priority Document No	:10 2010 062 822.0	1)BSH BOSCH UND SIEMENS HAUSGER,,TE GMBH
(32) Priority Date	:10/12/2010	Address of Applicant :CARL-WERY-STR. 34, 81739
(33) Name of priority country	:Germany	MÜNCHEN,GERMANY
(86) International Application No	:PCT/EP2011/072128	(72)Name of Inventor :
Filing Date	:07/12/2011	1)BINDER, ALFRED
(87) International Publication No	:WO 2012/076622	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a housingless electric motor,in particular a brushless electric motor, comprising a rotor (2), a stator (4) that has a laminated core (5), and an end shield (6) at the A-side and an end shield (7) at the B-side which are mounted on the faces of the laminated core (5) of the stator. The end shield (6) at the A- side and the end shield (7) at the B side have the same dimensions and the same shape.

No. of Pages : 26 No. of Claims : 35

(54) Title of the invention : HYDRAULIC SYSTEM FOR ENERGY REGENERATION IN A WORK MACHINE SUCH AS A WHEEL LOADER

(51) International classification	:E02F9/22	(71)Name of Applicant :
(31) Priority Document No	:61/422,338	1)EATON CORPORATION
(32) Priority Date	:13/12/2010	Address of Applicant :1000 EATON
(33) Name of priority country	:U.S.A.	BOULEVARD,CLEVELAND,OH 44122,U.S.A.
(86) International Application No	:PCT/US2011/064623	(72)Name of Inventor :
Filing Date	:13/12/2011	1)SCHROEDER, KYLE, WILLIAM;
(87) International Publication No	:WO 2012/082728	2)GEHLHOFF, WADE LEO;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydraulic system is adapted to recover potential and kinetic energy of a work attachment of a work machine. A valve arrangement may configure the hydraulic system in various modes. The hydraulic system may provide suspension and/or actuation for the work attachment. The energy of the work attachment may move a rod of a first cylinder. The rod may pressurize fluid within the first cylinder. The pressurized fluid may flow from the first cylinder through a valve and into an accumulator. The first cylinder may amplify pressure of the fluid. The pressurized fluid in the accumulator may actuate the first cylinder. The movement of the rod of the first cylinder may cause simultaneous actuation of a second cylinder. A controller may monitor pressures and positions of components of the hydraulic system and control the valve arrangement.

No. of Pages : 53 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1848/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CUTTING TOOL

(51) International classification	:B23B31/117,B23B51/02	(71)Name of Applicant :
(31) Priority Document No	:210893	1)ISCAR LTD.,
(32) Priority Date	:26/01/2011	Address of Applicant :P.O. BOX 11, 24959 TEFEN, ISRAEL
(33) Name of priority country	:Israel	(72)Name of Inventor :
(86) International Application No	:PCT/IL2011/000932	1)SHITRIT, SHIM'ON
Filing Date	:11/12/2011	2)GUY, HANOCH
(87) International Publication No	:WO 2012/101622	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting tool (10) having a cutting head (12) removably secured to a shank (14) by frictional forces maintained between a male coupling member (28) located in a female coupling member (26). Support surfaces (32) of the male coupling (28) member engage support walls (54) of the female coupling member (26). The support surfaces (32) lie on a common cylinder having a larger diameter than a common cylinder on which the support walls (54) lie. The support walls (54) are located on a circumferentially continuous bore wall of the female coupling member (26).

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1829/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR PRODUCING 2-HYDROXY-4-(METHYLTHIO)BUTANENITRILE FROM 3-(METHYLTHIO)PROPANAL AND HYDROGEN CYANIDE

(51) International classification :C07C319/20,C07C323/25
(31) Priority Document No :61/445,781
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/052367
Filing Date :13/02/2012
(87) International Publication No :WO 2012/113664
(61) Patent of Addition 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)BUSS, DIETER

2)STEURENTHALER, MARTIN

3)RINNER, MICHAEL R

4)KRETZ, STEPHAN

5)HASSELBACH, HANS JOACHIM

6)FINKELDEI, CASPAR-HEINRICH

7)KÖRFER, MARTIN

8)ZACCHI, PABLO

(57) Abstract :

A method is disclosed for the production of 2-hydroxy-4- (methylthio)butyronitrile, in which 3-methylmercapto- propionaldehyde is reacted with hydrogen cyanide in the presence of a base as catalyst in a main reaction zone to form the nitrile and residual amounts of gaseous hydrogen cyanide which leave the main reaction zone are absorbed in an absorption and post-reaction zone containing a mixture of 3-methylmercaptopropionaldehyde and catalyst and optionally 2-hydroxy-4-(methylthio)butyronitrile and are further reacted.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.418/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : AN ECO-FRIENDLY COMPOSITION OF CORROSION RESISTANCE SELF HEALING COATING ON STEEL SUBSTRATE

(51) International classification

:B29C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

Address of Applicant :RESEARCH AND DEVELOPMENT
AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR-
831001, INDIA Jharkhand India

(72)Name of Inventor :

1)AKSHYA KUMAR GUIN

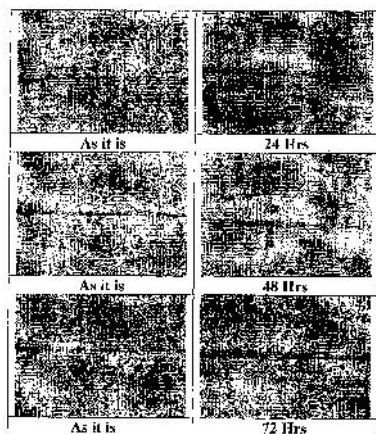
2)MANISH KUMAR BHADU

3)VEENA SINGH

4)TAPAN KUMAR ROUT

(57) Abstract :

An eco-friendly composition of corrosion resistance coating for steel substrates comprising: 10-60% by weight is sol-gel solution 0.5-2% by weight is Nano pigment 0.5-2% by weight is Flash rust inhibitor 1 to 20% by weight is active corrosion resistance pigment 0.5-5% by weight is Neutralizing agent 0.5-5% by weight is Flexibiliser 0.25-2% by weight is Defoamer and leveling agent the remaining part is De-mineralized water.



No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT THEREFOR

(51) International classification :B23B27/00,B23B27/04,B23B29/04
(31) Priority Document No :211113
(32) Priority Date :08/02/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2012/000021
Filing Date :15/01/2012
(87) International Publication No :WO 2012/107920
(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)HECHT, GIL

(57) Abstract :

A cutting insert for mounting on an insert holder of a cutting tool. The cutting insert has a rear surface with two protuberances. The insert holder has a base surface with two recesses. Three abutment regions are formed on the side surfaces of the two protuberances and the two recesses when the cutting insert is releasably retained in the insert holder with a retaining screw. Two further abutment regions are formed between the two holder recess lower surfaces and the two insert protuberance upper surfaces.

No. of Pages : 22 No. of Claims : 18

(54) Title of the invention : DEVICE AND METHOD FOR FIXATING A SUTURE ANCHOR WITH A SUTURE OR A HEADED ANCHOR IN HARD TISSUE

(51) International classification :A61B17/04,A61B17/00,A61B19/00
 (31) Priority Document No :61/437,227
 (32) Priority Date :28/01/2011
 (33) Name of priority country:U.S.A.
 (86) International Application No :PCT/CH2012/000017
 Filing Date :26/01/2012
 (87) International Publication No :WO 2012/100358
 (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)MAYER, JÖRG
2)LEHMANN Mario

(57) Abstract :

Device and method as disclosed are suitable for fixating soft tissue to hard tissue with the aid of a suture anchor (2) and a suture (4) or with the aid of a headed anchor, wherein the anchor (2) is forced into the hard tissue (forcing step) and then anchored therein (anchoring step) by in situ liquefaction of a material having thermoplastic properties. The device comprises a vibration tool (1) and the anchor (2) and possibly a support element (80), wherein the anchor (2) comprises an anchor foot (22) and a thermoplastic sleeve (23). The thermoplastic sleeve (23) comprises the material having thermoplastic properties. The anchor foot (22) has a distal end suitable for being forced into hard tissue and it is connected to the distal end of the vibration tool (1) and the thermoplastic sleeve (23) sits on a proximal face of the anchor foot (22), the vibration tool and/or a proximal portion of the anchor foot extending into or through the thermoplastic sleeve. The connection between the tool (1) and the anchor foot (22) is equipped for not only transmitting vibration from the tool to the anchor foot but also for transmitting a compressive and a tensile force. Through this measure the anchor (2) can be forced into the hard tissue by applying the compressive force and vibration to the tool (1) and can o be anchored in the hard tissue by liquefaction of the sleeve material by applying the tensile force and vibration to the tool (1), i.e. the two steps of the fixation process is carried out using the same tool and without displacing the tool between the two steps.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1842/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CONFIGURABLE BASIS-FUNCTION GENERATION FOR NONLINEAR MODELING

(51) International classification	:H03F1/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2010/055192
Filing Date	:16/11/2010
(87) International Publication No	:WO 2012/066381
(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)BAI, CHUNLONG
2)MORRIS, BRADLEY JOHN
3)LEHMAN, BRIAN

(57) Abstract :

Digital predistorter circuits with selectable basis function configurations are described. In some embodiments an input scaling block is introduced prior to a basis function generator structure. The input scaling factor is based on the input signal s average power. In other embodiments configurable connection coefficients are used to construct the orthogonal basis functions. Multiple sets of tap weights for the predistorter are maintained each set corresponding to a given basis function configuration. In an example method for pre distorting an input signal to compensate for distortion introduced by an electronic device a statistic characterizing the input signal is calculated and one of a pre determined set of basis function configurations is selected based on the statistic. A set of pre distortion model weights corresponding to the selected basis function configuration are determined after which the selected basis function configuration and the corresponding set of pre distortion model weights are applied to the input signal.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1876/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DOUBLE- ACTING REFRIGERATION COMPRESSOR

(51) International classification :F04B25/02,F04B31/00,F04B39/00
(31) Priority Document No :102011008 086.4
(32) Priority Date :07/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050150
Filing Date :05/01/2012
(87) International Publication No :WO 2012/093160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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KÖLN, GERMANY
(72)Name of Inventor :
1)SCHMIDT, WERNER

(57) Abstract :

The refrigeration compressor is a double-acting refrigeration compressor, comprising a piston (7) which is freely guided on two cylinder sections (41, 42) that are opposite each other and that cannot be moved relative to each other, and which has a flow channel (8) that extends internally through the piston (7), wherein each cylinder section (41, 42) and the piston (7) have at least one check valve (10, 11, 12) along the flow channel (8), wherein the check valves (10,11,12) are arranged in such a way that the flow directions thereof are oriented in the same direction.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.82/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :22/01/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : NITROGEN DIOXIDE GENERATION DIAGNOSTIC FOR A DIESEL AFTER TREATMENT SYSTEM

(51) International classification	:F01N11/00	(71)Name of Applicant :
(31) Priority Document No	:13/442,924	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:10/04/2012	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IGOR ANILOVICH
(87) International Publication No	: NA	2)JOHN COPPOLA
(61) Patent of Addition to Application Number	:NA	3)JANEAN E KOWALKOWSKI
Filing Date	:NA	4)JOHN F. VAN GILDER
(62) Divisional to Application Number	:NA	5)OGNYAN N. YANAKIEV
Filing Date	:NA	

(57) Abstract :

A method for assessing NO₂ generation efficiency in a diesel engine after- treatment (AT) system having a diesel oxidation catalyst (DOC) downstream of the engine generating the NO₂ and a selective catalytic reduction (SCR) catalyst downstream of the DOC converting NO_x with the aid of the NO₂. Engine exhaust gas flow is passed into the AT system and a reductant is injected into the gas flow between the DOC and the SCR catalyst. SCR inlet gas flow temperature is monitored during transient engine operation and DOC inlet and SCR catalyst outlet NO_x concentrations are detected when the SCR catalyst inlet gas flow temperature is in a predetermined range. SCR catalyst NO_x conversion efficiency is determined using the detected DOC inlet and SCR catalyst outlet concentrations of NO_x. Additionally, whether the NO₂ generation efficiency is at or above threshold efficiency is assessed by comparing the determined and threshold NO_x conversion efficiencies.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1899/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : ONCE DAILY FORMULATION OF LACOSAMIDE

(51) International classification :A61K9/16,A61K9/20,A61K31/165
(31) Priority Document No :10193561.7
(32) Priority Date :02/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/006027
Filing Date :01/12/2011
(87) International Publication No :WO 2012/072256
(61) Patent of Addition 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)CAWELLO, WILLI
2)SCHUBERT, MARTIN, ALEXANDER

(57) Abstract :

A modified release formulation of lacosamide suitable for once-daily administration.

No. of Pages : 201 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.81/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :22/01/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : AXIALLY ASYMMETRIC PERMANENT MAGNET MACHINE

(51) International classification	:H02K21/14	(71)Name of Applicant :
(31) Priority Document No	:13/448,508	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:17/04/2012	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SINISA JURKOVIC
(87) International Publication No	: NA	2)KHWAJA M. RAHMAN
(61) Patent of Addition to Application Number	:NA	3)XINYU ZHOU
Filing Date	:NA	4)XU HAN
(62) Divisional to Application Number	:NA	5)QIANG NIU
Filing Date	:NA	

(57) Abstract :

A permanent magnet machine is provided with a rotor positioned at least partially within a stator. The rotor includes first and second ring segments oriented axially around a central axis. The rotor defines first and second configurations in the first and second ring segments, respectively. The first configuration is sufficiently different from the second configuration such that torque ripple may be minimized. A first layer of slots, defining a slot outer edge, may be formed in the rotor. In one embodiment, a stator- to-slot gap varies between the first and second ring segments. In another embodiment, a stator-rotor gap varies between the first and second ring segments. In another embodiment, a bridge thickness varies between the first and second ring segments. Thus the rotor exhibits axial asymmetry.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1821/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD FOR JOINT PRODUCTION OF LOW OCTANE NUMBER GASOLINE AND HIGH OCTANE NUMBER GASOLINE

(51) International classification :C10L1/06,C10L1/08,C10G7/00
(31) Priority Document No :201010542892.X
(32) Priority Date :15/11/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/001909
Filing Date :15/11/2011
(87) International Publication No :WO 2012/065364
(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)ZHOU, XIANGJIN

(57) Abstract :

The present invention relates to a method for joint production of low octane gasoline and high octane gasoline. In the process of oil or light oil rectification, the extraction points of the distillates therein are finely divided, and the temperature ranges for extraction of fractions are narrowed down. Each of the low and high octane components having a high content in the range from C6-C12 (which may be extended to C5-C14 where necessary) is then separately extracted. After that, low octane components are combined into compression ignition low octane gasoline products, while high octane components are combined into high octane gasoline products. The remaining fractions are respectively added as supplementing agents into the low octane gasoline products or high octane gasoline products dependent on their octane ratings. Low octane gasoline is used in compression ignition gasoline engines, while high octane gasoline is used in spark ignition gasoline engines.

No. of Pages : 17 No. of Claims : 4

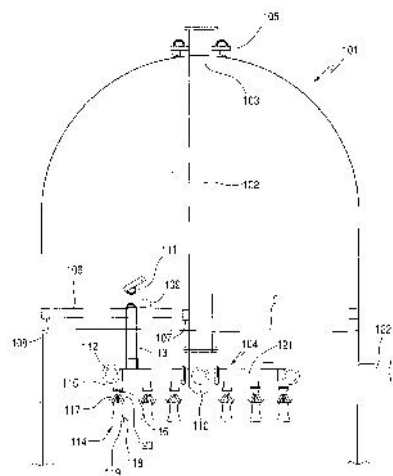
(54) Title of the invention : EDUCTOR-BASED REACTOR AND PUMP AROUND LOOPS FOR PRODUCTION OF ACETIC ACID

(51) International classification :C07C51/12,C07C53/08
 (31) Priority Document No :12/970,315
 (32) Priority Date :16/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/063713
 Filing Date :07/12/2011
 (87) International Publication No :WO 2012/082485
 (61) Patent of Addition 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)RAYMOND ZINOBILE
2)MICHAEL LAKIN
3)ASHOK RAKHE
4)RONALD DAVID SHAVER

(57) Abstract :

Eductor mixers are used to mix the reaction medium in a carbonylation reactor. A portion of the reaction solution withdrawn from the reactor and directed through a pump around loop. The pump around loop is fed back to the reactor through the eductor mixers. In addition, a pump around loop may pass through one or more steam generators and/or heat exchangers.



No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1824/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS FOR CLEANING AND LABEL REMOVAL FOR BOTTLES

(51) International classification :C11D1/44,C11D1/72,C11D1/825

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/067312
Filing Date :11/11/2010

(87) International Publication No :WO 2012/062372

(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)CAUSSIN DE SCHNECK, CLAUDIA

2)GROSSMANN, SANDRO

3)HACKENBERGER, TANJA

(57) Abstract :

The present invention relates to a method for washing and/or label removal of glass, ceramic or plastic ware with a liquid cleaning composition at a process temperature below 80° C, wherein the liquid cleaning composition comprises active components in an amount of about 0.001wt.-% to about 10 wt.-% and an alkaline source in an amount of about 0.5 wt.-% to about 3.5 wt.-%, wherein the active components comprising: a) at least one sequestering agent selected from the group of a phosphonic acid, phosphonate based sequestering agent, and/or a polymer of monomers of monoethylenically unsaturated C3-C8- carboxylic acids or salts thereof; b) at least one C4 to C18 hydroxymonocarboxylic acid or salt thereof.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1818/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : GLARASER

(51) International classification :C03C4/00,C03C3/00
(31) Priority Document No :12/972,338
(32) Priority Date :17/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063165
Filing Date :02/12/2011
(87) International Publication No :WO 2012/082412
(61) Patent of Addition 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)TATAPUDY, PALLAVI

(57) Abstract :

The current invention is a new glass windshield with a transition-lens type composition layer between the glass substrates for use in vehicles (airplanes, ships, boats, sailboats, steamers, yachts, jets and cars) or residential and commercial buildings to protect against sun glare and provide an overall cooling effect on the passengers or inhabitants. Rather than permanently tinting the glass of windshields and windows, the current invention works only when needed. It activates in the presence of sunlight. By not darkening unnecessarily, it avoids the consistent darkening of the interior of a vehicle (airplanes, ships, boats, sailboats, steamers, yachts, jets and cars) viewing panel of an accessory such as a motorcycle or skydiving helmet, or residential and commercial buildings, as is the problem with tinted glass. The new glass windshield can be used as is or as a detachable or attachable unit.

No. of Pages : 9 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1819/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : WHIP ANTENNA FOR MOBILE COMMUNICATION DEVICES

(51) International classification :H04B1/40,H01Q9/14,H01Q1/10	(71) Name of Applicant :
(31) Priority Document No :61/424,607	1)TELEGENT SYSTEMS, INC.
(32) Priority Date :17/12/2010	Address of Applicant :470 POTRERO AVE., SUNNYVALE, CA 94085, U.S.A.
(33) Name of priority country :U.S.A.	(72) Name of Inventor :
(86) International Application No :PCT/US2011/065645	1)LYNN, LAPOE
Filing Date :16/12/2011	2)TONG, HONGBIN
(87) International Publication No:WO 2012/083252	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Embodiments of the present invention provide a solution for integrating a headset antenna and whip antenna together as a combined antenna for a mobile TV application. In certain embodiments the invention can be applied to portable devices for both analog TV, FM radio, and digital TV applications and can be applied more generally to any wireless system which spans a broad frequency range, where the antenna gain of two antennas together can exceed the performance of either alone. In a preferred embodiment, the present invention provides a connector module that is configured to connect to both a whip antenna and a headset antenna while providing necessary electrical and signal isolation. The isolation can be accomplished by using a plurality of filters. There are other embodiments as well.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1893/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : COMMUNICATION TERMINAL AND ALERT INFORMATION ACQUISITION METHOD

(51) International classification :H04W88/06,G08B27/00,H04M1/00
(31) Priority Document No :2011-178294
(32) Priority Date :17/08/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2012/070628
Filing Date :13/08/2012
(87) International Publication No :WO 2013/024841
(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)SHIKAMA, HIROKI
2)SASAKI, MAKOTO
3)HIGUCHI, TAKESHI

(57) Abstract :

A communication terminal includes: a first receiving unit configured to receive a communication signal in a first communication system; a second receiving unit configured to receive a communication signal in a second communication system; a position information obtaining unit configured to obtain position information of a user; a mode determination unit configured to activate the second receiving unit if the position information obtaining unit obtains position information of the user in a case where the first receiving unit cannot receive a communication signal; and a user interface unit configured to provide the user with warning information extracted from the communication signal received by the second receiving unit.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : COOKING GAS COLLECTION FROM MARSH BY A SIMPLE PROCESS.

(51) International classification

:C10L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DUTTA ANANDA KUMAR

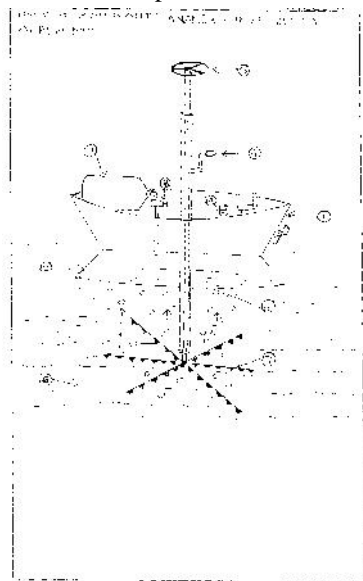
Address of Applicant :BANAMALIPUR (W), BARASAT,
KOLKATA-124, NORTH 24 PARGANAS, West Bengal India

(72)Name of Inventor :

1)DUTTA ANANDA KUMAR

(57) Abstract :

We get alternative energy from marsh land, drainage system, industrial unproductive liquid material and other sources. I invent a simple moving machine to collect and deliver this alternative energy as cooking gas. Poor people can use this low cost cooking gas. At the same time using low cost this moving machine, some people get some benefit to earn money. The cooking gas collect rubber bag. We can re-use empty rubber bag by refilling gases to supply neighbouring area. In India and other countries this process can apply because our natural sources of energy such as coal, natural gas, mineral oils etc. are so consumed in large scale resulting exhaust these within a short period.



No. of Pages : 6 No. of Claims : 6

(54) Title of the invention : DEVICE FOR APPLYING Laterally Retracting Doors, Particularly for Pieces of Furniture

(51) International classification	:E05D15/58
(31) Priority Document No	:BL2010A000020
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/071512
Filing Date	:01/12/2011
(87) International Publication No	:WO 2012/072738
(61) Patent of Addition 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)BORTOLUZZI ,GUIDO

2)GIROTTI, ADRIANO

(57) Abstract :

A device to be applied at least between a side wall of the internal space of a piece of furniture and an adjacent door thereof, in order to render it laterally retracting during the opening of the internal space. A pivoting upright (10) is interposed along the side of the door (A) that is to be rendered laterally retracting of a piece of furniture (M), the upright (10) being rendered able to slide in depth in the retraction compartment (B), along the outer surface of the shoulder of the useful internal space (V) of the piece of furniture (M), and being provided with longitudinal guides (20-25) which are integral with the shoulder, for the vertical sliding of one of the two ends (61) of a pair of rockers (60), each rocker (60) being rendered able to oscillate on a respective pivot (64), which is integrally pivoted to the same shoulder of the compartment (B), and is formed by a pair of arms (61- 62) which converge and are mutually integral, the arm (62) of the arms (61- 62) that is not slidingly engaged with the vertical upright (10) being instead connected to the corresponding arm (62) of the other rocker (60) by means of a load distribution bar (66), which is adapted to uniform and discharge the weight of the door (A) onto its upright (10), with respect to the changing moment of imbalance in each step of sliding and holding, within the retraction compartment (B).

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1878/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PROCESS AND CATALYST FOR SELECTIVE REMOVAL OF ACETYLENES FROM GASEOUS STREAMS

(51) International classification :C07C7/148,B01J23/78,C07C11/167
(31) Priority Document No :61/459,978
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066434
Filing Date :21/12/2011
(87) International Publication No :WO 2012/088245
(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)DUFF, JOSEPH, G.
2)MCFARLAND, CECIL, G.

(57) Abstract :

The present discloses a process and catalyst therefor to selectively remove acetylenes from gaseous streams in the vapor phase. The process is particularly suitable for high yield recovery of olefinic hydrocarbons from gaseous streams in refinery processes.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1879/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PURIFICATION OF ACETIC ACID PRODUCT STREAMS

(51) International classification :C08J5/20,B01J39/04,C07C51/47
(31) Priority Document No :61/428,464
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067564
Filing Date :28/12/2011
(87) International Publication No :WO 2012/092360
(61) Patent of Addition 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)SHAVER, RONALD, D,
2)BLANCHARD, GREG
3)HOKKANEN, BRIAN, W.
4)TORRENCE, G., PAULL

(57) Abstract :

In one embodiment, the invention is to an ion exchange resin composition comprising a metal-functionalized exchange resin comprising from 3 % to 94 % metal-functionalized active sites; and a non-metal-functionalized exchange resin comprising non-metal-functionalized active sites.

No. of Pages : 23 No. of Claims : 41

(54) Title of the invention : GEAR BOX AND SADDLE-TYPE VEHICLE INCLUDING THE SAME

(51) International classification :B60K5/00
 (31) Priority Document No :2012-089954
 (32) Priority Date :11/04/2012
 (33) Name of priority country :Japan
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

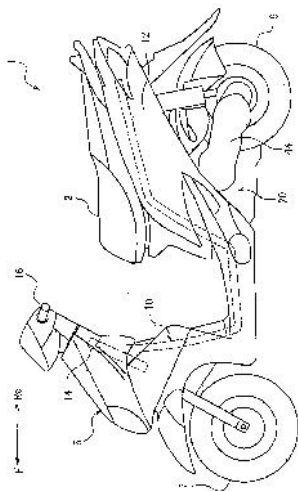
Address of Applicant :2500, SHINGAI, IWATA-SHI,
SHIZUOKA 4388501, JAPAN

(72)Name of Inventor :

1)SATOSHI KAWAKAMI

(57) Abstract :

A gear box 30 includes a mission case 80 in which a gear chamber 88 for storing oil 105, and a breather chamber 90 separated from the gear chamber 88 by a partition 92 and located above the gear chamber 88 are formed. The partition 92 has a breather chamber entrance 94 formed therein for communicating the gear chamber 88 and the breather chamber 90 to each other. The partition 92 of the mission case 80 has a first rib 110 and a second rib 115 formed thereon. The first rib 110 is located forward to the breather chamber entrance 94 and at least partially located above a secondary gear 92. The second rib 115 is located rearward to the breather chamber entrance 94 and at least partially located above a first main gear 75.



No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1869/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : BIASED ENDOLUMINAL DEVICE

(51) International classification	:A61F2/06
(31) Priority Document No	:61/425,882
(32) Priority Date	:22/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/065989
Filing Date	:20/12/2011
(87) International Publication No	:WO 2012/088017
(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)W. L. GORE & ASSOCIATES,INC.
Address of Applicant :555 PAPER MILL ROAD,
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(72)**Name of Inventor :**
1)BUCKLEY, KYLE, R.
2)PERKO, VINCENT

(57) Abstract :

An endoluminal device can comprise a flexible tubular wall and a frame member. The frame member can be comprised of a shape memory material having sides with protrusions which are partially or substantially flattened when formed together with the flexible tubular wall to thereby create a bias in the side wall of the endoluminal device that resists deformation from a desired device profile during crush loading and is thereby resistant to invaginations when deployed.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1871/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR GENERATING TRAVEL PACKAGES INCLUDING SEPARATELY PURCHASED TRAVEL ITEMS

(51) International classification :G06Q50/00
(31) Priority Document No :12/957,334
(32) Priority Date :30/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062265
Filing Date :28/11/2011
(87) International Publication No :WO 2012/074939
(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)EXPEDIA, INC.

Address of Applicant :333-108TH AVENUE NE,
BELLEVUE, WA 98004 U.S.A.

(72)Name of Inventor :

1)WALLACE, GLENN, WILLIAM

2)PERKS, BARBARA

3)HAMM, MICHAEL, EDWARD

4)WILLIAMS, JADA, MICHELLE

5)LONG, WILLIAM, GEORGE

6)ZUMSTEG, DEREK, JOHN

7)TUCK- LEE, MICHAEL, STEPHEN

8)HA, LAM, CHI

(57) Abstract :

A user of a personal computing device may identify multiple travel items of interest displayed for purchase by a network-based travel service. However, the user may not desire to purchase the travel items in a single purchase. Upon making a travel purchase that includes a first travel item that does not include a second travel item corresponding to the first travel item, the user may employ the network travel package service to search for second travel items corresponding to the first travel item select from discounted travel packages including the first travel item and second travel items returned from the search, and purchase a discounted travel package. Beneficially, multiple travel items may be purchased separately while obtaining a package discount as compared to the stand- alone price of the travel items.

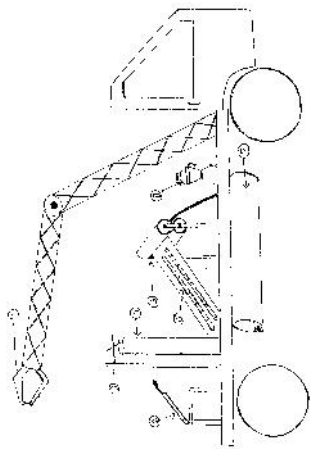
No. of Pages : 54 No. of Claims : 20

(54) Title of the invention : PAPER & HARD BOARD MADE OF BANANA PLANT & A SIMPLE PROCESS TO MAKE PULP FROM BANANA PLANT.

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DUTTA ATASHI
(32) Priority Date	:NA	Address of Applicant :BANAMALIPUR (W), BARASAT,
(33) Name of priority country	:NA	KOLKATA-124, NORTH 24 PARGANAS, West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DUTTA ATASHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a simple process we can produce hard board, paper, egg tray, packing paper, board, soft container etc. using the banana tree (full grown unused after cutting the banana). The board is strong, durable, fine & water proof. Banana plants are not used after cutting the fruit. But we can make fine Hard board, paper using those plants. Because - (1) Banana plants and its leaves have 20-30% good quality fibre. (2) After plucking banana we usually throw away the plant. (3) It is easily abandon available everywhere in India. (4) Its fibre (20-30%) can be used with conventional raw materials like wood, bamboo, cotton. (5) It would be much cheaper than conventional boards. (6) It can be exported. To save & use environmental balance & wealth I make this process. I also invent a moving machine to make pulp. This machine should be can more on the village path.



No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND A SYSTEM FOR ENHANCING A CONTRAST OF AN IMAGE IN A FLUOROSCOPY IMAGING SYSTEM

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SULAGNA GHOSH
(87) International Publication No	: NA	2)SIRAJ ISSANI
(61) Patent of Addition to Application Number	:NA	3)VISHNU SWAMINATHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of enhancing a contrast of an image in a fluoroscopy imaging system (10) and a fluoroscopy imaging system (10), wherein the method comprise varying an energy of an X-ray beam (35) to be incident onto a subject (40) over a period of time, acquiring a plurality of images (45) of the subject (40) corresponding to different energies of the X-ray beam (35), and fusing at least a region of one or more of said plurality of images (45) to obtain a fused image (75) of the subject (40).

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1865/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : DEVICE FOR RETRIEVING A BODY FROM A TUBULAR STRUCTURE

(51) International classification :A61B17/50,A61B17/22
(31) Priority Document No :PCT/RU2010/000711
(32) Priority Date :30/11/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/AU2011/001561
Filing Date :30/11/2011
(87) International Publication No :WO 2012/071620 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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Address of Applicant :SUITE 10, 2 ST ANDREWS STREET,
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(72)Name of Inventor :
1)SOUTORINE, MIKHAIL
2)CHERNOV- HARA EV, ARTEM NIKOLAEVICH
3)PROKOSH KIN, SERGEI DMITRIEVICH
4)RYKLINA, ELENA PROKOPIEVNA
5)KHMELEVSKAYA, IRINA YURIEVNA
6)KOROTITSKIY, ANDREY VICTOROVICH

(57) Abstract :

Some embodiments relate to a device for retrieving a body from within a tubular structure the device having a proximal end and a distal end and comprising: a device body at the proximal end; a conduit extending away from the device body, to the distal end and sized to be receivable in the tubular structure; at least one actuator operably associated with the device body; a first strand extending at least in part through the conduit; a second strand extending at least in part through the conduit; wherein the first and second strands are affixed at the distal end of the device and wherein the second strand is wound around the first strand along at least a distal length of the first strand; wherein the at least one actuator is operable to cause the second strand to adopt an expanded state in which the second strand defines a trawl volume to catch the body for retrieval of the body from the tubular structure.

No. of Pages : 36 No. of Claims : 36

(54) Title of the invention : HIGH PRESSURE HYDROCARBON FRACTURING ON DEMAND METHOD AND RELATED PROCESS

(51) International classification :E21B43/26,E21B43/30
 (31) Priority Document No :61/426,123
 (32) Priority Date :22/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2011/001383
 Filing Date :16/12/2011
 (87) International Publication No :WO 2012/083429
 (61) Patent of Addition 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 :2900,801-7TH AVENUE S.W.,
 CALGARY,ALBERTA T2P 3P7 Canada
 (72)**Name of Inventor :**
1)PETTIGREW ,DANA

(57) Abstract :

A method or process of Hydraulic Fracturing a geological underground hydrocarbon deposit on demand comprising the steps of: using as a source of water an underground aquifer which contains water which is stable and clear in the aquifer but which may include undesirable chemical compounds as soluble components that are not in solution when subjected to reduced pressures at surface conditions such as hydrogen sulfide and other constituents utilizing the water from the aquifer as a source of water to be used in a hydrocarbon fracturing process and to pump the water under pressure at a predetermined level for the aquifer water and above the bubble point pressure for the water contained in a particular aquifer to prevent undesirable constituents (chemical compounds) of said water from separating out of solution maintaining said water pressure at a minimum required for each aquifer at all times during the fracturing process drilling a source well into the aquifer drilling a disposal well to the aquifer providing a pump capable of maintaining the required pressure needed to prevent the constituents of the aquifer water from coming out of solution only by maintaining the minimum pressure establishing a closed loop with a manifold or a manifold and pumps to keep the aquifer water circulating at all times until the fracturing operation begins when water will be supplied from that manifold providing the fracturing operation with water from the manifold or a manifold and pumps so as to fracture a hydrocarbon reserve wherein in using water from an aquifer in the fracturing process and by maintaining said water under pressure at a minimum at all times said water remains stable and the undesirable constituents remain in solution and the water remains clear thereby avoiding the necessity of treating the water from the aquifer prior to using it in a fracturing processes.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1858/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS, DOSAGE FORMS AND NEW FORMS OF THE COMPOUND OF FORMULA (I), AND METHODS OF USE THEREOF

(51) International classification :C07D409/12,A61K31/517,A61P7/02
(31) Priority Document No :61/419,567
(32) Priority Date :03/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/071821
Filing Date :05/12/2011
(87) International Publication No :WO 2012/072824
(61) Patent of Addition 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)BIERI, NICOLE
3)BECKER, DIETER
4)TAILLEMITE, JULIEN
5)FILLIOT, MARIE-PIERRE
6)MEISTER, TANJA

(57) Abstract :

The present invention relates to a novel crystalline anhydrous form of [(5 chlorothiophene-2-ylsulfonylcarbamoyl)-(4-(6- fluoro-7-(methylamino)-2,4-dioxo-1,2- dihydroquinazolin-3(4H)-yl)phenyl)amide, potassium salt,and its use in the treatment or prevention of a condition or a disorder with platelet ADP receptor inhibition, in particular, P2Y12 inhibition, in animals,particularly humans. It also relates processes for making such a novel crystalline form. The present invention also relates to a solid, oral formulation of this novel crystalline form,its preparation and use thereof.

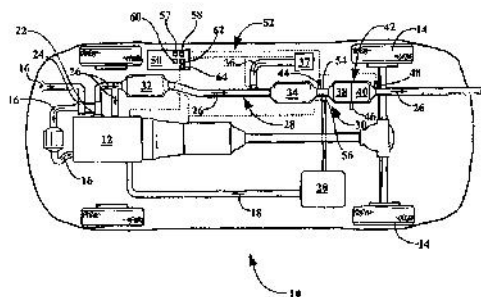
No. of Pages : 105 No. of Claims : 38

(54) Title of the invention : NON-METHANE HYDROCARBON CONVERSION EFFICIENCY DIAGNOSTIC FOR A DIESEL AFTER-TREATMENT SYSTEM

(51) International classification	:F01N11/00	(71)Name of Applicant :
(31) Priority Document No	:13/442926	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:10/04/2012	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IGOR ANILOVICH
(87) International Publication No	: NA	2)JANEAN E KOWALKOWSKI
(61) Patent of Addition to Application Number	:NA	3)CHERYL J STARK
Filing Date	:NA	4)JOHN F. VAN GILDER
(62) Divisional to Application Number	:NA	5)OGNYNAN N. YANAKIEV
Filing Date	:NA	

(57) Abstract :

A method of assessing non-methane hydrocarbon (NMHC) conversion efficiency in a diesel after-treatment (AT) system having a diesel oxidation catalyst (DOC) arranged upstream of a diesel particulate filter (DPF) includes regenerating the AT system. Additionally, the method monitors DOC inlet and outlet temperatures during the regeneration. The method also assesses whether the DOC is operating at or above threshold efficiency by determining a DOC inlet/outlet temperature difference and comparing the determined inlet/outlet temperature difference with a threshold inlet/outlet temperature difference. The method also monitors DPF outlet temperature if the DOC is operating at or above the threshold efficiency and determines a DOC temperature/DPF outlet temperature difference. The method additionally assesses whether NMHC conversion efficiency of the DPF is at or above a threshold value by comparing the determined DOC temperature/DPF outlet temperature difference with a threshold DOC temperature/DPF outlet temperature difference. A system and a vehicle are also disclosed.



No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1809/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : MULTIPURPOSE GEL FOR VAGINAL DRYNESS WITH DIRECT AND DELAYED EFFECT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:A61K35/20,A61P15/02 :MI2010A002260 :09/12/2010 :Italy :PCT/EP2011/071612 :02/12/2011 :WO 2012/076409 :NA :NA :NA :NA	(71)Name of Applicant : 1)ZAMBON S.P.A. Address of Applicant :VIA LILLO DEL DUCA,10, I-20091 BRESCO (MI) ITALY (72)Name of Inventor : 1)BARTORELLI ,ALBERTO 2)GOBBI, MARIA ROSA
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(57) Abstract :

The present invention relates to topical vaginal compositions in gel form containing immune mediators,growth factors,chemotactic factors and antibacterial/antiviral factors extracted from bovine colostrum,and optionally other ingredients with complementary activity.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.325/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : RETAINING SHAFT FOR RETAINING METAL SCRAP

(51) International classification	:B23D15/00
(31) Priority Document No	:102012205809.5
(32) Priority Date	:10/04/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS VAI METALS TECHNOLOGIES GMBH
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AUSTRIA
(72)**Name of Inventor :**
1)MICHAEL SCHMID

(57) Abstract :

A retaining shaft (3) for retaining metal scrap (2) for an arc furnace (1) has a shaft construction (6) which extends in the direction of a vertical axis (7) from an upper to a lower end (8, 9) and which, when viewed around the vertical axis (7), encloses a shaft volume (10). The retaining shaft (3) additionally has retaining fingers (11) which can be introduced into the shaft volume (10) in an insertion direction (x) by means of a drive device (12) disposed in the region of the lower end (9) of the shaft construction (6) and can be retracted out of the shaft volume (10) against the insertion direction (x). In the region of its lower end (9) the shaft construction (6) has cutouts (14) through which the retaining fingers (11) can be introduced into the shaft volume (10) and retracted out of the shaft volume (10). Deflecting elements (15) are arranged on the shaft construction (6) in the region of the cutouts (14). The deflecting elements (15) bear against the shaft construction (6). When viewed in a cross-sectional plane extending orthogonally to the insertion direction (x), they enclose the retaining fingers (11).

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1839/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : REFILL BAG

(51) International classification	:B65D75/56,B65D75/58	(71)Name of Applicant :
(31) Priority Document No	:12/954,202	1)METHOD PRODUCTS, INC.
(32) Priority Date	:24/11/2010	Address of Applicant :637 COMMERCIAL STREET, SUITE
(33) Name of priority country	:U.S.A.	300, SAN FRANCISCO, CA 94111 U.S.A.
(86) International Application No	:PCT/US2011/061805	(72)Name of Inventor :
Filing Date	:22/11/2011	1)BECKER, RUDIGER
(87) International Publication No	:WO 2012/071391	2)HANDY, FRANCIS, J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flexible bag (10) for containing a product comprises a dispensing portion (300), a panel forming a first compartment (230) for containing the product and forming a second compartment (232) that is separate from the first compartment, and an elongated grip (100) disposed at least in part in the second compartment (232). A user may grasp the grip (100) to transport the bag (10) or to pour a product from the first compartment (230). The grip (100) may also prevent the bag from collapsing, allowing the bag to be efficiently stored on a surface and providing a surface on the flexible bag to prominently display information regarding the product. The dispensing portion (300) may be a metered cap.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : METHOD AND DEVICE FOR FLOATING A SUTURE ANCHOR WITH A SUTURE IN HARD TISSUE

(51) International classification :A61B17/04
(31) Priority Document No :61/437,227
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CH2012/000018
Filing Date :26/01/2012
(87) International Publication No :WO 2012/100359
(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)SPORTWELDING GMBH
Address of Applicant :WAGISTRASSE 6, CH-8952
SCHLIEREN SWITZERLAND
(72)Name of Inventor :
1)MAYER, JÖRG
2)MOCK, ELMAR
3)MÜLLER, ANDREA
4)LEHMANN, MARIO
5)GOEBEL-MEHL, STEPHANIE

(57) Abstract :

A suture anchor (2) retaining a suture (4) is fixated in hard tissue, in particular in bone tissue, using any per se known method and is then secured using a securing element (3) comprising a material having thermoplastic properties, which is liquefied in situ and made to penetrate the hard tissue in which the suture anchor is fixated. The securing element is e.g. a thermoplastic plug (31) or thermoplastic sleeve which is anchored above the suture anchor (2) in a mouth area of the same hard tissue opening (5). Alternatively the securing element is a thermoplastic pin which is introduced into an inner cavity of the suture anchor, wherein the material having thermoplastic properties is liquefied in this cavity and, in a liquid state is pressed through passages connecting the cavity with outer surfaces of the anchor.

No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1909/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : VITRECTOMY PROBE WITH ADJUSTABLE CUTTER PORT SIZE

(51) International classification :A61B17/32

(31) Priority Document No :12/974,722

(32) Priority Date :21/12/2010

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

(86) International Application No :PCT/US2011/062797

Filing Date :01/12/2011

(87) International Publication No :WO 2012/087529

(61) Patent of Addition 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 :6201 SOUTH FREEWAY, FORT WORTH, TX 76134 U.S.A.

(72)Name of Inventor :

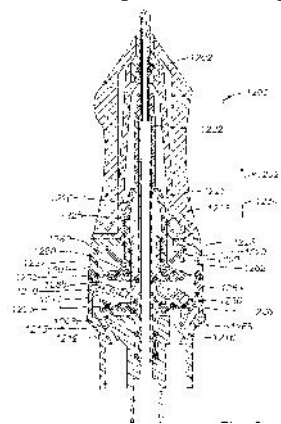
1)UNDERWOOD, JOHN R.

2)AULD, JACK

3)HUCULAK, JOHN

(57) Abstract :

Vitrectomy probes and system related thereto are disclosed herein. The disclosure describes various example vitrectomy probes having an adjustable cutting port size. Various example features are described for adjusting the size of the cutting port. Further, the disclosure provides examples for adjusting the size of the cutter port while the vitrectomy probe is in operation.



No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : STAR- AND TREE-SHAPED BRANCHED POLYMERS HAVING FLAME-RETARDANT PROPERTIES

(51) International classification :C08G63/692,C08G69/42,C08G79/04
(31) Priority Document No :MI2010A002305
(32) Priority Date :15/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/072706
Filing Date :14/12/2011
(87) International Publication No :WO 2012/080304
(61) Patent of Addition 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)YUAN, CUIMING
3)ORTENZI, MARCO
4)FARINA, HERMES
5)LUGATO, TOMMASO
6)BASILISSI, LUCA

(57) Abstract :

Disclosed are polymers with a complex branched structure (star-or tree-shaped) obtainable by polymerizing a bifunctional type AB monomer and/or type AA+BB monomers in the presence of: a) one or more polyamine and/or a polyacid and/or a polyalcohol and/or more generally a compound (such as POSS) having at least three functional groups such as amino, carboxylic acid or hydroxyl functions; b) one or more phosphorus containing molecules reacting with only one reactive group during the polymerization; c) optionally one or more organic acid and/or an amine and/or an alcohol having one or two functional groups.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : EXTRUSION DEVICE IN PARTICULAR FOR PLASTIC MATERIALS

(51) International classification :B29C47/04,B29C47/24,B29C47/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2010/000499
Filing Date :13/12/2010
(87) International Publication No :WO 2012/081042
(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)MACCAGNAN, Giorgio

(57) Abstract :

An extrusion device, in particular for plastic materials comprising: an extrusion head (2) having a nozzle (2a) for ejection of at least one plastic material (M1, M2); a first duct (5) formed in said head (2) for feeding a first plastic material (M1) to said ejection nozzle (2a); a second duct (6) formed in said head (2) for feeding a second plastic material (M2) to said ejection nozzle (2a); and a selection element (8), disposed in the vicinity of said ejection nozzle (2a) and able to be switched between a first operating condition at which it closes the second duct (6) to enable feeding of the first plastic material (M1) through the first duct (5), and a second operating condition at which it closes the first duct (5) to enable feeding of the second plastic material (M2) through the second duct (6).

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1849/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : CARNOSINE- HYALURONIC ACID MIXTURES AND THEIR USE

(51) International classification :A61K31/198,A61K31/4172,A61K31/728
(31) Priority Document No :BS2010A000197
(32) Priority Date :06/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/002946
Filing Date :06/12/2011
(87) International Publication No :WO 2012/076961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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SAL' (BS), ITALY
(72)Name of Inventor :
1)DE PAOLI AMBROSI, GIANFRANCO

(57) Abstract :

A novel compound is disclosed said compound comprising hyaluronic acid, optionally cross linked, or an oligomer optionally cross linked, dimer or monomer thereof, which is salified or at least partially salified with carnosine, wherein the carnosine is in the form of an L- or D- enantlomer or a racemate; a process for producing this compound, its cosmetic and therapeutic use as well as pharmaceutical and cosmetic compositions containing the same are also disclosed.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1850/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : NOZZLE TUBE CHANGER HAVING A DUMMY PLATE FOR A CASTING DEVICE FOR PRODUCING METALLURGIC PRODUCTS

(51) International classification :B22D41/24,B22D41/56,C21C5/46
(31) Priority Document No :00044/11
(32) Priority Date :11/01/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/000046
Filing Date :06/01/2012
(87) International Publication No :WO 2012/095282
(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)STOPINC AKTIENGESELLSCHAFT
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HÜNENBERG, SWITZERLAND
(72)Name of Inventor :
1)HELLER, JOSEF
2)COUSIN, JEAN-DANIEL

(57) Abstract :

The pouring spout changer according to the invention is characterised in that it is provided with a dummy plate (14) for closing the casting channel of the casting device in an emergency. The dummy plate (14) can be brought into the closed position by the same actuation member (11) by means of which a worn pouring spout (21) is replaced by a new pouring spout (22) during normal operation. The changing device can also be used as a casting nozzle changer, preferably with a nozzle gripper for removing the worn casting nozzles.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1853/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/10/2013

(54) Title of the invention : SOLID CATALYST COMPONENT, CATALYST COMPRISING SAID SOLID COMPONENT, AND PROCESS FOR THE (CO)POLYMERIZATION OF ALPHA-OLEFINS

(51) International classification :C08F10/02,C08F4/655,C08F4/659
(31) Priority Document No :MI10A00240I
(32) Priority Date :27/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/073429
Filing Date :20/12/2011
(87) International Publication No :WO 2012/089562
(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)SOMMAZZI, ANNA
2)MASI, FRANCESCO
3)PAMPALONI, GUIDO
4)RINNILI, FILIPPO
5)MARCHETTI, FABIO
6)RASPOLLI GALLETTI, ANNA MARIA

(57) Abstract :

: A solid catalyst component for the (co) polymerization of -olefins having general formula (I): $Zr_nMAl_xCl_mGp(I)$ wherein : M represents titanium (Ti), vanadium (V), or mixtures thereof; n is a number ranging from 0.01 to 2; x is a number ranging from 0.1 to 4; y is a number ranging from 5 to 53; p is a number ranging from 0 to 15; obtained by means of a process comprising pulling at least one zirconium arene in contact with at least one metal compound and, optionally, with at least one compound of magnesium. Said solid catalyst component can be advantageously used as a solid component in a catalyst for the (co) polymerization of -olefins. Said catalyst can be advantageously used in a process for the (co) polymerization of -olefins.

No. of Pages : 97 No. of Claims : 26

Publication Under Section 43(2) in Respect of the Grant

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	186740	3519/DEL/1997	08/12/1997		A PROCESS FOR THE PREPARATION OF HERBAL CREAM FORMULATION USEFUL AS A THERAUPIC AND COSMETIC APPLICATION	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	12/09/2008	DELHI
2	257520	861/DEL/2002	23/08/2002	29/08/2001	CATALYTIC CRACKING PROCESS OF PETROLEUM HYDROCARBONS.	CHINA PETROLEUM & CHEMICAL CORPORATION, RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	03/08/2007	DELHI
3	257522	5164/DELNP/2007	22/12/2005	22/12/2004	A METHOD FOR GENERATING RANDOM HOPPING PATTERNS	QUALCOMM INCORPORATED	17/08/2007	DELHI
4	257523	1767/DELNP/2006	10/11/2004	12/11/2003	4-PIPERIDINYLO-2-PYRROLIDINONE COMPOUND OF FORMULA (I)	GLAXO GROUP LIMITED	31/08/2007	DELHI
5	257524	419/DELNP/2006	25/06/2004	25/06/2003	METHOD AND APPARATUS FOR CONTINUOUS LARGE-SCALE RADIOLABELING OF PROTEINS	PEREGRINE PHARMACEUTICALS, INC.	24/08/2007	DELHI
6	257525	2469/DELNP/2007	14/12/2005	16/12/2004	A PIPE JOINT LUBRICATION DEVICE	WEATHERFORD RIG SYSTEMS AS	04/05/2007	DELHI
7	257526	9196/DELNP/2007	30/04/2006	30/04/2005	INTERLEUDIN-6 POLYETHYLENE GLYCOL CONJUGATE AND ITS PREPARING METHOD AND USE	CHENGDU INSTITUTE OF BIOLOGICAL PRODUCTS CO., LTD.	27/06/2008	DELHI
8	257527	119/DEL/2005	18/01/2005	06/02/2004	HALOALKYL CARBOXAMIDES	BAYER CROPS SCIENCE AG	02/10/2009	DELHI
9	257528	2602/DELNP/2007	14/11/2005	12/11/2004	STABLE FORMULATIONS OF PEPTIDES	NOVO NORDISK A/S	03/08/2007	DELHI
10	257529	1507/DELNP/2008	01/09/2006	02/09/2005	PROCESS FOR PREPARING BENZAZEPINE COMPOUNDS OR SALTS THEREOF	OTSUKA PHARMACEUTICAL CO., LTD.	08/08/2008	DELHI
11	257531	4074/DELNP/2007	30/05/2007	05/06/2006	A BEAM FOR A SUSPENDED CEILING	WORTHINGTON ARMSTRONG VENTURE	14/12/2007	DELHI

12	257533	1620/DELNP/2006	02/12/2003	02/12/2002	PRINTING WEB CLEANER	BENNETT, LESLIE	17/08/2007	DELHI
13	257534	1962/DEL/2006	31/08/2006		AN IMPROVED FIELD TENSIO METER FOR IRRIGATION WATER MANAGEMENT OF CROPS	PUNJAB AGRICULTURAL UNIVERSITY	04/04/2008	DELHI
14	257535	369/DEL/2007	22/02/2007 14:28:47	01/03/2006	SYSTEM FOR DETERMINING RF PATH LOSS BETWEEN AN RF SOURCE AND AN RF RECEIVER WITH HYSTERESIS AND RELATED METHOD	RESEARCH IN MOTION LIMITED	06/04/2007	DELHI
15	257536	4360/DELNP/2006	03/02/2005	09/02/2004	METHOD AND SYSTEM FOR TRANSMITTING A MULTIMEDIA MESSAGE TO MULTIPLE RECIPIENTS	NOKIA CORPORATION	10/08/2007	DELHI
16	257537	2136/DELNP/2007	31/10/2005	01/06/2005	SYSTEM AND METHOD FOR DETERMINING A SECURITY ENCODING TO BE APPLIED TO OUTGOING MESSAGES	RESEARCH IN MOTION LIMITED	03/08/2007	DELHI
17	257538	2849/DELNP/2006	14/12/2004	17/12/2003	METHOD AND APPARATUS FOR PROCESSING VIDEO PICTURES AND DISPLAYING THEM ON A PULSE-WIDTH MODULATION DRIVEN DISPLAY DEVICE	THOMSON LICENSING	03/08/2007	DELHI
18	257539	3992/DELNP/2006	07/12/2004	12/01/2004	METHOD AND APPARATUS FOR SHARING USER INFORMATION IN A GROUP COMMUNICATION NETWORK	QUALCOMM INCORPORATED	24/08/2007	DELHI
19	257549	401/DEL/2006	13/02/2006		POLYMER EXFOLIATED PHYLLOSILICATE NANOCOMPOSITE COMPOSITIONS AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	12/02/2010	DELHI
20	257555	2673/DELNP/2008	14/09/2006	16/09/2005	constructs and methods for the expression of recombinant proteins in the thylakoid lumen of transplastomic plant cells	BAYER CROPS SCIENCE S.A	25/07/2008	DELHI
21	257556	7686/DELNP/2006	27/05/2005	28/05/2004	SWALLOW FORMULATION	IMAGINOT PTY. LTD.	17/08/2007	DELHI
22	257560	742/DEL/2005	31/03/2005		A DEVICE USEFUL FOR CONTINUOUS MOULDING	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/07/2009	DELHI

23	257562	7332/DELNP/2006	31/05/2005	31/05/2004	A PHARMACEUTICAL COMPOSITION COMPRISING M3 ANTAGONIST AND CORTICOSTEROID FOR USE IN THE RESPIRATORY DISORDERS	ALMIRALL, S.A.	13/07/2007	DELHI
24	257567	1929/DELNP/2007	06/12/2005	08/12/2004	FRAME AND METHOD OF COMPRISING ONE OR MORE ELASTIC MODULES FOR CABLE ENTRIES, PIPE PENETRATIONS OR THE LIKE	ROXTEC AB	17/08/2007	DELHI
25	257568	4602/DELNP/2005	19/03/2004	10/04/2003	A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF DEPRESSION	AKHAPKINA VALENTINA IVANOVNA	02/10/2009	DELHI
26	257569	2269/DEL/2006	17/10/2006	10/11/2005	APPARATUS AND METHOD FOR PROVIDING NOTIFICATION OF ALLOCATION OF COMMUNICATION RESOURCES IN A RADIO COMMUNICATION SYSTEM	RESEARCH IN MOTION LIMITED	28/09/2007	DELHI
27	257570	737/DELNP/2007	12/09/2005	24/09/2004	A POWDERED LITHIUM TRANSITION METAL OXIDE AND METHOD FOR PREPARING THE SAME	LG CHEM, LTD.	03/08/2007	DELHI
28	257571	3224/DELNP/2006	10/12/2004	19/12/2003	AN ALCOHOL OR CARBONYL COMPOUND RELEASING SILOXANE'	GENERAL ELECTRIC COMPANY	24/08/2007	DELHI
29	257572	4574/DELNP/2007	21/12/2005	21/12/2004	STABILIZED POLYMERIC THIOL REAGENT	NEKTAR THERAPEUTICS.,	31/08/2007	DELHI
30	257573	5438/DELNP/2007	21/12/2005	22/12/2004	METHOD FOR PREPARING POLYOLEFINIC BASES OF SYNTHETIC OILS	INSTITUT PROBLEM KHIMICHESKOI FIZIKI ROSSIYSKOI AKADEMII NAUK (IPKHF RAN)	17/08/2007	DELHI
31	257574	7064/DELNP/2006	20/06/2005	21/06/2004	CURING AGENTS FOR EPOXY RESINS.	HUNTSMAN ADVANCED MATERIALS(SWITZERLAND) GMBH,	31/08/2007	DELHI
32	257575	747/DELNP/2007	06/07/2005	30/07/2004	TRPV1 AGONISTS, FORMULATIONS CONTAINING THEM AND USES THEREOF	INDENA S.P.A.	04/05/2007	DELHI
33	257576	2776/DELNP/2008	18/12/2003	20/12/2002	A MULTIPLE CHAMBER CONTAINER HOUSING A TWO PART PERITONEAL DIALYSIS SOLUTION	BAXTER INTERNATIONAL INC.,,BAXTER HEALTHCARE S.A.	25/07/2008	DELHI
34	257581	1159/DELNP/2007	22/08/2005	23/08/2004	A BIO-FUEL CELL	SONY CORPORATION	27/04/2007	DELHI

35	257584	508/DELNP/2006	03/09/2004	07/09/2003	METHOD OF VIDEO PROCESSING FOR MACROBLOCK FIELD/FRAME CODING TYPE INFORMATION AND DECODER THEREOF	MICROSOFT CORPORATION	10/08/2007	DELHI
36	257585	1695/DELNP/2005	15/11/2002	15/11/2002	A DEVICE ,EMBODIED IN DIRECTORY SERVER, FOR STORING PERSONAL PROFILES	TELECOM ITALIA S.P.A	02/03/2007	DELHI
37	257586	1997/DELNP/2003	11/06/2002	11/06/2001	A FINE-GRAIN SCALABLE VIDEO DATA APPARATUS AND A METHOD THEREOF	THOMSON LICENSING S.A.	16/12/2005	DELHI
38	257588	2976/DELNP/2005	22/01/2004	22/01/2003	A method of reacting in the presence of diluent	VAST POWER SYSTEMS, INC.	03/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

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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	257530	1343/MUM/2007	13/07/2007		PROCESS FOR PRODUCTION OF 1,2,2,2 - TETRAFLUOROETHYL DIFLUOROMETHYL ETHER (DESFLURANE)	PIRAMAL ENTERPRISES LIMITED	27/03/2009	MUMBAI
2	257532	1441/MUMNP/2009	13/02/2008	13/02/2007	DIET PRODUCT COMPRISING ALGINATE	S-BIOTEK AF 15. MARTS 2006 1 ApS	14/05/2010	MUMBAI
3	257543	1084/MUM/2008	22/05/2008	11/06/2007	DEVELOPER SUPPLYING APPARATUS AND DEVELOPING APPARATUS HAVING THE SAME	SAMSUNG ELECTRONICS CO., LTD.	04/07/2008	MUMBAI
4	257545	1310/MUMNP/2009	04/01/2008	09/01/2007	METHOD FOR THE SYNTHESIS OF SUCROSE-6-ESTERS	TATE & LYLE TECHNOLOGY LIMITED	05/03/2010	MUMBAI
5	257550	650/MUMNP/2007	23/12/2004	05/10/2004	METHOD OF MAINTAINING CACHED INFORMATION AT AN END USER TERMINAL OF A TELECOMMUNICATION SYSTEM AND THE END USER TERMINAL THEREOF	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	12/10/2007	MUMBAI
6	257552	64/MUM/2006	16/01/2006		NOVEL CONCENTRATED AQUEOUS SURFACTANT COMPOSITIONS AND THEIR PREPARATION	GALAXY SURFACTANTS LTD	17/08/2007	MUMBAI
7	257553	602/MUMNP/2009	25/09/2007	26/09/2006	PROCESS FOR PRODUCING PROPYLENE•	MITSUBISHI CHEMICAL CORPORATION	22/05/2009	MUMBAI
8	257554	390/MUMNP/2008	24/11/2005	09/08/2005	THE CAMERA PAN HEAD HAVING TWO CLAMPS LOCKED CONNECTOR	YANG, YONGJIAN	14/03/2008	MUMBAI
9	257558	2226/MUMNP/2007	16/06/2006	16/06/2005	A METHOD AND APPARATUS OF NOTIFYING AN ACCESS TERMINAL	QUALCOMM INCORPORATED	01/02/2008	MUMBAI
10	257559	1112/MUM/2006	13/07/2006	13/07/2005	CONSOLIDATION OF NON-WOVEN TEXTILE FIBRES	GRASIM INDUSTRIES LIMITED	18/07/2008	MUMBAI
11	257561	1765/MUM/2007	14/09/2007		A NON CORROSIVE AIR PREHEATER	THERMAX LIMITED	16/11/2007	MUMBAI
12	257577	511/MUM/2006	03/04/2006	05/04/2005	DISPOSABLE SELF - DESTRUCTIVE SYRINGE	WUXI YUSHOU MEDICAL APPLIANCE LTD.	11/01/2008	MUMBAI

13	257578	1643/MUMNP/2006	08/10/2004	29/06/2004	A METHOD AND ARRANGEMENT FOR CONTROLLING A MULTIMEDIA COMMUNICATION SESSION	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	18/05/2007	MUMBAI
14	257582	1598/MUMNP/2006	14/06/2005	15/06/2004	DRIVE DEVICE	PANASONIC CORPORATION	08/06/2007	MUMBAI
15	257583	782/MUM/2005	01/07/2005		AMIDOBETAINES FOR ORAL CARE APPLICATIONS	GALAXY SURFACTANTS LTD.	08/06/2007	MUMBAI
16	257592	2224/MUM/2010	05/08/2010		A FORMULATION TO REDUCE INFLAMMATION OF BONES AND JOINT FRICTION	ZOTA HEALTH CARE LTD	01/10/2010	MUMBAI

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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	257521	4253/CHENP/2008	13/02/2007	17/02/2006	A COMPOSITION BASED ON OXIDES OF ZIRCONIUM, OF CERIUM, OF YTTRIUM, OF LANTHANUM AND OF ANOTHER RARE EARTH, METHOD FOR PREPARING THE SAME AND A CATALYTIC SYSTEM COMPRISING THE SAME	RHODIA OPERATIONS	13/03/2009	CHENNAI
2	257540	2028/CHENP/2008	18/10/2006	27/10/2005	PROCESS FOR THE CUTTING OF THERMOPLASTIC POLYMERS DOWNSTREAM OF A WATER-RING DIE	POLIMERI EUROPA S.P.A	27/02/2009	CHENNAI
3	257541	1644/CHENP/2007	07/12/2000	07/12/2000	A METHOD AND A DEVICE FOR COMPENSATING FOR FREQUENCY DRIFT WITHIN A SLEEP CLOCK SIGNAL	QUALCOMM INCORPORATED	12/06/2009	CHENNAI
4	257542	4816/CHENP/2006	20/06/2005	30/06/2004	STABILIZATION OF POLYETHER POLYOL, POLYESTER POLYOL OR POLYURETHANE COMPOSITIONS	CIBA HOLDING INC.	05/10/2007	CHENNAI
5	257544	1766/CHENP/2008	10/10/2006	12/10/2005	VEHICLE STEERING APPARATUS	TOYOTA JIDOSHA KABUSHIKI KAISHA	26/12/2008	CHENNAI
6	257546	2877/CHENP/2006	03/02/2005	06/02/2004	A METHOD OF DECENTRALIZED MEDIUM ACCESS CONTROL IN A WIRELESS PERSONAL AREA NETWORK AND A WIRELESS DEVICE THEREFOR	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	CHENNAI
7	257547	1549/CHE/2006	28/08/2006		SYSTEM FOR AUDIO EXTERNALIZATION IN STEREOPHONIC HEADPHONES FOR PRODUCING NATURAL SOUND EFFECTS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/06/2008	CHENNAI

8	257548	208/CHENP/2008	14/06/2006	14/06/2005	A METHOD FOR IMPROVING PRODUCTION FROM A RESERVOIR	CHEVRON U.S.A. INC.,PRAD RESEARCH AND DEVELOPMENT LIMITED	19/09/2008	CHENNAI
9	257551	428/CHE/2006	10/03/2006		METHOD AND SYSTEM FOR MANAGEMENT OF SILENT MODE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/12/2007	CHENNAI
10	257557	4059/CHENP/2008	01/02/2007	02/02/2006	BENZOXAZINES AND RELATED NITROGEN-CONTAINING HETEROBICYCLIC COMPOUNDS AS MINERALOCORTICOID RECEPTOR MODULATING AGENTS	mitsubishi tanabe pharma corporation	13/03/2009	CHENNAI
11	257563	1249/CHENP/2007	24/08/2005	26/08/2004	DEPILATORY COMPOSITION IN EMULSION FORM, PROCESS FOR PREPARATION AND USE	RECKITT BENCKISER (UK) LIMITED	31/08/2007	CHENNAI
12	257564	1285/CHE/2007	21/06/2007	22/06/2006	ELECTRONIC EQUIPMENT AND METHOD OF MANUFACTURING THE ELECTRONIC EQUIPMENT	OMRON AUTOMOTIVE ELECTRONICS CO., LTD.	17/04/2009	CHENNAI
13	257565	3689/CHENP/2006	06/04/2005	19/04/2004	FLUID EJECTION DEVICE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	10/08/2007	CHENNAI
14	257579	1518/CHE/2006	24/08/2006		METHOD FOR SUB-FRAME ID AND FRAME BOUNDARY DETECTION IN LONG TERM EVOLUTION (LTE) SYSTEMS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	19/09/2008	CHENNAI
15	257580	117/CHE/2007	19/01/2007		METHOD FOR EDITING LIVE AUDIO AND VIDEO	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
16	257589	2346/CHE/2007	16/10/2007 16:26:00		A FLEXIBLE INPUT PANEL FOR MFP	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	11/09/2009	CHENNAI
17	257590	3711/CHENP/2006	07/04/2005	07/04/2004	EVENT PROCESSING SYSTEM IN A COMMUNICATION NETWORK	FRANCE TELECOM	15/06/2007	CHENNAI
18	257591	925/CHE/2006	30/05/2006		METHOD AND SYSTEM OF USER-INTERESTS DRIVEN LAUNCHING PAD OF MOBILE APPLICATIONS	Samsung India Software Operations Private Limited	07/12/2007	CHENNAI

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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	257566	2681/KOLNP/2005	25/06/2004	27/06/2003	A MOLD ASSEMBLY AND A METHOD FOR GENERATING A COMPOSITE PART	POLYVALOR, LIMITED PARTNERSHIP	30/03/2007	KOLKATA
2	257587	2526/KOLNP/2006	14/03/2005	17/03/2004	GLASS STRANDS CAPABLE OF REINFORCING ORGANIC AND/OR INORGANIC MATERIALS	SAINT-GOBAIN VETROTEX FRANCE S.A.	01/06/2007	KOLKATA

CONTINUED TO PART- 2