पेटेंट कार्यालय शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

5TH JUNE, 2015

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THE PATENT OFFICE

KOLKATA, 05/06/2015

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3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: <u>delhi-patent@nic.in</u> ★ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		Rest of India
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www.patentoffice.nic.in

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पेटेंट कार्यालय

कोलकाता, दिनांक 05/06/2015

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	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
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	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
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www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

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.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Rajiv Aggarwal) 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.1085/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : 90-95% METHANE PRODUCTION FROM KITCHEN WASTE BY ANAEROBIC DIGESTION PROCESS

 (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 	:C05F17/00, C05F17/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)KHWAJA MOHD RAFI Address of Applicant :H.NO.339, STREET NO.12, GAFFAR MANZIL, JAMIA NAGAR, DELHI-110025. Delhi India (72)Name of Inventor : 1)KHWAJA MOHD RAFI 2)NEENA GODARA 3)MAJID JAMIL
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(57) Abstract :

The anaerobic digestion process is usually applied for producing the Biogas out of kitchen waste. The efficiency of production of Methane gas (CH,) is 50-55% maximum for all practical models. We have developed a model where the efficiency of Methane production is gone upto 90-95%. This has become possible because the C02 which is usually 30-35% in all kind of anaerobic digestion reacts with Lime water. The reaction is shown below: Ca(OH)2(aq) + C02(g) \rightarrow CaC03 (s) + H20(1) The purified Biomethane gas obtained mixed with Hydrogen gives better intensity with high calorific value. This is extremely clear gas. To get the Biomethane gas mixed with Hydrogen, an additional chamber is added, which produces the hydrogen gas. The chemical reaction to produce the hydrogen gas is as below: $2HC1+Zn \rightarrow ZnCl2 + H2$ The uniqueness of mixing hydrogen gas is the work done under the research. Though the knowledge was available and hydrogen gas too but could not be exploited for such purposes. One basic reason might be due to high cost of the hydrogen gas. The process and chemical reaction proposed in the model is cheap and easy. Zinc is available at a very low cost in the market and HCI is also readily available at low cost. Both the items can be mixed out of which hydrogen gas will be produced.

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

(19) INDIA

(22) Date of filing of Application :16/03/2014

(54) Title of the invention : WATER TANK WITH CLIMATE CONTROL ARRANGEMENTS.

(51) International classification	:F28D15/00, F24H1/18	(71)Name of Applicant : 1)MR. BHARAT BHUSHAN
(31) Priority Document No	:NA	Address of Applicant :NEAR GAS AGENCY, OPPOSITE,
(32) Priority Date	:NA	LIONS CLUB SECTOR-2, OLD G.T. ROAD, PALWAL-121102,
(33) Name of priority country	:NA	Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. BHARAT BHUSAN
(87) 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 :

Water tank with climate control arrangements allow adjusting the water temperature closer to human comfort without conventional energy. Water stored in overhead tanks made of Plastics, steel or RCC is exposed to atmospheric conditions. Prolonged sun-light & hot weather makes water hot during summers while reduced exposure to sunlight & cold weather during winters makes water cold which is opposite to Users requirement. Our system uses various arrangements to achieve the same. Reflective plates positioned over tank at prefixed locations based on the Stereographic Diagram to reduce / increase sunlight exposure. Prefixed locations are marked to assist user position the plates. Change in orientation of plates is manual or by electro-mechanical means. Further to increase conductivity on side which will face the sunlight during.winter thinner sheet/metal is used along with arrangement of fixing glass cover to create air, pocket. Regulation of opening for venting of vapour & night time convective cooling is kept. To priortise fresh supply in outlet over stored contents, fixed & floating partitions are used. System positions tanks w.r.t. Other tanks in case of multi-tank installation at same place.

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRANSMISSION OF STATUS INFORMATION AND PROFILE INFORMATION TO MOBILE DEVICE

(71)Name of Applicant :
1)Comviva Technologies Limited
Address of Applicant : A-26, Info City, Sector 34, Gurgaon-
122001, Haryana, India
(72)Name of Inventor :
1)JAIN, Manish Kumar
2)GOYAL, Gaurav

(57) Abstract :

The invention relates to transmission of status information and profile information to mobile device. In one embodiment, a method (100, 200) for transmission of status and profile information comprises: receiving (101, 201) a request for status information set by user of a called mobile device and profile information set by a user of a calling mobile device from a mobile switching centre (MSC); retrieving a status information, profile information and either of a call allowance information or an authorised contact list associated with the status information, the status information indicating a time period of validity of the status information; generating (103) a push message including either the retrieved status information or a modified status information as locally derived based on the time period; and transmitting (104, 204) the push message to a push message gateway communicatively coupled to the calling mobile device and to the called mobile device.

No. of Pages : 70 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN AUTOMATED NAVIGATION SYSTEM AND METHOD FOR ITEM RETRIEVAL AND DEPOSITION

(51) Intermetional classification	·D66C10/00	(71) Nome of Applicant
(31) International classification	.DOOC19/00	
(31) Priority Document No	:NA	1) The Hi-Tech Robotic Systemz Ltd.
(32) Priority Date	:NA	Address of Applicant :A-18, Sector -33/34, Infocity I,
(33) Name of priority country	:NA	Gurgaon - 122001, Haryana, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Anuj Kapuria
(87) International Publication No	: NA	2)Shailesh Sule
(61) Patent of Addition to Application Number	:NA	3)Jayant Bansal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the preferred embodiment of the present invention, an automated navigation system and method for item retrieval and deposition. The system comprises a plurality of robotic vehicles deployed in a closed environment to transport items from one depository location to another depository location; a central server to control the navigation of said robotic vehicles through a wireless communication; wherein said robotic vehicle comprises a first set of drive wheels to dynamically navigate on floor and a second set of drive wheels to navigate in depositories with mechanically guided paths.

No. of Pages : 25 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :25/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : DRIVE MEMBER SELECTION

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:F16H63/18,F16H63/30,F16D41/18 :1217100.5 :25/09/2012	 (71)Name of Applicant : 1)QINETIQ LIMITED Address of Applicant :Cody Technology Park Ively Road Farnborough Hampshire GU14 0LX U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
No Filing Date	:PCT/GB2013/000406 :25/09/2013	1)THOMPSON Robert William
(87) International Publication No	:WO 2014/049317	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A drive member selection mechanism is described comprising at least one drive member and at least two selector members wherein the drive member comprises a first and second face and further comprises on each face at least one projection and the selector members comprise on at least one face thereof at least one complementary projection arranged to selectively engage with a projection of a drive member the arrangement being such that the projection(s) of a selector member and the projection(s) of the first face of a drive member may be drivingly engaged in a first torque connection and the projection(s) of a selector member and the projection(s) of the first face of a drive member may be drivingly engaged in a second torque connection wherein the second torque connection is opposed to the first torque connection.

No. of Pages : 37 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURING A RING BACK TONE

 (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 	:H04W4/16, H04W88/18 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Comviva Technologies Limited Address of Applicant :A-26, Info City, Sector 34, Gurgaon- 122001, Haryana, India (72)Name of Inventor : 1)BHARGAVA, Mukesh 2)JAIN, Manish Kumar
(61) Faterit of Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

The present invention relates to a system and methods for providing Ring Back Tones corresponding to a selected relationship. The method comprises: analysing call history of a subscriber to derive a set of frequently contacted numbers, presenting to the subscriber or the first participant atleast one possible relationship between the subscriber and the first participant, presenting to the subscriber or the first participant a plurality of Ring Back Tones corresponding to the selected relationship and provisioning the selected RBT for calls involving the subscriber and the first participant.

No. of Pages : 31 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :06/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR KEYWORD BASED TESTING OF CUSTOM COMPONENTS

(51) International classification	:H04L12/24,	(71)Name of Applicant :
(51) International classification	H04L29/08,	1)HCL Technologies Limited
(31) Priority Document No	:NA	Address of Applicant :B-39, Sector 1, Noida - 201 301, Uttar
(32) Priority Date	:NA	Pradesh, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SINGH, Daljeet
Filing Date	:NA	2)DEY, Sourav
(87) 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 system(s) and method(s) for testing a custom component associated with a software application. Initially a set of custom components and a set of metadata associated with the set of components are received from a third party developer in an XML file. The metadata comprises a plurality of attributes categorized into a plurality of categories. Further, the set of custom components and the set of metadata are stored in an object repository. In the next step, a custom component from the software application is selected for testing over a test grid. Further, metadata associated with the custom component is identified from the object repository. Further, an attribute of each category from the metadata corresponding to the custom component is selected for testing the custom component wherein the event set comprises the attribute selected for testing the custom component.

No. of Pages : 24 No. of Claims : 15

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : TEST SUITE MINIMIZATION			
(51) International classification(31) Priority Document No	:G06F11/36 :NA	(71)Name of Applicant : 1)HCL Technologies Ltd	
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar	
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor :	
Filing Date	:NA	1)CHACKO, Simy	
(87) International Publication No (61) Patent of Addition to Application Number	: NA •NA	2)KANAKADANDI, Satya Sai Prakash 3)DHANYAMRA III S IIM Prasad	
Filing Date	:NA	S)DIRATINIARIO, S C IVI I I usau	
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

Disclosed is a method and system for classifying test cases. In one implementation, the method comprises creating a test step master list comprising a plurality of test case, one more test step associated with the plurality of test case, and a test step identification number associated with the one more test step. Further, the method comprises generating a sequence diagram for each of the plurality of test cases based on the test step master list. Furthermore, the method comprises classifying, by the processor, each of the plurality of test cases in to an independent test case or an asynchronous test case or a synchronous test case based on the sequence diagram.

No. of Pages : 23 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :24/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : CAR JACK WITH DETACHABLE OR INTEGRATED UNIVERSAL JOINT MECHANISM

(31) Priority Document No:NA1)AMRIT LA(32) Priority Date:NAAddress of(33) Name of priority country:NAVatika India Ne(86) International Application No:NA(72)Name of IrFiling Date:NA1)AMRIT LA(87) International Publication No:NA1)AMRIT LA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAElling Data:NA	AL AL Applicant :Flat No. 401, Tower E1, Gurgaon 21. ext Sector 83, Gurgaon, Haryana 122004, India nventor : AL
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(57) Abstract :

This invention relates to automotive jacks used for lifting vehicles and more particularly to a light weight, compact jack which is inexpensive to manufacture, easy to operate. The present disclosure relates to a universal joint mechanism applied to a car jack that makes its operation very easy and user friendly.

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

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREFERENTIAL ROUTING IN PARALLEL TRANSACTION BASED MOBILE POINT-OF-SALE SYSTEM

 (71)Name of Applicant : 1)Comviva Technologies Limited Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
122001, Haryana, India
(72)Name of Inventor :
1)BHALLA, Gurpreet Singh
2)MYLAPALLI, Deepak V S
3)KOMPALLY, Santosh

(57) Abstract :

The invention provides method and system for implementing preferential routing in a mobile point of sale system. The method includes establishing a session by a host device with a plurality of card reader units. The host device simultaneously establishes a plurality of sessions, wherein the host device receives from each of the plurality of card reader units a processing request through corresponding session. The processing request comprises a first identifier data and a second identifier data. The host device assigns a priority value to each of the processing request based on the second identifier and transmits each of the processing request based on the priority value thus assigned.

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AUTOMATIC PARKING SYSTEM			
(51) International classification :E04He	6/18 (71)Name of Applicant :		
(31) Priority Document No :NA	1)RAJ SATYAM		
(32) Priority Date :NA	Address of Applicant :M-98 CANNAUGHT PLACE		
(33) Name of priority country :NA	WESTERN INDIA BUILDING, OPP HALDIRAM, NEW		
(86) International Application No :NA	DELHI India		
Filing Date :NA	(72)Name of Inventor :		
(87) International Publication No : NA	1)RAJ SATYAM		
(61) Patent of Addition to Application Number :NA			
Filing Date :NA			
(62) Divisional to Application Number :NA			
Filing Date :NA			

(57) Abstract :

This invention deals how the car will be Automatically parked in an empty space and will come back by itself whenever the owner wants it to. It consist a trolley with Resistance box and different structures helpful in different location. It also consist of direction deflection of trolley without sensors according to the requirement of that place ie. Automatic track changing of trolley. Automatic start of trolly from rest whenever switch will be pressed in control room. Anti collision technique due to positioned switch. Automatic shift of curved metal according to requirement. It also consists of position specifying technique with the help of resistance box. The can location will be displayed in control room by digital ammeter.

No. of Pages : 24 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :17/04/2015

(54) Title of the invention : DIFFRACTIVE-REFRACTIVE LENS			
(51) International classification	:A61F2/1618	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)ROOP Prakhyat	
(32) Priority Date	:NA	Address of Applicant :c/o Dr.Roop, 348, Govind Lok, E.K.	
(33) Name of priority country	:NA	Road, Meerut- 250001, Uttar Pradesh, India	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)ROOP Prakhyat	
(87) 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 intraocular lens (100) is provided. The intraocular lens (100) includes an anterior surface (102) and a posterior surface (104). The posterior surface (104) defines a plurality of circular bands (114). Each circular band (114) is offset from its adjacent circular band (114) along a longitudinal axis (106) of the intraocular lens (100), wherein a surface (120) extends along the longitudinal axis (106) between peripheries of adjacent circular bands (114). Reference figure: FIG. 1C



No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF MAKING CO-EXTRUDED TAPE AND FABRIC AND BAG MADE THEREOF

(51) International classification	:C09J7/02, C09J153/00,	(71)Name of Applicant : 1)CHATURVEDI, ASHOK
(31) Priority Document No	:NA	Address of Applicant :305, III FLOOR, BHANOT CORNER,
(32) Priority Date	:NA	PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHATURVEDI, ASHOK
Filing Date	:NA	
(87) 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 co-extruded multi-layered tape for woven substrates and woven bags is provided. he multi-layered tape includes a middle polymeric layer coextruded with at least one external layer configured on each side of the middle polymeric layer. The external layers are coextruded with a low temperature sealable material, such that the external layers on each side of the middle polymeric layer have same sealing properties.

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

(21) Application No.2628/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 05/06/2015

(51) International classification	:F22B1/30,H05B3/03,H05B3/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KIM No Eul
(32) Priority Date	:NA	Address of Applicant :Bansong 2-Dong 216-50 Haeundae gu
(33) Name of priority country	:NA	Busan Republic of Korea
(86) International Application No.	:PCT/IB2012/003083	(72)Name of Inventor :
Filing Date	:05/12/2012	1)ILIN, Andrey, Pavlovich
(87) International Publication No	:WO 2014/087190	
(61) Patent of Addition to	٠N Δ	
Application Number	·NA	
Filing Date	.11A	
(62) Divisional to Application	·NA	
Number		
Filing Date	.INA	

(54) Title of the invention : ELECTRODE BOILER WITH ELECTRODES UNIT

(57) Abstract :

The invention relates to heat engineering power engineering and the field of electric heating of liquids water for instance; it can be used in circulation water heating systems and hot water supply and as a universal device for diverse electric heaters. An object of the invention are to enhance the ease of fabrication fabricability and operability for block electrodes and electrode heating boilers on the whole to increase the reliability of device both in static and dynamic modes ones. The invention meets an object of extended performance capabilities versatility and flexibility of the device potential diversification and enhancement of adaptability in solving particular problems. Moreover the invention allows improvement of convection in water heating boilers and reduction of uniformity of sludge and rust deposition on electrodes thus increasing the heater effective performance time. The invention object comprises an improvement of protection against breakdowns between the electrodes as well phase current load imbalance reduction to extend i the range of constructional capacity control without design and dimensional changes. Fig.2 provides a schematic of electrodes (1) arrangement on the basis (3) located on the inner case (2) side with electrodes (1) slightly deviating from the longitudinal symmetric axis of the case (2) and irregularly spaced on the basis electrode longitudinal axes deviating from each other at small angles. (4) outer electrode terminals (1).

No. of Pages : 35 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 05/06/2015

(51) International classification	:H01L23/473,H05K7/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KIM No Eul
(32) Priority Date	:NA	Address of Applicant :216 50 Bansong 2 Dong Haeundae gu
(33) Name of priority country	:NA	Busan Republic of Korea
(86) International Application No	:PCT/IB2013/001292	(72)Name of Inventor :
Filing Date	:24/04/2013	1)ILIN, Andrey, Pavlovich
(87) International Publication No	:WO 2014/174336	
(61) Patent of Addition to Application	·NΔ	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POWER THYRISTOR UNIT COOLING SYSTEM

(57) Abstract :

The invention relates to heat technology equipment and semiconductor devices for electric control and adjustment power engineering and the heating by using electricity for the heating of a liquid for example water steam generation direct transformation of electric power into heat. Naturally the invention is meant for liquid cooling of power electric semiconductor devices of control and adjustment in particular for the cooling of semiconducting thyristors. Another task is to simplify the requirements to the assembling accuracy of the entire unit and the cooling system by following the recommended type of the housing design as well as the type of thyristors arrangement against each other and the device housing. The invention enables convection conditions for circulating liquid for the recommended thyristors arrangement. Fig. 17 is a diagram of the embodiment 2 wherein the power thyristors or triacs (1) are set non symmetrically and non uniformly on the body (2) or on an interim plate (3). The body cavity (6) of the device in general case could have such a shape that the contours of longitudinal (4) and lateral (7) sections would make random smooth closed curves. There at the outer contour in its longitudinal (5) and lateral (8) sections could be a shape of a random closed contour.

No. of Pages : 33 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING CODE COVERAGE

(51) International classification :G06	F9/44 (71)Name of Applicant :
(31) Priority Document No :NA	1)HCL Technologies Ltd
(32) Priority Date :NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country :NA	Pradesh, India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)YADAVA, Sanjay Kumar
(87) International Publication No : NA	2)SELWYN, Johnson
(61) Patent of Addition to Application Number :NA	3)DHANYAMRAJU, S U M Prasad
Filing Date :NA	4)JAIN, Ambica
(62) Divisional to Application Number :NA	5)SIVANESAN, Arivukarasu
Filing Date :NA	

(57) Abstract :

Disclosed is a method and system for providing code coverage of a code. The system may determine a type of file comprising the code. The system may extract a source code from the code, based on the type of file. The system may process the source code for generating a structured source code. The system may determine code coverage of the structured source code by executing test cases upon the structured source code. The system may provide a code coverage report comprising line coverages, program coverages, and code block coverages of the structured source code.

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

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROVISIONING OF PLURALITY OF SERVICES

(51) International classification :H04M3/ H04M1/	 (71)Name of Applicant : 1)Comviva Technologies Limited
(31) Priority Document No :NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
(32) Priority Date :NA	122001, Haryana, India
(33) Name of priority country :NA	(72)Name of Inventor :
(86) International Application No :NA	1)NAIR, Rakesh Sasidharan
Filing Date :NA	
(87) 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 idea discloses a method for simultaneously provisioning multiple services as offered by a service provider thereby improving provisioning experience for the customers. On receiving a message comprising offer for multiple services, the customer may send a request comprising details of a plurality of services that (e.g., service 1, service 3 and service 5). Subsequently, a proxy account number on the basis of contents of the request is generated, the proxy account number is mapped to an actual account number of the customer and the proxy account number is transmitted to the customer. Thereafter, a message is received against the proxy account number and at least one configuring message for configuring a plurality of services is generated and transmitted.

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

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF MANAGING USER SUBSCRIPTION ACCOUNTS AND SYSTEM THEREOF

(51) International classification	:G06F21/24,	(71)Name of Applicant :
(31) Priority Document No	H04L29/08	1)Comviva Technologies Limited Address of Applicant : A-26 Info City Sector 34 Gurgaon-
(32) Priority Date	:NA	122001, Harvana, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AHMED, Sabir
Filing Date	:NA	2)NAIR, Rakesh Sasidharan
(87) 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 method and system for managing user subscription accounts. The method includes the steps of receiving a request for linking comprising a primary identifier and at least one secondary identifier, the primary identifier being associated with a primary subscription account and each of said at least one secondary identifier being associated with a corresponding secondary subscription account. The method involves linking at least one of said secondary subscription account with said primary subscription account and receiving a primary authentication request directed towards the primary subscription account, the primary authentication request being for a first value. The method further includes automatically generating a secondary authentication request directed towards the primary subscription account and at least one tertiary authentication request directed towards said at least one or more secondary subscription account linked with said primary subscription account, each of the secondary authentication request and the at least one tertiary authentication request and the at least one tertiary authentication request and the at least one tertiary authentication request whose sum is equal to the first value.

No. of Pages : 26 No. of Claims : 17

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING SPONSORED COMMUNICATION SERVICES TO LOAN NON-ELIGIBLE SUBSCRIBERS

 (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 	:H04W8/20, H04M1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Comviva Technologies Limited Address of Applicant :A-26, Info City, Sector 34, Gurgaon- 122001, Haryana, India (72)Name of Inventor : 1)JAIN, Manish Kumar 2)RABRA, Arun
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)RABRA, Arun

(57) Abstract :

The present invention provides a method for providing sponsored communication services in a telecommunication network to loan non-eligible subscribers comprising: receiving, by a proxy device, a communication request originating from an initiating party and forwarding the communication request to a loan granting system; receiving, by the proxy device, a signal indicative of loan refusal (because the subscriber is a loan non-eligible subscriber) from the loan granting system; informing the initiating party, by the proxy device, terms of sponsorship and seeking approval from the initiating party; receiving, by the proxy device, a signal indicative of approval by the initiating party; and sending, by the proxy device, routing information to a routing device for storing in respect of the initiating party, the routing device acting upon the routing information while providing a communication service.

No. of Pages : 23 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : TESTING SCREENS OF A MULTI-SCREEN DEVICE

(51) International classification	:G06F3/14, G09G5/00	(71)Name of Applicant : 1)HCL Technologies Ltd
(31) Priority Document No	:NA	Address of Applicant :B-39, Sector 1, Noida 201301, Uttar
(32) Priority Date	:NA	Pradesh, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SURAPARAJU, Rajesh Babu
Filing Date	:NA	2)SUBBARAYAN, Arun Prasad
(87) 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 :

Disclosed is a method for testing screens of a multi-screen device. The multi-screen devicemay establish connections between a plurality of users and a plurality of screens, based on access requests. The multi-screen devicemay receive commands to be executed on corresponding screens. The multi-screen devicemay capture responses of the executionby using a frame grab technique. The multi-screen devicemay determine a performance of each screen of the plurality of screens based on the captured responses. The multi-screen devicemay thus test the plurality of screens based on the performance.

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :23/02/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRISMAWIPE-PRISMATIC WIPER ASSEMBLY FOR EDGE-TO-EDGE WINDSHEILD CLEANING.

(51) International classification:B60S1/(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAElling Data:NA	 (71)Name of Applicant : 1)ER. FARAZ AHMAD Address of Applicant :I-21, EKTA NAGAR CAMPUS, ALIGARH (UP)-202001 Uttar Pradesh India 2)DR. AMEER AZAM (72)Name of Inventor :
(87) International Publication No: NA(61) Patent of Addition to Application Number: NAFiling Date: NA(62) Divisional to Application Number: NA	(72)Name of Inventor : 1)ER. FARAZ AHMAD 2)DR. AMEER AZAM
Filing Date :NA	

(57) Abstract :

This invention relates to a wiper system for motor vehicles or the like and is named as PrismaWipe- Prismatic Wiper Assembly for Edge to Edge Cleaning. The described invention is a two link prismatic mechanism that actuates in a profile such that it wipes the complete rectangular area of the windshield: It uses an actuator fed by a controller that actuates it in the given profile. The design of this invention is better than the conventional wiper assembly that uses a fixed length wiper blade for sweeping a semi-circular region on the windshield. The described invention is capable to run in prismatic as well as conventional mode.

No. of Pages : 10 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :12/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN ADD ON DEVICE TO SMART RATION CARD (51) International classification :G06Q10/00 (71)Name of Applicant : (31) Priority Document No 1)Manoj Kumar :NA (32) Priority Date Address of Applicant :S/o Jagdish Chander, Jawhar Jyoti :NA (33) Name of priority country :NA Jyotipram, Damuadunga, Haldwani, Nainital (Uttrakhand), Pin (86) International Application No Code: 263139 Uttarakhand India :NA (72)Name of Inventor : Filing Date :NA (87) International Publication No : NA 1)Manoj Kumar (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Present invention relates to a ration card system and a device operating thereto, which comprises: a RFID card/tag; a hand held device, comprising a RF module, display unit, a switch array, a microcontroller board and a battery; a server comprising of a RF module, a microcontroller board, personal computer, and a GSM modem; wherein the RFID card/tag has a unique identification number for authentication.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR PRODUCING TIO2 BASED PHOTOCATALYTIC COATING, THE TIO2 BASED COATING OBTAINED BY THE PROCESS AND VARIOUS ARTICLES WITH COATING APPLIED THEREON

(51) International classification	:C08L89/00, C08K5/00	(71)Name of Applicant : 1)ROSARIO COSMETICS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :UNIVERSAL TRADE TOWER,
(32) Priority Date	:NA	SECTOR 49, SOHNA ROAD, GURGAON-122001 HARYANA
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUNAWARDANA, MANJU
(87) 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 a water soluble photocatalytic material capable of being adhered to an article by a conventional coating process. The photocatalytic material includes a doped metal oxide substrate capable of exhibiting photocatalytic behavior on being 10 exposed to visible light, wherein particle size of doped metal oxide substrate ranges from about 18 nanometer (nm) to about 35 nm. Further, the photocatalytic material includes a polymeric adhesive for improving the adhering property of the doped metal oxide substrate on the article. The present invention also relates to a process for producing the water soluble photocatalytic material. It further relates to an air purifying article on which the said 15 photocatalytic material is applied to.

No. of Pages : 20 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :27/01/2014

(21) Application No.230/DEL/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : UNIVERSAL ADVANCE TIME SYSTEM		
(51) International classification	:F16D3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANJAY KUMAR PANERI
(32) Priority Date	:NA	Address of Applicant :215-GANESH COLONY, RAOJI-KA-
(33) Name of priority country	:NA	HATA, UDAIPUR (RAJ.)-INDIA-313001.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANJAY KUMAR PANERI
(87) 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 :

Universal advance time systems has 1000 degree of longitude instead of 360 degree and there is no east and west division in longitude. At present each degree has distance of 111.319 kilometer to other degree and each degree have travel on equator in 4 minutes but our propose time system have 1000 degree travel in 1000 minutes means one degree one minutes each degree has 40.075 kilometer distance to other degree so this proposed time system have more accurate and easy system to find out the any location on the earth. For e.g. point of 115.315 longitude has 1 hour 15 minutes 31.5 seconds it means we can get most accurate and most simple time of the any location. Universal advance time systems has increase degree 360 to 1000 so increase of degree near about 3 times therefore every country find its ,more accurate time than present. It is more accurate to find any small location without any confusion east and west division because it has 0 to 1000 degree longitude only.

No. of Pages : 21 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :12/10/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN AUTOMATED IRRIGATION SYSTEM :A01G25/00, (71)Name of Applicant : (51) International classification G05D11/00, 1)Pradeep Kumar (31) Priority Document No Address of Applicant :S/o Krishan Kumar V.P.O.- Bahia, :NA (32) Priority Date Tehsil-Rania, District-Sirsa, Haryana (125075) India :NA (33) Name of priority country 2)Prof. (Dr.) Pankaj Chandna :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)Pradeep Kumar (87) International Publication No : NA 2)Prof. (Dr.) Pankaj Chandna (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Present invention relates to an automated irrigation system. More particularly, present invention relates to an irrigation system wherein the irrigation system adjusts the flow and amount of water in field.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/02/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : RENEWABLE ENERGY DRIVEN ENVIRONMENT FRIENDLY ENERGY EFFICIENT ECONOMICAL ELECTRICAL VEHICLE

(51) International classification	:B63H21/00, H02J7/14,	(71)Name of Applicant : 1)SINGH HEMANT
(31) Priority Document No	:NA	Address of Applicant :2 BHAWANI SINGH LANE, B.S.
(32) Priority Date	:NA	ROAD, JAIPUR-1, RAJASTHAN, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SINGH HEMANT
Filing Date	:NA	
(87) 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 is related to the field of Automobile Engineering. A Nonpolluting, Energy Efficient and Economical Vehicle are the need of the hour. The invention is an introduction of Vehicle which is a Complete System of Environment Friendly Vehicle. It is nonpolluting because it runs on Solar and Wind Energy driven by Electric Motor. It is very energy efficient because .it Generates and Saves .Energy during operation. To Generate Energy during operation it utilizes Air Resistance by adopting Air Generator and vehicles Momentum by adopting Regenerative System. It also saves Energy during operation by utilizing Rolling Momentum of the vehicle through Single .Directional Clutch in combination with Electronic Gates. It is economical because its operating cost on fuel is zero, maintenance cost is low and initial cost is also low. All this makes this unique invention. It is a vehicle of future with Clean Technology and compatible with present transportation.

No. of Pages : 29 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :26/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : MIST NOZZLE AND METHOD OF MAKING THE SAME

(51) International classification:B05B1/3-B05B17/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)SAPALI SHIVALINGAPPA NAGAPPA Address of Applicant :FLAT NO.06, ANANDI BAUG APARTMENT, TEJASNAGAR, BEHIND MANTRI PARK, KOTHRUD, PUNE, MAHARASHTRA - 38. India 2)AHUJA BHARATKUMAR BHAGATRAJ 3)AVINASH M. DESHMUKH 4)KALE SANDIP ACHUTRAO (72)Name of Inventor : 1)SAPALI SHIVALINGAPPA NAGAPPA 2)AHUJA BHARATKUMAR BHAGATRAJ 3)AVINASH M. DESHMUKH 4)KALE SANDIP ACHUTRAO
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(57) Abstract :

A mist spray nozzle includes a body defining an inlet chamber and an outlet. An orifice disk, adjacent to outlet, has opposing surfaces, a spacer is placed in the swirl chamber and closed between the orifice disk and water flow inlet hole. The orifice disk is used to close the outlet end of the nozzle body. The orifice disks one side surface is having conical shape and another surface end is fiat having the orifice hole. A spacer is used to create the swirling effect on the fluid and forced on the orifice disk and, in turn, through the small passage it delivers a fine mist water droplets of the size 10 to 50 microns.

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

(19) INDIA

(22) Date of filing of Application :26/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMIT ANTENNA SELECTION WITH OPTIMUM COMBINING IN COGNITIVE RADIO NETWORK UNDER THE IMPACT OF AGGREGATE INTERFERENCE

(51) International classification	:H04B7/12, H04B7/005, H04B7/04	 (71)Name of Applicant : 1)HENDRE VAIBHAV SHANTARAM Address of Applicant :C-204, SUN RESIDENCY, OPPOSITE
(31) Priority Document No	:NA	TO KAILAS JEEVAN FACTORY, DHAYARI, PUNE-411041,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)MURUGAN MAHALINGAM
(86) International Application No	:NA	3)DESHMUKH MADHUKAR MOHANRAO
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HENDRE VAIBHAV SHANTARAM
(61) Patent of Addition to Application Number	:NA	2)MURUGAN MAHALINGAM
Filing Date	:NA	3)DESHMUKH MADHUKAR MOHANRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method is invented for single transmit antenna selection based on maximizing the received Signal to Interference Noise Ratio (SINR) by using Optimum Combining (OC) for aggregate interference. The system consists of new scenario of CR ad-hoc network topology with multiple numbers of secondary users each equipped with multiple antennas and single RF element and is distributed as homogeneous spatial Poisson Point Process trying to use the primary spectrum in underlay mode. The aggregate interference model is invented for this topology. TAS based system is invented to mitigate the impact of aggregate interference on the performance of secondary receiver.

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

(19) INDIA

(22) Date of filing of Application :26/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : A MACHINE FOR MAKING METAL RINGS USED FOR ERECTING THE COLUMNS AND BEAMS OF BUILDING DURING ITS CONSTRUCTION

(51) International classification	:E04B1/35	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. LALIT KUMAR CHANDRAKAR
(32) Priority Date	:NA	Address of Applicant :QTR. NO11, RAILWAY COLONY,
(33) Name of priority country	:NA	BALOD, DIST-DURG (C.G.) Chattisgarh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. LALIT KUMAR CHANDRAKAR
(87) 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 machine for making metal rings used for erecting the columns and beams of building during its construction comprising amongst others of box(6) having a lid to cover the opening underneath the box which is mounted on the top of the machine in an inclined position; plurality of the metal rods (30) of specific size and quantity placed inside the box; motor (1) longitudinally placed along with roller(7) and die(4); roller (7); die(4) having a platform on which are dropped, metal rods one at a time; motor (2); rack and pinion assembly (10,12,16 14); base (18,19,20,21); bushes (22) which are attached to the base; bearing (25) is bound between rack gear and die due to which die 1 rotates at an angle of 360° ; motor (3); small pulley (13); big pulley (11); vbelt (17) linked to pulleys and shaft; shaft (15) bolted with big pulley (11) at one end and die(5) at other end; bushes (23) fixes the shaft at the same height; die(5) is attached to shaft at one end; two hanging roller (8 & 9) adjoining the corner the die(4) at one end and the other end affixed at the top of the machine; stopper(26) which stops the movement of metal rod (30) when it is bent into desired shaped metal rings; base box (29) in which metal rings are dropped; such that when the electric supply is switched on, motor(1) starts running, rotating the roller(7) at an angle of 360° , thereby dropping the metal rod (30) placed inside the box(6) one by one on to the platform of die(4), so that motor(2) starts, causing rack movement towards die(4), leading to the movement of die(4), carrying forward the metal rod, from position A to B, resulting in joining of die(4) to die(5) and starting of motor(3) consecutively, which in turn sets the smaller pulley(13) revolving, thereby rotating the die(4) and the die(5) successively, causing the metal rod(30) to rotating which is interrupted abruptly by the two small rollers(8&9) resulting in bending of the metal rods to form desired shaped metal ring and stoppage of motor(3) sequentially, whereby the movement of the motor(2) is reversed causing rack and pinion movement in reverse direction, resulting in the movement of die(4) & metal ring of desired shape in reverse direction from position B to A causing stopper(26) to help to drop the metal ring in the base box, continuing the process till the box (6) is loaded with metal rods (30), at the end of which machine stops automatically. switching off the electric current.

No. of Pages : 13 No. of Claims : 4
(19) INDIA

(22) Date of filing of Application :20/06/2014

(54) Title of the invention : A VIBRATING SIEVING APPARATUS AND A SYSTEM FOR REAL TIME SIEVING.

(51) International classification	:B07B1/28, B07B1/46, B07B1/28	 (71)Name of Applicant : 1)AMAL BHUPENDRA SHAH Address of Applicant :3B/103, Green Acres, Lokhandwala
(31) Priority Document No	:NA	Complex, Andheri, (W) Mumbai 400053, MAHARASHTRA,
(32) Priority Date	:NA	INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AMAL BHUPENDRA SHAH
Filing Date	:NA	
(87) 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 provides a vibrating sieving apparatus and a real time powder sieving system. The apparatus includes a powder pump assembly connected to a vibrating device through a powder suction tube wherein the vibrating device is configured for real time sieving of powder just before spraying. The apparatus further includes a housing connected to the vibrating device wherein the housing includes a sieve section and an anti blinding section. The anti-blinding section of the apparatus is configured for preventing clogging of the sieve section to ensure continuous flow of freshly sieved smooth flowing powder at the suction port of the powder pump assembly. In another embodiment, the present invention provides a real time powder sieving system wherein the vibrating apparatus is immersed in a powder container for sucking the powder through the powder suction tube. The powder pump assembly of the vibrating apparatus has a compressed air inlet which creates a suction to force the powder along with air present around powder particles to pass through a sieve section and an anti-blinding section of the vibrating sieving apparatus thereby ensuring that powder is being sucked as freshly sieved separated particles.

No. of Pages : 33 No. of Claims : 26

(22) Date of filing of Application :18/12/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR NETWORK ACCESS CONTROL BASED ON TRAFFIC MONITORING AND VULNERABILITY DETECTION USING PROCESS RELATED INFORMATION

(51) International classification	:H04L12/24, H04L12/26, H04L29/06	 (71)Name of Applicant : 1)CYBEROAM TECHNOLOGIES PVT. LTD. Address of Applicant :Cyberoam House, Saigulshan Complex,
(31) Priority Document No	:NA	Opp. Sanskruti, Beside White House, Panchwati Cross Road,
(32) Priority Date	:NA	Ahmedabad Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MAHADEVIA, Jimit H
Filing Date	:NA	2)DAVE, Shalvi D
(87) International Publication No	: NA	3)TRIVEDI, Bhushan H
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are various embodiments of method and system for network access control. The method involves traffic monitoring and vulnerability detection using process information. The system analyzes the vulnerability as a process malfunctioning and preventive action focuses on process blocking as against host blocking, leading to overall improved performance and productivity of network. The proposed system and method uses at least one of the following information to: a. Process related information b. connection information and c. Network packet information for network control. At least one of the said information is matched against plurality of signatures to identify and detect a known vulnerity in the network activities. On the basis of match, a verification report is established. Further it is checked whether the verification report is applicable to the process associated with network packet and accordingly authorization decision is established regarding allowing or blocking of the process running on the host.

No. of Pages : 37 No. of Claims : 18

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : REVOLUTIONIZE THE BASIC THOUGHTS OF ATMA (SOUL) AND PARMATMA (SUPER SOUL) WITH THEORETICAL EQUATION

(51) International classification	:G01N 33/00	(71)Name of Applicant : 1)Niranjan Singh
(31) Priority Document No	:NA	Address of Applicant :M-26, BDA Complex, Near CI Homes,
(32) Priority Date	:NA	Matamandir, Bhopal Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Niranjan Singh
Filing Date	:NA	
(87) 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 :

Srimad Bhagavad-Gita, chapter-2, Root Bridge of life is Soul. If Soul departs oneTMs body, it cannot possess the same body. Soul is an energy ball emitted by God particles, combination of electrical, magnetic and light energy having ability to give life in any biobody/cells. Let this energy be Niranjanam Energy (NE). Every NE has its own electromagnetic force. It transmits some information in space. When two or more NE possess same body they call a Super Niranjanam Energy (SNE) to operate all activities. SNE having extraordinary ability to receive and transmit information, manage all NEs. SNETMs magnitude is proportional to number of NEs in same body. The basic Equation of life and death of a single cells/bio-body, Equation of life, and death of a Eukaryote body (body with two or more cells), Equivalent weight and force of NE/SNE and imaginary drawing of NE/SNE is shown in foregoing paras.

No. of Pages : 12 No. of Claims : 1

(22) Date of filing of Application :18/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF BIFUNCTIONAL CERIUM OXIDE NANOPARTICLE WITH ENHANCED ANTIOXIDANT AND CARBONIC ANHYDRASE INHIBITORY ACTIVITY

(51) International classification	:A61K33/24,A61K9/51	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MGM Institute Of Health Sciences (MGMIHS)
(32) Priority Date	:NA	Address of Applicant :Sector -1, Kamothe, Navi Mumbai-
(33) Name of priority country	:NA	410209, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YADAV, Raman Prasad
(87) International Publication No	: NA	2)KADAM, Sudhirchandra Nanasaheb
(61) Patent of Addition to Application	·NI A	3)BHAGIT, Amita Anant
Number	.INA ·NA	4)MHATRE, Sveeta Vishnu
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method for synthesis of cerium oxide nanoparticles (CeO2NP) with highly efficient anti-oxidant property and carbonic anhydrase inhibitory activity by subjecting the cerium oxide solution to aqueous extract of Cicer arietinum plants or proteome of Cicer arietinum. These bifunctional cerium nanoparticles thus produced find potential applications in various domains of biomedical applications especially in ocular disease.

No. of Pages : 26 No. of Claims : 10

(22) Date of filing of Application :18/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREPARATION COMPRISING A PANCREATIC LIPASE INHIBITORY FRACTION AN ANTI-OBESITY PRINCIPLE OBTAINED FROM DIETARY SPICE MESUA FERREA

(51) International classification	:A61K36/00, A61K9/00	(71)Name of Applicant : 1)MGM Institute Of Health Sciences (MGMIHS)
(31) Priority Document No	:NA	Address of Applicant :Sector -1, Kamothe, Navi Mumbai-
(32) Priority Date	:NA	410209, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)YADAV, Raman Prasad
Filing Date	:NA	2)KADAM, Sudhirchandra Nanasaheb
(87) International Publication No	: NA	3)MHATRE, Sveeta Vishnu
(61) Patent of Addition to Application Number	:NA	4)BHAGIT, Amita Anant
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses herbal preparation/compositions comprising methanolic extract/fractions of Mesua ferrea having pancreatic lipase inhibitory activity, useful for the treatment/management of obeJsity and associated conditions. The invention further relates to process for preparing such extracts and fractions comprising pancreatic lipase inhibitory activity.

No. of Pages : 21 No. of Claims : 9

(22) Date of filing of Application :02/08/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED SCHEDULE DELAY ESTIMATION PROCESS FOR DATAPATH DURING HIGH LEVEL SYNTHESIS OF APPLICATION SPECIFIC PROCESSORS

(51) International classification	:G06F17/50, G06F11/20, G11C29/00	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE Address of Applicant :Indian Institute of Technology, Indore,
(31) Priority Document No	:NA	PACL Campus, Near Veterinary College, Survey No. 113/2-B,
(32) Priority Date	:NA	Mhow, MP, India, PIN: 453441 and also having a place of
(33) Name of priority country	:NA	business at IET DAVV Campus, M Block, Khandwa Road,
(86) International Application No	:NA	Indore, PIN: 452017 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SENGUPTA, Anirban
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved schedule execution delay estimation process during high level synthesis of application specific processors is disclosed. In one implementation, a novel improved execution delay estimation methodology during scheduling in high level synthesis (HLS) for application specific processors is disclosed. Execution delay estimation from a schedule during HLS is normally determined by considering the delay of only the functional units in each control step. However, this estimated delay value from the schedule may not be a true indicator of the delay consumed by its equivalent datapath circuit. The present invention accurately estimates the schedule delay than existing techniques. Ability to accurately estimate schedule delay helps in avoiding timing violation during design of application specific processors. Inaccurate delay estimation misguides the designer during design space exploration in HLS with a solution that seems to apparently meet delay constraint, however in reality, the solution comprises of violation in timing constraint.

No. of Pages : 32 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : ROTATING BIOLOGICAL CONTACTORS FITTED WITH HORIZONTAL AND VERTICAL SHAFT

(51) International classification	:C02F3/12, C02F3/08	(71)Name of Applicant : 1)Mangesh L. Gulhane
(31) Priority Document No	:NA	Address of Applicant :Department of Civil Engineering, Govt.
(32) Priority Date	:NA	College of Engineering, Amravati Maharashtra India
(33) Name of priority country	:NA	2)Dr.Nitin W. Ingole
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mangesh L. Gulhane
(87) International Publication No	: NA	2)Dr.Nitin W. Ingole
(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 systems and methods for the biological treatment of wastewater by using Rotating Biological Contactors fitted with rotating horizontal and vertical shaft with paddles. Rotating biological contactors are used for the biological treatment of wastewater. Such a device characteristically utilizes a wastewater contacting medium which is fixed upon a rotating shaft and arranged to continuously revolve in a reservoir of wastewater to be treated. As the contacting media rotates, the media experiences alternative exposure to wastewater and oxygen (air). A biological culture gets developed on the media which has capability to stabilize the organic matter in the wastewater. Thus the present invention answers the stated problems. Following invention as described in detail with the help of Figure 1. Figure 1 of sheet 1 shows the diagram for Plan View of the Rotating Biological Contactors and Figure 2 of sheet 1 shows the diagram for longitudinal section view of the Rotating Biological Contactors.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/01/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : DESIGN SPACE EXPLORATION OF OPTIMAL KC-CYCLE TRANSIENT FAULT SECURED DATAPATH SYSTEM WITH INTELLIGENT CUT INSERTION

(51) International classification	:G06F9/44, G06F17/50	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE
(31) Priority Document No	:NA	Address of Applicant :Indian Institute of Technology, Indore,
(32) Priority Date	:NA	PACL Campus, Near Veterinary College, Survey No. 113/2-B,
(33) Name of priority country	:NA	Mhow, MP, India, PIN: 453441 and also having a place of
(86) International Application No	:NA	business at IET DAVV Campus, M Block, Khandwa Road,
Filing Date	:NA	Indore, PIN: 452017 Madhya Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SENGUPTA, Anirban
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one implementation, a mechanism for generating a user-friendly, economical, adaptable and simplified system for exploring/designing a kc cycle transient fault secured datapath circuit for transient single and multi-cycle faults based on user power/area and delay budget with module that intelligently/aptly applies cut insertion for delay reduction during high level synthesis, is disclosed. For achieving the same an apparatus (1500) is configured to design a kc cycle transient fault secured dual/double modular redundancy (DMR) system, for generating at least one scheduled data flow graph (SDFG) DMR systems, and thereby optimizing an operating expense (at least time and/or resource) of the DMR system obtained based on user power- delay constraints, the apparatus comprising a receiving module (1510), a SDFG generation module (1512), and a hardware allocation module (1514).

No. of Pages : 62 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : DESIGN SPACE EXPLORATION OF AN OPTIMIZED HARDWARE TROJAN DETECTABLE/SECURED DATAPATH DURING HIGH LEVEL SYNTHESIS

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Technology, Indore,
(33) Name of priority country	:NA	PACL Campus, Near Veterinary College, Survey No. 113/2-B,
(86) International Application No	:NA	Mhow, MP, India, PIN: 453441 and also having a place of
Filing Date	:NA	business at IET DAVV Campus, M Block, Khandwa Road,
(87) International Publication No	: NA	Indore, PIN: 452017 Madhya Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SENGUPTA, Anirban
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An evolutionary algorithm (EA) driven novel design space exploration (DSE) of an optimized hardware Trojan secured datapath based on user power-delay constraint during high level synthesis (HLS) is presented. The present invention provides DSE for hardware Trojan detection includes a problem encoding technique that enables exploration of efficient distinct vendor allocation as well as enables exploration of an optimized Trojan secured datapath structure. The exploration backbone for the present invention is bacterial foraging optimization algorithm (BFOA) which is known for its adaptive feature (tumbling/swimming) and simplified model. Results of comparison with recent approach indicated an average improvement in quality of results (QoR) of >14.1%

No. of Pages : 47 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 05/06/2015

 (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 	:F26B17/28,F26B17/00, C02F1/00 :NA :NA :NA :NA :NA : NA : NA	 (71)Name of Applicant : 1)Mangesh L. Gulhane Address of Applicant :Department of Civil Engineering, Govt. College of Engineering, Amravati Maharashtra India 2)Dr.Nitin W. Ingole (72)Name of Inventor : 1)Mangesh L. Gulhane 2)Dr.Nitin W. Ingole
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)Dr.Nitin W. Ingole

(54) Title of the invention : WASTEWATER TREATMENT BY USING ROTARY DRUM REACTOR

(57) Abstract :

The present invention relates to provide an improved domestic wastewater treatment using Rotary drum reactor. Known biological treatment methods of wastewater typically include: (i) an activated sludge type process wherein wastewater and flocks of microorganisms suspended there in are contacted with each other to purify the wastewater, and; (ii) a biological fixed film type process wherein wastewater is contacted with biological fixed films attached onto a support to purify the wastewater. Rotary drum reactor is a technique of using attached and suspended growth system by effectively using the advantages of both systems. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the diagram for longitudinal section view of Rotary Drum Reactor and Figure 2 of sheet 1 shows the plan view of Rotary drum Reactor.

No. of Pages : 15 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :28/02/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : DOWN ROD ASSEMBLY FOR CEILING FAN

	:F04D25/08,	(71)Name of Applicant :
(51) International classification	F04D29/34,	1)Dr. ASHOK VISHWASRAO BHONSALE
	F21V33/00	Address of Applicant : B 52, PARIJAT CHS,
(31) Priority Document No	:NA	RECLAMATION, BANDRA (WEST), MUMBAI 400050,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dr. ASHOK VISHWASRAO BHONSALE
Filing Date	:NA	
(87) 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 down rod assembly for ceiling fan is provided. The down rod assembly for ceiling fan includes a U shaped fork which is placed inside a top canopy of the ceiling fan. The U shaped fork further includes a device to release a wire, wherein the device is positioned at one end of the U shaped fork such that the wire is connected to a down rod. The device engages and unwinds when subjected to a load. A holding wire is also arranged such that both ends of the holding wire are connected to a central pin and passes through the down rod. The holding wire triggers when subjected to a load less than the load which engages the device. Further, a rubber bush is also positioned at other end of the U shaped fork.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/11/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : THERMALLY EFFICIENT AND READILY REPAIRABLE LID FOR LADLE :F27D1/00,B22D41/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)M/S. MANISHA CHEMICALS :NA (32) Priority Date Address of Applicant :S-W-75, MIDC, BHOSARI, PUNE-:NA (33) Name of priority country 411026. Maharashtra India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)MR. CHAUKULKAR BHALCHANDRA VENKATESH (87) International Publication No : NA 2)MR. CHAUKULKAR GHANSHYAM VENKATESH (61) Patent of Addition to Application 3)MRS. CHAUKULKAR PUSHPA SHRIKRISHNA :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to thermally efficient, easy to operate and readily repairable lid for ladle, furnace, tundish, crucible, pot or other containment system, either portable or stationary for a molten metal or other material. This invention relates to lid over ladle assembly using refractory insulation to reduce heat losses of molten metalor anyother material held in that vessel assembly. The assembly allows intermittent removal of the molten metal or any other material held in it for pouring or tapping. This invention further relates to a lid over ladle assembly and method of use.

No. of Pages : 28 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :27/03/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTI-FRICTION ARRANGEMENT FOR RAILING SYSTEM FOR CIRCUIT BREAKER

(51) International classification	·U01U71/10	(71) Name of Applicant :
(31) International classification	.110111/1/10	(71)Name of Applicant.
(31) Priority Document No	:NA	1)Larsen & Toubro Limited
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	No. 278, Mumbai 400 001, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MORE, Vishal
(87) International Publication No	: NA	2)SENGUPTA, Himadri
(61) Patent of Addition to Application Number	:NA	3)HEMNANI, Mohit
Filing Date	:NA	4)ANTONY, Bonny
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to railing system of draw out type circuit breakers. The disclosure provides a rail (100) that is supported on rollers and removes sluggishness in movement, reduces effort required to move circuit breaker inward/outward and enhances service life due to reduced wear. In an embodiment, the disclosure provides a rail guided by a top rail guide assembly (300) and a bottom rail guide assembly (200) wherein the two rail guides are configured with rollers (202 & 302) to support the rail (100) in mutually perpendicular directions. The bottom rail guide assembly (200) is configured with rollers (302) that support the rail (100) in vertical direction and the top rail guide assembly (300) is configured with rollers (302) that support the rail 100 in lateral/horizontal direction. Thus the disclosed configuration does not allow slipping and tilting as the rail (100) carrying the circuit breaker moves to and fro in the cradle thus ensuring proper breaker movement in cradle.

No. of Pages : 17 No. of Claims : 10

(22) Date of filing of Application :20/11/2014

(51) International classification	:C13B 5/00, C07F9/40, C12P 19/00	(71) Name of Applicant : 1) UDAYSINGH DEVISINGH CHAUHAN Address of Applicant :A/3 VARAD GANESH APARTMENTS, 241/242 SAMARTH NAGAR, AURANGABAD-431001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)UDAYSINGH DEVISINGH CHAUHAN
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NOVEL PROCESS OF INCREASING SUGAR YIELD

(57) Abstract :

The present invention relates to a process of increasing a sugar yield by carrying out a centrifugation of a sugar massecuite. The method comprises carrying out a C-fore curing of a CTM -massecuite to obtain a CTM -fore magma sugar and collecting a first molasses in a storage tank. Further, carrying out a C-after curing of the obtained CTM -fore magma sugar and collecting a second molasses in another storage tank. The sugar massecuite is C-massecuite. The C-fore curing is carried out without using any lubrication. The C-fore curing includes dry curing. The purity of CTM -fore magma sugar obtained is 64-67-purity. The step of C-after curing includes centrifugation and recovering a sugar material. The sugar material has a purity of 90. The sugar material is boiled to raise sugar crystal size and obtaining a molasses of purity 65-68. The process increases a yield of the sugar by 0.8%.

No. of Pages : 20 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :26/05/2015

(43) Publication Date : 05/06/2015

	E00D21/00 E04D1/00	(71)Norman C. Arrallian A.
(51) International classification	:E02D31/08,E04B1/98,	(/1)Name of Applicant :
	E04G23/04	Г)МАНЕБН ҮАБНКАЈ
(31) Priority Document No	:NA	Address of Applicant :128, YASHWANT SHOPPING
(32) Priority Date	:NA	CENTER, 7TH CARTER ROAD, NEAR RAILWAY STATION,
(33) Name of priority country	:NA	BORIVALI EAST, MUMBAI 400066, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHESH YASHRAJ
(61) Patent of Addition to Application	.NT A	
Number	INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : EARTHQUAKE RESISTANT STRUCTURE TECHNOLOGY

(57) Abstract :

According to the present invention, the structure is strengthen by increasing the rigidity of the entire frame by providing additional cross beams bellow plinth, at plinth level, cross beams at various levels in horizontal structures. Called as Omex Horizontal Technology. In another aspect of the present invention, the structure is strengthen by increasing the rigidity of the entire frame by providing additional cross beams at columns and beams/slabs at various levels in vertical structures. Called as Omex Vertical Technology. In one of the aspect of the present invention, the columns below ground level or below plinth are provided with the additional props in the form of fins to the three / four sides of the columns Modified columns with the additional props in the form of fins are as shown in Drawing 15, which resists the horizontal and vertical moments of the whole structure caused during earthquake. Called Fins Propping Technology. In another aspect of the present invention, interlocking between RCC members and brick masonry provided the balance of brick walls. Interlocking between RCC members and Masonry is provided.In addition to that, with Reinforced Masonry for Corner walls as well as for dead walls to interlock firmly the wall structure. Interlocking between the corner of the walls and dead walls helps to increase the rigidity and prevent / reduce the collapse and damage of walls as well as RCC Structure.Called as Reinforced Masonry Technology. In one of the aspect of the present invention, the masonry walls can also be additionally supported by means of Gl mesh and or steel bars for reinforcement to form a single unit instead of breaking into pieces. Reinforced Masonry Technology.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :25/05/2015

(54) Title of the invention : APPARATUS AND METHOD TO CUT THREE-DIMENSIONAL AXISYMMETRIC ARTICLE WITH AID OF TEMPLATES

(51) International classification	:B26D 1/00	(71)Name of Applicant : 1)PATEL SANDIP THAKORBHAI
(31) Priority Document No	:NA	Address of Applicant :SAI NIKETAN SOCIETY, NEAR
(32) Priority Date	:NA	NATIONAL ASSOCIATION FOR THE BLIND, NANAKWAD,
(33) Name of priority country	:NA	VALSAD 396001 Gujarat India
(86) International Application No	:NA	2)BOPALIYA PARESH DHANSUKHBHAI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PATEL SANDIP THAKORBHAI
(61) Patent of Addition to Application Number	:NA	2)BOPALIYA PARESH DHANSUKHBHAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and an apparatus to cut three-dimensional axisymmetric article with aid of two same templates. These templates are two dimensional having axisymmetric shape which is same as cross section of an article. Cutting operation is performed by hot wire cutting tool which travels over guide surface of templates. Cutting cycle is performed multiple times and each time workpice is advanced angularly which result in axisymmetric article.

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

(22) Date of filing of Application :29/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DESIGN SPACE EXPLORATION SYSTEM AND METHOD THEREOF USING ABACTERIAL FORAGING OPTIMIZATION MECHANISM

 (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 	:G06F9/44 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE Address of Applicant :Indian Institute of Technology, Indore, PACL Campus, Near Veterinary College, Survey No. 113/2-B, Mhow, MP, India, PIN: 453441 and also having a place of business at IET DAVV Campus, M Block, Khandwa Road, Indore, PIN: 452017 Madhya Pradesh India (72)Name of Inventor : 1)SENGUPTA, Anirban
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus and method for automatically exploring a design space of an untimed CDFGduring HLS, using a bacterial foraging optimization (BFO) mechanism, for designing or obtaining an application-specific processor (ASP) or Hardware Accelerator or Intellectual Property Core is disclosed. The apparatus comprises of one or more processing unit(s) configured to: initialize bacterium position corresponding to resource configuration, wherein said bacterium are uniformly distributed over said design space; perform a chemotactic movement of said bacterium, by means of a specialized chemotaxis mechanism of said BFO, to enable change in position of bacterium from original or past position to new or present position; and disperse said new or present position, by means of a specialized dispersal mechanism of said BFO, to explore automatically said design space based on new or present position, if found optimal, obtain said ASP or Hardware Accelerator or Intellectual Property Core.

No. of Pages : 47 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

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

(51) International classification	:H04L9/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NACHIKET DESHPANDE
(32) Priority Date	:NA	Address of Applicant :501, PEACE HAVEN, LATH ROAD,
(33) Name of priority country	:NA	CHEMBUR, MUMBAI-400 071, MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NACHIKET DESHPANDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a system and a method for push authorization. The system and the method are used for push authorization of an information transaction providing seamless authorization mechanism allowing users to receive authorization requests. The system comprises a push request generator (PRG), a plurality of applications/ systems connected to the push request generator (PRG), a push authorization node (PAN) and a plurality of client devices. The system and the method allow users to be in complete control of the authorization process/function/system and at the same time increase efficiency and reliability.

No. of Pages : 24 No. of Claims : 9

(22) Date of filing of Application :30/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DESIGN SPACE EXPLORATION OF OPTIMAL K-CYCLE TRANSIENT FAULT TOLERANT DATAPATH BASED ON MULTI-OBJECTIVE POWER-PERFORMANCE TRADEOFF

(51) International classification	:G06F17/10, G06F17/50, G06F9/44	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE Address of Applicant :Indian Institute of Technology, Indore,
(31) Priority Document No	:NA	PACL Campus, Near Veterinary College, Survey No. 113/2-B,
(32) Priority Date	:NA	Mhow, MP, India, PIN: 453441 and also having a place of
(33) Name of priority country	:NA	business at IET DAVV Campus, M Block, Khandwa Road,
(86) International Application No	:NA	Indore, PIN: 452017 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SENGUPTA, Anirban
(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 a system (apparatus) and method for design space exploration of an optimal single or multi cycle (kcycle) transient fault detectable and /or error correctable data path which indicates design space exploration method producing design solutions with ability of k-cycle transient fault detection and/or error correction and generation of an optimal k-cycle transient fault detectable and /or fault correctable datapath that minimizes user specified power and delay (or performance) constraint, by detecting transient faults using a double/ dual modular redundancy (DMR)and/or correcting them using a double/ dual modular redundancy (DMR) with recovery circuit. Further, the present invention enables to achieve high reliability of the systems by considering fault tolerance (detectability and/or correctability) as design metric (or constraint) besides power and execution delay during multiobjective design space exploration (DSE) in high level synthesis (HLS).

No. of Pages : 55 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : MODIFIED CASING AND CAPPING AND METHOD OF USING THE SAME

 (86) International Application No (87) International Publication Number (87) Internationa	DAM BUS COCHIN,
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(57) Abstract :

A modified protective casing provided with interlocking tooth on its mouth side for receiving and holding the wires and cables within it. The casing is provided with rubber grip along its length on the outer sides and capping with rubber grip along its iength on inner sides.

No. of Pages : 8 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : SEAT X

(51) International classification	:B60N2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.C.RAMPRAKASH
(32) Priority Date	:NA	Address of Applicant :S/O. M.CHINNASAMY, 1/62:
(33) Name of priority country	:NA	METTUVAVI, METTUVAVI POST, KINATHUKADAVU
(86) International Application No	:NA	TALUK- 641 202, COIMBATORE DT, Tamil Nadu India
Filing Date	:NA	2)MS.PARAMESWARI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR.C.RAMPRAKASH
Filing Date	:NA	2)MS.PARAMESWARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The SEAT X is a unique invention with following features. Presently the cars driver seat has got gap in the left side where the gear box is found. At times when the person takes his mobile phone or coins they fall accidentally in the left side and sometimes go into the gap down below and even to the gear fittings sometimes. Thus there is a danger of getting the vehicle struck because of this. When this happens while driving the vehicle, there is a danger of the person driving getting his attention deviated from driving to take the fallen article which may cause very serious consequences including accidents. This invention prevents items from falling down in between a cars front seats and center console...Avoids coins get lost Avoids small vital things, like Keys get lost Avoids food spilling in the gap and making a mess under the seat Avoids phones, wallets, purses, passport, passbook, currency, credit card slipping through the gap and avoids time lost in searching for them Avoids distraction from driving, if driver drops something inside the gap and try to look for it while driving. Avoids injury /scratches/ cuts to hands by sharp metal objects that are parts of a car under the seat, while trying to search for dropped items in the gap. Keeps the car clean. More compact and less weight.

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

(19) INDIA

(22) Date of filing of Application :19/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : COST EFFECTIVE HYBRID SOLAR CHARGER CONTROLLER

(51) International classification :H02J7/00	(71)Name of Applicant :
(31) Priority Document No :NA	1)THE REGISTER
(32) Priority Date :NA	Address of Applicant : VELS UNIVERSITY, VELAN
(33) Name of priority country :NA	NAGAR, P.V.VAITHIYALINGAM ROAD, PALLAVARAM,
(86) International Application No :NA	CHENNAI - 117, Tamil Nadu India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)PRABHU SELVAKUMAR
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Charging batteries with solar power is great on the environment and for batteries. Charging and maintaining batteries through solar will result in better battery performance and longer battery life. With solar chargers rated 15 watts or more, we recommend the use of a controller. Its no surprise that if a battery reaches full charge, but the sun keeps on shining, you risk overcharging the battery. Solar controllers regulate the voltage output from the solar panel and prevent batteries from being overcharged. This project involves a real time charger controller that works efficiently and provides a constant power to the battery for charging. The main purpose of this charger controller is to protect the battery from over charging and also cost effective.

No. of Pages : 7 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : SINGLE PIECE CAP FOR LIQUOR BOTTLE WITH INBUILT TAMPER EVIDENT

(51) International classification :B6. (31) Priority Document No.	5D41/00 (71)Name of Applicant :
(32) Priority Date :NA	A Address of Applicant :6/20, 5th Street, Rutland Gate,
(33) Name of priority country :NA	Nungambakkam, Chennai-600034, Tamil Nadu, India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)A.Dayanand Reddy
(87) International Publication No : NA	A
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	A land

(57) Abstract :

The present invention mainly relates to closure for bottles and more particularly to a single piece closure with inbuilt tamper evident for closing the mouth of a liquor bottle. In one embodiment the single piece closure comprising: a elongated body with first, second and intermediate portion, wherein the first end includes interior thread attachment for opening and closing the mouth of the liquor bottle, second portion includes a tamper evident with aligning ribs position for unauthorized access to the liquor bottle and the intermediate portion includes slitting dimensions which signifies sealing and unsealing, wherein the first and second portion is designed and constructed in such a way serrations for the tamper evident is formed in the injection mould itself and so no tear off ring happens and uncapping the closure leaves slider construction (sleeve) in the bottle neck and the closure is reused for another bottle.

No. of Pages : 14 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTROL UNIT AND METHOD FOR DYNAMICALLY CONTROLLING RESOLUTION OF DISPLAY

(57) Abstract :

Embodiments of present disclosure disclose a method for dynamically controlling resolution of a display associated to an electronic device. The method comprises receiving at least one of contextual parameters and non-contextual parameters. Then, the method comprises determining one or more portions of the display requiring resolution adjustment based on the at least one of the contextual parameters and the non-contextual parameters. The method comprises evaluating resolution to be applied for each of the one or more portions of the display based on the at least one of the contextual parameters and the non-contextual parameters. The method comprises providing the evaluated resolution of each of the one or more portions of the display to a graphic controller of the electronic device for controlling the resolution of the display.

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

(22) Date of filing of Application :27/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : SIPHONIC CLEANER

(51) International classification	:A47L9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRASAD T C
(32) Priority Date	:NA	Address of Applicant : THEKKEPARAMPIL,
(33) Name of priority country	:NA	POOVANTHURUTHE P.O, NATTAKOM S.O, NATTAKOM,
(86) International Application No	:NA	KOTTAYAM - 686 013, Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRASAD T C
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a Siphonic Cleaner device to clean water tanks. The Siphonic cleaner comprises, a hose, siphonic head and stick made of aluminium pipe which is connected to the tank by making a hole at the bottom side of the tank. With the help of stick dip the head in water and move it on the floor and walls of the tank. The valve is then opened. The muddy water flows out through the valve. The muddy water never mixes with the water above, so that at the time of cleaning, the water in the same tank can be used for household purposes.

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

(19) INDIA

(22) Date of filing of Application :31/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DUAL INPUT MULTIPORT CHARGER WITH POWER BACKUP

		(71)Name of Applicant :
(51) International classification	:H02J7/00	1)SIVA SATHISH KUMAR. T
(31) Priority Document No	:NA	Address of Applicant :NO. 38, AALAMARA THERU,
(32) Priority Date	:NA	PERUMADUNALLUR, GUDUVANCHERRY, CHENNAI 603
(33) Name of priority country	:NA	202 Tamil Nadu India
(86) International Application No	:NA	2)M.R. PRAKASH
Filing Date	:NA	3)PRAMEESHMOOLAKOYYOT
(87) International Publication No	: NA	4)KAWSPATSHA K
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SIVA SATHISH KUMAR. T
(62) Divisional to Application Number	:NA	2)M.R. PRAKASH
Filing Date	:NA	3)PRAMEESHMOOLAKOYYOT
		4)KAWSPATSHA K

(57) Abstract :

A multiple mobile or multiple tab or multiple mobile and tab charging device comprising of a main charging unit suitably enclosed, with an AC insulated copper wire to connect the main charging unit to an external AC power source and a DC insulated copper wire to connect the main charging unit to an external DC power source, as its two accessories.

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

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 05/06/2015

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

	007125/00	
(51) International classification	:C0/K5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIVI'S LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :7-1-77/E/1/303, DIVI TOWERS,
(33) Name of priority country	:NA	DHARAM KARAN ROAD, AMEERPET, HYDERABAD - 500
(86) International Application No	:NA	016 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MURALI KRISHNA PRASAD DIVI
(61) Patent of Addition to Application Number	:NA	2)MYSORE ASWATHA NARAYANA RAO
Filing Date	:NA	3)SHAIK NOWSHUDDIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for the Preparation of Advantame : A novelprocess for the preparation of N-[N-[3-(3-hydroxy-4-methoxyphenyl)-propyl]-L-a-aspartyl]-L-phenylalanine-1-methyl ester is described. It comprises, reacting isovanillin or its derivative with vinyl actate followed by reductive condensation with L-[a-aspartyl]-L-phenylalanine-1-methyl ester.

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

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTI-BURNER GASIFIER		
(51) International classification	:C10J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. BENERSOL
(32) Priority Date	:NA	Address of Applicant :NO.8, KRISHNA, 1ST FLOOR, 1ST
(33) Name of priority country	:NA	MAIN, 4TH CROSS, GAURAVNAGAR J.P.NAGAR 7TH
(86) International Application No	:NA	PHASE BANGALORE-560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PURSHOTHAMA ACHARYA KATEEL
(61) Patent of Addition to Application Number	:NA	2)R. VASANTH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multi-burner Pellet Gassifier COMPRISING OF The reactor ,blower , Cyclone , condensers .sand-bed filter, pumps ,Tar-Catcher,Pre-Filter Buffer Tank Compressor , Storage Tank, Regulator, pipeline burners burning at 3.5 to 4 bar pressure and fed to the burners .and burning fame will be blue and thermal valu will be equalanted to LPG

No. of Pages : 7 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : WASTE MINIMISER AND SUCTION LESS WASTE COLLECTION SYSTEM FOR RINGFRAME (51) International classification :D01H5/00 (71)Name of Applicant : (31) Priority Document No. :NA :NA :D11KA PTHIKEYAN

(31) Priority Document No :NA	1)KARTHIKEYAN
(32) Priority Date :NA	Address of Applicant :E302, SREEVATSA RESIDENCY,
(33) Name of priority country :NA	G.N.MILLS POST, COIMBATORE - 641 029, Tamil Nadu India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)KARTHIKEYAN
(87) 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 :

Waste Reducer - Double, Stops the feeding of roving completely in particular spindle where there is yarn break. Two stopper wedges will get inserted in between back pair of rollers and middle pair of aprons of Ringspinning drafting system simultaneously and stops feeding of roving in-to front Pair of drafting rollers. The stopper wedges are suitably designed so that it will only sep;rate the pair of rollers and pair of aprons from from transmitting drive to cut off feeding,of roving but still the pair of rollers and pair of aprons will have grip on the roving, so that the roving will not be pulled by the front pair of drafting rollers . While stops the feeding and relase of the roving by the attendant, both the Stopper wedges will not disturb the roving as it has opening space for roving. The roving left out in between the apron nipping point and delivery roller nipping point will only be drafted out as waste. Suction-less waste collection system -Take up roller placed under the front bottom drafting roller will observe the fiber fleece drafted out from drafting rollers.

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

(19) INDIA

(22) Date of filing of Application :21/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : NATURAL FIBRE PARTICLE REINFORCED COMPOSITES

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEVARAJAN, CHANDRAMOHAN
(32) Priority Date	:NA	Address of Applicant : ASSOCIATE PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF MECHANICAL ENGINEERING ,
(86) International Application No	:NA	VELTECH AVADI, CHENNAI - 600062, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DEVARAJAN, CHANDRAMOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosure the advantages offered by renewable resources for the development of composite materials based on bio polymer and particles of natural fibers pomegranate (P^onica granatum) and hen egg shell are fabricated using molding method. This invention focuses on establishment of superior mechanical and.material properties of the hybrid composite In this disclosure, flexural rigidity test, tensile test, impact test hardness and thermal property of-hybrid composite at dry and wet conditions have ben reported. The disclosure.includes the process t³ make the composite and also the variety of producs in automotive, fumiture, upholstery, house hold gopds and computer goods.

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

(22) Date of filing of Application :25/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN AYURVEDIC FORMULATION EFFECTIVE AGAINST ARTHRITIS AND RELATED DISEASES

(51) International classification:A61K36/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	 (71)Name of Applicant : 1)RATHEESH M. Address of Applicant :RATHEESH BHAVANAM, NJAKKANAL P.O, OACHIRA, KOLLAM - 690 525, Kerala India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)RATHEESH M.
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention herein discloses an ayurvedic formulation effective against arthritis and related diseases and a method of preparation of the same. The formulation compnses bark of Sida cordifolia, water decoction of Sida cordifolia root, coconut milk and sesame oil. The method of preparation comprises processing the ingredients, mixing and concentraing i one hundred and one times. The ayurvedic formulation provides an anti-arthritic agent which is safe, effective and devoid of side effects.

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

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF PROVIDING INCENTIVES IN EXCHANGE FOR SHARING VIA EMAIL OR SOCIAL MEDIA AND A COMPUTER SYSTEM THEREFOR

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNDARESAN CHANDRASEKARAN
(32) Priority Date	:NA	Address of Applicant :FLAT 4B, NEWRY SHREESHAA,
(33) Name of priority country	:NA	DOOR NO. 66-69 (OLD), PLOT NO.35, (NEW), 2ND AVENUE,
(86) International Application No	:NA	INDIRA NAGAR, ADYAR, CHENNAI, Tamil Nadu India
Filing Date	:NA	2)SRAVYA SARVAREDDY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUNDARESAN CHANDRASEKARAN
Filing Date	:NA	2)SRAVYA SARVAREDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of providing tangible incentives to buyer, for sharing via email/social media comprising (i) setting an incentive related to a specific product/plurality of products against a share action within the web/mobile application and storing information in Database Module Means; (ii) determining the incentive based on pre-determined criteria; (hi] monitoring and confirming share action performed in a pre-determined manner based on pre-determined criteria; (iv) granting reward in furtherance to said monitoring and confirming of share action by customer, performed via email/social media network like Face book/twitter; network with friends/family members who could be single person or multiple persons. Incentive is free shipping or reduced fee shipping or free upgrade to expedited shipping or expedited shipping with reduced fee on product purchased or intended to be purchased, alternatively a release action by system on predefined business rule based system imposed constraint which is either certain systemic limitations or blocking of whole online transaction process. Computer system performing the method to provide tangible incentives to buyer comprising, (i) Admin Console Module Means for setting incentive related to specific product or plurality of products against share action; 00 Database Module to store all details and actions performed by Admin Console Module Means> Incentive Module Means, Monitoring and Confirmation Module Means and Reward Module Means (iii;) Incentive Module Means determining incentive based on predetermined criteria; (iv) Monitoring and Confirmation Module Means to confirm share action performed in predetermined manner based on predetermined criteria; (v] Reward Module Means granting reward consequent to monitoring and confirmation of share action.

No. of Pages : 17 No. of Claims : 9

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN E-COMMERCE METHOD FOR AN INTELLIGENT AND REAL TIME, LOCATION BASED, AUTOMATED AND INSTANTANEOUS FLUID PRICING MANAGEMENT SYSTEM AND A SYSTEM THEREOF

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNDARESAN CHANDRASEKARAN
(32) Priority Date	:NA	Address of Applicant :FLAT 4B, NEWRY SHREESHAA,
(33) Name of priority country	:NA	DOOR NO. 66-69 (OLD), PLOT NO.35,(NEW), 2ND AVENUE,
(86) International Application No	:NA	INDIRA NAGAR, ADYAR, CHENNAI, Tamil Nadu India
Filing Date	:NA	2)SRAVYA SARVAREDDY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUNDARESAN CHANDRASEKARAN
Filing Date	:NA	2)SRAVYA SARVAREDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

E-commerce method for an Intelligent, real time, location based, automated, instantaneous fluid pricing management system comprising steps of uploading product catalogue details in data base Module and Rules Engine Module/Means, setting a base price for product by Admin Console Module/Means, configuring a nudge range provision to Bargain Engine Module/Means to issue nudge to customers while quoting a price range, finally reporting for seller to track orders; storing data entered in earlier step by Admin Console Module/Means in Database Module, sharing said data entered with Rules Engine Module/Means and with Analytics Engine Module/Means; processing instantaneously customers wish by Fluid Pricing Module/Means issuing a nudge or recommendation to customer based on predetermined parameters simultaneously keeping track of customers membership, reward and system currency information; enabling customer engagement with this system through visual means by User Interface Module/Means through said Fluid Pricing Module/Means incorporating in a mobile, or web, or tablet, or any such widget applications; keeping track of every wish submitted by a ■. customer and influencing in decision making process by Fluid Pricing Module/Means along with Reputation Score Engine Module/Means; analyzing data stored in said Database Module by Analytics Engine Module/Means and simultaneously reporting activity generated in Fluid Pricing Module/Means by Reporting Engine Module/Means for displaying Key Performance Indicators and generating rich reports in predetermined format within Admin Console Module/Means. Bid and Bargain Engine Module/Means does instantaneous processing of customers wish and issues nudge when price quoted by customer is lower than set price or within nudge range; Recommendation Engine Module/Means does instantaneous recommending for products based oh customers submitted price or price range and other predetermined parameters; Membership and Rewards Module/Means does storing and managing customers membership and rewards or incentives, details in a transaction; System Currency Module/Means does storing, managing system currency details for plurality of customers; A system comprises Admin Console Module/ Means uploading product catalogue details to Database Module and Rules Engine Module/Means; Database Module to store seller input details and display results of transaction; Rules Engine Module/Means influence decision making of bidding process based on predetermined parameters; Fluid Pricing Module/Means comprises Bid and Bargain Engine Module/Means presenting visual cue having bargain acceptance meter comparing against base price of product, Recommendation Engine Module/Means, Membership and Rewards Module/Means, System Currency Module/Means; Bid List Module/Means processes customers wish, issuing nudge or recommendation to customer based on predetermined parameters keeping track of customers membership, reward and system currency information; User Interface Module/Means incorporates mobile, web, tablet, widget applications enabling customer engagement with system through visual means; Reputation Score Engine Module/Means keeps track of every wish submitted by customer influencing decision making by Fluid Pricing Module/Means; Analytics Engine Module/Means analyzes data stored and activity generated; Reporting Engine Module/Means displays Key Performance. Indicators and generates rich reports in predetermined format.

No. of Pages : 52 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :22/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SYNERGISTIC COMPOUND D5 FOR THE MANAGEMENT OF DIABETES MELLITUS AND RELATED DISORDERS

(51) International classification(31) Priority Document No	:A61K36/00 :NA	(71)Name of Applicant : 1)CENTRAL COUNCIL FOR RESEARCH IN SIDDHA
(32) Priority Date	:NA	Address of Applicant : ANNA HOSPITAL CAMPUS, SCRI
(33) Name of priority country	:NA	BUILDING, ARUMBAKKAM, CHENNAI, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. R.S.RAMASWAMY
(87) International Publication No	: NA	2)DR. G.VELUCHAMY
(61) Patent of Addition to Application Number	:NA	3)DR. T.ANANDAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present Invention discloses an economical process for the preparation of a safe and efficacious synergistic compound D5 for the management of Type II Diabetes. According to the present Invention, the herbal components namely Cassia auriculata, Cassia fstula, Syzygium cumini, Salada oblonga, Cyperus rotundus, Costus speciosus and Cinnamomum zeylanicum are purified in prescribed process, dried in sunshade, pulverised into Micro-fine powder and made into synergistic compound D5 in the form of Capsule, Tablet, Caplet, Granules, Powder, etc. (Or) in other neutra-ceutical form for the oral application in the management of Type II Diabetes and related disorders. According to this process, hepato-protective and safe formulation of D5 having high efficacy in the management of hyperglycaemia, and dyslipidaemia have been exemplified.

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

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : TWISTED DISPENSING CAP IN TWO PARTS WITH STORAGE CHAMBER.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F25D23/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GODUKA, BIBEK H Address of Applicant :HOUSE NO.10, WARD NO-34, 2ND FLOOR, GAYATRI RESIDENCY, N.P PATH, CHRISTIAN BASTI, P.O. DISPUR, GUWAHATI-781005, INDIA
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)GODUKA, BIBEK H
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to a twisted dispensing cap in two parts with storage chamber in which the upper part of the cap acts as a closure and has a knife which is used to cut the lower part of the cap which acts as a storage chamber. The storage chamber stores the ingredients to be mixed in a liquid to freshly prepare the desired mixture for consumption. This cap can be either sold with a container containing the liquid in which the ingredients are to be dispensed or can be sold separately, filled with the ingredients, which can be attached to and dispensed in any other container chosen by the consumer.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTERNET OF THINGS BASED ENVIRONMENT HEAT INDEX MEASUREMENT

(51) International classification(31) Priority Document No	:G01N25/20 :NA	(71)Name of Applicant : 1)Partha Pratim Ray
(32) Priority Date(33) Name of priority country	:NA :NA	Sikkim University, 6th Mile, PO Tadong, Gangtok, East Sikkim
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)Partha Pratim Ray
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ·NA	
 (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 	:NA :NA :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :Department of Computer Applications, Sikkim University, 6th Mile, PO Tadong, Gangtok, East Sikkim (72) Name of Inventor : 1) Partha Pratim Ray

(57) Abstract :

The invention is a device that measures the heat index from its dependent physical components of the environment. Heat index is human perceived equivalent temperature that tells how hot it feels to a person. A microcontroller module is the brain of this invention which is connected to internet through a wi-fi module comprising a display module, and a temperature-humidity sensor. Internet of things plays the most important role as the backbone of this invention. This invention incorporates the services of internet of things based cloud platform for measurement and monitoring of environment heat index in real time. A remote terminal connected to the internet can easily measure and monitor the status of current heat index from the cloud server of the target environment where this device is installed. Later, the user can analyze the stored data from the cloud for estimation of risk analysis and hazardous factors to health.

No. of Pages : 11 No. of Claims : 2
(19) INDIA

(22) Date of filing of Application :20/05/2015

(54) Title of the invention : METHOD FOR PREVENTING STALK AND EAR ROT DISEASE OF MAIZE

 (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 	:A01N43/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEKA, SURESH Address of Applicant :C/O INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY, AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI - 781 035, ASSAM, INDIA 2)BORAH, SIDDHARTHA NARAYAN (72)Name of Inventor : 1)DEKA, SURESH
Filing Date	:NA	2)BORAH, SIDDHARTHA NARAYAN

(57) Abstract :

A method for controlling phytopathogen Fusarium verticillioides for substantially preventing stalk and ear rot disease of maize comprising applying crude mono-rhamnolipid biosurfactant obtained from the bacterial strain Pseudomonas aeruginosa SS14, in concentrations varying between 50 μ g ml-1 and 200 μ g ml-1 by weight, for soaking seeds of maize prior to sowing for growing in field conditions of light, temperature and humidity for a suitable duration to substantially inhibit growth of phytopathogen Fusarium verticillioides, the causal organism responsible for stalk and ear rot disease of maize, thereby substantially preventing stalk and ear rot disease of maize. FIG 3

No. of Pages : 30 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AUTOMATED MANUFACTURING OF AGRICULTURAL IMPLEMENTS

(51) International classification	:B24B3/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Centurian University of Technology & Management
(32) Priority Date	:NA	(CUTM)
(33) Name of priority country	:NA	Address of Applicant :Centurian University of Technology &
(86) International Application No	:NA	Management (CUTM) HIG-5, Phase - 1, BDA Duplex Pokhariput,
Filing Date	:NA	Khurda District Bhubaneswar, ODISHA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Mir Sadit Ali
Filing Date	:NA	2)Aurobindo Sahu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of manufacturing agricultural implements on large scale. More specifically, the said method comprises of a computer aided process that collects and analyzes the required information and is also capable in designing appropriate model sketches. Further the process utilizes verification and scheduling device for verifying and scheduling the process for manufacturing of agricultural implement.

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

(19) INDIA

(22) Date of filing of Application :24/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN AUTOMATED MISSENARD INDEX MEASUREMENT SYSTEM

(51) International classification :G01D21/0	2 (71)Name of Applicant :
(31) Priority Document No :NA	1)Mr. Partha Pratim Ray
(32) Priority Date :NA	Address of Applicant :Department of Computer Applications,
(33) Name of priority country :NA	Sikkim University, 6th Mile, PO Tadong, Gangtok, East Sikkim,
(86) International Application No :NA	Sikkim, 737102
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)Mr. Partha Pratim Ray
(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 belongs to the field of measurement of comfort of livelihood. The invention presented herein is a device that automates the measurement of the missenard index from its dependent physical components of the environment. This invention comprises of a microcontroller module, a display unit, an alarming module, and a temperature-humidity sensor. Real time missenard index is shown on the display module. If the measured index is beyond of the comfort level a warning message appears on the display module. An alarming system also gets activated to notify about the probable discomfort. A computer can also be connected to the system to store and monitor the data. Further analysis could be performed over the stored data on the computer.

No. of Pages : 10 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :22/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPACT SOLAR POWERED WATER PUMPING SYSTEM (51) International classification :F04B17/00 (71)Name of Applicant : (31) Priority Document No 1)CENTURION UNIVERSITY OF TECHNOLOGY & :NA (32) Priority Date :NA MANAGEMENT (CUTM) (33) Name of priority country :NA Address of Applicant :HIG-5, Phase -1, BDA Duplex (86) International Application No :NA Pokhariput, Khurda Dt., Bhubaneswar Orissa (72)Name of Inventor: Filing Date :NA (87) International Publication No : NA 1)Shiv Sankar Das (61) Patent of Addition to Application Number :NA 2)Udaya Kumar Sahoo Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a compact solar powered water pumping system that comprises of, a moving means used for transportation from one location to another; plurality of solar panels mounted on the moving means; a foldable means provided in between the plurality of solar panels; and a pump used for pumping water, mounted on the moving means. Present invention relates to compact solar powered water pumping system which is mounted on the movable means. More specifically the direction of the solar panels can be adjusted to sunlight angle for optimum power generation of electric power that can be utilized for powering water pump. Further, the present invention offers an economic, easy to carry, portable mobile powering unit that can be carried form one place to other for powering water pumps.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENHANCEMENT OF THERMAL CONDUCTIVITY THROUGH BEST NANOPARTICLE AND LIQUID PAIRING

(51) International classification (31) Priority Document No.	:C09K5/00	(71)Name of Applicant : 1)Conturion University of Technology & Monogement
(32) Priority Date	:NA :NA	(CUTM)
(33) Name of priority country(86) International Application No	:NA :NA	Address of Applicant :HIG-5, Phase - 1, BDA Duplex Pokhariput, Khurda District Bhubaneswar, ODISHA - 751020
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor :1)Dr. Ashok Misra
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)Dr. Saroj Kumar Mishra 3)Dr. Pradeen Kumar Trinathy
(62) Divisional to Application Number Filing Date	:NA :NA	4)Dr. Damera Nageswara Rao
-		

(57) Abstract :

The present invention relates to a method of calculating thermal conductivity of the nano-fluids. More specifically, the method relates to measurement of the increased thermal conductivity of nano-fluids considering the thermal conductivities affected by appropriate parameters like radius, surface area, concentration, and the temperature of medium due to applied electric charge to the thermal conducting nano-fluid.

No. of Pages : 26 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :25/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR SUPERCRITICAL AND SUBCRITICAL FLUID CO2 EXTRACTION OF FRAGRANCES FROM CHAMPA FLOWERS

 (51) International classification :A61K8/4 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA (87) International Publication No :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA :NA 	 (71)Name of Applicant : (71)Name of Applicant : (1)CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (CUTM) Address of Applicant :HIG-5, Phase -1, BDA Duplex Pokhariput, Khurda Dt., Bhubaneswar Orissa (72)Name of Inventor : (72)Name of Inventor : (73)Shashikant Tewary
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(57) Abstract :

The present invention relates to a method of extracting useful compounds from selected species of plants. More specifically, the said method comprises delivering an extraction fluid from a delivery system to a heating means. Further, the method involves treating the plant species and the residual plant species with the extraction fluid in an extractor at the supercritical and sub-critical conditions respectively; separating and collecting the useful compounds in a first and second collecting means respectively thereby increasing the extraction rate of the useful compound.

No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : API-CRIEM : AN API BASED CLOUD PLATFORM SUPPORTED REAL TIME SMARTDEVICE FOR INDOOR ENVIRONMENT MONITORING WITH TRIGGERING MECHANISM

(51) International classification	:G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Partha Pratim Ray
(32) Priority Date	:NA	Address of Applicant :Department of Computer Applications,
(33) Name of priority country	:NA	Sikkim University, 6th Mile, PO Tadong, Gangtok, East Sikkim-
(86) International Application No	:NA	737102
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr. Partha Pratim Ray
(61) Patent of Addition to Application Number	:NA	2)Mr. Keshav Kumar Bishunkey
Filing Date	:NA	3)Mrs. Rebika Rai
(62) Divisional to Application Number	:NA	4)Mrs. Lekhika Chettri
Filing Date	:NA	5)Mrs. Chunnu Khawas

(57) Abstract :

The invention is a smart device that measures the physical components of the indoor environment using various sensors based on the relevant measuring factors that reports the criticality of the component. The measured components are thereby processed by the microcontroller by setting the threshold value. On the other hand, when the values of the component exceed the specified threshold, relay instructs the electrical components to turn ON/OFF. The real time captured data is displayed via the display device and also send to the API based cloud platforms which can be easily monitored as well as extracted forfurther analysis. By continuous measuring, monitoring and reporting the presence of the components in the indoor environment the probability of occurrence of mishap could reduce drastically since the captured values stored at the clouds is send to the concerned individualvia e-mail or call or SMS with the help ofcloud or GSM service respectively.

No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :31/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : IDENTIFICATION OF HYDROCARBON LOCALES OF AN UNEXPLORED BASIN USING SPACE INPUTS AND GIS

(51) International classification:G01V9/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT//Filing Date:01/01/190(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAString Date:NAString Date:NAString Date:NAString Date:NAString Date:NAString Date:NAString Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (1)CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (CUTM) Address of Applicant :HIG-5, Phase -1, BDA Duplex Pokhariput, Khurda Dt., Bhubaneswar (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor :
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(57) Abstract :

The present invention relates to a method of identification of natural resources or hydrocarbon locales from an unexplored basin. More specifically the present invention identifies geographic anomalies based on the state of generated thematic layers using geological information. Further, architectural information of the subsurface is also collected which generates a layout that can be used to identify the natural resources or hydrocarbon locales.

No. of Pages : 14 No. of Claims : 8

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.1039/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :16/04/2014	(43) Publication Date : 05/06/2015

(54) Title of the invention : DUAL TENTER CLIP AND TABLE ASSEMBLY AND TRANSVERSE SHEET STRETCHING PLANTS COMPRISING SAME

(51) International classification	:B29C55/20	(71)Name of Applicant :
(31) Priority Document No	:13 167	1)ANDRITZ AG
(51) Thomy Document No	973.0	Address of Applicant : of Stattegger Strae 18, A - 8045 Graz,
(32) Priority Date	:16/05/2013	AUSTRIA,
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)PIERRE, ROUSSAT
Filing Date	:NA	2)YANNICK, BEJAT
(87) 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 dual tenter clip and table assembly (10) for moving, by means of an endless chain (50) consisting of alternating pairs of first chain links (51) and pairs of second chain links (52) rotatably connected by means of pins (53) arranged in parallel to the plane of the rail (60) and perpendicular to the direction of the endless chainTMs movement, a polymer material web (100) on a stretching plant or stretching device for stretching said polymer material web (100) at least in a transverse direction (T), said assembly (10) comprising a main clip body (20) comprising a main clip body carriage (22) having a plurality of wheels (24a, 24b, 1.) moving the carriage (22) along a rail (60) by means of said endless chain (50) to which the carriage (22) of the main clip body (20) is fixed; said carriage (22) of the main clip body (20) further comprising a tenter table (26) onto which the polymer material web (100) to be stretched is fixed by a tenter clip (28); and said carriage (22) of the main clip body (20) being fixed to a first/an outer chain link (51) of the endless chain (50) by means of a vertical pin (29) positioned in parallel to the pins (53) connecting outer and inner chain links (51, 52) and passing through at least one structural part of the main clip body (20); and said assembly (10) further comprising a secondary clip body (30) comprising a secondary clip body carriage (32), said carriage (32) of the secondary clip body (30) further comprising a tenter table (36) onto which the polymer material web (100) to be stretched is fixed by a tenter clip (38); and said carriage (32) of the secondary clip body (30) being fixed to a second/an inner chain link (52) of the endless chain (50) by means of a vertical pin (39) positioned in parallel to the pins (53) connecting outer and inner chain links (51, 52) and passing through at least one structural part of the secondary clip body (30); wherein outer walls of said carriage (32) of the secondary clip body (30) on both sides opposite to outer walls of one or two adjacent main clip body carriage(s) (22) are shaped in a manner preventing a contact of said outer walls of the secondary clip body carriage (32) to said outer walls of one or two adjacent main clip body carriages (22). The invention also relates to a transverse sheet stretching plant comprising the above dual tenter clip and table assembly (10).

No. of Pages : 47 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR SIMULATING AN ELECTRODE WELDING PROCESS

(51) International classification	:B23K9/32	(71)Name of Applicant :
(31) Priority Document No	:A 50273/2013	1)Fronius International GmbH Address of Applicant :Froniusstrasse 1, 4643 Pettenbach,
(32) Priority Date	:22/04/2013	Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:NA	1)KREINDL Josef
Filing Date	:NA	2)HUMMELBRUNNER Andreas
(87) International Publication No	: NA	3)GRUBMAIR Harald
(61) Patent of Addition to Application Number	:NA	4)POELLHUBER Wolfgang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device (1) for simulating an electrode welding process having an electrode holder simulator (2) and a simulated electrode (3) arranged thereon, a simulated workpiece (4), an input device (6), an 10 output device (7) and a control device (10). For the ideal training of an electrode welding process under conditions as real as possible, the control device (10) is connected to a memory (11) for storing parameters (Pi) of an ideal motion of the electrode holder simulator (2) during an igni-15 tion process and is designed for detecting the parameters (P,) during an actual motion of the electrode holder simulator (2) and comparing them to the stored parameters (Pi) of the ideal motion of the electrode holder simulator during an ignition process and displaying the deviations between 20 the parameters (P,) of the actual motion and the parameters (PI) of the ideal rilotion in the output device (7).

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

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A MODULAR FERRITE SWITCH FOR CONSTRUCTING SWITCH NETWORKS

 (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 	:H01P1/38 :61/817,145 :29/04/2013 :U.S.A. :NA :NA : NA	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road, P. O. Box 2245, Morristown, N.J. 07962-2245, United States of America (72)Name of Inventor : 1)ADAM M. KROENING 2)JOSEPH TODD VAUGHN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Systems and methods for a modular ferrite switch for constructing switch networks are provided. In one implementation, a circulator redundancy network comprises multiple inputs; multiple outputs; and multiple circulator modules that connect the inputs to the outputs. A circulator module includes at least one module input connected to at least one input; at least one module output, where the number of module outputs equals the number of module inputs; multiple interconnection ports, configured to connect the circulator modules; and multiple circulators that route received signals between the at least one input, the at least one output, and the interconnection ports. Further, multiple interconnects connect the plurality of circulator modules to one another at the interconnection ports; and a circulator switch controller controls the direction of circulation for the plurality of circulators.

No. of Pages : 33 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

:B62D1/16	(71)Name of Applicant :
:2013- 097448	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
:07/05/2013	Hamamatsu-shi, Shizuoka-ken, JAPAN
:Japan	(72)Name of Inventor :
:NA	1)ATSUMI, Ryo
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:B62D1/16 :2013- 097448 :07/05/2013 :Japan :NA :NA :NA :NA :NA :NA :NA :NA

(54) Title of the invention : STRUCTURE OF STEERING SUPPORT MEMBER

(57) Abstract :

Abstract [Problem to be Solved] A member that joins a vehicle body and a steering support member is formed by two parts to enhance support rigidity of the steering support member, and efficiently and stably absorb energy of an external load upon collision. [Solution] In a structure of a steering support member 1 which is disposed in a vehicle width direction and which is joined to a vehicle body 3 on a vehicle front side through a join member 4, the join member 4 is formed by arranging a first reinforcement 5 that linearly extends from the vehicle body 3 toward a vehicle longitudinal direction and is joined to the steering support member 1 and a second reinforcement 6 which is fixed to the first reinforcement 5 at vehicle front and rear positions to overlap when seen from a vehicle top view, and fragile portions A1 and A2 that are provided to the first reinforcement 5 and include low rigidity in a vehicle width direction are provided with an interval in the vehicle longitudinal direction and between fixing points P1 and P2 with respect to the second reinforcement 6.

No. of Pages : 28 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :27/04/2014

(54) Title of the invention : INFLUX CHAMBER FOR A CATALYTIC CONVERTER OF AN EMISSION CONTROL SYSTEM

(51) International classification	:B01D53/34	(71)Name of Applicant :
	:DE 10	1)Eberspcher Exhaust Technology GmbH & Co. KG
(31) Priority Document No	2013 104	Address of Applicant :Homburger Strasse 95, 66539
	579.0	Neunkirchen, Germany
(32) Priority Date	:03/05/2013	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)VOGELS, Dirk
(86) International Application No	:NA	2)WANG, Kanqiu
Filing Date	:NA	3)SCHULZ, Achim
(87) International Publication No	: NA	4)GERLACH, Ralf
(61) Patent of Addition to Application Number	:NA	5)WOLF, Tobias
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An influx chamber (1) for a catalytic converter (2) comprising a body (3) having a side surface (31) and two front faces (32, 33) spaced apart from and opposite to each other, with the side face (31) und a first front face (32) being made from a material impermeable to exhaust gases (4), and a second front face (33) being permeable to exhaust gases (4). The side face (31) comprises an inlet opening (34) for reducing agent (5) loaded exhaust gases (4). The influx chamber (1) further comprises an inlet pipe (6) made from a material impermeable to exhaust gases (4) and penetrating the side face (31) of the body (3) in the region of the inlet opening (34). The longitudinal axis (LR) of the inlet pipe (6) is disposed in a plane perpendicular to the longitudinal axis (LG) of the body (3). The inlet pipe (6) for at least half of the diameter (DG) of the body (3), and in particular for the whole of the diameter (DG) of the body (3). The inlet pipe (6) has a baffle plate (61) at its end located inside the body (3) and adjacent to the baffle plate (61) a discharge opening (62) that opens a radial wall of the inlet pipe (6).

No. of Pages : 27 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING AN IGNITION ANGLE IN AN ENGINE CONTROL UNIT

(51) International classification:F02P5/153(31) Priority Document No:10 2013(32) Priority Date:10/04/2013(33) Name of priority country:Germany(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20, 70442 Stuttgart Germany (72)Name of Inventor : 1)BRONNER, Jean-Philippe 2)OTTUSCH, Frank 3)DUENNBIER, Olaf 4)ANGERMAIER, Stefan
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(57) Abstract :

The present subject matter relates to a method for determining an ignition time interval (ZWfinal) to operate a non-self igniting internal combustion engine (2), wherein the ignition time interval (ZWfinal) is determined using at least one database model depending on a plurality of input variables (rI, n, V1, V2, V3).

No. of Pages : 15 No. of Claims : 13

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH THROUGHPUT MEMBRANE WITH ROUGH SURFACE .

(51) International classification(31) Priority Document No(32) Priority Date	:B01D67/00 :13/894,122 :14/05/2013	 (71)Name of Applicant : 1)PALL CORPORATION Address of Applicant :of 25 Harbor Park Drive, Port
(33) Name of priority country(86) International Application No	:U.S.A. :NA	Washington, New York 11050, UNITED STATES OF AMERICA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No (61) Patent of Addition to Application Number	: NA ·NA	1)HAN, BINBING 2)LIANG, XUEMEI
Filing Date	:NA	3)MORRIS, RICHARD ALAN
(62) Divisional to Application Number Filing Date	:NA :NA	4)SIMONTON, DONALD CARL

(57) Abstract :

Membranes having a single layer comprising first and second porous portions, wherein the first portion has a more open pore structure than the second portion, wherein the first porous portion includes a surface prepared by removing introduced particles, as well as methods of making and using the membranes, are disclosed

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OPERATING A MOTOR VEHICLE WITH A MANUAL CLUTCH ARRANGEMENT

(57) Abstract :

The present subject matter relates to a method of operating a motor vehicle comprising a manual clutch assembly (2), which is adapted to transfer a force applied by a driver on a clutch actuating element (14) to a clutch (25) by means of a fluid, wherein a valve (26) is disposed in a fluid line (23), which connects the clutch actuating element (14) with the clutch (25).

No. of Pages : 12 No. of Claims : 10

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR GESTURE CONTROL

(51) International classification	:G09G5/08	(71)Name of Applicant :
(31) Priority Document No	:DE102013007250.6	1)PANTEL, LOTHAR
(32) Priority Date	:26/04/2013	Address of Applicant :SAARSTR. 73, 69151
(33) Name of priority country	:Germany	NECKARGEMUND GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PANTEL, LOTHAR
(87) 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 method for gesture-based control of a portable, electronic device (1) with a touchscreen (2). Novel gestures are introduced which are compatible with conventional touchscreen gestures and can be used simultaneously. Contrary to custom, the user holds the finger (101) or any other input object in a steady manner and moves, displaces, or rotates the electronic device (1) below the unmoved finger (101) or input object. In one embodiment, the user moves a smartphone (1) or a smartwatch toward or away from the unmoved finger (101) to establish or terminate contact with the touchscreen (2). In another embodiment, the user drags or rotates the smartphone (1) below the unmoved finger (101). An acceleration sensor and/or a gyroscope are used for capturing the movements of the electronic device (1).

No. of Pages : 86 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : YARN SPLICING DEVICE, WINDING UNIT, TEXTILE MACHINE AND YARN SPLICING METHOD

(51) International classification	:B65H69/06	(71)Name of Applicant :
(31) Priority Document No	:2013- 119108	1)MURATA MACHINERY, LTD. Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:05/06/2013	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Akira SAWADA
Filing Date	:NA	
(87) 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 yarn splicing device 10 includes a first gripping section 60A adapted to grip a yarn end YA, a first cutting section 70A adapted to cut the yarn end YA, a first untwisting section 40A adapted to introduce the yarn end 10 YA that has been cut thereto and to untwist the yarn end YA, a second gripping section 60B adapted to grip a yarn endYB, a second cutting section 70B adaptedto cut the yarn endYB, a second on t w i s t i n g s e c t i o n 4 0 B a d a p t e d t o i n t r o d u c e the yarn end YB that has been cut thereto and to untwist 15 the yarn end YB, an adjusting section 45 adapted to adjust a distance between a first cutting position 79A and a first introducing position 49A, and a distance between a second cutting position 79B and a second introducing position 49B to adjust a length of the yarn end YA to be introduced to 20 the first untwisting section 40A and a length of the yarn end YB to be introduced to the second untwisting section 40B, and a yarn splicing section 50 adapted to twist the yarn end YA and the yarn end YB together that have been untwisted. 2 5

No. of Pages : 41 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE :F02M1/00 (71)Name of Applicant : (51) International classification :2013-1)Suzuki Motor Corporation (31) Priority Document No 088027 Address of Applicant :300, Takatsuka-cho, Minami-ku, :19/04/2013 Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (32) Priority Date (72)Name of Inventor: (33) Name of priority country :Japan 1)YAMOTO, Norihiro (86) International Application No :NA Filing Date :NA 2)YASUDA, Tomonori (87) International Publication No : NA 3)MOTOYAMA, Katsunori (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

There is provided a control device for an internal combustion engine. An electricity generator is configured to be driven by the internal combustion engine. A battery is configured to store electricity generated by the electricity generator. A discharge amount detection section is configured to detect a discharge amount of the battery. An automatic stop control section is configured to automatically stop the internal combustion engine when the discharge amount is a first setting value or less. A continuous discharge amount detection section is configured to detect a continuous discharge amount of the battery based on the discharge amount. An automatic stop prohibition section is configured to prohibit an automatic stop when the continuous discharge amount is a second setting value or more, which is lower than the first setting value.

No. of Pages : 13 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM FOR TRANSFER OF FUEL ELEMENTS :G21C19/10 (71)Name of Applicant : (51) International classification 1)SIEMPELKAMP NUKLEARTECHNIK GMBH :10 2013 (31) Priority Document No Address of Applicant :Siempelkampstrasse 45, 47803 Krefeld, 104 765.3 (32) Priority Date :08/05/2013 Germany (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application No :NA 1)CHRISTIAN JURIANZ Filing Date :NA **2)STEFAN BAUER** (87) International Publication No : NA **3)STEFAN OLIVER STECK** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A transfer system (6) for transfer of fuel elements (5) between an upper pool (3) and a lower pool (4) of a nuclear plant, particularly an upper pool in a reactor building (1) and a lower pool of a fuel-element storage unit (2), comprising a conveyor tube (11) connecting the upper and the lower pool (3, 4) and extending at an acute angle to the vertical, one or more transport baskets (12) into each of which at least one of the fuel elements (5) can be placed for transport through the conveyor tube (11), an upper transfer device (21) in the upper pool (3) for loading the fuel elements (5) into and/or unloading them from the transport baskets (12), and/or a lower transfer device (22) in the lower pool for loading the fuel elements (1) into and/or unloading them from the transport baskets (11). Two transport baskets (12) can be set into the upper transfer device (21) and/or into the lower transfer device (22), the baskets being displaceable for positioning above or below the conveyor tube (11), and during displacement being pivotable, preferably automatically, between a vertical transfer position and an angled transport position.

No. of Pages : 34 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING CRUDE OIL			
(51) International classification	:C10G31/09	(71)Name of Applicant :	
(31) Priority Document No	:13/873,865	1)PALL CORPORATION	
(32) Priority Date	:30/04/2013	Address of Applicant : of 25 Harbor Park Drive, Port	
(33) Name of priority country	:U.S.A.	Washington, New York 11050, UNITED STATES OF	
(86) International Application No	:NA	AMERICA	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)METCALFE, ALLAN DAVID	
(61) Patent of Addition to Application Number	:NA	2)LEVESQUE, FRANCOIS	
Filing Date	:NA	3)LAKHANI, HANIF M.	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Methods and systems for processing crude oil may include adding water to crude oil, for example, in a desalter, to produce hydrocarbon and brine and a rag layer emulsion, which may include hydrocarbon and brine and solids. The emulsion may be modified, including adding one or more of additional hydrocarbon and, a demulsifier, a reverse demulsifier, a coagulant, and a flocculant, for example, in a mixer. The modified emulsion may be directed through a dead-end filter assembly to remove solids.

No. of Pages : 28 No. of Claims : 10

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS FOR CLOSING A COMPARTMENT, IN PARTICULAR A STOWAGE COMPARTMENT IN A VEHICLE

(51) International classification	:B64C1/22	(71)Name of Applicant :
(31) Priority Document No	:10 2013 104 772.6	1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft Address of Applicant :Porscheplatz 1, 70435 Stuttgart
(32) Priority Date	:08/05/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)BRNING, Thomas
Filing Date	:NA	
(87) 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 an apparatus for closing a compartment, in particular a stowage compartment in a vehicle, having a flap-like lid (1) which can be pivoted about a pivot axis (2) out of a position which closes the compartment substantially under the effect of gravity under the action of a damping mechanism (3; 4) into an open position, guide elements (3) which interact with the damping mechanism (3; 4) which is arranged in the side region of the compartment to be closed being provided on the flap-like lid (1), which guide elements (3) interact during the opening operation in a sliding/braking manner with the damping mechanism which consists of at least one leaf spring (4) which is curved multiple times.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH THROUGHPUT MEMBRANE \Box .		
(51) International classification	:B01D67/00	(71)Name of Applicant :
(31) Priority Document No	:13/894,018	1)PALL CORPORATION
(32) Priority Date	:14/05/2013	Address of Applicant : of 25 Harbor Park Drive, Port
(33) Name of priority country	:U.S.A.	Washington, New York 11050, UNITED STATES OF
(86) International Application No	:NA	AMERICA,
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LIANG, XUEMEI
(61) Patent of Addition to Application Number	:NA	2)HAN, BINBING
Filing Date	:NA	3)MORRIS, RICHARD ALAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Membranes having first and second porous portions, wherein the first portion has a more open pore structure than the second portion, wherein the first porous portion includes pores prepared by removing introduced particles, as well as methods of making and using the membranes, are disclosed.

No. of Pages : 34 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/04/2014

(54) Title of the invention : AIR CLEANER UNIT OF SCOOTER-TYPE VEHICLE :B62M7/00 (71)Name of Applicant : (51) International classification 1)SUZUKI MOTOR CORPORATION :2013-(31) Priority Document No Address of Applicant :300, Takatsuka-Cho, Minami-Ku, 099207 :09/05/2013 Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan (32) Priority Date (72)Name of Inventor: (33) Name of priority country :Japan (86) International Application No :NA 1)FUKUI Akihito Filing Date :NA (87) 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 cleaner unit of a scooter-type vehicle includes: an air cleaner mounted on an upper surface of an engine unit which is swingably supported by a vehicle body frame, the air cleaner including a cleaner case and a cleaner cap and divided into a clean side chamber formed on the cleaner case side on an inner side in a vehicle body width direction and a dirty side chamber formed on the cleaner cap side on an outer side in the vehicle body width direction; a partition wall disposed at a joint portion between the cleaner case and the cleaner cap so as to divide an inner space of the air cleaner into the clean side chamber and the dirty side chamber in a vehicle longitudinal direction; a cleaner inlet port provided in a side surface on the inner side of the cleaner case; and a guide pipe which connects the cleaner inlet port to the dirty side chamber, the guide pipe being integrally formed with the cleaner case crossing the clean side chamber in the vehicle body width direction.

No. of Pages : 29 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANALYTE METER TEST STRIP DETECTION (51) International classification :G01N27/30 (71)Name of Applicant : 1)LIFESCAN SCOTLAND LIMITED (31) Priority Document No :13/874,144 (32) Priority Date :30/04/2013 Address of Applicant :Beechwood Park North, Inverness, (33) Name of priority country Inverness-shire, IV2 3ED, United Kingdom :U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)BRIAN GUTHRIE** (87) International Publication No : NA **2)MALCOLM HAMER** (61) Patent of Addition to Application Number :NA **3)YESWANTH GADDE** Filing Date :NA **4)ALEXANDER STRACHAN** (62) Divisional to Application Number :NA **5)TOMMASO BORGHI** Filing Date :NA **6)STUART ROBB**

(57) Abstract :

An analyte meter having a test strip port is configured to detect whether an approved test strip has been inserted into the test strip port before turning on analyte measurement subsystems in the analyte meter. After the meter is turned on, control circuitry in the meter continues to monitor whether the test strip is removed prior to application of a blood sample on the test strip or whether the test strip is removed after application of a blood sample on the test strip, such as during an assay of the sample.

No. of Pages : 32 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NITROCARBURIZED CRANKSHAFT AND METHOD OF MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C23C8/32 :2013- 096377 :01/05/2013 :Japan :NA	 (71)Name of Applicant : 1)DAIDO STEEL CO., LTD. Address of Applicant :1-10, Higashisakura 1-chome, Higashi- ku, Nagoya, Aichi, Japan. 2)HONDA MOTOR CO., LTD. (72)Name of Inventor : 1)Uirchi MASUDA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)Hideki MATSUDA 3)Ayumi YAMAZAKI 4)Shinichiro KATO 5)Takahiro MIYAZAKI

(57) Abstract :

The present invention provides a method of manufacturing a nitrocarburized crankshaft which is obtained by subjecting a bainitic microalloyed steel to a forging and 5 a machining, and further subjecting the bainitic microalloyed steel to at least a strain releasing heat treatment and a subsequent nitrocarburizing treatment, the bainitic microalloyed steel containing, as essentially added elements, in terms of mass%: 0.10% to 0.40% of C; 0.10% to 1 .0% of Si; 1 .0% to 2.0% of Mn; 0.05% to 0.40% of Mo; and 0.05% to 0.40% of V, and the bainitic microalloyed steel optionally further containing, 10 as arbitrarily added elements, in terms of mass%: 0.01% to 0.1% of S; 0.005% to 0.2% of Ti; 0.001% to 0.03% of Al; 0.50% or less of Cr; 0.5% or less of Cu; and 0.5% or less of Ni, with the balance being Fe and unavoidable impurities.

No. of Pages : 38 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOTORCYCLE

(51) International classification :B6	362H1/12 (71)Name of Applicant :
(31) Priority Document No :202 117	1)Suzuki Motor Corporation17971Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date :04/	4/06/2013 Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country :Jap	apan (72)Name of Inventor :
(86) International Application No :NA	VA 1)IWATA, Daisuke
Filing Date :NA	JA
(87) International Publication No : NA	NA
(61) Patent of Addition to Application Number :NA	JA
Filing Date :NA	JA
(62) Divisional to Application Number :NA	JA
Filing Date :NA	JA

(57) Abstract :

A bridge is laid between rear end parts of right and left seat rails. The bridge has a flat part positioned above the seat rails and right and left side parts extended downward from right and left ends of the flat part and joined to the right and left seat rails, respectively. Further, at a position below the bridge, a sub-bridge being a separate body from the bridge, is laid between the rear end parts of the right and left seat rails. A rear part of a fuel tank enters a position below the flat part of the bridge, and is supported in a manner that a flange is mounted on attachment brackets on an upper surface of the sub-bridge.

No. of Pages : 25 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PARTICLE ANALYSIS APPARATUS AND PRODUCTION METHOD THEREOF		
(51) International classification	:G01R29/027	(71)Name of Applicant :
(31) Priority Document No	:089380/2013	1)HORIBA, Ltd.
(32) Priority Date	:22/04/2013	Address of Applicant :2, Miyanohigashi, Kisshoin, Minami-
(33) Name of priority country	:Japan	ku, Kyoto-shi, Kyoto 601-8510, Japan
(86) International Application No	:NĀ	(72)Name of Inventor :
Filing Date	:NA	1)MIYAMURA, Kazuhiro
(87) International Publication No	: NA	2)UKON, Juichiroh
(61) Patent of Addition to Application Numbe	r :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus including a flow cell part 1 having a flow channel 11 where the sample solution containing the particles to be analyzed flows; a light irradiation device 2 for irradiating an irradiation light L1 as a beam light L2 to a light irradiation point in the flow channel; and a light receiving device for detecting the light L3 resulting from the irradiation of the beam light L1 to the light irradiation point. The light irradiation device 2 has a light source device Ls and a beam-light-forming-film 21 composed of an opaque film 22 and a light transmitting hole 23 formed in the film 22. Using the light transmitting hole 23, the cross sectional shape of the irradiation light L1 is changed to that of the beam light L2, whereby optical apparatuses such as lens and the like on the irradiation side are omitted.

No. of Pages : 42 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTROSTATIC PRECIPITATION APPARATUS FOR ROOM VENTILATION AND VENTILATION SYSTEM INCORPORATING SAME

(51) International classification:B03C3/(31) Priority Document No:2013-(32) Priority Date:21/05/20(33) Name of priority country:Japan(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)TORNEX INC. Address of Applicant :6-6 Nihonbashi-Kobunacho Chuo-ku (72)Name of Inventor : 1)KOUSAKU URATA 2)TAKESHI KASAHARA
Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

An electrostatic precipitation apparatus for room ventilation is provided for enabling a stable particle collection efficiency to be maintained for a long period, resuming the formation of a normal electric field by applying an appropriate voltage at all times to continue a particle collecting action even after either an anomalous discharge due to humidity or the like from which the apparatus can be naturally recovered or an anomalous discharge from which the apparatus cannot be naturally recovered, to reduce the frequency of maintenance. A ventilation system incorporating the apparatus is also provided. Solution An electrostatic precipitation unit 2 comprises an ionization section 3, a particle collection section 4, and a power supply 5 associated with these units. The electrostatic precipitation apparatus comprises a constant-current control unit 6 for supplying the ionization section 3 with a constant current, a sensing unit 7 for sensing a voltage value and current value applied to the particle collection section 4 at all times, a voltage step control unit 8 for issuing a command to change the predetermined voltage up and down to such a level which does not cause an anomalous discharge in response to an anomalous discharge which can give rise to sudden fluctuations in the applied voltage value and current value or continued fluctuations within a certain range, and a voltage changing unit 9 for changing the predetermined voltage in response to a voltage change command. Upon occurrence of an anomalous discharge, the power supply 5 is once shut off, and then, the voltage changing unit 9 changes the predetermined voltage to allow the particle collection section 4 to continue a particle collecting action. When the particle collecting action continues for a predefined time, the predetermined voltage is increased to continue the particle collecting action. The foregoing object is achieved in this way.

No. of Pages : 31 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ARMATURE WINDINGS OF ROTATING ELECTRICAL MACHINES

		(71)Name of Applicant :
(51) International classification	:G11B19/20	1)KABUSHIKI KAISHA TOSHIBA
(21) Drievite De coment Ne	:2013-	Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(31) Priority Document No	100438	Tokyo 105-8001, Japan
(32) Priority Date	:10/05/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)Kadek Fendy Sutrisna
(86) International Application No	:NĀ	2)Hiroaki Ishizuka
Filing Date	:NA	3)Masashi Okubo
(87) International Publication No	: NA	4)Toshiyuki Aso
(61) Patent of Addition to Application Number	:NA	5)Takashi Ueda
Filing Date	:NA	6)Kazuma Tsujikawa
(62) Divisional to Application Number	:NA	7)Hideyuki Hachiya
Filing Date	:NA	8)Daisuke Hiramatsu
-		9)Toro Otaka

(57) Abstract :

According to one embodiment, there is provided armature windings of a rotating electrical machine, in which a 3-phase winding of two layers including upper and lower layers is constituted of phase belts having an electrical phase difference of 60° in between, pairs of upper coil pieces and lower coil pieces are contained in slots, the number of slots per pole per phase includes a fractional number, and a denominator thereof is an integral number greater than or equal to 4, wherein coil arrangement is carried out such that at least one coil piece in either of the upper or lower coil pieces included in two layers of upper and lower layers in one phase belt is replaced with a coil piece of an adjacent different phase.

No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BATTERY CHARGE/DISCHARGE CONTROL APPARATUS :H02J7/00 (71)Name of Applicant : (51) International classification 1)Suzuki Motor Corporation :2013-(31) Priority Document No Address of Applicant :300, Takatsuka-cho, Minami-ku, 082879 :11/04/2013 Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (32) Priority Date (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :NA 1)BITO, Seiji Filing Date :NA (87) 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 battery charge/discharge control apparatus for controlling charge/discharge of a battery in a vehicle as defined herein, includes: a battery control portion which is provided for controlling charge/discharge of the battery; a vehicle control portion which controls the inverter and the engine and controls the charge/discharge of the battery based on information from the battery control portion; a failure determination portion which determines whether there is a failure in the battery control portion or not; and an inverter driving state detection portion which detects a driving state of the inverter; wherein: the vehicle control portion controls the charge/discharge of the battery based on the driving state of the inverter detected by the inverter driving state detection portion when the failure determination portion determines that there is a failure in the battery control portion.

No. of Pages : 47 No. of Claims : 6

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DISTRIBUTION STRIP

(51) International classification	:B01D3/28	(71)Name of Applicant :
(31) Priority Document No	:13 168 708.9	1)KNRR GMBH
(32) Priority Date	:22/05/2013	Address of Applicant : Mariakirchener Str. 38, 94424 Arnstorf,
(33) Name of priority country	:EUROPEAN	Germany
	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)JOSEF FEIGL
Filing Date	:NA	2)CHRISTIAN STEPPUTAT
(87) 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 distribution strip for distributing electrical energy for equip-ment, device and / or server cabinets, wherein the inner chamber is defined by an upper, lower, two lateral side faces and two end faces. A feed cable is provided on one of the end faces. An end face forms, with a side face, an inner angle of greater than 105° .

No. of Pages : 21 No. of Claims : 15

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STEAM VALVE APPARATUS		
(51) International classification	:F01B25/06	(71)Name of Applicant :
(31) Priority Document No :2013- 094359	:2013-	1)KABUSHIKI KAISHA TOSHIBA
	094359	Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date	:26/04/2013	Tokyo 105-8001, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Daisuke Ito
Filing Date	:NA	2)Tomoharu Tamaoki
(87) International Publication No	: NA	3)Osamu Shindo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one embodiment, there is provided a steam valve apparatus including a main throttle valve, 5 a steam control valve arranged on a downstream side of the main throttle valve, and an intermediate flow-channel part which connects the main throttle valve and the steam control valve. The intermediate flow-channel part is a circular pipe flow channel forming a circular 10 arcuate shape so as to change a flow of steam, which has flowed out of the main throttle valve, from a perpendicular direction into a direction of flowing out into the inlet part. An outlet part is open upward, and a valve rod penetrates a lower part of a casing 15 downward.

No. of Pages : 36 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MODULAR EXCITATION SYSTEM		
(51) International classification	:G01R27/26	(71)Name of Applicant :
(31) Priority Document No	:13169080.2	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:24/05/2013	Address of Applicant : BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EPO	BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HOBELSBERGER, MAXIMILIAN
(87) International Publication No	: NA	2)QUADRANTI, MARKUS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An excitation device for high-energy tests of stator cores (5) of electric generators or motors, the excitation device comprises one or more excitation modules, each excitation module comprises an excitation winding (1-4) and a power supply (10- 13) and is configured to drive an excitation current through the excitation winding (1-4), the excitation current through each excitation winding (1-4) contributing to the overall excitation of the stator core (5), wherein an excitation module further comprises a capacitor (6-9), and the power supply (10-13) of said excitation module acts as current source at its output.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

 (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 	:H02K 13/00 :10 2009 037 052.8 :13/08/2009 :Germany :PCT/EP2010/061569 :10/08/2010 :WO 2011/018438 :NA :NA	 (71)Name of Applicant : 1)ALSTOM HYDRO FRANCE Address of Applicant :3, AVENUE ANDRE MALRAUX, 92300 LEVALLOIS-PERRET, FRANCE (72)Name of Inventor : 1)ALEXANDER SCHWERY 2)NAOKI RICARDO OKAI 3)STEFAN BAUMEISTER
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SLIP-RING ARRANGEMENT FOR A ROTATING ELECTRICAL MACHINE

(57) Abstract :

The invention relates to a slip-ring arrangement (30) for a rotating electrical machine, which slip-ring arrangement (30) comprises a plurality of slip-rings (18) which are arranged concentrically with respect to the machine axis and one behind the other in the axial direction. A simplified, weight-saving design which is suitable for particularly effective cooling is achieved by the slip-ring arrangement (30) being designed to be self-supporting.

No. of Pages : 19 No. of Claims : 11

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BOROSILICATE GLASS HAVING IMPROVED HYDROLYTIC RESISTANCE FOR PREFERRED USE IN THE PHARMACEUTICAL SECTOR

(51) International classification :C03C4	/20 (71)Name of Applicant :
(31) Priority Document No :10 201 207 634	31)Schott AG4.7Address of Applicant :Hattenbergstrae 10, 55122 Mainz (DE)
(32) Priority Date :26/04/2	2013 Germany
(33) Name of priority country :Germa	ny (72)Name of Inventor :
(86) International Application No :NA	1)KASS, Christof
Filing Date :NA	2)NA, Peter
(87) International Publication No : NA	3)TRATZKY, Stephan
(61) Patent of Addition to Application Number :NA	4)EICHHOLZ, Rainer
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to a borosilicate glass, preferably for use in the pharmaceutical sector, which has the following composition in % by weight or consists thereof: SiO2 71 - 77 B2O3 9 - 12 A12O3 5.5 - 8 Na2O 6 - 8 K2O 0.1 - 0.9 Li2O 0 - 0.3 CaO 0 - 1.5 BaO 0 - 1 F 0 - 0.3 Cl- 0 - 0.3 MgO+CaO+BaO+SrO 0 - 2. The borosilicate glasses according to the invention are outstandingly suitable for the use as pharmaceutical primary packaging means, such as phials or ampoules, since the aqueous or water-containing medicaments kept in the containers do not attack the glass significantly, and so the glass releases no, or only few, ions.

No. of Pages : 34 No. of Claims : 16
(19) INDIA

(22) Date of filing of Application :05/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS FLOWMETER AND EXHAUST GAS ANALYZING SYSTEM

(51) International classification	:F01N13/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 104434	1)HORIBA, Ltd. Address of Applicant :2, Miyanohigashi-cho, Kisshoin,
(32) Priority Date	:16/05/2013	Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSHIMURA, Tomoshi
Filing Date	:NA	
(87) 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 order to accurately measure the concentration of a target component contained in exhaust gas before dilution to improve accuracy of exhaust gas flow rate measurement by a tracer method, the present invention is adapted to be provided with: a first sampling line for sampling raw exhaust gas; a first concentration measuring part that measures the concentration of the predetermined target component contained in the raw exhaust gas; a second sampling line for sampling diluted exhaust gas; a second concentration measuring part that measures the concentration of the target component contained in the diluted exhaust gas; and an arithmetic unit that, with use of first measured concentration, second measured concentration, and a diluted exhaust gas flow rate, calculates a raw exhaust gas flow rate, wherein in a state where the first sampling line and the first concentration measuring part are heated, the first concentration measuring part measures the concentration of the target component contained in the raw exhaust gas.

No. of Pages : 28 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :05/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CANISTER ARRANGEMENT STRUCTURE OF MOTORCYCLE

(51) International classification	:F02M25/08 :2013-	(71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION
(32) Priority Date	105717 :20/05/2013	Address of Applicant :300, Takatsuka-Cho, Minami-Ku, Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NISHIGUCHI Masaki
Filing Date	:NA	
(87) 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 motorcycle is provided with a vehicle body frame including a pair of left and right main frames and a pair of left and right seat rails disposed on the rear sides of the pair of left and right main frames, and the motorcycle is also provided with a canister for collecting evaporated fuel in a fuel tank supported by the main frames, the canister being arranged in an intermediate area in a width direction of the pair of left and right seat rails.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH STRENGTH ULTRA-HIGH MOLECULAR WEIGHT POLYTHYLENE TAPE ARTICLES

 (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 	:B29D 7/01 :12/539,185 :11/08/2009 :U.S.A. :PCT/US2010/043634 :29/07/2010 :WO 2011/019512	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF AMERICA (72)Name of Inventor : 1)THOMAS TAM 2)MARK DENIAMIN BOONE
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)MARK BENJAMIN BOONE 3)ASHOK BHATNAGAR 4)STEVEN CORREALE

(57) Abstract :

Processes for the production of high strength polyethylene tape articles from high strength ultra-high molecular weight multi-filament yarns, and to the tape articles, fabrics, laminates and impact resistant materials made therefrom.

No. of Pages : 32 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TAP		
 (54) Title of the invention : TAP (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 	:B65D 33/38 :12/460,126 :14/07/2009 :U.S.A. :PCT/US2010/041934 :14/07/2010 :WO 2011/008829 :NA	(71)Name of Applicant : 1)SCHOLLE CORPORATION Address of Applicant :19520 JAMBOREE ROAD, IRVINE, CALIFORNIA 92612-2457, UNITED STATES OF AMERICA (72)Name of Inventor : 1)BELLMORE, DAVID
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number	:NA ·NA	
Thing Date	.11/1	

(57) Abstract :

A tap for use in association with bag in box containers comprising a body, a plug member, an upper seal assembly and a lower seal assembly. The body includes a tap nozzle in the form of an elongated tube having an inner surface and an outer surface, a handle opening at a first end and a dispensing opening at the second end. A nozzle opening extends into the elongated tube between the first and second ends and is placeable in fluid communication with a bag of a bag in box container. The plug member is structurally configured to fit and slidably move within the elongated tube of the body such that the outer surface of the plug member faces the inner surface of the elongated tube. In the open orientation, the nozzle opening is in fluid communication with the dispensing opening. In the closed orientation, the nozzle opening is precluded from fluid communication with the dispensing opening. The upper seal assembly includes an upper seal surface region and an upper seal bead positioned between the nozzle opening and the handle opening of the body. The upper seal assembly maintains continuous sealing engagement between the closed orientation and the open orientation of the tap.

No. of Pages : 25 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:F28C3/06	(71)Name of Applicant :
(31) Priority Document No	:201320179701.7	1)HAMON THERMAL EUROPE
(32) Priority Date	:11/04/2013	Address of Applicant : Axisparc Rue Emile Francqui 2 MONT-
(33) Name of priority country	:China	SAINT-GUIBERT 1435 Belgium
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOUTON, Franz
(87) International Publication No	: NA	2)DENES, Peter
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMPROVED INDIRECT COOLING SYSTEM FOR A POWER PLANT

(57) Abstract :

The indirect cooling system comprises at least one heat exchanger (32) for exchanging heat between a first heat transfer fluid and a second heat transfer fluid, wherein said heat exchanger (32) is intended to be arranged in a flow of the second heat transfer fluid. Said heat exchanger (32) comprises at least one tube (36) delimiting an inner space (38) wherein the first heat transfer fluid is intended to circulate, and having a peripheral outer surface (40), and a plurality of fins (46), fastened onto the peripheral outer surface (40) of the tube (36). The tube (36) is made of aluminium, each fin (46) is made of aluminium, and each fin (46) is fastened onto the peripheral outer surface (40) of the tube (36) by brazing.

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

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTIPLE BATTERY PACK AND OPERATING METHOD THEREOF

(51) International classification	·G01R31/36	(71)Name of Applicant •
(51) International elassification	·10-2013-	1)SAMSUNG SDI CO LTD
(31) Priority Document No	0043753	Address of Applicant :150-20. Gongse-ro. Giheung-gu.
(32) Priority Date	:19/04/2013	Yongin-si, Gyeonggi-do, Korea Republic of Korea
(33) Name of priority country	:Republic	(72)Name of Inventor :
(55) Name of priority country	of Korea	1)JAE-SUNG GU
(86) International Application No	:NA	2)EUI-HWAN SONG
Filing Date	:NA	3)JI-HONG LIM
(87) International Publication No	: NA	4)SEOK-GYUN WOO
(61) Patent of Addition to Application Number	:NA	5)WOON-SUN RHEU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lithium battery system includes a first battery pack including a plurality of first battery cells connected in series. The first battery pack is configured to be connected in parallel to an alternator and a second battery pack, and has a lower capacity than the second battery pack. A negative electrode of each of the first battery cells includes a negative electrode active material. The negative electrode active material includes a carbon-based material having an interlayer spacing of a (002) plane of 0.34 nm to 0.50 nm in X-ray diffraction measurement using copper (Cu) Ka lines.

No. of Pages : 40 No. of Claims : 20

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : FUEL-ADDITIVE SUPPLYING APPARATUS FOR SUPPLYING A FUEL-ADDITIVE TO AN ENGINE

(51) International classification	:F02M25/00	(71)Name of Applicant :
(31) Priority Document No	:102207230	1)SHIANLIN FROZEN FOODS PROCESSING PLANT
(32) Priority Date	:19/04/2013	CO., LTD.
(33) Name of priority country	:Taiwan	Address of Applicant :7TH FLOOR, NO. 90, CHIEN KUO
(86) International Application No	:NA	1ST RD., LIN YA DISTRICT, KAOHSIUNG, TAIWAN,
Filing Date	:NA	POSTAL CODE: 80250 Taiwan
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHEN, HANN-KUANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel-additive supplying apparatus includes: a container (2) having an upper part (20a) formed with a vapor through-hole (221); a vapor-confining conduit (24) extending in the container (2) from the upper part (20a); an elongate heater (31) mounted to and extending in the container (2) from the upper part (20a); and a heater controller (4) connected electrically to the elongate heater (31). The vapor-confining conduit (24) is spaced apart from and surrounds the elongate heater (31) and a bottom end (2213) of the vapor through-hole (221), so that a fuel-additive vapor generated in the vapor-confining conduit (24) may be introduced into an intake manifold (12) of an engine (1) through the vapor through-hole (221).

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FUNCTIONAL EXPRESSION OF YEAST NITRATE TRANSPORTER (YNT1) IN MAIZE TO IMPROVE NITRATE UPTAKE

 (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 	:C12N 9/02 :61/235,568 :20/08/2009 :U.S.A. :PCT/US2010/046105 :20/08/2010 :WO 2011/022608 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PIONEER HI-BRED INTERNATIONAL, INC. Address of Applicant :7250 N.W. 62ND AVENUE, P.O. BOX 1014, JOHNSTON, IA 50131-1014 U.S.A. (72)Name of Inventor : 1)LOUSSAERT DALE F. 2)WANG HAIYIN
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(57) Abstract :

The present invention provides methods and compositions relating to altering NT activity, nitrogen utilization and/or uptake in plants. The invention relates to a method for the production of plants with maintained or increased yield under low or normal nitrogen fertility. The invention provides isolated nitrate transporter (NT) nucleic acids and their encoded proteins. The invention further provides recombinant expression cassettes, host cells, and transgenic plants. Plants transformed with nucleotide sequences encoding the NT enzyme show improved properties, for example, increased yield.

No. of Pages : 120 No. of Claims : 80

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FORMULATIONS AND METHODS EMPLOYING ANHYDROUS DISINFECTANT

51) International classification:A01N 55/0631) Priority Document No:61/233,42432) Priority Date:12/08/200933) Name of priority country:U.S.A.86) International Application No:PCT/US2010/04536Filing Date:12/08/2010(61) Patent of Addition to Application:WO 2011/019951(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKong Call:NAFiling Date:NAState:NAFiling Date:NAState:NAState:NAState:NAState:NA	 (71)Name of Applicant : 1)PURE BIOSCIENCE Address of Applicant :1725 GILLESPIE WAY, EI CAJON, CALIFORNIA 92020, U.S.A. (72)Name of Inventor : 1)KRALL MICHAEL L. 2)JONTE DOLANA 3)GUMIENNY JR RICHARD
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(57) Abstract :

Use of dried compositions of silver dihydrogen citrate along with citric acidJn antimicrobial amounts directly as disinfectants is described.

No. of Pages : 12 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : YARN SPLICING DEVICE, WINDING UNIT, TEXTILE MACHINE AND YARN SPLICING METHOD

(51) International classification	:D01H1/38	(71)Name of Applicant :
(31) Priority Document No	:2013- 119105	1)MURATA MACHINERY, LTD. Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:05/06/2013	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SAWADA Akira
Filing Date	:NA	
(87) 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 yarn splicing device 10 includes a first gripping section 60A adapted to grip a first yarn end YA, a first cutting section 70A adapted to cut the first yarn end YA, a first untwisting section 40A adapted to introduce 10 thereto the first yarn end YA that has been cut and to untwist the first yarn end YA, a first moving section 30A adapted to move a first gripping position 69A of the first yarn end YA to adjust a length of the first yarn end YA to be introduced to the first untwisting section 40A, a second 15 gripping section 60B adapted to grip a second yarn end YB, a second cutting section 70B adapted to cut the second yarn end YB, a second untwisting section 40B adapted to introduce thereto the second yarn end YB that has been cut and to untwist the second yarn end YB, a second moving section 30B 20 adapted to move a second gripping position 69B of the second yarn end YB to adjust a length of the second untwisting section 40B, and a yarn splicing section 50 adapted to twist together the first yarn end YA and the second yarn end YB that have been 25 untwisted.

No. of Pages : 47 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING CRUDE OIL USING CROSS-FLOW FILTRATION

(51) International classification	·C10G31/00	(71) Name of Applicant .
(21) District Desenant Ne	.12/072 012	
(31) Priority Document No	:13/8/3,913	I)PALL CORPORATION
(32) Priority Date	:30/04/2013	Address of Applicant : of 25 Harbor Park Drive, Port
(33) Name of priority country	:U.S.A.	Washington, New York 11050, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WINES, THOMAS HARRIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for processing crude oil comprise adding water to the crude oil to produce an emulsion comprising brine and oil and solids; separating oil from brine including producing brine comprising a rag layer; separating the rag layer into a hydrocarbon emulsion having finer solids and brine comprising larger solids; and passing the hydrocarbon emulsion along a cross-flow filter to produce a retentate comprising brine and solids and a permeate comprising hydrocarbon.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : GROUNDING AND BONDING BRACKET		
(51) International classification	:H01R11/26	(71)Name of Applicant :
(31) Priority Document No	:61/819,140	1)THOMAS & BETTS INTERNATIONAL, LLC
(32) Priority Date	:03/05/2013	Address of Applicant :501 Silverside Road, Suite 67,
(33) Name of priority country	:U.S.A.	Wilmington, DE 19809, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOEY D. MAGNO
(87) 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 improved grounding and bonding bracket-type electrical connector is described with improved properties for directionally orienting grounding conductors. The electrical connector has a body with a first and a second clamp area. The second clamp area may be partially formed by a second body member. A frame substrate is connected in the first clamp area, while a grounding conductor is connected in the second clamp area. The grounding conductor may be connected such that the path of the conductor runs parallel, at 45 degrees, or perpendicular as compared to the mounting line of the frame substrate.

No. of Pages : 36 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR PROVIDING A SERVICE ASSOCIATED WITH SALE OF A PRODUCT

 (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 	:G06F 7/00 :61/225,529 :14/07/2009 :U.S.A. :PCT/AU010/000893 :14/07/2010 :WO 2011/006198 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOUCH NETWORKS PTY LTD Address of Applicant :LEVEL 8, 342 FLINDERS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA (72)Name of Inventor : 1)VAN, JASON ANDREW
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(57) Abstract :

A method and system for providing a service associated with sale of a product from a merchant to a customer at a point of sale terminal connected to a network, method comprising the steps of offering to provide the service associated with sale of the product to said customer during purchase of said product at the point of sale terminal, providing one of a plurality of identification numbers held in a database connected to the network at the point of sale terminal in association with the offered service and providing said provided identification number to said customer, and subsequently providing customer access over the network to permit said customer to enter purchase related details into the database to be associated with the provided identification number, thereby minimising time required at the point of sale terminal.

No. of Pages : 29 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEMAND REGULATING SYSTEM, DEMAND REGULATING APPARATUS, AND CONSUMPTION DEVICE MANAGEMENT APPARATUS

(51) International classification:G05F1/66(31) Priority Document No:2013-(32) Priority Date:22/05/2013(33) Name of priority country:Japan(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Application Number:NA(62) Divisional to Application Number:NA(63) Divisional to Application Number:NA(64) Divisional to Application Number:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Divisional to Application Number:NA(68) Divisional to Application Number:NA(69) Divisional to Application Number:NA(61) Date:NA	 (71)Name of Applicant : Hitachi, Ltd. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008280, Japan (72)Name of Inventor : TAKAHASHI Hirotaka TOMITA Yasushi SUGAMATA Ikuma HAYASHI Maki KAKIMOTO Kahoru
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(57) Abstract :

To easily change the priority of a demand regulating control for a device in accordance with a simple operation by a consumer. A demand regulating system includes: an operation unit that selects from among a plurality of consumption devices, on the basis of priority information and a regulating quantity, a plurality of control-target devices, which are targeted for demand regulating control reducing consumption of the resource, transmitting a first control instruction instructing the demand regulating to demand side equipment that includes the plurality of control-target devices, and storing results information indicating the first control instruction in a storage unit; a control unit that executes the demand regulating first request information requesting a change in the priorities of the plurality of control-target devices on the basis of the first operation unit, upon receiving the first request information, specifies the plurality of control-target devices on the basis of the results information and the first request information, and changes the priorities of the plurality of control-target devices in the priority information.

No. of Pages : 56 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PAINT COMPOSITION AND MULTILAYER COATING FILM-FORMING METHOD

(51) International classification	:C08L67/06	(71)Name of Applicant :
(31) Priority Document No	:2013- 141457	1)KANSAI PAINT CO., LTD. Address of Applicant :33-1, Kanzaki-cho, Amagasaki-shi,
(32) Priority Date	:05/07/2013	Hyogo 6618555, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AKINARI NIIMI
Filing Date	:NA	2)MASAYA NAKAMURA
(87) International Publication No	: NA	3)YOHICHI KAWAGUCHI
(61) Patent of Addition to Application Number	:NA	4)TAKATO ADACHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A paint composition which can provide a coating film having excellent scratch resistance, acid resistance, finished appearance and adhesion property, and a multilayer coating film-forming method using the paint composition are provided. The paint composition comprises (A) a secondary hydroxyl group-containing acrylic resin; (B) a melamine resin; (C) an azole-based blocked polyisocyanate compound; (D) a phosphoric acid groupcontaining compound; and (E) an organometallic compound.

No. of Pages : 74 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRICYCLIC HETEROCYCLIC COMPOUNDS AS PHOSPHOINOSITIDE 3-KINASE INHIBITORS (51) International classification :C07D 495/14 (71)Name of Applicant : (31) Priority Document No **1)KARUS THERAPEUTICS LIMITED** :0914594.7 (32) Priority Date :20/08/2009 Address of Applicant :SOUTHAMPTON SCIENCE PARK, 2 (33) Name of priority country VENTURE ROAD, CHILWORTH, SOUTHAMPTON, :U.K. (86) International Application No :PCT/GB2010/051370 HAMPSHIRE SO16 7NP, UNITED KINGDOM Filing Date (72)Name of Inventor: :19/08/2010 (87) International Publication No :WO 2011/021038 1)SHUTTLEWORTH, STEPHEN, JOSEPH (61) Patent of Addition to Application 2)CECIL, ALEXANDER RICHARD LIAM :NA Number **3)HILL, THOMAS JAMES** :NA Filing Date **4)SILVA, FRANCK ALEXANDRE**

(57) Abstract :

Filing Date

Compounds of formula (I) or a pharmaceutically acceptable salt thereof, wherein: W is O, N-H, N-(C1-C10 alkyl) or S; each X is independently CH or N; R1 is a 5 to 7-membered saturated or unsaturated, optionally substituted heterocycle containing at least 1 heteroatom selected from N or O; R2 is (LQ)mY; and each R3 is independently H, C1-C10 alkyl, aryl or heteroaryl, are surprisingly found to be inhibitors of PI3K-p1 106, and therefore have utility in therapy.

:NA

:NA

No. of Pages : 68 No. of Claims : 17

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Response of the second secon	H 27/10 (71) Name of Applica 1)SEATRIEVER I 1)SEATRIEVER I 1)SEATRIEVER I 1)SEATRIEVER I 1)SEATRIEVER I Address of Applica GOOSTRY WAY, M UNITED KINGDOM (72) Name of Invento 1)HALLIBURTO	ant : INTERNATIONAL HOLDINGS cant :UNIT 9, MALLORY HOUSE, IOBBERLEY, CHESHIRE WA16 7GY, 1 or : N, JAMES
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(54) Title of the invention : INFLATABLE, NON-LATEX BALLOON WITH SELF SEALING VALVE

(57) Abstract :

Inflatable, non-latex balloon with a self-sealing valve An electronic unit (4) incorporating a LED (40) or a sound source, a battery power source (41) and a. displaceable actuator (8) to connect the LED or sound source to the power source is mounted inside a non-latex balloon (10, 12) by firstly being bonded by means of a cover sheet (5) to the exterior of one of the flexible strips (3) of a self-sealing valve (20) located in and through the neck of the balloon. This may take place by heat sealing and simultaneously with the bonding together by heat seal of the respective elongate strips (2, 3) of the valve (20). Thereafter, the combined unit (4) and self-sealing valve are bonded, again preferably by heat sealing, between respective balloon sheets (10, 12) in the vicinity of the stem (16) of the balloon. Winged portions (32, 33, 34) on the inflation valve strips (2, 3) and the cover (5) and corresponding bulges (6) where the balloon body emerges to the balloon stem may be provided for added security of bonding and for alignment purposes during mass production of the balloons.

No. of Pages : 13 No. of Claims : 8

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TIDAL RESPO	NSIVE BARRIER	
(51) International classification	:E02B 3/04	(71)Name of Applicant :
(31) Priority Document No	:12/541,535	1)SKIDMORE OWINGS & MERRILL LLP
(32) Priority Date	:14/08/2009	Address of Applicant :14 WALL STREET, NEW YORK, NY
(33) Name of priority country	:U.S.A.	10005, UNITED STATES U.S.A.
(86) International Application No	:PCT/US2010/045268	(72)Name of Inventor :
Filing Date	:12/08/2010	1)HARTMAN, CRAIG, W.
(87) International Publication No	:WO 2011/019873	2)SARKISIAN, MARK, P.
(61) Patent of Addition to Application	·N A	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tidal barrier is provided that may be selectively deployed in response to tidal changes. The tidal barrier includes a net having a tensile membrane with an upper edge and a lower edge. The lower edge has a plurality of anchor points for affixing the lower edge to a seabed below a body of water. The tidal barrier further includes a bladder affixed to the upper edge and having a valve for selectively inflating and deflating the bladder. The bladder has a sufficient volume to cause the upper edge of the membrane to rise to a surface of the body of water when the volume is inflated with a gas. A pump is disposed in proximity to the tensile membrane and is in fluid communication with the valve of the bladder. The pump has a controller for selectively prompting the pump to inflate and deflate the bladder with the gas.

No. of Pages : 34 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ALUMINIUM SILICATE-FREE, HIGHLY CONCENTRATED SUSPENSION CONCENTRATES OF METRIBUZIN

 (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 	:A01N 43/707 :61/234,035 :14/08/2009 :U.S.A. :PCT/EP2010/004818 :06/08/2010 :WO 2011/018188 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY (72)Name of Inventor : 1)FRANK SIXL 2)UDO BICKERS 3)HARRY KOPPERT 4)JURGEN HOPERT
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(57) Abstract :

Aluminium silicate-free, highly concentrated suspension concentrates of metribuzin The invention relates to aqueous, aluminum silicate-free, highly concentrated suspension concentrates, containing the active substance metribuzin, one or more surfactants based on nonionic polymers from the 'acrylic grafted polymers' group, one or more thickeners based on anionic heteropolysaccharides from the xanthan gum group, one or more wetting agents and optionally other components such as antifoaming agents, antifreeze agents and preservatives and other surfactants differing from the aforesaid components.

No. of Pages : 26 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A POLYESTER COMPOSITION HAVING IMPROVED IMPACT PROPERTIES

 (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 	:C09F :0954956 :17/07/2009 :France :PCT/FR2010/051473 :13/07/2010 : NA :NA :NA :NA	 (71)Name of Applicant : 1)ARKEMA FRANCE Address of Applicant :420 rue dEstienne dOrves F-92700 Colombes France (72)Name of Inventor : 1)QUINEBECHE Sbastien 2)KORZHENKO Alexander 3)BOUILLOUX Alain 4)GIROIS Stephane
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for manufacturing a thermoplastic composition including: a polyester resin (c); a mixture including a copolymer (a) of an a-olefin and of a monomer having an ethylenic unsaturation and an epoxy function as well as a core-shell compound (b); characterized in that said method includes: a first step of manufacturing the mixture of (a) and (b) by extrusion at a temperature at which the copolymer (a) is in the molten state and at a maximum temperature of 60 to 180°C; a second step of manufacturing the thermoplastic composition by extrusion or by mixing the polyester resin (c) with the mixture of (a) and (b) produced in the first step.

No. of Pages : 26 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYHYDRO	DALKANOATE COMPO	DSITION EXHIBITING IMPROVED IMPACT RESISTANCE
 (54) Title of the invention : POLYHYDRO (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 	CO9F :0954956 :17/07/2009 :France :PCT/FR2010/051471 :13/07/2010 : NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : (71)ARKEMA FRANCE Address of Applicant :420 rue d[™]Estienne d[™]Orves F- 92700 Colombes France (72)Name of Inventor : 1)BOUILLOUX Alain 2)QUINEBECHE Sbastien 3)GIROIS Stephane
Filing Date	:NA	

(57) Abstract :

The invention relates to a polyhydroxyalkanoic acid (PHA) composition further including: (A) a core-shell elastomer compound; (B) and an olefin copolymer including an ethylenic monomer having an epoxy function. Said composition exhibits excellent impact properties in particular to cold. The invention also relates to a method for manufacturing said composition and to parts manufactured from said composition.

No. of Pages : 25 No. of Claims : 17

(22) Date of filing of Application :13/02/2012

(21) Application No.1337/DELNP/2012 A

(43) Publication Date : 05/06/2015

(+ -)		
(51) International classification	:B62H	(71)Name of Applicant :
(31) Priority Document No	:12/545,842	1)Timothy M. COUTU
(32) Priority Date	:23/08/2009	Address of Applicant :6804 86 Street Edmonton Alberta T6E
(33) Name of priority country	:U.S.A.	2Y1 Canada
(86) International Application No	:PCT/CA2010/001238	(72)Name of Inventor :
Filing Date	:17/08/2010	1)Timothy M. COUTU
(87) International Publication No	: NA	
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MATERIAL HANDLING TOOL

(57) Abstract :

The present device is a tool for manipulating a material such as snow ice sand salt dirt gravel concrete vegetation grains debris and the like resting on a surface. The tool includes an elongated handle an elongated shaft and a compound blade head. The handle is attached to a proximal end of the elongated shaft and the compound blade is fixed to a distal end of the elongated shaft. The tool is capable of pushing and pulling materials when operating either the first tool section or the second tool section. The compound blade head has a first tool section adapted generally for shoveling and digging and a second tool section adapted for chopping and scraping. Tamping compressing and leveling is achieved when using the tools in the shoveling/digging position.

No. of Pages : 46 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MODAL IMPACT TESTING ASSEMBLY, SYSTEM AND METHOD BACKGROUND :G01N3/30 (71)Name of Applicant : (51) International classification **1)THE BOEING COMPANY** (31) Priority Document No :13/937,204 (32) Priority Date :08/07/2013 Address of Applicant :100 North Riverside Plaza, Chicago, (33) Name of priority country Illinois 60606-2016, USA :U.S.A. (86) International Application No :NA (72)Name of Inventor: Filing Date :NA **1)STEVEN G. WALLACE** (87) 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 :

There is disclosed an assembly (10), a system (12) and a method (150) for modal impact testing. The assembly (10) has a first set of components (14). The first set of components (14) include an impact assembly (16), a cycle control element (18) coupled to the impact assembly (16), and a signal response measuring device (20) positioned opposite the impact assembly (16). The assembly (10) further has a second set of components (28) separate from the first set of components (14). The second set of components (28) include a first controller (30) coupled to the cycle control element (18) and a second controller (34) coupled to the signal response measuring device (20). The first set of components (14) and the second set of components (28) form a modal impact testing assembly (10) for modal impact testing. The impact assembly (16) of the modal impact testing assembly (10) is configured to impact a test element (46) rotating at operational speeds.

No. of Pages : 64 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : FERRITE CIRCULATOR WITH INTEGRATED E-PLANE TRANSITION

P11/00 (71)Name of Applicant :
394,519 1)HONEYWELL INTERNATIONAL INC
Address of Applicant :101 Columbia Road, P. O. Box 2245,
A. Morristown, N.J. 07962-2245, United States of America
(72)Name of Inventor :
1)ADAM M. KROENING

(57) Abstract :

A waveguide circulator system for an E-plane-layer transition includes a first waveguide including: at least N waveguide arms, and a first-interface aperture spanning a first X-Y plane on a bottom surface of a first waveguide arm, a ferrite element having N segments protruding into the N respective waveguide arms of the first waveguide; an E-plane-transition waveguide having a first open-end and a second opposing open-end; and a second waveguide including a second-interface aperture spanning a second X-Y. The first-interface aperture is arranged to proximally overlap the first open-end. The second second-interface aperture of the second waveguide and the second-interface aperture is arranged to proximally overlap the second openend. At least a portion of the first segment of the fenite element protrudes into a volume extending between the first-interface aperture on the bottom surface of the first waveguide arm and an opposing top surface of the first waveguide arm.

No. of Pages : 68 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF 3,4-DIMETHOXYBICYCLO[4.2.0]OCTA-1,3,5-TRIENE-7-CARBONITRILE, AND APPLICATION IN THE SYNTHESIS OF IVABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID

(51) International classification	:C07C253/00	(71)Name of Applicant :
(31) Priority Document No	:13/54504	1)LES LABORATOIRES SERVIER
(32) Priority Date	:17/05/2013	Address of Applicant :35 rue de Verdun, F-92284 Suresnes,
(33) Name of priority country	:France	Cedex, France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LUCILE VAYSSE-LUDOT
(87) International Publication No	: NA	2)ALEXANDRE LE FLOHIC
(61) Patent of Addition to Application Number	:NA	3)MICHEL VAULTIER
Filing Date	:NA	4)MATHIEU PUCHEAULT
(62) Divisional to Application Number	:NA	5)THOMAS KAMINSKI
Filing Date	:NA	

(57) Abstract :

Process for the synthesis of the compound of formula (I): Application in the synthesis of ivabradine, addition salts thereof with a pharmaceutically acceptable acid and hydrates thereof.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : 3-[1-(3-HALOALKYL)-TRIAZOLYL]-PHENYL-SULFIDE DERIVATIVES FOR USE AS ACARICIDES AND INSECTICIDES

(51) International classification	:A01N 43/653	(71)Name of Applicant :
(31) Priority Document No	:09168287.2	1)BAYER CROPSCIENCE AG
(32) Priority Date	:20/08/2009	Address of Applicant : ALFRED-NOBEL-STR. 50, 40789
(33) Name of priority country	:EUROPEAN	MONHEIM, GERMANY
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/004843	1)BERND ALIG
Filing Date	:07/08/2010	2)STEFAN ANTONS
(87) International Publication No	:WO 2011/029506	3)REINER FISCHER
(61) Patent of Addition to Application	•NI A	4)NORBERT LUI
Number	.INA	5)ADELINE KOHLER
Filing Date	INA	6)ARND VOERSTE
(62) Divisional to Application Number	:NA	7)ULRICH GORGENS
Filing Date	:NA	

(57) Abstract :

The present invention constitutes new 3-[1-(3-haloalkyl)triazolyl]phenyl sulphide derivatives of the formula (I) in which A1, A2, B0, B1, B2, B3, R1, R2 and n are as defined in the description, to their use as acaricides and insecticides for controlling animal pests, and to processes for preparing them.

No. of Pages : 82 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTI-INFECTIVE ANTIMICROBIAL-CONTAINING BIOMATERIALS (51) International classification :A01N 59/16 (71)Name of Applicant : (31) Priority Document No 1)ATRIUM MEDICAL CORPORATION :12/539,282 (32) Priority Date Address of Applicant :5 WENTWORTH DRIVE HUDSON, :11/08/2009 (33) Name of priority country :U.S.A. NH 03051 (US) U.S.A. (86) International Application No :PCT/US2010/045194 (72)Name of Inventor : Filing Date 1)FAUCHER, KEITH, M :11/08/2010 (87) International Publication No :WO 2011/019834 2)KABIRU, HILDA (61) Patent of Addition to Application **3)HORTON, ANTHONY, RICHARD** :NA Number **4)PROWSE, JOCELYN** :NA Filing Date **5)MARTAKOS, PAUL** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Fatty acid-derived biomaterials, methods of making the biomaterials, and methods of loading them with silver compounds are described. The silver-containing biomaterials can be utilized alone or in combination with a medical device for the release and local delivery of one or more anti-infective agents. Methods of forming and tailoring the properties of said biomaterials and methods of using said biomaterials for treating injury in a mammal are also provided.

No. of Pages : 98 No. of Claims : 55

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTROL METHOD OF THE LAMINATED GLASSES WITH RESISTANCE WIRE AND A SYSTEM FOR THE METHOD THEREOF

H05B3/86	(71)Name of Applicant :
2013/05921	1)IDRIS ARSLAN
17/05/2013	Address of Applicant :NILFER ORGANIZE SAN B-LGESI
Turkey	SEFTALI CAD.NO 5 NILFER / BURSA, TURKEY
NA	(72)Name of Inventor :
NA	1)IDRIS ARSLAN
NA	
	H05B3/86 2013/05921 17/05/2013 Turkey NA NA NA NA NA NA NA NA

(57) Abstract :

The present invention is a system that is generally used as vehicle windshield, which enables to control the suitability of laminated glasses (1), comprises an outer glass (2), an inner glass (3), a binding layer (6), a conductive member (5) and resistance wires (4), and characterized in that it comprises an energy source (7) providing energy for said laminated glass (1); conductive cables (8) transferring the energy received from the energy source (7) to the laminated glass (1); a light source (10) reflecting the images of resistance wires (4) on said laminated glass (1); and a reflection surface (11) on which the image of laminated glass (1) is reflected. The present invention is a method that is generally used as vehicle windshield, which enables to control the suitability of laminated glasses (1) comprised of an outer glass (2), an inner glass (3), a binding layer (6), a conductive member (5) and resistance wires (4), and characterized in that it comprises the process steps of providing energy for the laminated glass (1) by means of an energy source (7), reflecting the shadows of resistance wires (4) on the energized laminated glass (1) onto a reflection surface (11) via a light source (10) and performing suitability control in accordance with the shadows read on reflection surface (11).

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

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 05/06/2015

(51) International classification	:G06Q20/36	(71)Name of Applicant :
(31) Priority Document No	:61/491813	1)BLACKHAWK NETWORK INC.
(32) Priority Date	:31/05/2011	Address of Applicant :5918 Stoneridge Mall Road Pleasanton
(33) Name of priority country	:U.S.A.	California 94588 U.S.A.
(86) International Application No	:PCT/US2012/039981	(72)Name of Inventor :
Filing Date	:30/05/2012	1)CAMPOS Tomas Ariel
(87) International Publication No	:WO 2012/166790	2)MILLER Keith
(61) Patent of Addition to Application	٠NA	3)LLACH Teri
Number	NA	4)HARPER Kellie D.
Filing Date	.NA	5)ANSARI Ansar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A SYSTEM FOR PAYMENT VIA ELECTRONIC WALLET

(57) Abstract :

A method includes receiving a request to process against an electronic wallet a portion of a transaction an electronic wallet optionally comprising a sub wallet the transaction processed against the wallet and/or sub wallet. The method further includes identifying one or more electronic value tokens in the e wallet and/or sub wallet that when used together will cover the portion of the transaction. The method further includes applying the electronic value tokens to the portion of the transaction.

No. of Pages : 140 No. of Claims : 186

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

 (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 	:B41J 2/175 :2010-160361 :15/07/2010 :Japan :PCT/JP2011/003715 :29/06/2011 :WO 2011/129123	 (71)Name of Applicant : 1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHISHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO 163-0811 Japan (72)Name of Inventor : 1)YOSHIAKI SHIMIZU 2)TAKU ISHIZAWA 3)YUKI TAKEDA
(86) International Application No	:PCT/JP2011/003715	(72)Name of Inventor :
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:29/06/2011 :WO 2011/129123 :NA :NA :NA	1)YOSHIAKI SHIMIZU 2)TAKU ISHIZAWA 3)YUKI TAKEDA 4)SHUICHI KOGANEHIRA

(54) Title of the invention : LIQUID CONTAINER AND LIQUID EJECTION SYSTEM

(57) Abstract :

A liquid container for supplying a liquid to a liquid ejection apparatus comprises: a liquid chamber provided to store the liquid; an air chamber connected with the liquid chamber to introduce the outside air into the liquid chamber with consumption of the liquid in the liquid chamber; an open-air hole provided to introduce the outside air into the air chamber; and a liquid inlet provided to fill the liquid into the liquid chamber, wherein the liquid inlet is located at a lower position than the open-air hole, in a filling attitude of the liquid container in which the liquid is filled into the liquid chamber.

No. of Pages : 87 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MECHANICA	NG	
 (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 	:C23C 24/00 :NA :NA :NA :PCT/IB2009/053055 :14/07/2009 :WO 2011/007196 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEBIOTECH S.A. Address of Applicant :IMMEUBLE LE PORTIQUE AVENUE DE SEVELIN 28 1004 LAUSANNE SWITZERLAND (72)Name of Inventor : 1)TOURVIEILLE DE LABROUHE, ARNAUD 2)PIVETEAU, LAURENT-DOMINIQUE 3)HOFMANN, HEINRICH

(57) Abstract :

Element comprising a substrate and a nanoporous adherent coating made of at least one layer, said layer being in adherent contact with said substrate and comprising separate domains of nanoparticles, each of said domains having an average diameter between 1 and 1000 nm and being separated from its neighbor domains on the major part of its circumference by an average distance equal or less to its diameter.

No. of Pages : 39 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PESTICIDAL CARBOXAMIDES

	(71)Name of Applicant :
C07C 233/66 2009-188049 14/08/2009 Japan PCT/EP2010/004739 03/08/2010 WO 2011/018170 NA NA NA NA	 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY (72)Name of Inventor : JUN MIHARA KOICHI ARAKI TAKUMA MORI TETSUYA MURATA YASUSHI YONETA YASUSHI YONETA YUKIYOSHI WATANABE 7)EIICHI SHIMOJO 8)TERUYUKI ICHIHARA MASASHI ATAKA 10)KATSUHIKO SHIBUYA 11)UL PICH CODCENS
	207C 233/66 2009-188049 .4/08/2009 apan PCT/EP2010/004739)3/08/2010 WO 2011/018170 VA VA VA

(57) Abstract :

The object of the present invention is to provide novel carboxamides which exhibit an excellent pesticidal activity as pesticides. Disclosed are the carboxamides represented by the following Formula (I): wherein each substituent is as defined in the specification, and use thereof as pesticides and animal parasite controling agents.

No. of Pages : 218 No. of Claims : 18

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRINT CONTROL DEVICE, PRINTING SYSTEM, AND PRINT CONTROL METHOD

(51) International classification:G06K15// :2013- 090118(31) Priority Document No:2013- 090118(32) Priority Date:23/04/201(33) Name of priority country:Japan(86) International Application No Filing Date:NA(87) International Publication No Filing Date:NA(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA(63) International to Application Number:NA(64) Patent:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Divisional to Application Number:NA(68) Divisional to Application Number:NA(69) Divisional to Application Number:NA(61) Patent:NA(62) Divisional to Application Number:NA(63) Divisional to Application Number:NA(64) Divisional to Application Number:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Divisional to Application Number:NA(68) Divisional to Application Number:NA(69) Divisional to Application Number:NA(61) Patent:NA(62) Divisional to Application Number:NA(63) Divisional to Application Number:NA(64) Divisional to Application Number:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Divisional to App	 (71)Name of Applicant : SEIKO EPSON CORPORATION Address of Applicant : of 4-1, Nishi-shinjuku 2 chome, Shinjuku-ku, Tokyo 163 0811, JAPAN, (72)Name of Inventor : NAKAMURA, HIDEO
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(57) Abstract :

A print control device, printing system, and print control method can reliably execute desired operations according to the status of the printer. A print data receiving unit 81 receives print data including mode information from a host 20; a status acquisition unit 82 gets the status of a printer 32; a decision unit 83 determines if the mode information and the status of the printer 32 meet an execution condition; and a printer control unit 84 changes the printer 32 to a specific mode and sends commands generated from the print data to the printer 32 when the decision unit 83 determines the execution condition is met.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTINUOUS ROTARY MACHINE FOR FILLING CAPSULES WITH PHARMACEUTICAL PRODUCTS

(51) International classification	:A61J3/07	(71)Name of Applicant :
(31) Priority Document No	:BO2013A000178	1)MG 2 S.r.l.
(32) Priority Date	:19/04/2013	Address of Applicant : Via del Savena, 18 Localita Pian di
(33) Name of priority country	:Italy	Macina, PIANORO, Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ernesto GAMBERINI
(87) International Publication No	: NA	2)Davide NANNETTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A continuous rotary machine for filling capsules (2) with pharmaceutical products is provided with at least one dosing 5 wheel (5) having a plurality of pockets (19) each defined by a respective upper seat (18), which is suited to receive and hold a closing cap (4) of a capsule (2) and by a respective lower seat (lo), which is suited to receive and hold a bottom (3) of the capsule (2), and is provided with a measuring 10 device (15) to measure the weight of the bottom (3) or of the bottom (3) and of the pharmaceutical product contained in the lower seat (10) itself; the upper seat (18) being radially mobile between a forward position, in which the lower and the upper seats (10, 18) are vertically aligned with each other, 15 and a retracted position, in which the lower and the upper seats (10, 18) are vertically staggered with respect to each other. 20 Main Figure: 2a

No. of Pages : 24 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREPOLYMERS SUITABLE FOR MAKING ULTRA-VIOLET ABSORBING CONTACT LENSES			
 (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 	:G02C 7/04 :61/242,405 :15/09/2009 :U.S.A. :PCT/US2010/048561 :13/09/2010 :WO 2011/034801 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND (72)Name of Inventor : 1)DOMSCHKE ANGELIKA MARIA 2)HOLLAND TROY VERNON 3)TUREK RICHARD CHARLES 	

(57) Abstract :

The invention provides a class of actinically-crosslinkable silicone-containing prepolymers which comprise (1) ethylenicallyunsaturated groups and (2) UV-absorbing polymeric units, latent UV-absorbing polymeric units, and/or dual photo-functional polymeric units. The prepolymer of the invention can be used to prepare silicone hydrogel contact lenses capable of absorbing UV/visible radiation. The present invention is also related to silicone hydrogel contact lenses made from a prepolymer of the invention and methods for making the contact lenses in a cost-effective way and with high consistency and high fidelity to the original lens design.

No. of Pages : 47 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING MODIFIED FUCANS FOR USE IN THE TREATMENT OF FIBROUS ADHESIONS AND OTHER DISORDERS

 (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 Eiling Date 	:A61K 31/737 :61/228,929 :27/07/2009 :U.S.A. :PCT/CA2010/001175 :27/07/2010 :WO 2011/011881 :NA :NA :NA	 (71)Name of Applicant : 1)ARC MEDICAL DEVICES, INC. Address of Applicant :102-2386 EAST MALL, VANCOUVER, BC V6T 1Z3 CANADA (72)Name of Inventor : 1)SPRINGATE CHRISTOPHER MICHAEL KEVIN
Filing Date	:NA	

(57) Abstract :

Compositions and methods relating to fucan agents useful for the treatment, prevention, inhibition, etc., of fibrous adhesions or other diseases.

No. of Pages : 51 No. of Claims : 27
(19) INDIA

(22) Date of filing of Application :14/02/2012

(54) Title of the invention : CONTROL DEVICE FOR VEHICLE

(43) Publication Date : 05/06/2015

(51) International classification:B60W 40/0(31) Priority Document No:2009-18949(32) Priority Date:18/08/2009(33) Name of priority country:Japan(86) International Application No:PCT/IB201Filing Date:17/08/2010(87) International Publication No:WO 2011/0(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (71)Name of Applicant : (71)Name of Applicant : (72)Name of Applicant :1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571 JAPAN (72)Name of Inventor : (72)Name of Inventor :
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(57) Abstract :

In a control device for a vehicle that controls a revolution speed of a drive power source or a gear ratio of a transmission coupled to an output side of the drive power source in the vehicle equipped with the drive power source and the transmission, the control device is configured to determine an index that is based on a running state of the vehicle, and to control a required revolution speed of the drive power source or a required gear ratio for the transmission on the basis of the index.

No. of Pages : 53 No. of Claims : 11

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STIRRER CELL MODULE AND METHOD OF USING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01N15/00 :13/871,160 :26/04/2013 :U.S.A. :NA	 (71)Name of Applicant : 1)PALL CORPORATION Address of Applicant :of 25 Harbor Park Drive, Port Washington, New York 11050, UNITED STATES OF AMERICA
Filing Date (87) International Publication No.	:NA · NA	(72)Name of Inventor : 1)PELLECPINO, LASON S
(67) International Fubication No(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	2)XIAO, LIXIANG 3)MORRIS, RICHARD
(62) Divisional to Application Number Filing Date	:NA :NA	4)HATHCOCK, JAMES J.

(57) Abstract :

Baffles useful for stirrer cell modules, stirrer cell modules including the baffles, and methods of using the baffles and modules, are disclosed.

No. of Pages : 31 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM FOR TRANSFER OF FUEL ELEMENTS. :G21C19/10 (71)Name of Applicant : (51) International classification 1)SIEMPELKAMP NUKLEARTECHNIK GMBH :10 2013 (31) Priority Document No Address of Applicant :Siempelkampstrasse 45, 47803 Krefeld, 104 763.7 (32) Priority Date :08/05/2013 Germany (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application No :NA 1)CHRISTIAN JURIANZ Filing Date :NA **2)STEFAN BAUER** (87) International Publication No : NA **3)STEFAN OLIVER STECK** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A transfer system (6) for transfer of fuel elements (5) between an upper pool (3) and a lower pool (4) of a nuclear plant, for example an upper pool (3) in a reactor building (1) and a lower pool (4) of a fuel-element storage unit (2), comprising a conveyor tube (11) connecting the upper and the lower pool (3, 4) and extending at an acute angle to the vertical, one or more transport baskets (12) into each of which at least one of the fuel elements can be placed for transport through the conveyor tube (11), a cable hoist (13) having a cable winch (14) and a traction cable (16) guided through the conveyor tube for raising and lowering the transport baskets (12) through the conveyor tube, an upper blocking element (17) for closing the conveyor tube (11) at its upper end. This apparatus is characterized in that the conveyor tube (11) is provided below the upper blocking element (17) with a cable inlet port (31) through which the traction cable (16) passes from the tube interior to the cable winch (14).

No. of Pages : 34 No. of Claims : 10

(21) Application No.1317/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B08B 9/04	(71)Name of Applicant :
(31) Priority Document No	:61/274,739	1)C. R. BARD, INC.
(32) Priority Date	:20/08/2009	Address of Applicant :730 CENTRAL AVENUE, MURRAY
(33) Name of priority country	:U.S.A.	HILL, NJ 07974 U.S.A.
(86) International Application No	:PCT/US2010/046096	(72)Name of Inventor :
Filing Date	:20/08/2010	1)VAILLANCOURT MICHAEL J.
(87) International Publication No	:WO 2011/022601	2)KERR MARSHALL
(61) Patent of Addition to Application	·NIA	3)BRIGHT JEFFREY D.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : INSERT FOR A MICROBIAL SCRUBBING DEVICE

(57) Abstract :

The microbial scrub brush in one embodiment employs an insert that is impregnated with an anti-bacterial disinfectant and that is housed within a housing of alcohol-compatible material and sealed over by a removable lid. The insert is maintained in sterile condition until ready for use. After removal of the lid, the insert is moved over the end of a female luer or other portion of a medical device and rotated in order to clean the exterior surface as well as the interior luminal surface of the device. In one embodiment, the insert includes a base from which extends an outer wall that defines a chamber. A plurality of complaint fingers extend from the base into the chamber. A plurality of wipers extend radially inward from the outer wall into the chamber to enable the cleansing of both the exterior surface and an interior surface of the medical device.

No. of Pages : 31 No. of Claims : 22

(21) Application No.1318/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(51) International algoritization	C09C 1/1C	(71)Norres of Amelianda
(51) International classification	:0080 1/16	(1)Name of Applicant:
(31) Priority Document No	:10 2009 046 230.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:30/10/2009	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/065259	(72)Name of Inventor :
Filing Date	:12/10/2010	1)ZELLER, JOERG
(87) International Publication No	:WO 2011/051101	2)LATSCH, NICO
(61) Patent of Addition to Application	٠NIA	3)SCHLIEMANN, MIKE
Number		4)KLOSS, FLORIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : COLLISION MONITOR FOR A MOTOR VEHICLE

(57) Abstract :

Described herein is a method for collision monitoring for a motor vehicle (10). The method includes providing a reference condition for at least one first object (18) located in a surrounding region (14) as a reference object during a first stopping procedure; determining during a subsequent stopping procedure whether the motor vehicle (10) has travelled a predefined minimum distance between the first stopping procedure and the second stopping procedure, and/or whether a predefined minimum time has elapsed; updating the reference condition by a positional data of at least one second object (18) based on the determining; further determining an actual positional data of said at least one second object (18) as the actual condition in case of a subsequent starting request; and detecting a potential collision when the actual condition and the reference condition indicate a distance of more than a predefined value.

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

54) Title of the invention : DECOUPLING A DRIVE MOTOR			
 (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 	:F04D 25/06 :10 2009 028 745.0 :20/08/2009 :Germany :PCT/EP2010/059602 :06/07/2010 :WO 2011/020645 :NA :NA :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : MUELLER, ANDREAS SCHIEL, ANDREAS EISENHARDT, HARALD LUDWIG, MATTHIAS 	

(57) Abstract :

Described herein is a drive module (160), particularly for a fan in a motor vehicle, which includes a drive motor having a stator (220), a vibration-dampening decoupling element (215) and a fastening flange (205) connected to the stator (220) of the drive motor by the decoupling element (215). The decoupling element (215) is arranged in the interior of the stator (220). The fastening flange (205) includes a supporting element (210) that is engaged in the decoupling element (215).

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF MAKING A BEVEL GEAR SYSTEM

 (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 	:F16H1/20 :14/012,477 :28/08/2013 :U.S.A. :NA :NA :NA	 (71)Name of Applicant : 1)ARVINMERITOR TECHNOLOGY, LLC Address of Applicant :2135 West Maple Road, Troy, Michigan 48084, United States of America (72)Name of Inventor : 1)WAGNER HIRAO
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A method of making a bevel gear system. The method may include selecting a member of the first set of side gears and a member of the second set of side gears corresponding to a desired gear ratio. The selected first side gear may have a different number of teeth than a selected second side gear.

No. of Pages : 16 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM FOR TRANSFER OF FUEL ELEMENTS. :G21C19/10 (71)Name of Applicant : (51) International classification 1)SIEMPELKAMP NUKLEARTECHNIK GMBH :10 2013 (31) Priority Document No Address of Applicant :Siempelkampstrasse 45, 47803 Krefeld 104 761.0 (32) Priority Date :08/05/2013 Germany (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application No :NA 1)CHRISTIAN JURIANZ Filing Date :NA **2)STEFAN BAUER** (87) International Publication No : NA **3)STEFAN OLIVER STECK** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A transfer system (6) for transfer of fuel elements (5) between an upper pool (3) and a lower pool (4) of a nuclear plant, for example an upper pool (3) in a reactor building (1) and a lower pool (4) of a fuel-element storage unit (2), comprising a conveyor tube (11) connecting the upper and the lower pool (3, 4) and extending at an acute angle to the vertical, one or more transport baskets (12) into each of which at least one of the fuel elements can be placed for transport through the conveyor tube (11), a cable hoist (13) having a cable winch (14) and a traction cable (16) guided through the conveyor tube for raising and lowering the transport baskets (12) through the conveyor tube, an upper blocking element (17) for closing the conveyor tube (11) at its upper end. This apparatus is characterized by a cable hoist (13) having a traction cable (16) guided through the conveyor tube (11) for raising and lowering the transport baskets (12) through the conveyor tube (11), at least one blocking element formed as a partially closing blocking element (19) being provided with a cable passage (30) through which the traction cable (16) can pass in the closed position. To be published with FIG. 1

No. of Pages : 34 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTI-CMET ANTIBODY AND ITS USE FOR THE DETECTION AND THE DIAGNOSIS OF CANCER

(51) International classification	:C07K 16/28	(71)Name of Applicant :
(31) Priority Document No	:09305777.6	1)PIERRE FABRE MEDICAMENT
(32) Priority Date	:21/08/2009	Address of Applicant :45 PLACE ABEL GANCE, F-92100
(22) Nome of mignity country	:EUROPEAN	BOULOGNE-BILLANCOURT, FRANCE
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/062271	1)GOETSCH, LILIANE
Filing Date	:23/08/2010	2)JOUHANNEAUD, ALEXANDRA
(87) International Publication No	:WO 2011/020925	
(61) Patent of Addition to Application	•NI A	
Number	.11/A	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of prognosis and/or diagnosis of a proliferative disease in a patient. More particularly, the invention relates to an antibody capable of binding specifically to the human cMet receptor, as well as the amino acid and nucleic acid sequences coding for this antibody. The invention likewise comprises the use of said antibody, and corresponding processes, for detecting and diagnosing pathological hyperprol iterative oncogenic disorders associated with expression of cMet. In certain embodiments, the disorders are oncogenic disorders associated with increased expression of cMet polypeptide relative to normal or any other pathology connected with the overexpression of cMet. The invention finally comprises products and/or compositions or kits comprising at least such antibody for the prognosis or diagnostic of certain cancers.

No. of Pages : 78 No. of Claims : 25

(22) Date of filing of Application :14/02/2012

(21) Application No.1371/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : HAIR REMOV	AL DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K 8/34 :09168356.5 :21/08/2009 :EPO :PCT/US2010/045590	 (71)Name of Applicant : 1)THE GILLETTE COMPANY Address of Applicant :WORLD SHAVING HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, U.S.A.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2011/022321 :NA :NA	 (72)Name of Inventor : 1)STEPHENS, ALISON FIONA 2)GEARY, ELAINE ALICE MARIE 3)HAVAS, FABIEN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hair removal device is provided comprising a cold-pressed, solid lubricating composition, the cold-pressed, solid lubricating composition comprising a temperature-sensitive component, such as fragrance oil.

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLY(TRIMETHYLENE ARYLATE)/POLYSTYRENE COMPOSITION AND PROCESS FOR PREPARING

(51) International classification(31) Priority Document No(32) Priority Date	:C08L 25/04 :61/235,399 :20/08/2009	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 MARKET STREET,
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/046128	WILMINGTON, DELAWARE 19898, U.S.A (72)Name of Inventor:
 (60) 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 	:20/08/2010 :WO 2011/022624 :NA :NA :NA	1)BATES, W., DOUGLAS 2)DOBRICK, BRETT, COLLIN

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(57) Abstract :

A composition of poly(trimethylene arylate), especially poly(trimethylene terephthalate), and polystyrene that is useful in the production of shaped articles such as fibers, films, and molded structures. The invention is useful as a masterbatch, also known as a concentrate, composition for combining with a PTT diluent in the economical production of fiber spinning compositions.

No. of Pages : 25 No. of Claims : 14

(22) Date of filing of Application :11/04/2014

(54) Title of the invention : DETECTION AND/OR QUANTITATION OF ENDOTOXIN .

(51) International classification:G01N21/64(31) Priority Document No:13/872,433(32) Priority Date:29/04/2013(33) Name of priority country:U.S.A.(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)PALL CORPORATION Address of Applicant : of 25 Harbor Park Drive, Port Washington, New York 11050, UNITED STATES OF AMERICA, (72)Name of Inventor : 1)WITTE, KRISTA L. 2)HARPER, THERESA F. 3)EGHOLM, MICHAEL 4)GSELL, THOMAS 5)ANGELES, ANGEL N. 6)WICKE, ROBERT H.
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(57) Abstract :

Detection and/or quantitation of endotoxin using biolayer interferometry is disclosed.

No. of Pages : 30 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONVEYANCE DEVICE, PRINTER, AND CONVEYANCE METHOD \square

(51) International classification ····································	B65H16/10 (71)Name of Applicant .
	22013- 1)SEIKO EPSON CORPORATION
(31) Priority Document No 128	Address of Applicant :of 4-1, Nishi-shinjuku 2 chome,
(32) Priority Date :19	:19/06/2013 Shinjuku-ku, Tokyo 163 0811, JAPAN,
(33) Name of priority country :U.	:U.S.A. (72)Name of Inventor :
(86) International Application No :NA	NA 1)NAKAYAMA, HIROYUKI
Filing Date :NA	NA
(87) International Publication No : N	NA
(61) Patent of Addition to Application Number :NA	NA
Filing Date :NA	NA
(62) Divisional to Application Number :NA	NA
Filing Date :NA	NA

(57) Abstract :

A conveyance device that conveys continuous sheet media stored in a roll can convey the conveyance medium with high precision without damaging the conveyance medium even when the conveyance medium is stored in a large diameter roll and is intermittently conveyed at high speed. The conveyance device includes: a roll storage unit that stores a continuous sheet conveyance medium in a roll; a tractor that sequentially engages engaging parts in engagement holes formed along the length of the conveyance medium and conveys the conveyance medium stored in the roll storage unit; a roll drive unit that delivers the conveyance medium stored in the roll storage unit; a roll drive unit that delivers the conveyance medium stored in the roll storage unit toward the tractor; a slack detection unit that detects slack in the conveyance medium between the roll storage unit and the tractor; and a control unit that controls the roll drive unit based on the detection value of the slack detection unit.

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

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : LOW-PRESSURE CIRCUIT OF A FUEL DELIVERY DEVICE OF A FUEL INJECTION SYSTEM

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) International Publication Number (38) NA (39) Name of Inventor : (31) Publication Number (32) Publication Number (33) Name of Inventor : (34) Publication Number (35) Publication Number (36) Publication Number (37) Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Number (31) Publication Publication Publication Number (31) Publication Public	2 Stuttgart
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(57) Abstract :

The present subject matter relates to a low-pressure circuit of a fuel delivery device of a fuel injection system of an internal combustion engine. The low-pressure circuit (10) has a low pressure line (11), which forms an inlet of a delivery pump (13) to a high pressure pump (15), wherein a controllable actuating element (16) conveys a pre-selected supply flow to the high pressure pump (15), and the excess fuel supplied by the delivery pump (13) is discharged into a return line (17) by an overflow valve (30). A T-piece (40), in which the overflow valve (30) is accommodated, is disposed in the low pressure line (11).

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADDITIVES FOR A HYDRAULIC BINDER BASED ON A BELITE-CALCIUM-SULPHOALUMINATE-FERRITE CLINKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No (86) International Publication No (87) International Publication No (88) International Publication No (92) Divisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Na 	 (71)Name of Applicant : 1)LAFARGE Address of Applicant :61, RUE DES BELLES FEUILLES, F-75116 PARIS (FR) France (72)Name of Inventor : 1)WALENTA, GUNTHER 2)GARTNER, ELLIS 3)MORIN, VINCENT
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(57) Abstract :

The present invention relates to a composition comprising at least, in % expressed by mass relative to the total mass of the composition, - from 0.01 to 3 % of polycarboxylic acid or salts thereof, the said polycarboxylic acid comprising 2 to 4 carboxyl groups per molecule; and - from 97 to 99.99 % of a Belite-Calcium-Sulphoaluminate-Ferrite clinker (BCSAF clinker).

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR RECYCLING PRODUCT STREAMS SEPARATED FROM A HYDROCARBON-CONTAINING FEED STREAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No (86) International Publication No (87) International Publication No (92) Publication No (92) Divisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Publication No (94) Publication No 	i/04(71)Name of Applicant :06.01)TOTAL PETROCHEMICALS RESEARCH FELUY2009Address of Applicant :ZONE INDUSTRIELLE C, B-71812010SENEFFE (FELUY), BELGIUM(BE) Belgium2010(72)Name of Inventor :1)MIGNON, DENIS2)VANDEWIELE, DAVID3)VAN DER SCHRICK, BERNARD4)VERCRUYSSE, CAMILLE
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(57) Abstract :

The present invention relates to a process for recycling product streams that have been separated from a hydrocarbon-containing feed stream comprising olefin monomer, olefin co-monomer, hydrocarbon diluent and components such as 112. N. O2. CO. CO2. and formaldehyde. In accordance with the present process a hydrocarbon-containing Iced stream is separated into a) a first side stream comprising hydrocarbon diluent and olefin monomer; b) a second side stream which is substantially hydrogen-free and comprises hydrocarbon diluent and olefin monomer, c) a bottom stream comprising substantially olefln-free hydrocarbon diluent, and d) an overhead vapor stream comprising olefin monomer, hydrocarbon diluent and components such as formaldehyde. 112. N2. O2. CO and CO2. The present process further includes recycling said first and said second side streams in a polymerization process for preparing bimodal polyolefin.

No. of Pages : 34 No. of Claims : 14

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH THROUGHPUT MEMBRANE WITH CHANNELS .

(51) International classification	:B01D69/02	(71)Name of Applicant :
(31) Priority Document No	:13/894,210	1)PALL CORPORATION
(32) Priority Date	:14/05/2013	Address of Applicant : of 25 Harbor Park Drive, Port
(33) Name of priority country	:U.S.A.	Washington, New York 11050, UNITED STATES OF
(86) International Application No	:NA	AMERICA,.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WIXWAT, WILFRID KLAUS
(61) Patent of Addition to Application Number	:NA	2)HAN, BINBING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Membranes having first and second porous portions, wherein the first portion has a more open pore structure than the second portion, wherein the first porous portion includes channels prepared by removing introduced fibers, as well as methods of making and using the membranes, are disclosed.

No. of Pages : 24 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONIC COMPONENT UNIT AND MANUFACTURING METHOD FOR THE SAME

(57) Abstract :

An electronic component unit 1 including an electronic component 2 and a resin sealing member 3 coating the electronic component 2 is provided. The resin sealing member 3 is made of a foamed resin that is produced by foaming a thermosetting resin. With respect to a distribution of a long diameter size of connection holes 301, 302, 303, 304 connecting between foamed cells of the foamed resin, an average value a μ m and a standard deviation o μ m of the long diameter size satisfy a relationship of a+30 = 500. Furthermore, a manufacturing method of the electronic component unit 1 is provided. The manufacturing method includes a raw material liquid preparation process, a mixing process, and a coat foam process.

No. of Pages : 43 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C07D 498/04	(71)Name of Applicant :
(31) Priority Document No	:61/237,435	1)GLAXOSMITHKLINE LLC
(32) Priority Date	:27/08/2009	Address of Applicant : ONE FRANKLIN PLAZA, 200
(33) Name of priority country	:U.S.A.	NORTH 16TH STREET, PHILADELPHIA, PENNSYLVANIA
(86) International Application No	:PCT/EP2010/062420	19102, UNITED STATES OF AMERICA
Filing Date	:25/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/023733	1)ANDREW SIMON CRAIG
(61) Patent of Addition to Application	٠NA	2)SALIMA ZARAH ISMAIL
Number	.INA •NA	3)RONNIE MAXWELL LAWRENCE
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANHYDRATE FORMS OF A PYRIDINE DERIVATIVE

(57) Abstract :

The invention relates to the compound of formula (I) in a crystalline anhydrate form, pharmaceutical formulations containing them, their use in therapy and processes for preparing the same.

No. of Pages : 39 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICE BACK CONTACT		
 (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 	:H01L 31/0224 :61/232,767 :10/08/2009 :U.S.A. :PCT/US2010/044720 :06/08/2010 :WO 2011/019608 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FIRST SOLAR, INC. Address of Applicant :28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA (72)Name of Inventor : 1)BENYAMIN BULLER 2)AKHLESH GUPTA 3)SYED ZAFAR

(57) Abstract :

A photovoltaic device back contact is disclosed. The back can include an indium nitride.

No. of Pages : 15 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H01T	(71)Name of Applicant :
(31) Priority Document No	:61/228,440	1)CEWA Technologies Inc.
(32) Priority Date	:24/07/2009	Address of Applicant :205 Webster Street Bethlehem
(33) Name of priority country	:U.S.A.	Pennsylvania 18015 United States of America.
(86) International Application No	:PCT/US2010/042991	(72)Name of Inventor :
Filing Date	:23/07/2010	1)FANGMAN Michael E.
(87) International Publication No	: NA	
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CALIBRATION SYSTEMS FOR SOLAR COLLECTOR INSTALLATION

(57) Abstract :

A solar concentrator calibration tool that compensates for inconsistencies in the fabrication assembly and installation of a solar collector system permitting the solar collector to perform optimally. The calibration tool provides feedback information to a supervisory control processor allowing the processor to compare the expected position of the sun to the actual \Box position found by the calibration tool. The processor then generates a calibration signal thereafter used by the collectorTMs movement control mechanism to compensate the tracking of the solar collector to accurately follow the movement of the sun unconstrained by the effects of the construction inconsistencies.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SOLAR CONCENTRATOR CONFIGURATION WITH IMPROVED MANUFACTURABILITY AND EFFICIENCY

(51) International classification(31) Priority Document No(32) Priority Date	:G01L :61/228,440 :24/07/2009	 (71)Name of Applicant : 1)CEWA Technologies Inc. Address of Applicant :205 Webster Street Bethlehem
(33) Name of priority country	:U.S.A.	Pennsylvania 18015 United States of America
(86) International Application No	:PCT/US2010/042987	(72)Name of Inventor :
Filing Date	:23/07/2010	1)FANGMAN John Stewart
(87) International Publication No	: NA	2)FANGMAN Michael E.
(61) Patent of Addition to Application	·NI A	3)FANGMAN John Matthew
Number	.INA •NA	4)NETI Sudhakar
Filing Date	.INA	5)SHAH-YUKICH Arati
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar concentrator comprises a pair of concentric reflectors having a spindle toroid geometry for focusing the collected solar radiation into a ring-shaped focal area as opposed to the point \Box or line \Box focus of prior art configurations. In a preferred embodiment each reflector is formed of a plurality of curved petals that are disposed in a contiguous keystone arrangement that requires no additional fixturing to hold the petals in place. Such an arrangement reduces the weight complexity and cost of the final solar concentrator structure.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CYTOLOGICAL OR HISTOLOGICAL BINDING COMPOSITION AND STAINING METHODS (51) International classification :C07C,G01N 1/30 (71)Name of Applicant : (31) Priority Document No 1)R.A.L. DIAGNOSTICS :0955127 (32) Priority Date :22/07/2009 Address of Applicant :BORDEAUX TECHNOPOLIS, SITE (33) Name of priority country MONTESQUIEU, F-33650 MARTILLAC, FRANCE :France (86) International Application No :PCT/FR2010/051540 (72)Name of Inventor : 1)RODOLPHE LOUIS GUY DAGIRAL Filing Date :21/07/2010 (87) International Publication No :WO 2011/010064 **2)FLORIAN MONTIEL** (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

The object of the invention is a histological and cytological fixing composition, characterized in that it comprises at least alcohol, ethylene glycol, dimethyl sulfoxide, water, and sodium chloride. The invention also relates to a process for preparing this fixer, as well as to its use in particular in processes for staining cells or cellular structures.

No. of Pages : 29 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STARTING DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	·F02N15/00	(71)Name of Applicant •
(31) Priority Document No	:102013207808.0	1)ROBERT BOSCH GmbH
(32) Priority Date	:29/04/2013	Address of Applicant : Postfach 30 02 20, 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KASKE, Stephan
(87) International Publication No	: NA	2)BOTZENHARD, Thomas
(61) Patent of Addition to Application Number	:NA	3)BORES, Javier
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starting device for an internal combustion engine comprises an electric starter motor and a planetary gear for driving a driving shaft, to which a starter pinion is coupled in direction of rotation. A component of the planetary gear and a freewheel carrier of a freewheel clutch form a common structural unit.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DUAL RF CHANNEL LINEARIZER CHANNEL AMPLIFICATION DEVICE, AND TELECOMMUNICATION SATELLITE COMPRISING SAID DEVICE

 (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 	:H03F 1/32 :0904108 :28/08/2009 :France :PCT/EP2010/061641 :10/08/2010 :WO 2011/023534 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THALES Address of Applicant :45, RUE DE VILLIERS, F-92200 NEUILLY-SUR-SEINE, FRANCE (72)Name of Inventor : 1)GREGORY MOUCHON 2)PIERRE JAUBERT 3)JEAN MAYNARD 4)RAOUL RODRIGUEZ
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(57) Abstract :

The linearizer-channel amplifier device for a dual RF channel designed to be installed on a telecommunication satellite comprises two independent radiofrequency channels (RF1, RF2), each radiofrequency channel (RF1, RF2) corresponding to a radiofrequency-signal communication channel and comprising a channel-amplifier module (10, 20), the two radiofrequency channels (RF1, RF2) being connected to one and the same remote control and telemetry module (30) designed to route and to manage remote control signals dedicated to each of the two channel-amplifier modules (10, 20) and to manage telemetries produced by the two channel-amplifier modules (10, 20). For application notably to the field of satellite telecommunications and in particular to the radiofrequency transmission systems of satellite repeaters.

No. of Pages : 12 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYNERGISTIC ACTIVE SUBSTANCE COMBINATIONS CONTAINIG PHENYL TRIAZOLES (51) International classification :A01N 43/653 (71)Name of Applicant : (31) Priority Document No **1)BAYER CROPSCIENCE AG** :10 2009 027 772.2 (32) Priority Date Address of Applicant : ALFRED-NOBEL STR. 50, 40789 :16/07/2009 (33) Name of priority country MONHEIM, GERMANY :Germany (86) International Application No :PCT/EP2010/004101 (72)Name of Inventor : Filing Date :06/07/2010 1)WOLFRAM ANDERSCH (87) International Publication No :WO 2011/006603 2)HEIKE HUNGENBERG (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

The present invention relates to novel active compound combinations comprising, firstly, at least one known compound of the formula (I) in which R1 and R2 have the meanings given in the description and, secondly, at least one further known active compound from groups (2) to (27) listed in the description, which combinations are highly suitable for controlling animal pests such as insects and unwanted acarids and also phytopathogenic fungi.

No. of Pages : 164 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SOLUTIONS AND CATALYSTS COMPRISING GROUP VI METAL, GROUP VIII METAL, AND PHOSPHORUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J 23/888 :61/236,436 :24/08/2009 :U.S.A. :PCT/EP2010/062282 :24/08/2010 :WO 2011/023668 :NA :NA :NA :NA	 (71)Name of Applicant : ALBEMARLE EUROPE SPRL Address of Applicant :PARC SCIENTIFIQUE DE LLN, RUE DU BOSQUET 9, B-1348 LOUVAIN-LA-NEUVE, BELGIUM (72)Name of Inventor : SONA EIJSBOUTSSPICKOVA 2)MARCEL ADRIAAN JANDEN
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(57) Abstract :

This invention provides a process for forming a solution composition, which process comprises forming a primary solution by bringing together, in an aqueous medium, i) at least one phosphorus compound, ii) at least one Group VI metal com¬pound, iii) at least one Group VIII metal com¬pound, and iv) an additive which is a) tetraethylane glycol, b) polyethylene glycol having an average molecular weight in the range of about 200 to about 400, c) a mixture of tetraethylene glycol and polyethylene glycol having an average molecular weight in the range of about 200 to about 400, or d) a mixture of (1) tetraethylene glycol and/ or polyethylene glycol, diethylene glycol, and triethylene glycol. The molar ratio of additive to the total moles of Group VI metal and Group VIII metal is above 0.30:1, and the atomic ratio of phosphorus to Group VI metal is at least about 0.33: 1. Optionally, the primary solution is heated at a temperature above about 40°C to form a heated solution. The heated solution is optionally cooled to form a cooled solution. Also provided are compositions formed by such processes, processes for forming catalyst compositions from these compositions, and catalyst compositions formed by these processes.

No. of Pages : 29 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ATOMIZING DEVICE AND ELECTRONIC CIGARETTE HAVING SAME

(51) International classification	:A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:201320245260.6	1)SHENZHEN FIRST UNION TECHNOLOGY CO., LTD.
(32) Priority Date	:07/05/2013	Address of Applicant :1-3F, Building C, Gaoxin Industry
(33) Name of priority country	:China	Zone, Tangwei Village, Fuyong Town, Baoan District Shenzhen,
(86) International Application No	:NA	Guangdong 518000, China;
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LI, Yonghai
(61) Patent of Addition to Application Number	:NA	2)XU, Zhongli
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An atomizing device of an electronic cigarette includes an atomizing sleeve; an oil reserving member arranged in the atomizing sleeve and configured for reserving a tobacco oil; an air pipe extending through the oil reserving member, a porous body and a heating coil. The air pipe has a clamping portion formed thereon, and the porous body is clamped by the clamping portion and extending into the oil reserving member to absorb the tobacco oil. The heating coil wraps around the porous body and is configured for heating and atomizing the tobacco oil on the porous body. An electronic cigarette is also provided, which includes the atomizing device and a power supply configured for powering the atomizing device.

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :H04W12/04 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) :61/234,489 (32) Priority Date :17/08/2009 Address of Applicant :SE-164 83 STOCKHOLM (SE) (33) Name of priority country :U.S.A. Sweden (86) International Application No :PCT/IB2010/002038 (72)Name of Inventor : 1)HERRERO VERON, CHRISTIAN Filing Date :17/08/2010 (87) International Publication No :WO 2011/021091 2)WIFVESSON, MONICA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR HANDLING CIPHERING KEYS IN A MOBILE STATION

(57) Abstract :

Techniques for handling ciphering keys in a mobile station comprising a mobile equipment (ME) and a Universal Subscriber Identity Module (USIM) are disclosed. An example method includes obtaining a UMTS cipher key (CK), integrity key (IK), and ciphering key sequence number (CKSN) from the USIM, deriving a 128-bit ciphering key (Kc-128) from the CK and the IK, and storing the Kc-128 and the CKSN on the mobile equipment, separate from the USIM. The stored CKSN is associated with the stored Kc-128, so that the Kc-128's correspondence to the most current UMTS security context can be tracked. This example method applies to the generation and storage of a 128-bit ciphering key for either the packet-switched or circuit- switched domains. A corresponding user equipment apparatus is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:C02F(31) Priority Document No:12/54(32) Priority Date:20/08(33) Name of priority country:U.S.A(86) International Application No:PCT/Filing Date:21/07(87) International Publication No:WO 2(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	02F 1/469(71)Name of Applicant :2/544,6171)GENERAL ELECTRIC COMPANY0/08/2009Address of Applicant :1 RIVER ROAD SCHENECTADYV.S.A.NEW YORK 12345, U.S.ACT/US2010/042673(72)Name of Inventor :1/07/20101)CAI, WEIVO 2011/0221542)XIONG, RIHUAA3)WEI, CHANGA4)SOLOMON, ROBERT LEE5)RAMESH, RENGARAJAN	,
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(54) Title of the invention : SOLID ELECTROLYTE PRODUCING ASSEMBLY AND METHOD

(57) Abstract :

A solid electrolyte producing system includes a supercapacitor desalination device comprising a power supply and a supercapacitor desalination unit. The supercapacitor desalination unit includes a pair of electrodes electrically coupled to the power supply and operable in a charging mode of operation and a discharging mode of operation. A feeding source is configured to provide a feed liquid to the supercapacitor desalination unit when the supercapacitor desalination unit is in the charging mode of operation. The feed liquid comprises at least one determined electrolyte. A crystallization device is providing for receiving a concentrated liquid from the supercapacitor desalination device in the discharging mode of operation, the concentrated liquid being a saturated liquid or supersaturated liquid of the at least one determined type of electrolyte. The at least one determined type of electrolyte precipitates in the crystallization device as solid electrolyte. The system further comprises a separation device for separating the solid electrolyte from the liquid of the crystallization device as a solid electrolyte product.

No. of Pages : 24 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :F27B 1/20 (71)Name of Applicant : (31) Priority Document No :91601 1)PAUL WURTH S.A. (32) Priority Date :26/08/2009 Address of Applicant :32, RUE D'ALSACE, L-1122 (33) Name of priority country LUXEMBOURG, LUXEMBOURG :Luxembourg (86) International Application No :PCT/EP2010/062494 (72)Name of Inventor : Filing Date :26/08/2010 1)THILLEN, GUY (87) International Publication No :WO 2011/023772 2)STUMPER, JEAN-JOSEPH (61) Patent of Addition to Application **3)HAUSEMER, LIONEL** :NA Number **4)THINNES, CLAUDE** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SHAFT FURNACE CHARGING DEVICE EQUIPPED WITH A COOLING SYSTEMS AND ANNULAR SWIVEL JOINT THEREFORE

(57) Abstract :

Annular swivel joint (300), especially for use in a shaft furnace charging device (10) that is equipped with a cooling system (12) with a stationary and a rotary circuit portion (30, 32). The annular swivel joint (300) comprises an annular fixed part (312) and an annular rotary part (310) and include an annular trough that defines an annular volume, via which the circuits portions (30, 32) communicate. The annular swivel joint (300) is characterized by: a stationary forward connection (302) for receiving cooling fluid from the stationary circuit portion (32); a rotary forward connection (304) for supplying cooling fluid to the rotary circuit portion (30); a rotary return connection (306) for receiving cooling fluid from the rotary circuit portion (30); and a stationary return connection (308) for returning cooling fluid to the stationary circuit portion (32); a partition (320) dividing the annular volume into an annular external cavity (322) and an annular internal cavity (324) so that the forward connections (302, 304) are coupled via one of the external and internal cavities (322 / 324) and the return connections (306, 308) are coupled via the other cavity (324 / 322), so that the internal cavity (324) is at least partially surrounded by the external cavity (322). The cavities (322, 324) are in double leakage-permitting communication between the external and internal cavities through annular first and second clearances (350, 352) provided to allow relative rotation between the fixed and rotary parts (310, 312); and annular flow restrictors (360, 362) provided in the first and second clearances (350, 352) respectively to reduce leakage between the cavities (322, 324).

No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITIONS COMPRISING EXTRACTS OF BURSERA SIMARUBA

		(/1)Name of Applicant :
(51) International classification	:A61Q5/02	1)JOHNSON & JOHNSON CONSUMER COMPANIES,
(31) Priority Document No	:13/891,240	INC.
(32) Priority Date	:10/05/2013	Address of Applicant :199 Grandview Road, Skillman, NJ
(33) Name of priority country	:U.S.A.	08558, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUHYOUN CHON
(87) International Publication No	: NA	2)YA-PING HU
(61) Patent of Addition to Application Number	:NA	3)KHALID MAHMOOD
Filing Date	:NA	4)APOSTOLOS PAPPAS
(62) Divisional to Application Number	:NA	5)RAMINE PARSA
Filing Date	:NA	6)KURT A. REYNERTSON
		7)MICHAEL D. SOUTHALL

(57) Abstract :

The present invention relates to a skin care composition comprising an extract of Bursera simaruba seeds and a cosmetically acceptable topical carrier. Such composition is useful for improving skin barrier function and moisturization as well as improving signs of skin aging.

No. of Pages : 56 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C09D 201/00 :2009-179744 :31/07/2009 :Japan :PCT/JP2010/062881 :30/07/2010 :WO 2011/013789 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KYOEISHA CHEMICAL CO., LTD. Address of Applicant :SUN MULLION OSAKA BLDG., 6-12 MINAMIHONMACHI 2-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 5410054 (JP) Japan (72)Name of Inventor : 1)MITOMI, DAISUKE 2)MIYAKE, KAZUHIRO 3)KINUGAWA, MASASHI
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(54) Title of the invention : SURFACE CONDITIONER FOR COATING AGENTS

(57) Abstract :

It is an object of the present invention to provide a surface conditioner for a coating agent. The surface agent which is blended into the coating agent in small amounts, can impart a base material-wetting property and a cissing-preventing property to the coating agent when blended in the coating agent, can impart a leveling property to the coating layer which the coating agent is applied to form a coating layer so as to improve the appearance and smoothness of the surface thereof, can improve an adhesion property of over-coating, can impart an excellent leveling property with heat resistance to the coating agent to which said surface conditioner is blended. The surface conditioner for the coating agent comprises: a copolymer composed of 1 to 40 parts by weight of an acrylate monomer (A) having a siloxy group, 2 to 80 parts by weight of an N-vinyllactam monomer (B), and 10 to 97 parts by weight of an alkyl (meth)acrylate monomer (C) of which an alkyl group has 1 to 12 carbon atoms; and weight average molecular weight of the copolymer is 1000 to 120000.

No. of Pages : 43 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

SEPARATION AND METHOD OF MANUFACTURING PRODUCTS USING THE SAME (51) International classification (71)Name of Applicant : :B31D (31) Priority Document No 1) JAPAN SCIENCE AND TECHNOLOGY AGENCY :2009-168346 (32) Priority Date Address of Applicant :4-1-8 Hon-cho Kawaguchi-shi :17/07/2009 (33) Name of priority country Saitama 332-0012 Japan :Japan (86) International Application No :PCT/JP2010/061989 2)Kitakyushu Foundation for the Advancement of Industry Filing Date Science and Technology :15/07/2010 (87) International Publication No : NA (72)Name of Inventor: (61) Patent of Addition to Application 1)Yasunori MATSUFUJI :NA Number 2)Koji TAKASU :NA Filing Date 3)Kiyotaka TATSUMI (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FLOATATION SEPARATION APPARATUS METHOD OF FLOATATION

(57) Abstract :

By storing a liquid to be treated in a treatment tank main body 10 having a bottom portion 10g that narrows downward with particles of materials to be treated dispersed therein taking out the liquid to be treated from a position lower than the liquid level of the treatment tank main body 10 and returning the liquid to the bottom portion 10g of the treatment tank main body 10 thereby circulating the liquid to be treated while forming a vortex flow within the treatment tank main body 10 and at the same time supplying air bubbles from the lower part of the treatment main unit 10 a first component contained in froths is separated from a second component which is less susceptible to floatation contained in the liquid to be treated.

No. of Pages : 48 No. of Claims : 18

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR REMOVAL OF COLORED-AND SULFUR-CONTAINING IMPURITIES FROM HYDROCARBON STREAMS

 (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 	:C07G :61/226,633 :17/07/2009 :U.S.A. :PCT/US2010/035890 :22/05/2010 : NA :NA :NA :NA	 (71)Name of Applicant : 1)GTC TECHNOLOGY US LLC Address of Applicant :1001 S. Dairy Ashford Rd. Suite 500 Houston TX 77077 United States of America (72)Name of Inventor : 1)SEALEY Amy 2)WYTCHERLEY Randi
Filing Date	:NA	

(57) Abstract :

In various embodiments the present disclosure describes methods for removing impurities from a hydrocarbon stream containing at least one vinyl aromatic compound such as for example styrene. The methods include pretreating at least one sorbent to make the at least one sorbent operable for adsorbing the impurities contacting the hydrocarbon stream with the at least one sorbent in order to adsorb at least a portion of the impurities and separating the hydrocarbon stream from the at least one sorbent. Impurities include for example colored impurities sulfur-containing impurities and combinations thereof.

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

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELIMINATION OF ODOR CAUSED BY LASER-ETCHING LEATHER				
 (54) Title of the invention : ELIMINATIC (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 	2N OF ODOR CAUSED :C01B 1/56 :61/232,896 :11/08/2009 :U.S.A. :PCT/US2010/045163 :11/08/2010 :WO 2011/019812 :NA :NA	BY LASER-ETCHING LEATHER (71)Name of Applicant : 1)ECHELON LASER SYSTEMS LP Address of Applicant :1955 POWIS ROAD, W. CHICAGO, ILLINOIS 60185 U.S.A (72)Name of Inventor : 1)RIPLEY KIMBERLY		
(62) Divisional to Application Number Filing Date	:NA :NA			

(57) Abstract :

Systems and methods for the elimination of odor caused by burned or laser-etching leather are provided. One method comprises the steps of providing a leather article with a burned-odor characteristic by laser-treating a side of the leather article; and treating the side of the leather article with an odor absorbent comprising zinc ricinoleate to eliminate the burned-odor characteristic.

No. of Pages : 29 No. of Claims : 20
(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BISPECIFIC IMMUNOCYTOKINE DOCK-AND-LOCK (DNL) COMPLEXES AND THERAPEUTIC USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61K 39/00 :61/238,424 :31/08/2009 :U.S.A.	 (71)Name of Applicant : 1)IBC PHARMACEUTICALS, INC. Address of Applicant :300 AMERICAN ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A.
 (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 	:PCT/US2010/046889 :27/08/2010 :WO 2011/025904 :NA :NA :NA :NA	(72)Name of Inventor : 1)CHANG, CHIEN-HSING 2)GOLDENBERG, DAVID M.

(57) Abstract :

The present invention concerns methods and compositions for forming cytokine-antibody complexes using dock-and-lock technology. In preferred embodiments, the bispecific immunocytokine DNL construct comprises an IgG antibody attached to a Fab antibody fragment and a cytokine, wherein the IgG and the Fab bind to different target antigens which may be expressed on the same target cell. The bispecific immunocytokine DNL construct exhibits improved pharmacokinetics, with a longer serum half-life and significantly greater efficacy compared to cytokine alone, antibody alone, unconjugated cytokine plus antibody or even other types of cytokine-antibody DNL constructs. In a most preferred embodiment the construct comprises an anti-CD20 IgG antibody conjugated to an anti-HLA-DR Fab and IFN α 2b, although other combinations of antibodies, antibody fragments and cytokines may be used to form the subject DNL complexes.

No. of Pages : 142 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR INHIBITING POLYMERIZATION OF VINYL AROMATIC COMPOUNDS DURING EXTRACTIVE DISTILLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C09F :61/226,628 :17/07/2009 :U.S.A. :PCT/US2010/035889 :22/05/2010	 (71)Name of Applicant : 1)GTC TECHNOLOGY US LLC Address of Applicant :1001 S. Dairy Ashford Rd. Suite 500 Houston TX 77077 United States of America (72)Name of Inventor : 1)SEALEY Amy
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)BALL George A. 3)SLIMP B. Bryant

(57) Abstract :

High temperatures and oxygen exposure during extractive distillation can result in polymerization of vinyl aromatic compounds. In various embodiments the present disclosure relates to methods for inhibiting polymerization of vinyl aromatic compounds during extractive distillation. In various embodiments the methods include a) providing a mixture containing at least one vinyl aromatic compound b) adding at least one dinitrophenol inhibitor to the mixture and c) after step b) performing an extractive distillation on the mixture to isolate the at least one vinyl aromatic compound. Purified styrene can be isolated by the methods described herein. In some embodiments the dinitrophenol inhibitor is 2-sec-butyl-4 6-dinitrophenol (DNBP).

No. of Pages : 11 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A62C 35/68 :12/556,919 :10/09/2009 :U.S.A. :PCT/US2010/027790 :18/03/2010 :WO 2011/031345 :NA :NA	 (71)Name of Applicant : 1)THE VIKING CORPORATION Address of Applicant :210N. INDUSTRIAL PARK ROAD, HASTINGS, MICHIGAN 49058 U.S.A (72)Name of Inventor : 1)FEENSTRA, SHAWN J.
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : TRIM MANIFOLD ASSEMBLY FOR A SPRINKLER SYSTEM

(57) Abstract :

A trim manifold assembly is utilized to facilitate control of the control valve in a fire protection system. The trim manifold assembly utilizes a manifold block with numerous passageways to provide desired flow communication between various components, such as automatic and manual valves, check valves, inlet and exit ports, and sensor ports, by way of non-limiting example. The trim manifold assembly can be cost-effectively manufactured and may require less assembly steps. The trim manifold assembly can facilitate the assembly of a fire protection system and the attachment of the trim manifold assembly to the control valve for operation thereof.

No. of Pages : 42 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : RUN-FLAT T	TIRE	
 (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 	:B60C 17/00 :2009-195935 :26/08/2009 :Japan :PCT/JP2010/005229 :25/08/2010 :WO 2011/024447 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION Address of Applicant :10-1, KYOBASHI 1-CHOME, CHUO-KU, TOKYO 104-8340, JAPAN (72)Name of Inventor : 1)MAEHARA DAISUKE

(57) Abstract :

Provided is a run-flat tire in which a side-reinforcing rubber is arranged on the inside of the carcass in the tire width direction on both sidewall portions. The carcass plies include cords made of a material having a heat shrinkage rate of 2% to 8% at 177°C, and the run-flat tire further includes a reinforcing cord layer which includes cords made of a material having a heat shrinkage rate of less than 2% at 177°C, the reinforcing cord layer being arranged on the outside of the side-reinforcing rubber in the tire width direction on both sidewall portions.

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

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B65H 67/06	(71)Name of Applicant :
(31) Priority Document No	:2009-169564	1)MURATA MACHINERY LTD.
(32) Priority Date	:17/07/2009	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 6018326,
(86) International Application No	:PCT/JP2010/004319	JAPAN
Filing Date	:30/06/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/007513	1)KAWAMOTO KENJI
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MANAGEMENT SYSTEM FOR AUTOMATIC WINDER AND AUTOMATIC WINDER

(57) Abstract :

Provided is a management system for an automatic winder, which can reconstruct rewinding conditions that were applied before a rewinding operation has been interrupted, even in a case where a bobbin on which the rewinding operation has been interrupted is transported to another rewinding unit. A rewinding unit (31) provided in a winder (3) unwinds a yarn wound on a bobbin (23), to form a package. A tray has an RF tag capable of recording information. The rewinding unit (31) includes an RF reader (5) for reading the information from the RF tag. In a case where the rewinding operation is interrupted halfway, a management system applied to the winder (3) of this embodiment records rewinding information indicating rewinding conditions and a rewinding status obtained at a time when the interruption occurs. When performing the rewinding operation again using the bobbin (23) on which the rewinding operation has been interrupted halfway, a unit control section (10) of the rewinding unit (13) controls the rewinding unit (31) having the bobbin transported thereto based on the rewinding information of this bobbin (23).

No. of Pages : 48 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 05/06/2015

:G01N27/30 (71)Name of Applicant : (51) International classification 1)LIFESCAN SCOTLAND LIMITED (31) Priority Document No :13/874,112 (32) Priority Date :30/04/2013 Address of Applicant :Beechwood Park North, Inverness, (33) Name of priority country :U.S.A. Inverness-shire UK IV2 3ED, United Kingdom (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)DAVID ELDER** (87) International Publication No : NA 2)STANLEY YOUNG (61) Patent of Addition to Application Number :NA **3)CIARAN CARNEY** Filing Date :NA **4)BRIAN GUTHRIE** (62) Divisional to Application Number :NA **5)STEVEN MILNE** Filing Date :NA **6)JOHN YOUNG**

(54) Title of the invention : ANALYTE METER DIGITAL SAMPLE DETECTION

(57) Abstract :

An analyte meter is configured to digitally test for the presence of a test strip in the meter and for the presence of a sample in the test strip prior to activating an analog current measurement circuit of the meter. A test strip port connector having a plurality of contacts receives an inserted test strip in which the contacts electrically connect to electrodes on the test strip for digitally detecting both the presence of a test strip and a sample added to the test strip. A control circuit monitoring the contacts maintains the analyte meter in a low power mode until detecting both the test strip and the sample, whereupon the control circuit activates the meter and enables an analog analyte measurement circuit.

No. of Pages : 28 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPONENT INSPECTION APPARATUS AND METHOD :G01N29/265 (71)Name of Applicant : (51) International classification 1)ALSTOM TECHNOLOGY LTD (31) Priority Document No :13165902.1 Address of Applicant : BROWN BOVERI STRASSE 7, 5400 (32) Priority Date :30/04/2013 :EUROPEAN BADEN SWITZERLAND (33) Name of priority country (72)Name of Inventor: UNION (86) International Application No :NA **1)UDELL, CHRISTOPHER** Filing Date :NA 2)MUNIKOTI, VIJAYENDRA **3)TSCHARNTKE, DIRK** (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 4)SCHMID, REMY Filing Date :NA 5)CLARKE, DAVID THOMAS (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A component inspection apparatus and a method for ultrasonic inspection of a component, including low pressure last stage steam turbine blades, are disclosed. The apparatus includes a guide member, a guide adapting member and scanning probes. The guide member includes a first surface and a distal second surface. The first surface is configured to adaptably mirror the shape of portions of the component to be inspected. The guide adapting member is capable of releasably attaching the second surface of the guide member, to be changeable as per the shape of the component. The scanning probes may be located on the guide adapting member in a manner configured to be movable along the second surface of the guide member to generate and receive ultrasonic waves used to inspect the component.

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

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND APPARATUS DUAL STAGE HAZARD CONTROL SYSTEM		
 (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 	:A62C 3/00 :12/612,797 :05/11/2009 :U.S.A. :PCT/US2010/054440 :28/10/2010 :WO 2011/056704 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FIRETRACE USA, LLC Address of Applicant :15690 NORTH 83RD WAY, SCOTTSDALE, AZ 85260, U.S.A. (72)Name of Inventor : 1)BRIAN J. CASHION 2)DUSTIN C. MORAN 3)WILLIAM A. ECKHOLM 4)MATTHEW SAMPSON

(57) Abstract :

Methods and apparatus for a dual stage hazard suppression system according to various aspects of the present invention include a housing containing a first hazard control material that is configured to be located close to a hazard source and a container containing a second hazard control material located at a distance from the hazard source. The housing may be configured to release the first hazard control material in response to a breach of the housing and/or the hazard source. The container may be con¬figured for a timed release of the second hazard control material in response to the release of the first hazard control material. Alternatively, a sensor may be used to trigger the release of the second hazard control material in response to a triggering event separate from the initial breach of the housing and/or the hazard source.

No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification :B23B (71)Name of Applicant : 1) GENERAL ELECTRIC COMPANY (31) Priority Document No :13/009326 (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, :19/01/2011 (33) Name of priority country NEW YORK 12345, U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)HARIDASU, BALAJI (87) International Publication No :NA 2)FANG, BIAO (61) Patent of Addition to Application Number :NA **3)ZHENG, DANIAN** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MODULAR TOWER AND METHODS OF ASSEMBLING SAME

(57) Abstract :

A tower assembly (200) for use with a modular tower (102) is provided. The tower assembly includes a plurality of assembly panels (202) each including a pair of opposing circumferential edges (206, 208), and, a plurality of connectors (214) for use in coupling adjacent assembly panels of the plurality of assembly panels to one another, each connector of the plurality of connectors including an outer flange (302), an inner flange (304), and a spacer (306) extending therebetween, the outer flange is spaced a distance from the inner flange such that a first slot (308) and a second slot (310) are defined between the outer and inner flanges, each of the first and the second slots is sized to receive one of the assembly panel circumferential edges therein to enable the adjacent assembly panels to be coupled to one another.

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ORGANIZING SYSTEM WITH PACKING BOXES

(51) International classification:B65D21/0(31) Priority Document No:10 2013(32) Priority Date:12/04/2013(33) Name of priority country:Germany(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA(64) Patent of Application Number:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Divisional to Application Number:NA(68) Divisional to Application Number:NA(69) Divisional to Application Number:NAState </th <th> (71)Name of Applicant : 1)PETER ROESLER Address of Applicant :German citizen of Ifenweg 3, 88239 Wangen, Germany (72)Name of Inventor : 1)PETER ROESLER </th>	 (71)Name of Applicant : 1)PETER ROESLER Address of Applicant :German citizen of Ifenweg 3, 88239 Wangen, Germany (72)Name of Inventor : 1)PETER ROESLER
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(57) Abstract :

Organizing system with packing boxes formulated as containers (1, la, lb), on the floor wall (3) of which one or more legs (4) are arranged that are adapted to the meshing with associated retainers a catch plate (13) [sic] that are open upward, the legs (4, 4a, 4b, 4c, 4d) being capable of engaging in the manner of latch connections in the retainers (6) of the catch plate (13, 16) that are formulated as catch retainers (6).

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

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:G05B15/00	(71)Name of Applicant :
(31) Priority Document No	:13/900,009	1)PALL CORPORATION
(32) Priority Date	:22/05/2013	Address of Applicant : of 25 Harbor Park Drive, Port
(33) Name of priority country	:U.S.A.	Washington, New York 11050, UNITED STATES OF
(86) International Application No	:NA	AMERICA,
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)YEOMANS, HEATHER
(61) Patent of Addition to Application Number	:NA	2)HUNTER, ALASTAIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A connector for use in an electronic vaporizer system is disclosed.

No. of Pages : 22 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CAN COMBUSTOR FOR A CAN-ANNULAR COMBUSTOR ARRANGEMENT IN A GAS TURBINE

:F23R3/28	(71)Name of Applicant :
:13165488.1	1)ALSTOM TECHNOLOGY LTD
:26/04/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
:EUROPEAN	BADEN SWITZERLAND
UNION	(72)Name of Inventor :
:NA	1)KNAPP, KLAUS
:NA	2)ALURI, NARESH
: NA	3)TRAN, NICOLAS
:NA	4)RATHMANN ULRICH
:NA	5)GENIN, FRANKLIN MARIE
:NA	
:NA	
	:F23R3/28 :13165488.1 :26/04/2013 :EUROPEAN UNION :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The invention relates to a can-combustor for a can-annular combustor arrangement in a gas turbine, wherein the can combustor (10) at least comprising an essentially cylindrical casing (11) with an axially upstream front panel (13) and an axially downstream outlet end, a number of premixed burners (14), extending in an upstream direction from said front panel (13) and having a burner exit (17), supported by this front panel (13), for supplying a fuel/air mixture into a combustion zone (12) inside the casing (11), wherein up to four premixed burners (14) are attached to the front panel (13) in a substantially annular array, each burner (14) having a conical swirl generator (15) and a mixing tube (16) to induce a swirl flow of said fuel/air mixture.

No. of Pages : 28 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MECHANICAL SEAL		
	T1C115/24	
(51) International classification	:F16J15/34	(71)Name of Applicant :
(31) Priority Document No	:TO2013A000352	1)MECCANOTECNICA UMBRA S.p.A.
(32) Priority Date	:30/04/2013	Address of Applicant : Via G. Agnelli, 7/9, Campello Sul
(33) Name of priority country	:Italy	Clitunno, Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Massimiliano BORASSO
(87) International Publication No	: NA	2)Alessandro VENTURA
(61) Patent of Addition to Application Number	:NA	3)Massimiliano FERRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A seal (1) designed for insertion between a rotating shaft (2) and a fixed casing (3) having an opening (6) through which the shaft (2) is fitted, the seal having a sleeve (31) designed to fit onto the shaft (2); a first sealing ring (8) fitted to the sleeve (31); a cup (10) designed to fit inside the opening (6); and a second sealing ring (9) connected to the cup (10) by a bellows (24) of elastomeric material; the first and second sealing rings (8, 9) cooperate frontally with each other under the axial load exerted by a spring (33) interposed between the cup (10) and the second sealing ring (9); and the bellows (24) is connected in angularly free manner to the cup (10) to prevent self-induced torsional oscillation and noise resulting from it.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/01/2012

(21) Application No.135/DEL/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : MEDICAL MANIPULATOR SYSTEM

		(71)Name of Applicant :
(51) International classification	:B24D	1)TERUMO KABUSHIKI KAISHA
(31) Priority Document No	:13/020,407	Address of Applicant :2-44-1 HATAGAYA, SHIBUYA-KU,
(32) Priority Date	:03/02/2011	TOKYO 151-0072, JAPAN
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)RYOHEI KATSUKI
Filing Date	:NA	2)MAKOTO JINNO
(87) International Publication No	:NA	3)SHIGERU OMORI
(61) Patent of Addition to Application Number	:NA	4)MASAO HITOTSUYANAGI
Filing Date	:NA	5)JACK MARLOTTE
(62) Divisional to Application Number	:NA	6)DEANNA HIRZEL
Filing Date	:NA	7)PARI SHIMOYAMA
		8)RIE NAKAMURA

(57) Abstract :

A medical manipulator system has an operating unit including a grip handle and a composite input unit, a working unit detachably mounted on the operating unit and including an end effector, and a controller for controlling the operating unit. The controller judges starting and ending of a surgical case and increments the usage count of the working unit based on a manner in which the working unit is mounted and dismounted, and the times at which the working unit is mounted and dismounted, and disables the working unit if the usage count of the working unit exceeds a preset count.

No. of Pages : 84 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MANUFACTURING METHOD OF GRAIN-ORIENTED MAGNETIC STEEL SHEET			
 (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 	:C21D 8/12 :2009-168974 :17/07/2009 :Japan :PCT/JP2010/061938 :15/07/2010 :WO 2011/007817 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION, Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN, (72)Name of Inventor : 1)YOSHIYUKI USHIGAMI 2)NORIKAZU FUJII 	

(57) Abstract :

A nitriding treatment (Step S6) in which an N content of a decarburization-annealed steel strip is increased is performed between start of a decarburization annealing (Step S4) and occurrence of secondary recrystalization in a finish annealing (Step S5). In hot rolling (Step S1), a silicon steel material is held in a temperature range between 1000°C and 800°C for 300 seconds or longer, and then finish rolling is performed.

No. of Pages : 99 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ROLL CONTAINER LATCHING MECHANISM

(51) International classification	:B65D6/00	(71)Name of Applicant :
(31) Priority Document No	:1306725.1	1)HEPBURN BOND LLP
(32) Priority Date	:12/04/2013	Address of Applicant :2 Burgess Croft Solihull B92 0QJ U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)FORDHAM, Carlos J.
Filing Date	:NA	
(87) 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 :

Figure 1 shows a container 10 in accordance with an embodiment of the present invention. The container 10 is a roll container comprising a base 12, which extends between a first side 14 and a second, opposing, side 16. The sides 14, 16 are supported from beneath by a Z-shaped frame 18. In the embodiment shown, the frame 18 is made of steel. The frame 18 is fitted with four wheels 20, one in each corner of the frame 18, for transportation of the container 10.

No. of Pages : 18 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:F02M61/18	(71)Name of Applicant :
(31) Priority Document No	:BO2013A000169	1)MAGNETI MARELLI S.p.A.
(32) Priority Date	:17/04/2013	Address of Applicant :CORBETTA Viale Aldo Borletti,
(33) Name of priority country	:Italy	61/63, Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Stefano PETRECCHIA
(87) International Publication No	: NA	2)Massimo LOLLI
(61) Patent of Addition to Application Number	:NA	3)Massimo MATTIOLI
Filing Date	:NA	4)Enrico VEZZANI
(62) Divisional to Application Number	:NA	5)Daniele DE VITA
Filing Date	:NA	

(54) Title of the invention : "ELECTROMAGNETIC FUEL INJECTOR WITH BRAKING DEVICETM

(57) Abstract :

A fuel injector (1) provided with an injection nozzle (3); an injection valve (7), which has a movable needle (17) to adjust the flow of fuel through the injection nozzle (3); and an electromagnetic actuator (6), which is adapted to move the needle (17) between a closing position and an opening position of the injection valve (7) and is provided with a movable plunger (9) which is mechanically connected to the needle (17) and has at least one feeding through hole (30) for the passage of fuel towards the injection nozzle (3); the plunger (9) is provided with a braking device (36) of the hydraulic type, which is coupled to the feeding hole (30) and has the function of hydraulically dissipating kinetic energy to slow down the opening stroke of the needle (17) when the needle (17) moves towards the opening position of the injection valve (7).

No. of Pages : 35 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(22) Priority Detail	:H04R 1/30 :12/557,885	(71)Name of Applicant : 1)BOSE CORPORATION Address of Applicant JUE MOUNTAIN EDAMINGUAM
 (32) Phonty Date (33) Name of priority country (86) International Application No 	:U.S.A. :PCT/US2010/045571	Address of Applicant THE MOONTAIN, FRAMINGHAM, MASSACHUSETTS 01701-9168, UNITED STATES OF AMERICA
 (87) International Publication No (61) Patent of Addition to Application Number 	:WO 2011/031415 :NA :NA	 (72)Name of Inventor : 1)CHRISTOPHER B. ICKLER 2)CLIFFORD A. HENRICKSEN 3)AKIRA MOCHIMARU 4)MENDERTH D. LACOD
(62) Divisional to Application Number Filing Date	:NA :NA	4)KENNETH D. JACOB 5)SOICHIRO HAYASHI

(54) Title of the invention : AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS

(57) Abstract :

A loudspeaker includes a horn including a first end panel, a second end panel, a first side panel, and a second side panel. Edges of at least the first and second side panels define a diffraction slot opening. The first and second side panels are each fabricated from a sheet of flexible material held in a stressed, curved shape by at least a rigid support member. The panels are designed by an automated process based on a number of electro-acoustic transducers to be used in a loud¬speaker, horizontal and vertical coverage angles for the loudspeaker, and a wall length for a horn of the loudspeaker.

No. of Pages : 53 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FITTING FOR	A VEHICLE SEAT	
(51) International classification	:B60N 2/225	(71)Name of Applicant :
(31) Priority Document No	:10 2009 041 419.6	1)KEIPER GMBH & CO. KG
(32) Priority Date	:10/09/2009	Address of Applicant :HERTELSBRUNNENRING 2, 67657
(33) Name of priority country	:Germany	KAISERSLAUTERN, GERMANY
(86) International Application No	:PCT/EP2010/005104	(72)Name of Inventor :
Filing Date	:20/08/2010	1)UWE ASSMANN
(87) International Publication No	:WO 2011/029521	2)GUNTHER HILLE
(61) Patent of Addition to Application	٠NIA	
Number	.NA .NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

With a fitting (10) for a vehicle seat, in particular for a motor vehicle seat, having a first fitting part (11) and a second fitting part (12) which are rotatable relative to each other and which are axially held together by an enclosing ring (13), wherein at least one fitting part (11, 12) has a shoulder on the end face facing away from the other fitting part (12, 11), said shoulder having an axially protruding contour, for the form-fitting cooperation with the structure of a seat part or a backrest of the vehicle seat, a star shoulder (12a) is provided as shoulder, said star shoulder having a multi-arm, substantially symmetric star shape.

No. of Pages : 28 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADAPTIVE PHOTOVOLTAIC INVERT		RTER
 (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 	:H02M 5/458 :61/235,526 :20/08/2009 :U.S.A. :PCT/US2010/045475 :13/08/2010 :WO 2011/022304 :NA :NA :NA :NA	 (71)Name of Applicant : (71)FIRST SOLAR, INC. Address of Applicant :28101 CEDAR PARK BOULEVARD, PERRYSBURG, OH 43551, UNITED STATES OF AMERICA (72)Name of Inventor : 1)CHRISTOPHER THOMPSON 2)NA

(57) Abstract :

A DC to AC inverter unit used in a solar cell power system can include a controller capable of adjusting the inverter's minimal operating voltage to increase the inverter unit power capacity.

No. of Pages : 19 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SINTERING APPARAT	US	
(51) International classification	:B05C19/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 081687	1)Shin-Etsu Chemical Co., Ltd. Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:10/04/2013	Tokyo 100-0004, Japan.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Dai INOUE
Filing Date	:NA	2)Kazuya UCHIDA
(87) 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 sintering apparatus comprising a flimace core tube having an opening in a top end through which the soot deposition body is inserted, and having atmospheric gas introduced therein from below and expelled upward; a shaft from which the soot deposition body hangs; a lid that has the shaft inserted therethrough and can cover the opening; a heating furnace that heats the soot deposition body; an internal lid in a top portion of the flimace core tube that divides the top portion of the furnace core tube into an upper region and a lower region; and a gas flow path that connects the two regions to each other and has the atmospheric gas flow therethrough. Total cross-sectional area, relative to movement direction of the atmospheric gas, of the gas flow path is less than cross-sectional area, relative to movement direction of the furnace core tube.

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

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ACTIVELY REGENERATABLE EXHAUST AFTER-TREATMENT SYSTEM AND ACTIVE REGENERATION METHOD THEREFOR

(57) Abstract :

The invention relates to an active regeneration method for an exhaust after-treatment system for after-treating exhaust from a diesel engine, in which the exhaust is regenerated by passing through a diesel oxidation catalyst and a particulate oxidation catalyst in sequence. The method comprises the steps of: checking operation condition of the diesel engine; calculating running mileages of the diesel engine in different operation conditions; judging whether an active regeneration process is needed or not based on the operation condition and the accumulated running mileage of the diesel engine; and increasing the temperature of the exhaust of the diesel engine above 270 degrees Celsius in the condition that the active regeneration process is needed. An object of reduction of air pollution is achieved by means of the method of the invention.

No. of Pages : 16 No. of Claims : 10

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PREPARING EXPANDABLE POLYSTYRENE BY CONTINUOUSLY INJECTING LIQUID ORGANIC PEROXIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (37) International Publication Number (37) Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Number (32) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (36) Publicatio	 (71)Name of Applicant : ARKEMA FRANCE Address of Applicant :420 rue dEstienne dOrves F-92700 Colombes France (72)Name of Inventor : NICOL Pascal COCHET Jacques
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(57) Abstract :

The present invention relates to a process for the preparation of expandable polystyrene comprising the following steps: - i) heating an aqueous suspension comprising styrene monomer and at least one organic peroxide initiator of formula (I) 1-alkoxy-1-talkylperoxycyclohexane in which the alkoxy group contains 1 to 4 carbon atoms the t-alkyl group contains 4 to 12 carbon atoms and the cyclohexane ring may optionally be substituted with 1 to 3 alkyl groups each independently having 1 to 3 carbon atoms at a temperature ranging from 100°C to 120°C - ii) adding a blowing agent selected from the group consisting of alkanes having from 4 to 6 carbon atoms and mixtures thereof. The invention also relates to expandable polystyrene obtainable according to such a process and to insulation parts and packaging comprising such expandable polystyrene.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION (21) Application No.1403/DELNP/2012 A (19) INDIA (22) Date of filing of Application :15/02/2012 (43) Publication Date : 05/06/2015 (54) Title of the invention : DETERMINING SENSITIVITY OF CELLS TO B-RAF INHIBITOR TREATMENT BY DETECTING KRAS MUTATION AND RTK EXPRESSION LEVELS (51) International classification :G01N 33/48 (71)Name of Applicant : (31) Priority Document No 1)GENENTECH. INC. :61/236,466 (32) Priority Date Address of Applicant :1 DNA WAY, SOUTH SAN :24/08/2009 (33) Name of priority country FRANCISCO, CALIFORNIA 94080 U.S.A.. :U.S.A. (86) International Application No :PCT/US2010/046520 (72)Name of Inventor : Filing Date :24/08/2010 1)HATZIVASSILIOU, GEORGIA (87) International Publication No :WO 2011/028540 2)MALEK, SHIVA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to prognostic methods for identifying tumors that are not susceptible to B-Raf inhibitor treatment by detecting mutations in a K-ras gene or protein or by detecting overexpression of RTKs and/or their ligands. Kits are also disclosed for carrying out the methods.

No. of Pages : 84 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CDP ELECTROMAGNETIC MARINE DATA AQUISITION AND PROCESSING (51) International classification :G01V 3/165 (71)Name of Applicant : (31) Priority Document No 1)ADVANCED HYDROCARBON MAPPING AS :20092699 (32) Priority Date Address of Applicant :SKOGSTOSTRAEN 37 (4 ETG), N-:17/07/2009 (33) Name of priority country 4029 STAVANGER, NORWAY :Norway (86) International Application No :PCT/NO2010/000281 (72)Name of Inventor : 1)KJERSTAD, JOSTEIN KARE Filing Date :12/07/2010 (87) International Publication No :WO 2011/008106 2)BARSUKOV, PAVEL (61) Patent of Addition to Application 3)FAINBERG, EDUARD B. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and apparatus for the acquisition, processing and inversion of marine CSEM data are disclosed. According to the invention, the system provides data acquisition and processing of the responses measured simultaneously by multiple receivers placed in the near zone and partly in the intermediate zone at different distances around the transmitter.

No. of Pages : 26 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICE, SYSTEM AND METHOD FOR SETTING A GEMSTONE HOLDER

(51) International classification:G01N21/8(31) Priority Document No:226017(32) Priority Date:28/04/201(33) Name of priority country:Israel(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 7 (71)Name of Applicant : 1)Dialit Ltd Address of Applicant :6 Hamachtesh Street, P.O. Box 1908, Holon 58810 (IL) Israel (72)Name of Inventor : 1)PORAT, Zvi
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(57) Abstract :

A gemstone holding device includes a first unit to lock a gemstone relative to a gemstone processing ring, a second unit to lift the gemstone processing ring to a target position, a dual motion gear to move theaid first unit and the second unit during a single rotation and a motor to rotate the dual motion gear. The dual motion gear includes a geared upper disk having at least one rising long cam and a non-geared lower disk having at least one lowering short cam. The lowering short cam minimally overlaps the rising long cam.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MANAGEMENT SYSTEM FOR OPERATING A WIND ENERGY PLANT AND METHOD USING THE MANAGEMENT SYSTEM

 (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 	:F03D 7/04 :10 2009 039 340.4 :29/08/2009 :Germany :PCT/EP2010/005003 :14/08/2010 :WO 2011/023308 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :70469 STUTTGART, GERMANY (72)Name of Inventor : 1)SCHINDELE, LOTHAR 2)BUCHTALA, BORIS 3)SCHNURR, BERND 4)VATH, ANDREAS
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(57) Abstract :

Described herein is a management system (1) for a wind energy plant (2) comprising at least one control unit (3), wherein the management system (1) is used to coordinate component modules (4) of the wind energy plant (2) with vibration damping modules (5) and/or load reduction modules. In an embodiment, data of the operating states of the component modules (4) for a system analysis (7) is provided by a sensor system (6). Further, reactive vibrations or loads and/or predictive forecasts of vibrations of the wind energy plant (2) and predictive disturbance variables are registered. Also, the vibration damping modules (5) in the control unit (3) are activated. An actuator (8) carries out damping measures and/or load reduction measures on the component modules (4) in accordance with the vibration damping modules (5) of the control unit (3).

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F16M 11/12	(71)Name of Applicant :
(31) Priority Document No	:10 2009 038 313.1	1)EADS DEUTSCHLAND GMBH
(32) Priority Date (32) Name of priority country	:21/08/2009	Address of Applicant : WILLY-MESSERSCHMITT-
(86) International Application No	:PCT/DE2010/000983	(72)Name of Inventor :
Filing Date	:23/08/2010	1)CHRISTOF, HORST
(87) International Publication No	:WO 2011/020470	2)SANDER, JORG
(61) Patent of Addition to Application	·NA	3)BICHLER, BARTHOLOMAUS
Number	·NA	4)LOHNER, ANDREAS
Filing Date		5)DITTMAR, REINER
(62) Divisional to Application Number	:NA	6)ROTHMAIER, ULRICH
Filing Date	:NA	

(54) Title of the invention : HOLDING DEVICE FOR A DISPLACEBLE SENSOR

(57) Abstract :

The invention relates to a holding device for a displaceable sensor (5), the holding device having two or three motor-rotatable rings (2, 3, 4) for accommodating a sensor (5), and the axes of rotation (R1, R2, R3) of the two or three motor-rotatable rings (2, 3, 4) being oblique with respect to one another. The axes of rotation (R1, R2, R3) expediently intersect at a virtual pivot point (VD).

No. of Pages : 19 No. of Claims : 8

(22) Date of filing of Application :15/02/2012

(21) Application No.1413/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : TWO-STAGE CENTRIFUGAL PUMP

(51) International classification (31) Priority Document No	:F04D 1/06 ·102009029069 9	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date(33) Name of priority country	:01/09/2009 :Germany	Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY
(86) International Application No Filing Date(87) International Publication No	:PCT/EP2010/060007 :13/07/2010 :WO 2011/026678	(72)Name of Inventor :1)HEIN, BERND2)THIERY, JEROME
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HEIER, CHRISTOPH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described herein is a centrifugal pump (100), particularly for a coolant in a motor vehicle, comprising a first centrifugal pump stage (102) having a first pump housing (108), a first impeller (110) mounted in the first pump housing (108) in a rotating manner, a drive device (106) for coaxially driving the first impeller (110). In an embodiment, a second centrifugal pump stage (104) has a second pump housing (114) and a second impeller (116) is rotatably mounted in the second pump housing (114). Further, an intermediate housing (120) is located between the first and the second pump housing (108,114) for diverting a fluid flow dispersed by the first impeller (110).

No. of Pages : 16 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : NITROIMIDAZOOXAZINES AND THEIR USES IN ANTI-TUBERCULAR THERAPY

 (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 	:C07D 498/04 :61/230,396 :31/07/2009 :U.S.A. :PCT/US2010/043906 :30/07/2010 :WO 2011/014774 :NA :NA :NA	 (71)Name of Applicant : 1)GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT Address of Applicant :40 WALL STREET, 24TH FLOOR, NEW YORK, NEW YORK 10005, UNITED STATES OF AMERICA (72)Name of Inventor : 1)DENNY, WILLIAM, ALEXANDER 2)THOMPSON, ANDREW, M. 3)BLASER, ADRIAN 4)MA, ZHENKUN 5)PALMER, BRIAN, DESMOND 6)SUTHERLAND, HAMISH, SCOTT 7)KMENTOVA, IVETA
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(57) Abstract :

The present invention relates to novel nitroimidazooxazines, to their preparation, and to their use as drugs for treating Mycobacterium tuberculosis and other microbial infections, either alone or in combination with other anti-infective treatments.

No. of Pages : 99 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C10M 105/04 :12/538,752 :10/08/2009 :U.S.A. :PCT/US2010/044410 :04/08/2010 :WO 2011/019564 :NA :NA :NA :NA	 (71)Name of Applicant : CHEVRON U.S.A. INC. Address of Applicant :6001 BOLLINGER CANYON ROAD, SAN RAMON, CALIFORNIA 94583 UNITED STATES OF AMERICA. (72)Name of Inventor : ELOMARI, SALEH MILLER, STEPHEN J.
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(54) Title of the invention : BASE OIL COMPOSITION COMPRISING OLIGOMERIZED OLEFINS

(57) Abstract :

We provide a base oil, comprising one or more oligomerized olefins, wherein the base oil has: a. a kinematic viscosity at 100°C greater than 2.9 mm2/s; b. a viscosity index from 25 to 90; and c. a cloud point less than -55°C. We provide a base oil made by oligomerizing propylene in an ionic liquid catalyst, where the base oil has a viscosity index from 25 to 90 and the base oil is colorless. We also provide a base oil made by oligomerizing an olefin feed comprising propylene in an acidic alkyl-pyridinium chloroaluminate ionic liquid, wherein the base oil has a viscosity index at 100°C greater than 2.9 mm2/s, a viscosity index from 25 to 90, and a cloud point less than -55°C.

No. of Pages : 20 No. of Claims : 15

(22) Date of filing of Application :01/05/2014

(21) Application No.1191/DEL/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : THERMALLY INSULATING MEMBER		
 (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 	:B65D81/38 :102115888 :03/05/2013 :Taiwan :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)LIAN YI DESIGN ENTERPRISE CO., LTD. Address of Applicant :1F., No. 25, Ln. 12, Chongguang Rd., Zuoying Dist., Kaohsiung City, Taiwan (R.O.C.). Taiwan (72)Name of Inventor : 1)SHAO-WEN ZHANG

(57) Abstract :

A thermally insulating member includes a plane sheet having two ends spaced in a length direction and two sides spaced in a thickness direction perpendicular to the length direction. The plane sheet includes a plurality of rows of slits between the ends of the plane sheet. Each row of slits extends from one of the sides through the other side of the plane sheet. A first spacing between two adjacent rows of slits in the length direction is larger than a spacing between two adjacent slits in the same row of slits in a width direction perpendicular to the length and width directions by a second spacing. A thermally insulating strip is defined between two adjacent rows of slits. A stretchable rib is formed between two adjacent slits in the same row of slits. Each end of the plane sheet is a coupling portion free of the slits.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTIBODIES AGAINST HUMAN RESPIRATORY SYNCYTIAL VIRUS (RSV) AND METHODS OF USE

 (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 	:C07K 16/10 :611/274,395 :13/08/2009 :U.S.A. :PCT/US2010/045549 :13/08/2010 :WO 2011/020079 :NA :NA :NA	 (71)Name of Applicant : 1)CRUCELL HOLLAND B.V. Address of Applicant :ARCHIMEDESWEG 4, NL-2333 CN LEIDEN NETHERLANDS (72)Name of Inventor : 1)WILLIAMSON, ROBERT, ANTHONY 2)WADIA, JEHANGIR 3)PASCUAL, GABRIEL 4)KEOGH, ELISSA
Filing Date	:NA :NA	

(57) Abstract :

Provided herein are antibodies or antigen-binding fragments thereof that immunospecifically bind to the fusion (F) protein of Respiratory Syncytial Virus (RSV). Also provided are methods for of prevention, treatment and diagnosis of viral infection and/or the treatment of one more symptoms of RSV-mediated disease. Methods of generating antibodies that immunospecifically bind RSV F protein also are provided.

No. of Pages : 245 No. of Claims : 106

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PATH COMPUTATION ELEMENT AND ROUTING CONTROLLER COOPERATION

(51) International classification	:H04L 12/56	(71)Name of Applicant :
(31) Priority Document No	:61/241,537	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:11/09/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/SE2010/050901	(72)Name of Inventor :
Filing Date	:23/08/2010	1)IOVANNA, PAOLA
(87) International Publication No	:WO 2011/031207	2)BOTTARI, GIULIO
(61) Patent of Addition to Application	•NI A	3)WELIN, ANNIKKI
Number	.NA ·NA	4)CUGINI, FILIPPO
Filing Date	.11/A	5)PAOLUCCI, FRANCESCO
(62) Divisional to Application Number	:NA	6)CASTOLDI, PIERO
Filing Date	:NA	

(57) Abstract :

A system, method, and node for a Routing Controller, RC, (202) to obtain from a Path Computation Element, PCE, (204) network resource path metrics (308) across a plurality of domains (320, 322) in a communication network in which each domain includes a plurality of Border Nodes, BNs (324-338). The RC (202) sends to the PCE (204) a first message requesting a first path computation between each pair of BNs. The first message contains a maximum metric-value indicating a maximum that a path computation must not exceed for a Path Computation Client, PCC, (202) to consider the path computation acceptable Next, the RC sends a second message requesting the PCE to compute a subsequent path computation for each BN pairs for which the first path computation did not exceed the maximum metric-value. The second message contains a minimum metric-value that a path metric must exceed for the PCC to consider the path metric acceptable Next, the RC receives the computed subsequent path computation between BN pairs that exceed the minimum metric-value.

No. of Pages : 29 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BROAD SPEC	TRUM PRESERVATIO	ON BLEND
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K 31/60 :61/234,456 :17/08/2009 :U.S.A. :PCT/US2010/045679 :17/08/2010	 (71)Name of Applicant : (71)ARCH PERSONAL CARE PRODUCTS, L.P. Address of Applicant :70 TYLER PLACE, SOUTH PLAINFIELD, NJ 07080, U.S.A. (72)Name of Inventor : 1)CICCOGNANI, DIANA, T.
(87) International Publication No	:WO 2011022345	2)DINICOLA, KEVIN, N.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ROBERTS, KATHERINE, P. 4)SZYMCZAK, LAURA, M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composition having effective broad spectrum preservation activity comprising benzyl alcohol, salicylic acid, sorbic acid and a compound selected from the group consisting of 1, 3 -propanediol, glycerin and combinations thereof.

No. of Pages : 49 No. of Claims : 14

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POROUS IMPLANT STRUCTURES			
 (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 	:A61F 2/28 :61/235,269 :19/08/2009 :U.S.A. :PCT/US2010/046032 :19/08/2010 :WO 2011/022560 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW, INC. Address of Applicant :1450 BROOKS ROAD, MEMPHIS, TENNESSEE 38116, UNITED STATES OF AMERICA. (72)Name of Inventor : 1)JEFFREY SHARP 2)SHILESH JANI 3)LAURA GILMOUR 4)RYAN LANDON 	

(57) Abstract :

Porous biocompatible structures suitable for use as medical implants and methods for fabricating such structures are disclosed. The disclosed structures may be fabricated using rapid manufacturing techniques. The disclosed porous structures has a plurality of struts and nodes where no more than two struts intersect one another to form a node. Further, the nodes can be straight, curved, portions that are curved and/or straight. The struts and nodes can form cells which can be fused or sintered to at least one other cell to form a continuous reticulated structure for improved strength while providing the porosity needed for tissue and cell in-growth.

No. of Pages : 85 No. of Claims : 21
(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : STRAIN GAUGE, AND SYSTEM FOR SPATIALLY LOCATING SUCH GAUGES (51) International classification :G01B 7/16 (71)Name of Applicant : (31) Priority Document No 1) EUROPEAN AERONAUTIC DEFENCE AND SPACE :0955694 (32) Priority Date :17/08/2009 COMPANY EADS FRANCE (33) Name of priority country :France Address of Applicant :37, BOULEVARD DE :PCT/FR2010/051708 MONTMORENCY, 75016 PARIS, FRANCE (86) International Application No (72)Name of Inventor: Filing Date :12/08/2010 (87) International Publication No :WO 2011/020968 **1)NICOLAS SWIERGIEL** (61) Patent of Addition to Application **2)CATHERINE BOSQUET** :NA Number **3)SEBASTIEN DIDIERJEAN** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a strain gauge including a substrate (2) for mounting an element (3) to be reversibly lengthened by means of a force applied while displaying a variation in the resistance thereof, said element (3) lengthening itself along an axis for measurement by said gauge. According to the invention, said gauge includes at least one contrast target (5, 6) capable of reflecting an incident light beam, said at least one contrast target (5, 6) being placed on said gauge in a predetermined position that makes it possible to predetermine the center of the axis (4), for measurement by said strain gauge (1), by detecting the position of said at least one contrast target (5, 6).

No. of Pages : 15 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTIPURPO	OSE MOLD	
 (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 	:G02B 5/08 :0903440 :15/07/2009 :France :PCT/FR2010/000538 :25/07/2009 :WO 2011/007063	 (71)Name of Applicant : 1)VERNOIS, Goulven Address of Applicant :8, SENTIER DES LAMINAIRES F- 56610 ARRADON FRANCE (72)Name of Inventor : 1)VERNOIS, Goulven
 (61) Patent of Addition to Application Number (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(57) Abstract :

A flat solid disc 1 called multi-purpose mold has a surface profile la of an auxiliary of folding, which allows, by molding, to obtain one auxiliary of folding which will be constituted by the material 19a of the molding of the surface profile la, which will be added a fabric 19b giving to it good mechanical properties. This profile la of auxiliary of folding of the multi-purpose mold 1 allows to place on this mold 1 one or several pre-existing concave membranes 17 and 18 whose the characteristics match to the said profile, and to mold then on these membranes an auxiliary of folding. This profile la of auxiliary of folding of the multi-purpose mold 1 allows also to deposit on this mold 1, by appropriate layers, materials likely to solidify, giving membranes covering the profile of the said mold 1, and then to mold on the said membranes an auxiliary of folding, the said membranes having, after withdrawal from the auxiliary of folding, the concave shape of pre-existing concave membranes placed on the said mold 1, due to its profile of auxiliary of folding, and to the appropriate nature of the deposited layers.

No. of Pages : 12 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H04L 1/00	(71)Name of Applicant :
(31) Priority Document No	:2010-143649	1)SONY CORPORATION
(32) Priority Date	:24/06/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 1080075, JAPAN
(86) International Application No	:PCT/JP2011/003477	(72)Name of Inventor :
Filing Date	:17/06/2011	1)EISABURO ITAKURA
(87) International Publication No	:WO 2011/161922	2)HIDEKI IWAMI
(61) Patent of Addition to Application	٠NA	3)SATOSHI TSUBAKI
Number		4)HIROAKI TAKAHASHI
Filing Date	INA	5)KEI KAKITANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : TRANSMISSION DEVICE AND COMMUNICATION SYSTEM

(57) Abstract :

A video image data encoder comprises an input to receive stereoscopic image data. The stereoscopic image data includes first and second image data having chronological correspondence. An error correction encoding unit combines portions of the first image data and corresponding portions of the second image data from the input unit into a common encoding matrix. An error correcting code derived from the combined portions is added to the encoding matrix.

No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITIONS COMPRISING TRAMADOL AND CELECOXIB IN THE TREATMENT OF PAIN

 (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 	:A61K 31/135 :09384004.9 :16/10/2009 :EUROPEAN UNION :PCT/EP2010/006317 :15/10/2010 :WO 2011/045075 :NA :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS DEL DR. ESTEVE, S.A. Address of Applicant :AVENIDA MARE DE DEU DE MONTSERRAT, 221, E-08041 BARCELONA, SPAIN; (72)Name of Inventor : 1)PORTILLO SALIDO, ENRIQUE 2)VIDELA CES, SEBASTIA
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(57) Abstract :

The present invention relates to pharmaceutical compositions comprising tramadol and celecoxib and their uses as medicaments or analgesics, more particularly for the treatment of severe to moderate pain with an inflammation component.

No. of Pages : 18 No. of Claims : 6

DLICATION

(21) Application No.1435/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61K 31/135	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2009/007451	1)LABORATORIOS DEL DR. ESTEVE, S.A.
(32) Priority Date	:16/10/2009	Address of Applicant : AV. MARE DE DEU DE
(22) Nome of mignity country	:EUROPEAN	MONTSERRAT, 221, E-08041 BARCELONA, SPAIN;
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/002385	1)PLATA SALAMAN, CARLOS, RAMON
Filing Date	:19/04/2010	2)TESSON, NICOLAS
(87) International Publication No	:WO 2011/044962	
(61) Patent of Addition to Application	. NI A	
Number	INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CO-CRYSTALS OF TRAMADOL AND COXIBS

(57) Abstract :

The present invention relates to co-crystals of tramadol and co-crystal formers selected from NSAIDs/coxibs, processes for preparation of the same and their uses as medicaments or in pharmaceutical formulations, more particularly for the treatment of pain.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POTENT SMALL MOLECULE INHIBITORS OF AUTOPHAGY, AND METHODS OF USE THEREOF

(51) International classification(31) Priority Document No	:C07D 239/88 :61/227,164	(71)Name of Applicant : 1)PRESIDENT AND FELLOWS OF HARVARD
(32) Priority Date	:21/07/2009	COLLEGE
(33) Name of priority country	:U.S.A.	Address of Applicant :17 QUINCY STREET, CAMBRIDGE,
(86) International Application No	:PCT/US2010/042759	MA 02138, UNITED STATES OF AMERICA
Filing Date	:21/07/2010	2)SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY,
(87) International Publication No	:WO 2011/011522	CHINESE ACADEMY OF SCIENCE
(61) Patent of Addition to Application	•NI A	(72)Name of Inventor :
Number	.INA •NA	1)JUNYING YUAN
Filing Date	.INA	2)DAWEI MA
(62) Divisional to Application Number	:NA	3)JUNLI LIU
Filing Date	:NA	4)LIHONG ZHANG

(57) Abstract :

Certain aspects of the invention relates to small molecule autophagy inhibitors, and their use for treatment and prevention of cancers and acute pancreatitis. As disclosed herein, a small molecule inhibitor of autophagy was been identified from an image-based screen in a known bioactive library. It was found that this autophagy inhibitor functions by promoting the degradation of type HI PI3 kinase complex which is required for initiating autophagy. Medicinal chemistry studies led to small molecular autophagy inhibitors with improved potency and selectivity.

No. of Pages : 115 No. of Claims : 57

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SURGICAL TRAINING DEVICE

(51) International classification	:G09B 23/28	(71)Name of Applicant :
(31) Priority Document No	:2009-191052	1)NAKAMURA, SHOICHI
(32) Priority Date	:20/08/2009	Address of Applicant :1468, HIGASHIJO,
(33) Name of priority country	:Japan	CHIKUHOKUMURA, HIGASHICHIKUMA-GUN, NAGANO
(86) International Application No	:PCT/JP2010/064055	3997502 JAPAN
Filing Date	:20/08/2010	2)ACP JAPAN CO., LTD.
(87) International Publication No	:WO 2011/021685	(72)Name of Inventor :
(61) Patent of Addition to Application	٠NA	1)NAKAMURA, SHOICHI
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a compact surgical training device for enabling skills of techniques to be improved efficiently and effectively before acquiring clinical experiences in surgeries with high degrees of difficulty, particularly, vascular anastomosis, the surgical training device 10 to perform simulations and practices of vascular anastomosis is provided with a first holder 110 that holds a first pseudo blood vessel BV1, a second holder 120 that holds a second pseudo blood vessel BV2 to be anastomosed to the first pseudo blood vessel BV1, and a support mount 100 that supports the first and second holders 110, 120 so as to cause the entire surgical training device 10 to stand, while enabling the first and second pseudo blood vessels BV1, BV2 to be placed in respective arbitrary positions.

No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B66B 1/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant : TEN FARM SPRINGS ROAD,
(33) Name of priority country	:NA	FARMINGTON, CONNECTICUT 06032 U.S.A.
(86) International Application No	:PCT/US2009/063776	(72)Name of Inventor :
Filing Date	:10/11/2009	1)JOYCE MATTHEW
(87) International Publication No	:WO 2011/059426	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELEVATOR SYSTEM WITH DISTRIBUTED DISPATCHING

(57) Abstract :

An exemplary elevator input device includes a passenger interface configured to allow a passenger to place a call to indicate a desired elevator service. The elevator input device includes a controller configured to interpret any passenger input regarding desired elevator service. The controller identifies which of a plurality of elevator cars will be able to provide the desired elevator service according to a predetermined criterion. The plurality of elevator cars considered by the controller includes every elevator car that is capable of serving the call. The controller is also configured to assign the call to the identified elevator car.

No. of Pages : 13 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONCEPT OF SUPPLYING A LOW VOLTAGE DOOR DRIVE DIRECTLY THROUGH THE TRAVELING CABLE

(51) International classification:B6(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:PCFiling Date:29A(87) International Publication No:WG(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	56B 13/14 A A A CT/US2009/062525 V/10/2009 O 2011/053294 A A A A	 (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :TEN FARM SPRINGS ROAD, FARMINGTON, CONNECTICUT 06032 U.S.A (72)Name of Inventor : 1)GEWINNER JUERGEN 2)SEELMANN STEFAN LOTHAR
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(57) Abstract :

The present invention relates to an elevator door controller system for operating doors of an elevator car. The system includes a travelling cable for delivering DC power to the car. The car includes a power storage device for storing DC power from the travelling cable, a DC motor for operating the car doors, and an elevator door drive powered by the power storage device for driving the DC motor to operate the car doors.

No. of Pages : 14 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SUBSTRATE HOLDER SYSTEM, SUBSTRATE BONDING APPARATUS, AND DEVICE MANUFACTURING METHOD

 (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 	:H01L 21/683 :2009-170513 :21/07/2009 :Japan :PCT/JP2010/004659 :21/07/2010 :WO 2011/010452 :NA :NA :NA :NA	 (71)Name of Applicant : NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME CHIYODA-KU, TOKYO 100-8331 JAPAN (72)Name of Inventor : SUGAYA, ISAO CHONAN, JUNICHI MAEDA, HIDEHIRO
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(57) Abstract :

In order to integrate substrate holders respectively holding semiconductor substrates such that the semiconductor substrates arc sandwiched in a layered stale, a fixing mechanism is needed to fix the substrate holders to each other. The contact points in the fixing mechanism can generate dust. Therefore, provided is a substrate holder system comprising a first substrate holder that holds a first substrate; an engaging member provided on the first substrate holder; a second substrate holder that holds a second substrate; an engagement receiving member provided on the second substrate holder at a position facing the engaging member when the first substrate holder and the second substrate holder face each other and sandwich the first substrate and the second substrate; and a buffer portion provided on at least one of a contact portion of the engaging member and a contact portion of the engagement receiving member.

No. of Pages : 36 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

SUBSTRATE, BONDING APPARATUS, AND DEVICE MANUFACTURING METHOD (51) International classification :H01L 21/683 (71)Name of Applicant : (31) Priority Document No **1)NIKON CORPORATION** :2009-170513 (32) Priority Date Address of Applicant :12-1, YURAKUCHO 1-CHOME :21/07/2009 CHIYODA-KU, TOKYO 100-8331 JAPAN (33) Name of priority country :Japan (86) International Application No :PCT/JP2010/004675 (72)Name of Inventor : Filing Date :21/07/2010 1)SUGAYA, ISAO (87) International Publication No :WO 2011/010460 2)CHONAN, JUNICHI (61) Patent of Addition to Application 3)MAEDA, HIDEHIRO :NA Number 4)TANAKA,KEIICHI :NA Filing Date 5)YASUDA, TOMOYUKI (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SUBSTRATE PROCESING SYSTEM, SUBTRATE HOLDER, SUBSTRATE HOLDER PAIR,

(57) Abstract :

Provided is a substrate processing system that can restrict flow of dust to regions where semiconductor substrates are mounted, when semiconductor substrates are layered using a pair of substrate holders. The substrate processing system includes a substrate holder system that causes a first substrate holder holding a first substrate and a second substrate holder holding a second substrate to face each other and sandwiches the first substrate and the second substrate, and a processing apparatus that holds the substrate holder system. At least one of the substrate holder system and the processing apparatus includes a dust flow inhibiting mechanism that inhibits flow of dust into a region sandwiching the first substrate and the second substrate.

No. of Pages : 117 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FUNCTIONAL EXPRESSION OF SHUFFLED YEAST NITRATE TRANSPORTER (YNTI) IN MAIZE TO IMPROVE NITRATE UPTAKE UNDER LOW NITRATE ENVIRONMENT

(51) International classification:C07(31) Priority Document No:61/2(32) Priority Date:20/0(33) Name of priority country:U.S(86) International Application No:PCTFiling Date:20/0(87) International Publication No:WC(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NA	07K 14/415 (71)Name of Applicant : 1/235,601 1)PIONEER HI-BRED INTERNATIONAL, INC. 0/08/2009 Address of Applicant :7100 NW 62ND AVENUE, P.O. BOX .S.A. 1014, JOHNSTON, IA 50131-1014 U.S.A. CT/US2010/046092 (72)Name of Inventor : 0/08/2010 1)LIU LU YO 2011/022597 2)GIANG HOA A 3)LOUSSAERT DALE F. 4)WANG HAIYIN	X
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(57) Abstract :

The present invention provides methods and compositions relating to altering NT activity, nitrogen utilization efficiency and/or uptake in plants. The invention relates to a method for the production of plants with maintained or increased yield under low nitrogen fertility. The invention provides isolated nitrate transporter variant (NT variant) nucleic acids and their encoded proteins. The invention further provides recombinant expression cassettes, host cells, and transgenic plants. Plants transformed with nucleotide sequences encoding the NT variant enzyme show improved properties, for example, increased yield.

No. of Pages : 167 No. of Claims : 105

(19) INDIA

(22) Date of filing of Application :17/01/2012

(54) Title of the invention : PROCESSOR OPERATION MONITORING SYSTEM AND MONITORING METHOD THEREOF

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)KABUSHIKI KAISHA TOSHIBA
(or) Thomy Document to	008983	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:19/01/2011	MINATO-KU, TOKYO JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)OHNISHI NAOYA
Filing Date	:NA	2)NAKATANI HIROSHI
(87) International Publication No	:NA	3)SAMEDA YOSHITO
(61) Patent of Addition to Application Number	:NA	4)TAKEHARA JUN
Filing Date	:NA	5)INOUE ATSUSHI
(62) Divisional to Application Number	:NA	6)ΤΟΚΟ ΜΑΚΟΤΟ
Filing Date	:NA	

(57) Abstract :

A processor is provided with: a computation unit; a storage unit that stores a program/ and a data transmission circuit that transmits to said operation monitoring unit a bit signal corresponding to an instruction for reporting the execution stage of the program. An operation monitoring unit comprises a transition operation identification circuit and a loop processing identification circuit. The transition operation identification circuit is provided beforehand with: a start ID instruction whereby an ID that identifies a task that is a transition source is attached; a termination ID instruction that identifies termination of task operation; and, if the task in question is execution of loop processing, a looping instruction that reports the maximum value of the number of times of this loop processing. The transition operation identification circuit identifies success of the transition operations of the tasks of the program, based on these start ID instructions and termination ID instruction. The loop processing identification circuit identifies abnormality of the number of times of loop processing.

No. of Pages : 31 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

 (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 	:H04L 25/03 :12/549,143 :27/08/2009 :U.S.A. :PCT/IB2010/053821 :25/08/2010 :WO 2011/024128 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor : 1)KHAYRALLAH, ALI S.
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : EQUALIZATION USING SERIAL LOCALIZATION WITH INDECISION

(57) Abstract :

A receiver includes a constellation processing module and a plurality of equalization stages. The constellation processing module groups points of a constellation associated with a transmitted signal into a plurality of subsets. At least two adjacent ones of the subsets have one or more common constellation points so that the at least two adjacent subsets overlap The constellation processing module also determines a centroid-based value for each of the subsets of constellation points and groups the centroid-based values into one or more sets. Each of the equalization stages except for a the last equalization stage as constellation points. The last equalization stage determines the final symbol decision using the subset of constellation points input to or selected by the last equalization stage.

No. of Pages : 36 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTRAOCULAR LENSES WITH INTERLENTICULAR OPACIFICATION RESISTANCE		
 (54) Title of the invention : INTRAOCULA (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 	R LENSES WITH INT :A61F 2/16 :61/239,974 :04/09/2009 :U.S.A. :PCT/US2010/047697 :02/09/2010 :WO 2011/028917	ERLENTICULAR OPACIFICATION RESISTANCE (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056, BASEL, SWITZERLAND (72)Name of Inventor : 1)TSAI, CHI-CHUN 2)THOMES, BRETT E.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)VAN NOY, STEPHEN J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is directed to an intraocular lens, an intraocular lens system and a method of producing and/or implanting the lens or system in an eye wherein at least one intraocular lens includes a coating that aids in resisting interlenticular opacification (ILO). The material of the coating is preferably hydrophilic or super-hydrophobic.

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

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B05B 7/02	(71)Name of Applicant :
(31) Priority Document No	:61/257,896	1)GRACO MINNESOTA INC.
(32) Priority Date	:04/11/2009	Address of Applicant :88 11TH AVENUE NE,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55413 U.S.A
(86) International Application No	:PCT/US2010/055479	(72)Name of Inventor :
Filing Date	:04/11/2010	1)LIHWA JOHN S.
(87) International Publication No	:WO 2011/056992	2)CRYER MICHAEL A.
(61) Patent of Addition to Application	٠NIA	3)MC CARTNEY HEATH I.
Number	.INA	4)MOSER CHARLES E.
Filing Date	INA	5)SEBION MICHAEL J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INTEGRATED VALVING ROD LUBRICATION CARTRIDGE

(57) Abstract :

A dispensing gun having a mix head for combining at least two fluid components, with a purge rod slidably positioned within the mix head. The purge rod has a forward position for preventing flow from the component inlets, and a rearward position allowing flow from the component inlets with an actuator for moving the purge rod. The dispensing gun further a lubrication chamber that provides lubricant to the purge rod with the lubricant originating from a lubricant cartridge.

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

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :C08G 18/10 (71)Name of Applicant : 1)HUNTSMAN INTERNATIONAL LLC (31) Priority Document No :09172422.9 (32) Priority Date Address of Applicant :500 HUNTSMAN WAY, SALT LAKE :07/10/2009 CITY, UTAH 84108, UNITED STATES OF AMERICA :EUROPEAN (33) Name of priority country (72)Name of Inventor: UNION (86) International Application No :PCT/EP2010/063467 **1)JOHAN ANTOINE STEFAAN MACKEN** Filing Date :14/09/2010 2)HERMAN EUGENE GERMAIN MOUREAU (87) International Publication No :WO 2011/042284 **3)STEVEN RAMSDONCK** (61) Patent of Addition to Application **4)ANNELIES VANDEVELDE** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS FOR MAKING A FLEXIBLE POLYURETHANE FOAM

(57) Abstract :

Flexible polyurethane foam having a density of 25-70 kg/m3 and a compression load deflection of 5-15 kPa. Pro¬ess for making a flexible polyurethane foam and the use as plant growth medium and in green roofs and green walls.

No. of Pages : 18 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(51) Internetional classification	·E241.2/02	(71)Norrea of Ameliaanta
(51) International classification	:F24J 2/02	(71)Name of Applicant :
(31) Priority Document No	:2,672,760	1)W&E INTERNATIONAL (CANADA) CORP.
(32) Priority Date	:23/07/2009	Address of Applicant :66 DEVONSLEIGH BLVD.,
(33) Name of priority country	:Canada	RICHMOND HILL, ONTARIO L4S 1H2, CANADA
(86) International Application No	:PCT/CA2010/001118	2)HUAZI LIN
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/009199	1)HUAZI LIN
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SOLAR COFFEE/TEA MAKER AND COOKING APPLIANCES

(57) Abstract :

Solar heat collector, especially an evacuated-tube solar heat collector, filled with heat storage and conducting material transfers the solar heat to a heat insulated utensil through heat transferring medium for cooking foods and making coffee/tea.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :17/02/2012

(21) Application No.1472/DELNP/2012 A

(43) Publication Date : 05/06/2015

(51) International classification	:F24J 2/02	(71)Name of Applicant :
(31) Priority Document No	:2,673,702	1)W&E INTERNATIONAL (CANADA) CORP.
(32) Priority Date	:23/07/2009	Address of Applicant :66 DEVONSLEIGH BLVD.,
(33) Name of priority country	:Canada	RICHMOND HILL, ONTARIO L4S 1H2, CANADA
(86) International Application No	:PCT/CA2010/001120	2)HUAZI LIN
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/009201	1)HUAZI LIN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SOLAR COOKING RANGE AND APPLIANCES

(57) Abstract :

A set of solar cooking appliance having a solar heat collector filed with a first heat storage and conducting material and a solar cooking range filled with a second heat storage and conducting material. The solar cooking range having a heat insulated enclosed compartment and also having a cooktop. The cooking range having a set of cooking chambers which are in thermal contact with the first and second heat storage and conducting material for cooking food therein. The cooking appliance also having a group of removable parts that cover the cooking chambers separtely.

No. of Pages : 23 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(34) The of the invention . DAD I CARRIER		
:A41B	(71)Name of Applicant :	
:12/509,314	1)Gabriela S. CAPERON	
:24/07/2009	Address of Applicant :1733 Monrovia Avenue Unit N. Costa	
:U.S.A.	Mesa CA 92627 United States of America.	
:PCT/US2010/040062	(72)Name of Inventor :	
:25/06/2010	1)Gabriela S. CAPERON	
: NA		
·NA		
·NA		
.117		
:NA		
:NA		
	:A41B :12/509,314 :24/07/2009 :U.S.A. :PCT/US2010/040062 :25/06/2010 : NA :NA :NA :NA :NA	

(54) Title of the invention : BABY CARRIER

(57) Abstract :

A baby carrier which is adjustable as to width at the hips of the baby. The baby carrier may comprise a body covering panel from which may project a right strap and a left strap for engaging the torso of an adult wearer. An arrangement of fasteners which may be located near the bottom edge of the body covering panel provides a selection of connections one of which will cause the body covering panel to form a first closed loop for encircling the baby at the hips and another of which will cause the body covering panel to form a second closed loop for encircling the baby at the hips. The respective circumferential dimensions of the first closed loop and second closed loop are different so as to accommodate different hip dimensions for example for babies of different ages and body sizes.

No. of Pages : 26 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

CONFERENCE IN AN IP MULTIMEDIA SUBSYSTEM (51) International classification :B24B (71)Name of Applicant : :200910091219.6 (31) Priority Document No 1)ZTE CORPORATION (32) Priority Date Address of Applicant :ZTE Plaza Keji Road South Hi-Tech :12/08/2009 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2010/075626 (72)Name of Inventor : Filing Date :02/08/2010 1)YANG Qiang; (87) International Publication No : NA 2)WANG Chen; (61) Patent of Addition to Application 3)TANG Fei; :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND SERVICE DEVICE FOR REALIZING A PRIVATE CALL DURING A

(57) Abstract :

The present application discloses a method for realizing a private call during a conference in an IP multimedia subsystem, which includes the following steps: a service device receives a first request message that is sent by a first communication device to request a private call with a second communication device; if the first communication device is a communication device at the conference presider side, the service device modifies conference media of the communication device having participated in the conference within the first and the second communication devices; and after modifying the conference media, the service device establishes a private call between the first and the second communication devices. The present application also correspondingly discloses a service device for realizing a private call during a conference in an IP multimedia subsystem. In the present application, after a request for a private call is received, the conference media of the conference presider and/or conference members is modified, thus enabling the conference presider or conference members to make a private call with the conference members or the conference presider freely or as needed.

No. of Pages : 38 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : APAF-1 INHIBITOR COMPOUNDS		
 (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 	:C07D 241/06 :P200901757 :30/07/2009 :Spain :PCT/ES2010/000349 :29/07/2010 :WO 2011/012746 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS SALVAT, S.A. Address of Applicant :C/GALL, 30-36, E-08950 ESPLUGUES DE LLOBREGAT-BARCELONA (ES) Spain (72)Name of Inventor : 1)MESSEGUER PEYPOCH, ANGEL 2)MOURE FERNANDEZ, ALEJANDRA 3)GONZALEZ PINACHO, DANIEL 4)MASIP MASIP, ISABEL 5)PEREZ PAYA, ENRIQUE 6)GARCIA VILLAR, NATIVIDAD 7)MONLLEO MAS, ESTER 8)CATENA RUIZ, JUANLO

(57) Abstract :

Derivatives of 2,5-piperazinedione of formula (I) arc apoptotic peptidase activating factor 1 (Apaf-1) inhibitors, therefore they are useful as active pharmaceutical ingredients for the prophylaxis and/or treatment of a pathological and/or physiological condition associated with an increase of apoptosis.

No. of Pages : 112 No. of Claims : 17

(22) Date of filing of Application :14/02/2012

(21) Application No.1379/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF		
 (54) Title of the invention : METHOD OF . (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 	ASSAYING 5-FU :C09F :61/226,589 :17/07/2009 :U.S.A. :PCT/US2010/042485 :19/07/2010 : NA :NA	 (71)Name of Applicant : 1)MYRIAD GENETICS INC. Address of Applicant :320 Wakara Way Salt Lake City Utah Utah 84108 United States of America (72)Name of Inventor : 1)Salvatore J. SALAMONE 2)Benjamin ROA 3)Carrie COLVIN 4)Michael OVERFIELD
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)Carrie COLVIN 4)Michael OVERFIELD 5)Howard MCLEOD
(61) Patent of Addition to Application Number	:NA :NA	3)Carrie COLVIN 4)Michael OVERFIELD 5)Harrard MCLEOD
(62) Divisional to Application NumberFiling Date	:NA :NA	5)Howard MCLEOD

(57) Abstract :

The present invention provides methods compositions devices and kits for assaying 5-FU.

No. of Pages : 41 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : REVERSIBLY THERMOCHROMIC AQUEOUS INK COMPOSITION, AND WRITING INSTRUMENT AND WRITING INSTRUMENT SET EACH UTILIZING SAME

 (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 	:B43K 29/02 :2009-189038 :18/08/2009 :Japan :PCT/JP2010/063835 :16/08/2010 :WO 2011/021610 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PILOT INK CO., LTD. Address of Applicant :3-17, MIDORI-CHO, SHOWA-KU, NAGOYA-SHI, AICHI 466-0013, JAPAN (72)Name of Inventor : 1)KATSUYUKI FUJITA
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(57) Abstract :

The present invention relates to a reversibly thermochromic aqueous ink composition comprising: water; a water-soluble organic solvent; a reversibly thermochromic microcapsule pigment which contains a reversibly thermochromic composition comprising: (A) an electron donating coloring organic compound, (B) an electron accepting compound, and (C) a reaction medium which determines temperature at which color reactions between the components (A) and (B) occur; a comb type polymer dispersant having carboxyl groups on its side chains, an organic nitrogen sulfur compound, and a water-soluble resin, a writing instrument using the ink composition, and a writing instrument set comprising the writing instrument and a frictional body.

No. of Pages : 51 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

 (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 	:B62C :200910092018.8 :04/09/2009 :China :PCT/CN2010/072295 :28/04/2010 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)WANG Fei; 2)XIU Wenfei; 3)XIE Gangfeng; 4)FENG Yajun;
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(54) Title of the invention : SYSTEM AND METHOD FOR FILTERING LONG SHORT-MESSAGE

(57) Abstract :

The disclosure discloses a system and a method for filtering a long short-message, wherein the method comprises the following steps: step 1: a network security agent module sends a short message which is from a short message center and/or a short message gateway to a real-time monitoring service processing module (101), and the real-time monitoring service processing module sends split messages in the short message to a long message splicing module (102); step 2: the long message splicing module splices multiple split messages into an integrated long message and sends it to the real-time monitoring service processing module (103); step 3: the real-time monitoring service processing module (104). The disclosure can filter out all key words in the long message effectively, so as to solve the problem in prior art that a long short-message that has been split up can not be filtered out effectively.

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

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPLICATION SERVER FOR OBTAINING THE USERS™ CAPABILITY IN THIRD PARTY CALL CONTROL

 (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 	:B62C :200910162972.X :20/08/2009 :China :PCT/CN2010/074171 :21/06/2010 : NA :NA :NA :NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)YU Xutao; 2)GAO Yang; 3)JIN Bin;
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a method and an Application Server (AS) for obtaining user™s capability in Third Party Call Control (3PCC), and the method comprises: when a user performs 3PCC, an AS stores the media information of the user; the AS performs media negotiation with the user according to the stored media information of the user. The application of the present disclosure solves the problem of the high failure probability of media negotiation caused by the current incorrect method for obtaining the user^{TMs} media capability, and improves the utilization experience of users.

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

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING MATERIALS, INCLUDING SHAPE MEMORY MATERIALS

 (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 	:B01J 19/12 :61/232,243 :07/08/2009 :U.S.A. :PCT/CA2010/001219 :06/08/2010 :WO 2011/014962	 (71)Name of Applicant : 1)INNOVATIVE PROCESSING TECHNOLOGIES INC. Address of Applicant :911 QUEENSBRIDGE DRIVE, MISSISSAUGA, ONTARIO L5C 3M8 (CA) Canada (72)Name of Inventor : 1)KHAN, MOHAMMAD IBRAHEEM 2)ZHOU, YUNHONG, NORMAN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A method for treating a material comprising: applying energy to a predetermined portion of the material in a controlled manner such that the local chemistry of the predetermined portion is altered to provide a predetermined result. When the material is a shape memory material, the predetermined result may be to provide an additional memory to the predetermined portion or to alter the pseudo-elastic properties of the shape memory material. In other examples, which are not necessarily restricted to shape memory materials, the process may be used to adjust the concentration of components at the surface to allow the formation of an oxide layer at the surface of the material to provide corrosion resistance; to remove contaminants from the material; to adjust surface texture; or to generate at least one additional phase particle in the material to provide a nucleation site for grain growth, which in turn, can strengthen the material.

No. of Pages : 64 No. of Claims : 18

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POROUS IM	PLANT STRUCTURES	
 (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 	:A61F 2/28 :61/235,269 :19/08/2009 :U.S.A. :PCT/US2010/046022 :19/08/2010 :WO 2011/022550 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW, INC. Address of Applicant :1450 EAST BROOKS ROAD, MEMPHIS, TN 38116, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor : 1)JEFFREY SHARP 2)SHILESH JANI 3)LAURA GILMOUR 4)RYAN LANDON

(57) Abstract :

Porous biocompatible structures suitable for use as medical implants and methods for fabricating such structures are disclosed. The disclosed structures may be fabricated using rapid manufacturing techniques. The disclosed porous structures has a plurality of struts and nodes where no more than two struts intersect one another to form a node. Further, the nodes can be straight, curved, portions that are curved and/or straight. The struts and nodes can form cells which can be fused or sintered to at least one other cell to form a continuous reticulated structure for improved strength while providing the porosity needed for tissue and cell in-growth.

No. of Pages : 84 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(71)Name of Applicant : (51) International classification :H01K **1)ZTE CORPORATION** (31) Priority Document No :200910165245.9 (32) Priority Date Address of Applicant :ZTE Plaza Keji Road South Hi-Tech :08/08/2009 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2009/075905 (72)Name of Inventor : Filing Date :23/12/2009 1)LI Fanlong: (87) International Publication No : NA 2)BI Wenzhong; (61) Patent of Addition to Application 3)LAO Jinming; :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING MUTUAL INTERFERENCE OF MULTI-CARRIER

(57) Abstract :

The disclosure discloses a method for reducing mutual interference of multi-carrier, comprising: adjusting the delay of at least one modulation signal; respectively modulating each adjusted modulation signal onto each modulated signal; and comparing the performance indices of modulated signals with set performance indices, wherein the delay of at least one modulation signal is adjusted when the set performance indices are not reached, until the performance indices of modulated signals reach the set performance indices are not reached, until the performance indices of modulated signal is set as an output signal, or each current modulation signal is set as an input signal when the set performance indices are reached. The disclosure further discloses an apparatus for reducing mutual interface of multi-carrier. The disclosure can improve the performance obviously under the circumstance of arranging the multi-carrier adjacent to each other, and enable the multiple carriers to operate simultaneously in the coverage area of one radio signal, thereby greatly improving the frequency spectrum utilization ratio.

No. of Pages : 24 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(51) International classification (71)Name of Applicant : :H01K **1)ZTE CORPORATION** (31) Priority Document No :200910164900.9 (32) Priority Date Address of Applicant :ZTE Plaza Keji Road South Hi-Tech :19/08/2009 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2009/075212 (72)Name of Inventor : 1)TAN Yuanchun; Filing Date :30/11/2009 (87) International Publication No : NA 2)PENG Focai; (61) Patent of Addition to Application 3)LIU Liping; :NA Number 4)LI Xianxi; :NA Filing Date 5)LEI Wei; (62) Divisional to Application Number :NA 6)SUN Hua; Filing Date :NA

(54) Title of the invention : METHOD AND DEVICE FOR REPORTING CHANNEL STATE INFORMATION APERIODICALLY

(57) Abstract :

The disclosure discloses a method and device for reporting channel state information aperiodically. Wherein the method comprises: collecting the channel state information reported by the UE through the configured receiving window; determining the change speed degree of the channel state of the UE according to the criterion for determining a change speed of the channel state information; deciding whether the UE needs to perform aperiodic reporting according to the mapping relationship between the change speed degree of the channel state information and a reporting period adjusting value, and determining timing for the aperiodic reporting if needed.. By the method of the disclosure, on one hand, the base station sufficiently obtains the channel state information reported by the UE, which benefits for more suitable scheduling and resource allocating for the UE; on the other hand, PUSCH resources can be used more rationally.

No. of Pages : 33 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESSES AND SYSTEMS FOR RECOVERY OF STYRENE FROM A STYRENE-CONTAINING FEEDSTOCK

(51) International classification (31) Priority Document No.	:D01H :61/226.630	(71)Name of Applicant : 1)GTC TECHNOLOGY US LLC
(32) Priority Date	:17/07/2009	Address of Applicant :1001 S. Dairy Ashford Rd. Suite 500
(33) Name of priority country	:U.S.A.	Houston TX 77077 United States of America
(86) International Application No	:PCT/US2010/035888	(72)Name of Inventor :
Filing Date	:22/05/2010	1)DING Zhongyi
(87) International Publication No	: NA	2)JIN Weihua
(61) Patent of Addition to Application	·NA	3)CIMPEANU Andrei
Number	·NA	4)SEALEY Amy
Filing Date	.1 11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In various embodiments the present disclosure describes processes and systems for recovery of styrene from a styrene-rich feedstock. The processes and systems maintain performance of an extractive solvent used in the styrene recovery. In general the processes include introducing a styrene-rich feedstock to an extractive distillation column removing a styrene-rich stream from the extractive distillation column introducing the styrene-rich stream to a solvent recovery column removing a styrene-lean stream from the solvent recovery column separating and treating a portion of the styrene-lean stream to form a treated extractive solvent and recycling the treated extractive solvent. In some embodiments the treating process also includes steam stripping. Styrene-recovery systems including an extractive distillation column a solvent recovery column a solvent treatment apparatus having at least one equilibrium stage and a continuous circulation loop connecting these components are also disclosed herein.

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

(19) INDIA

(22) Date of filing of Application :17/01/2012

:C07C (51) International classification (71)Name of Applicant : 1)SCHOTT AG :10 2011 (31) Priority Document No 008 953. Address of Applicant :HATTENBERGSTRAE 10, 55122 MAINZ (DE) Germany 551 :19/01/2011 (72)Name of Inventor : (32) Priority Date (33) Name of priority country **1)SEIBERT, VOLKER** :Germany (86) International Application No :NA 2)SCHAFER, MARTIN Filing Date :NA **3)WESTERHOFF, THOMAS** (87) International Publication No :NA 4)REITER, RALF (61) Patent of Addition to Application Number :NA 5)JEDAMZIK, RALF Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SUBSTRATE WITH LIGHTWEIGHT STRUCTURE

(57) Abstract :

The invention relates to a monolithic substrate preferably comprising glass or glass ceramics, wherein the substrate has a lightweight structure, and to a method for manufacturing same. The lightweight structure comprises recesses which are delimited by webs, such webs forming tetragonal or four-corner-shaped pockets. Due to the lightweight structure, the weight of the substrate can be significantly reduced, and at the same time a high rigidity can be ensured. The substrate is preferably used as a mirror support or a mirror and can be employed terrestrially and/or extra-terrestrially.

No. of Pages : 25 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD FOR REMOVING METHYLENE-BRIDGED POLYPHENYL POLYAMINES FROM AN AQUEOUS STREAM

(51) International classification	:C08G 73/02	(71)Name of Applicant :
(31) Priority Document No	:09167225.3	1)HUNTSMAN INTERNATIONAL LLC
(32) Priority Date	:02/09/2009	Address of Applicant :500 HUNTSMAN WAY, SALT LAKE
(33) Name of priority country	:EUROPEAN	CITY, UTAH 84108, UNITED STATES OF AMERICA
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/060627	1)RABAH MOUAZER
Filing Date	:22/07/2010	2)JOHANNES LODEWIJK KOOLE
(87) International Publication No	:WO 2011/026690	3)RAMON SCHEFFER
(61) Patent of Addition to Application	٠NA	
Number	.INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for removing methylene-bridged polyphenyl polyamines from an aqueous stream comprising said methylene-bridged polyphenyl polyamines according to the invention comprises the steps of: - Providing a pertraction equipment comprising a membrane with a first side and a second side opposite to said first side; - Bringing an aqueous stream comprising methylene-bridged polyphenyl polyamines into contact with the first side of the membrane and bringing an organic stream into contact with the second side of the membrane, thereby causing the methylene-bridged polyphenyl polyamines to transfer from the aqueous stream through the membrane to the organic stream. The method further comprises, before bringing the aqueous stream and organic stream in contact with the membrane, the step of wetting the membrane with a liquid having a surface tension of less than 40mN/m.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H04W 48/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:NA	Sweden
(86) International Application No	:PCT/SE2009/050948	(72)Name of Inventor :
Filing Date	:25/08/2009	1)WIDELL, DANIEL
(87) International Publication No	:WO 2011/025418	
(61) Patent of Addition to Application	٠NA	
Number	.INA •NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ADMISSION CONTROL IN A WIRELESS COMMUNICATION SYSTEM

(57) Abstract :

Method and arrangement in a base station controller for admission control of a user equipment, to be served by a base station controlled by the base station controller, the base station, the base station controller and the user equipment are comprised within a wireless communication system. The method comprising the steps of receiving an admission request from the user equipment, computing an admission criteria value K, calculating a user weight value W for the user equipment, comparing the calculated user weight value W with the computed admission criteria value K, admitting the user equipment to be served by the base station, if the calculated user weight value W is smaller than the computed admission criteria value K.

No. of Pages : 23 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR DETECTING ARCS IN PHOTOVOLTAIC SYSTEMS AND SUCH A PHOTOVOLTAIC SYSTEM

 (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 	:G01R 31/08 :A 1285/2009 :14/08/2009 :Austria :PCT/AT2010/000194 :02/06/2010 :WO 2011/017721 :NA :NA :NA	 (71)Name of Applicant : 1)FRONIUS INTERNATIONAL GMBH Address of Applicant :VORCHDORFER STRASSE 40, A- 4643 PETTENBACH, AUSTRIA (72)Name of Inventor : 1)ANDREAS PAMER 2)GUNTER RITZBERGER 3)FRIEDRICH OBERZAUCHER
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for detecting arcs in a direct-current path of a photovoltaic system, wherein values of a current (IDC) Of the direct-current path are detected during a repeating time frame (7) and a mean value (8) is generated, and such a photovoltaic system. In order to reliably detect arcs by means of a component of the photovoltaic system, values of a voltage (UDC), of the direct-current path are detected during the time frame (7) and a mean value (8, 81) is generated, and at least one detection signal (9) and at least one detection threshold (10) are continuously calculated based on the mean values (8, 8') for the current (IDC) and the voltage (UDC) by means of a calculation method.

No. of Pages : 20 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICES AND METHODS FOR POSITION DETERMINATION AND SURFACE MEASUREMENT

		(71)Name of Applicant :
(51) International classification	:G01B 11/00	1)CARL ZEISS AG
(31) Priority Document No	:10 2009 040 837.1	Address of Applicant :CARL-ZEISS-STRASSE 22, 73447
(32) Priority Date	:10/09/2009	OBERKOCHEN, GERMANY
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/062637	1)BERND SPRUCK
Filing Date	:30/08/2010	2)CRISTINA ALVAREZ DIEZ
(87) International Publication No	:WO 2011/029740	3)SIMON BRATTKE
(61) Patent of Addition to Application	•NI A	4)LARS-CHRISTIAN WITTIG
Number	.INA •NA	5)STEFAN RICHTER
Filing Date	.INA	6)ENRICO GEISSLER
(62) Divisional to Application Number	:NA	7)CHRISTIAN KOOS
Filing Date	:NA	8)OLIVER SCHMIDT
-		9)FRANK HOELLER

(57) Abstract :

In an embodiment a method for position determination of an object (25) in a spatial area (28) is provided in which the object (25) is illuminated with at least one light beam (22, 27). The light beam (22, 27) does not cover the complete spatial area (28) and is guided into a part of the spatial area in which the object (25) is present depending on the position of the object (25). In another aspect a method for measuring a surface is provided.

No. of Pages : 46 No. of Claims : 36
(21) Application No.1490/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M 5/158 :61/226,819 :20/07/2009 :U.S.A. :PCT/US2010/042173 :15/07/2010	 (71)Name of Applicant : (71)B. BRAUN MEDICAL INDUSTRIES SDN., BHD. Address of Applicant :BAYAN LEPAS FREE INDUSTRIAL ZONE, PENANG, 10810 MALAYSIA. (72)Name of Inventor : 1)NG CHAI WAYNE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/011263 :NA :NA :NA :NA	2)MOHD MOIDEEN IRWAN SHAH 3)TEOH TENG SUN 4)CHNG HANG KHIANG

(54) Title of the invention : SAFETY NEEDLE ASSEMBLY AND METHODS

(57) Abstract :

The safety needle assembly includes a body and a wing assembly secured to the body. A grip is slidable along the exterior of the body, and a needle holder is slidable through an interior passageway in the body. The grip slides independently of the wing assembly, which is not slidable with respect to the body. The grip and the needle holder are secured to one another, so that sliding movement of the grip induces sliding movement of the needle holder. The grip and the needle holder are slidable between a distal position, in which a sharp distal tip of a needle held in the needle holder is exposed, and a proximal position, in which the sharp distal tip is not exposed.

No. of Pages : 30 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : 3-TRIAZOLYLPHENYL-SUBSTITUTED SULFIDE DERIVATIVES FOR USE AS ACARICIDES AND INSECTICIDES

(51) International classification	:C07D 249/08	(71)Name of Applicant :
(31) Priority Document No	:09168284.9	1)BAYER CROPSCIENCE AG
(32) Priority Date	:20/08/2009	Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
(22) Name of priority country	:EUROPEAN	MONHEIM, GERMANY
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/004844	1)BERND ALIG
Filing Date	:07/08/2010	2)STEFAN ANTONS
(87) International Publication No	:WO 2011/020567	3)REINER FISCHER
(61) Patent of Addition to Application	. NT A	4)NORBERT LUI
Number	:INA	5)ADELINE KOHLER
Filing Date	:INA	6)ARND VOERSTE
(62) Divisional to Application Number	:NA	7)ULRICH GORGENS
Filing Date	:NA	

(57) Abstract :

The present invention constitutes new 3-triazolylphenyl-substituted sulphide derivatives of the formula (I) in which A1, A2, B0, B1, B2, B3, X, R1, R2 and n are as defined in the description, to their use as acaricides and insecticides for controlling animal pests, and to processes for preparing them.

No. of Pages : 77 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF LOW MOLECULAR WEIGHT HYDROGENATED NITRILE RUBBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J 31/22 :09169064.4 :31/08/2009 :Germany :PCT/EP2010/062500 :26/08/2010 :WO 2011/029732 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 LEVERKUSEN, GERMANY (72)Name of Inventor : 1)CHRISTOPHER ONG 2)JULIA MARIA MULLER
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(57) Abstract :

Pursuant to the invention a process for the production of hydrogenated nitrile rubber polymers having lower molecular weights and narrower molecular weight distributions than those known in the art in the is provided wherein the process is carried out in the presence of hydrogen and optionally at least one co-(olefin). The present invention further relates to the use of specific metal compounds in a process for the production of a hydrogenated nitrile rubber by simultaneous hydrogenation and metathesis of a nitrile rubber.

No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CRACK AND SCRATCH RESISTANT GLASS AND ENCLOSURES MADE THEREFROM		
 (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 	:C03C 3/091 :61/235,767 :21/08/2009 :U.S.A. :PCT/US2010/046185 :20/08/2010 :WO 2011/022661 :NA :NA :NA	 (71)Name of Applicant : CORNING INCORPORATED Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA (72)Name of Inventor : KRISTEN L BAREFOOT TIMOTHY MICHAEL GROSS MATTHEW JOHN DEJNEKA SINUE GOMEZ NAGARAJA, SHASHIDHAR

(57) Abstract :

A glass and an enclosure for mobile electronic devices comprising the glass. The glass has a crack initiation threshold that is sufficient to withstand direct impact, has a retained strength following abrasion that is greater than soda lime and alkali aluminosilicate glasses, and is resistant to damage when scratched. The enclosure includes cover plates, windows, screens, and casings for mobile electronic devices and information terminal devices.

No. of Pages : 33 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :G01W (71)Name of Applicant : (31) Priority Document No 1)Technical University of Denmark :PA 2009 00879 (32) Priority Date Address of Applicant : Anker Engelundsvej 1 Bygning 101A :17/07/2009 (33) Name of priority country DK-2800 Kgs. Lyngby Denmark :Denmark (86) International Application No 2)Rigshospitalet :PCT/DK2010/050192 (72)Name of Inventor : Filing Date :16/07/2010 (87) International Publication No : NA 1)Anncatrine Luisa Petersen (61) Patent of Addition to Application 2)Palle Hedengran Rasmussen :NA Number 3)Jonas Rosager Henriksen :NA Filing Date 4)Andreas Kj¦r (62) Divisional to Application Number :NA 5)Thomas Lars Andresen Filing Date :NA

(54) Title of the invention : LOADING TECHNIQUE FOR PREPARING RADIONUCLIDE CONTAINING NANOPARTICLES

(57) Abstract :

The present invention relates to a novel composition and method for loading delivery systems such as liposome compositions with radionuclides useful in targeted diagnostic and/or therapy of target site such as cancerous tissue and in general pathological conditions associated with leaky blood vessels. The composition and methods of the invention find particular use in diagnosing and imaging cancerous tissue and in general pathological conditions associated with leaky blood vessels in a subject. The present invention provides a new diagnostic tool for the utilization of positron emission tomography (PET) imaging technique. One specific aspect of the invention is directed to a method of producing nanoparticles with desired targeting properties for diagnostic and/or radio-therapeutic applications.

No. of Pages : 151 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A01N 37/18	(71)Name of Applicant :
(31) Priority Document No	:61/273,488	1)IPSEN PHARMA S.A.S
(32) Priority Date	:05/08/2009	Address of Applicant :65, QUAI GEORGES GORSE, F-
(33) Name of priority country	:U.S.A.	92100 BOULOGNE-BILLANCOURT, FRANCE
(86) International Application No	:PCT/US2010/043832	(72)Name of Inventor :
Filing Date	:30/07/2010	1)HALEM, HEATHER, A.
(87) International Publication No	:WO 2011/017209	2)CULLER, MICHAEL, DEWITT
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : USE OF MELANOCORTINS TO TREAT DYSLIPIDEMIA

(57) Abstract :

The present invention relates to peptide ligands of the melanocortin receptors, in particular the melancortin-4 receptor, and as such, are useful in the treatment of dyslipidemia and associated complications such as alcoholic and non-alcoholic fatty liver disease.

No. of Pages : 132 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PUMP UNIT FOR SUPPLYING FUEL, PREFERABLY DIESEL OIL, TO AN INTERNAL COMBUSTION ENGINE

 (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 	:F04B 53/10 :MI2009A001948 :06/11/2009 :Italy :PCT/EP2010/065272 :12/10/2010 :WO 2011/054632 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : 1)RZYMANN, THILO 2)LOIUDICE, NICOLA 3)RONCONE, MASSIMILIANO 4)STOECKLEIN, WOLFGANG
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(57) Abstract :

Described herein is a pump unit (1) for supplying fuel, particularly diesel oil, to an internal combustion engine. The pump unit (1) includes a pump housing (2), a delivery passage (3) formed in the pump housing (2) for supplying the fuel to the internal combustion engine and a check valve (9) positioned in the delivery passage (3). The check valve (9) includes a plug (10) that is movable between a position in which the plug (10) opens the delivery passage (3) and a position in which the plug (10) closes the delivery passage (3). The check valve (9) further includes a first annular conical seat (8) formed in the delivery passage (3) to receive the plug (10) after its movement from the open to the closed position. The pump unit (10) further includes a stop element (11) fitted in the delivery passage (3) and provided with a second annular conical seat (14) for receiving and retaining the plug (10) after the movement of the latter from the closed to the open position.

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

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F04B 37/14	(71)Name of Applicant :
(31) Priority Document No	:102009028831.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:24/08/2009	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/060001	(72)Name of Inventor :
Filing Date	:13/07/2010	1)FLEIG, HARRY
(87) International Publication No	:WO 2011/023448	2)JOHANNING, ANDRE
(61) Patent of Addition to Application	٠NIA	3)BAUER, BERTRAM
Number	INA INA	4)KRUEGER, HARTMUT
Filing Date	.NA	5)MERZ, HARALD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : VACUUM PUMP WITH PRESSURE EQUALIZATION

(57) Abstract :

Described herein is a vacuum pump (150), particularly for use in a motor vehicle (110), comprising an inlet side (230) for sucking in a fluid medium and an outlet side (240) for delivering the medium which is sucked into a surrounding area (280), where the outlet side (240) comprises an outlet non-return valve (260), which counteracts a return flow of the medium out of the surrounding area (280), where the outlet side (240) has a pressure equalization element (270) for equalizing a vacuum in the vacuum pump (150) with respect to the surrounding area (280), wherein the pressure equalization element (270) is set up for counteracting the entry of damaging substances out of the surrounding area (280) into the vacuum pump (150).

No. of Pages : 13 No. of Claims : 10

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:B60R 16/033	(71)Name of Applicant :
(31) Priority Document No	:2009-213537	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:15/09/2009	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 107-8556, JAPAN
(86) International Application No	:PCT/JP2010/065322	(72)Name of Inventor :
Filing Date	:07/09/2010	1)HIDEAKI NAKAGAWA
(87) International Publication No	:WO 2011/033966	2)ISAO SHOKAKU
(61) Patent of Addition to Application	٠NA	3)KENJI TAMAKI
Number		
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an electric vehicle in which a high voltage battery supplying electric power to an electric motor generating power to drive a drive wheel and a low voltage battery supplying electric power to an accessory are mounted in a vehicle body, a breaker (62) is provided in a circuit (74) of a high power system linked to the high voltage battery (36); manual connection-disconnection means (71) for allowing switching between connection and disconnection of a circuit (75) of a low power system linked to the low voltage battery (40) to be performed by a manual operation is provided in the circuit (75) of the low power system; a relay switch (63, 64) which is capable of performing switching between connection and disconnection of the circuit (74) of the high power system by being supplied with electric power from the circuit (75) of the low power system, and which interrupts the circuit (74) of the high power system when the circuit (75) of the low power system is interrupted is provided on the circuit (74) of the high power system; and touch prevention means allows the breaker (62) to be touched only when the circuit (75) of the low power system is interrupted by using the manual connection-disconnection means (71). Accordingly, it is possible to make a work procedure in the maintenance of a breaker of a high power system easier to follow.

No. of Pages : 44 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : STORAGE-STABLE, SYNERGISTIC MICROBICIDAL CONCENTRATES CONTAINING AN ISOTHIAZOLONE, AN AMINE AND AN OXIDIZING AGENT

 (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 	:A01N 43/80 :10 2009 048 189.3 :02/10/2009 :Germany :PCT/EP2010/063980 :22/09/2010 :WO 2011/039088	 (71)Name of Applicant : 1)L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 QUAI D'ORSAY F-75007 PARIS, FRANCE (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)BEILFUSS WOLFGANG 2)GRADTKE RALF 3)KRULL INGO 4)KNOPF JENNIFER

(57) Abstract :

The invention relates to a microbicidal composition in the form of a concentrate which comprises a) one or more isothiazolin-3-ones, b) one or more organic amines with an alkyl group having at least 8 carbon atoms and c) one or more oxidizing agents. The concentrate is storage-stable and is used for the preservation of technical and domestic products.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTIMICROBIALLY EFFECTIVE USE SOLUTIONS COMPRISING COMBINATIONS OF ISOTHIAZOLONES AND AMINES

 (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 	:A01N 43/80 :10 2009 048 188.5 :02/10/2009 :Germany :PCT/EP2010/063983 :22/09/2010 :WO 2011/039090	 (71)Name of Applicant : 1)L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 QUAI D'ORSAY F-75007 PARIS, FRANCE (72)Name of Inventor :
 (61) Patent of Addition to Application	:NA	1)BEILFUSS WOLFGANG
Number	:NA	2)GRADTKE RALF
Filing Date (62) Divisional to Application Number	:NA	3)KRULL INGO
Filing Date	:NA	4)KNOPF JENNIFER

(57) Abstract :

The invention relates to a microbicidal use solution which comprises a)one or more isothiazolin-3-ones and b)one or two organic amines selected from N-dodecylpropane -1,3-diamine and bis (aminopropyl) - dodecylamine and optionally c)one or more oxidizing agents. The use solution is preferably in the form of technical and domestic products.

No. of Pages : 24 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A PROCESS FOR MAKING A STRETCH-BLOW MOULDED CONTAINER HAVING AN INTEGRALLY MOULDED HANDLE

 (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 	:B29C 49/18 :09169506.4 :04/09/2009 :EPO :PCT/US2010/047456 :01/09/2010 :WO 2011/028759 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA (72)Name of Inventor : 1)GERLACH, CHRISTIAN, GERHARD FRIEDRICH 2)ETESSE, PATTRICK, JEAN-FRANCOIS
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(57) Abstract :

The present invention relates to a process for making a container having an integral handle, comprising the steps of: a) providing a preform (1) in a mould cavity (2); b) stretch-blow moulding the preform (1) to form an intermediate container (3); c) applying one or more inwardly moving plugs (5) to form one or more concave gripping region(s), whilst maintaining the pressure within the intermediate container (3) above 1 bar and whilst the temperature of the material in the gripping region of the intermediate container is at a temperature below the glass transition temperature, Tg; d) releasing excess pressure within the container, preferably prior to withdrawing the plug (5) from within the container; and e) ejecting the finished container (6) from the mould cavity (2, 4).

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TUBE SET FOR A BLOOD HANDLING APPARATUS AND BLOOD HANDLING APPARATUS COMPRISING A TUBE SET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (13/08/2010 (87) International Publication No (92) Publication No (92) Divisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Publication Number (94) Publication Number (95) Publication Number (94) Publication Number (95) Publication Number (94) Publication Number (95) Publication Number (95) Publication Number (96) Public	 (71)Name of Applicant : (71)Name of Applicant : (1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :ELSE-KRONER-STRASSE 1, BAD HOMBURG V.D.H. 61352 (DE) Germany (72)Name of Inventor : (72)Name of Inventor : (1)HERRENBAUER, MICHAEL (20585 2)POHLMEIER, ROBERT (3)LAUBROCK, ANDREAS (4)BACHMANN, ANGELIKA
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(57) Abstract :

The invention relates to a tube set for a blood handling apparatus, in particular an extracorporeal blood handling apparatus with an extracorporeal blood circuit or an apparatus for peritoneal dialysis. In addition, the invention relates to a blood handling apparatus that has such a tube set. The tube set (1) according to the invention is distinguished by a device (6) for collecting particles, which is provided in a tube line portion (3D) of the tube line (3) of the tube set that lies downstream of the tube portion (3C) to be placed into the occluding hose pump. The device (6) for collecting particles prevents retention of solid substances that are possibly contained in the dialysis fluid, the substituate or the peritoneal solution. The tube set according to the invention also has a device (8) for limiting the pressure in the tube line portion (3E), which lies between the tube portion (3C) to be placed into the occluding hose pump and the device (6) for collecting particles. The device for limiting the positive pressure prevents an excessive positive pressure from building up in the tube line when the flow of fluid through the device for collecting particles is reduced or interrupted.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :B01J 31/22 (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH (31) Priority Document No :09169059 Address of Applicant :51369 LEVERKUSEN, GERMANY (32) Priority Date :31/08/2009 (72)Name of Inventor: :EUROPEAN (33) Name of priority country **1)CHRISTOPHER ONG** UNION (86) International Application No :PCT/EP2010/062529 2)JULIA MARIA MULLER Filing Date :27/08/2010 (87) International Publication No :WO 2011/023788 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYDROGENATED NITRILE RUBBER

(57) Abstract :

The present invention relates to a process for the production of hydrogenated nitrile rubber polymers having lower molecular weights and narrower molecular weight distributions than those known in the art, wherein the process is carried out in the presence of hydrogen and optionally at least one co-olefin. The present invention further relates to the use of specific metal compounds in a process for the production of a hydrogenated nitrile rubber by simultaneous hydrogenation and metathesis of a nitrile rubber.

No. of Pages : 36 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DRAIN PIPE

(51) International classification	:C11D7/00	(71)Name of Applicant :
(31) Priority Document No	:10-2013- 0049299	1)SEJOO CO., LTD. Address of Applicant :213ho, 2F, 16-25, Dongbaekjungang-ro
(32) Priority Date	:02/05/2013	16beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of
(33) Name of priority country	:Republic	Korea.
(55) Name of priority country	of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)O, Tea Ju
Filing Date	:NA	
(87) 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 :

There is provided a drainpipe includes a metallic material upper cover part including a cover formed with a plurality of punched holes and including a first wall surface, a second wall surface facing the first wall surface and a cover surface, and a first coupling flange extended from each of the first wall surface and the second wall surface; a lower support part including a second coupling flange coupled to or decoupled from the first coupling flange; a shock absorbing part placed under the lower support part; and a nonwoven fabric covering the punched hole, wherein a passageway for drainage is formed by coupling the first coupling flange and the second coupling flange. It is easy to newly construct, replace or manage the drainpipe.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BIODEGRADABLE ALIPHATIC-AROMATIC COPOLYESTERS, METHODS OF MANUFACTURE, AND ARTICLES THEREOF Т

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Same of priority country (35) Name of priority country (36) International Application No (37) International Publication Number (38) International Publication Number (39) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (32) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (33) International Publication	G 63/183 45,073(71)Name of Applicant : 1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :PLASTICSLAAN 1, NL-4612 PX BERGEN OP ZOON (NL) Netherlands (72)Name of Inventor : 1)KANNAN, GANESH 2)ALIDEDEOGLU, HUSNU ALP 3)GALLUCCI, ROBERT RUSSELL 4)MILLER, KENNETH FREDERICK
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(57) Abstract :

Biodegradable compositions containing an aliphatic-aromatic copolyester derived from aromatic polyesters. Methods of making the compositions and articles made from the compositions.

No. of Pages : 43 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C22C 19/05 :2009-214478 :16/09/2009 :Japan :PCT/JP2010/062358 :22/07/2010 :WO 2011/033856 :NA :NA :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN (72)Name of Inventor : I)ISEDA, ATSURO I)HIRATA, HIROYUKI 3)OKADA, HIROKAZU 4)SEMBA, HIROYUKI
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(54) Title of the invention : NI-BASED ALLOY PRODUCT AND PRODUCING METHOD THEREOF

(57) Abstract :

To provide a Ni-based alloy product for a heat and pressure-resistant part and a producing method therefor. [Solution] A Ni-based alloy product consisting of, by mass percent, C: 0.03 to 0.10%, Si: 0.05 to 1.0%, Mn: 0.1 to 1.5%, Sol.Al: 0.0005 to 0.04%, Fe: 20 to 30%, Cr: not less than 21.0% and less than 25.0%, W: exceeding 6.0% and not more than 9.0%, Ti: 0.05 to 0.2%, Nb: 0.05 to 0.35%, and B: 0.0005 to 0.006%, the balance being Ni and impurities, and the impurities being P: 0.03% or less, S: 0.01% or less, N: less than 0.010%, Mo: less than 0.5%, and Co: 0.8% or less, wherein the product has a composition such that the value of effective B (Beff) defined by Formula (1) is 0.0050 to 0.0300%, and the rupture elongation in a tensile test at 700°C and at a strain rate of 10-6/sec is 20% or more: Beff (%) = B - (1 $\frac{1}{4}$ xN + (1 $\frac{1}{48}$ xTi ...(1) This alloy may contain one or more kinds of Cu, Ta, Zr, Mg, Ca, REM, and Pd. This alloy product is suitable especially as a large-sized product.

No. of Pages : 35 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRIMER-TREATING AGENT FOR PRECOATED METAL SHEET, PRIMER-TREATED METAL SHEET COATED THEREWITH, AND PRECOATED METAL SHEET USING THE SAME EXCELLENT IN COATING FILM ADHESION AFTER STAMPING

 (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 	:C23C 22/68 :2009-181645 :04/08/2009 :Japan :PCT/JP2010/063435 :02/08/2010 :WO 2011/016570 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION, Address of Applicant :6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan, 2)NIHON PARKERIZING CO., LTD. (72)Name of Inventor : 1)HIROYASU FURUKAWA 2)KOHEI UEDA 3)AKIRA TAKAHASHI 4)HIROMASA NOMURA 5)YOSHIO KIMATA 6)YASUHIRO KINOSHITA 7)KENSUKE MIZUNO 8)TOMOYOSHI KONISHI
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(57) Abstract :

A primer-treating agent for a precoated metal sheet, comprising each in terms of a solid content in water: a polyester resin having a particle size of 50 to 150 nm, a glass transition temperature (Tg) of 0 to 30°C and a hydroxyl value of 5 to 13, in addition to tannin or tannic acid, a silane coupling agent and fine particulate silica; wherein the pH value as the treating agent is 2.0 to 6.5. There is provided a stable primer-treating agent for a precoated metal sheet such that no precipitate is formed in the practical long-term operation for producing a precoated metal sheet in a steady state.

No. of Pages : 50 No. of Claims : 9

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL SIGNALING ON PHYSICAL UPLINK SHARED CHANNEL

(51) International classification	:H04W 72/04	(71)Name of Applicant :
(31) Priority Document No	:200910189926.9	1)ZTE CORPORATION
(32) Priority Date	:01/09/2009	Address of Applicant : ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
(86) International Application No	:PCT/CN2010/074551	SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.
Filing Date	:25/06/2010	CHINA
(87) International Publication No	:WO 2010/145588	(72)Name of Inventor :
(61) Patent of Addition to Application	٠NIA	1)XIA, SHUQIANG
Number	.INA ·NA	2)YANG, WEIWEI
Filing Date	.11A	3)LIANG, CHUNLI
(62) Divisional to Application Number	:NA	4)DAI, DO
Filing Date	:NA	5)XU, JUN

(57) Abstract :

The present invention discloses a method for transmitting uplink control signaling in a Physical Uplink Shared Channel (PUSCH). The method includes: when two transport blocks/codewords are transmitted in the PUSCH, mapping uplink control signaling to the layer corresponding to one of the two transport blocks / codewords to transmit. The present invention also discloses an apparatus for transmitting uplink control signaling in the PUSCH. The apparatus includes: a mapping unit, used for mapping uplink control signaling to the layer corresponding to one of two transport blocks/codewords when the two transport blocks/codewords are transmitted in the PUSCH; and a transmission unit, used for transmitting the uplink control signaling. The present invention effectively solves the problem of transmitting uplink control signaling in the PUSCH when the PUSCH uses spatial multiplexing in an LTE-A system, and ensures the data capacity. The channel quality corresponding to the transport blocks selected in various ways is relatively good, thereby ensuring the transmission quality of the uplink control signaling.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR SUPPORTING A DRIVER OF A VEHICLE WHEN MANEUVERING IN OR OUT OF A PARKING SPACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (36) International Publication No (37) International Publication No (38) Name of Publication No (39) Name of Publication No (30) Name of Publication Number (30) Publication Number (31) Publication Number (31) Publication Number (32) Publication Number (33) Name of Publication Number (36) Publication Number (37) Name of Publication Number (38) Name of Publication Number (39) Name of Publication Number (30) Publication Number (31) Publication Number (31) Publication Number (32) Publication Number (31) Publication Number (31) Publication Number (31) Publication Number (32) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (35) Publication Number (36) Publication Number (36) Publication Number (36) Publication Number	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 823 (72)Name of Inventor : 1)STAACK, JOCHEN 2)SCHNEIDER, MARCUS 3)HOFFMANN, CHRISTIAN
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(57) Abstract :

The present subject matter relates to a method for supporting a driver of a vehicle (1) when maneuvering in or out of a parking space (3), where the surrounding of the vehicle (1) is detected during the maneuvering in or out the vehicle (1) in the parking space (3) and the surrounding is compared to previously detected data of the surrounding in order to detect objects (17) not previously detected. Further, it is evaluated whether stopping the vehicle (1) before a collision with an additionally detected object (17) is still possible, initiating an emergency braking or issuing a warning to the driver to initiate emergency braking, and carrying out risk-minimizing measures when a collision cannot be avoided or can just barely be avoided.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HETEROCYCLIC OXIME COMPOUNDS

(51) International classification	:C07D 471/04	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND
(31) Priority Document No	:61/235,440	(72)Name of Inventor :
(32) Priority Date	:20/08/2009	1)DAI MIAO
(33) Name of priority country	:U.S.A.	2)FU XINGNIAN
(86) International Application No	:PCT/EP2010/062057	3)HE FENG
Filing Date	:18/08/2010	4)JIANG LEI
(87) International Publication No	:WO 2011/020861	5)LI YUE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)LIANG FANG 7)LIU LEI 8)MI YUAN
(62) Divisional to Application Number	:NA	9)XU YAO-CHANG
Filing Date	:NA	10)XUN GUOLIANG
		11)YAN XIAOXIA
		12)YU ZHENGTIAN
		13)ZHANG JI YUE

(57) Abstract :

The invention relates to compounds of formula (I) and salts thereof wherein the substituents are as defined in the specification; a compound of formula (I) for use in the treatment of the human or animal body, in particular with regard to c-Met tyrosine kinase mediated diseases or conditions; the use of a compound of formula (I) for manufacturing a medicament for the treatment of such diseases; pharmaceutical compositions comprising a compound of the formula (I), optionally in the presence of a combination partner, and processes for the preparation of a compound of formula (I).

No. of Pages : 170 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRANSGENIC PLANTS HAVING INCREASED BIOMASS

 (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 	:C12N 15/29 :61/226,969 :20/07/2009 :U.S.A. :PCT/US2010/042602 :20/07/2010 :WO 2011/011412 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CERES INC. Address of Applicant :1535 RANCHO CONEJO BOULEVARD, THOUSAND OAKS, CALIFORNIA 91320- 1440, USA (72)Name of Inventor : 1)WU CHUAN-YIN 2)KIM HAN-SUK 3)MAGPANTAY GERAND 4)ZHOU FASONG 5)SOSA JULISSA 6)NADZAN GREG 7)PENNELL ROGER I. 8)ACHIRILOAIE MIRCEA 9)WANG WUYI
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(57) Abstract :

Methods and materials for modulating biomass levels in plants are disclosed. For example, nucleic acids encoding biomassmodulating polypeptides are disclosed as well as methods for using such nucleic acids to transform plant cells. Also disclosed are plants having increased biomass levels and plant products produced from plants having increased biomass levels.

No. of Pages : 352 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

 (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 	:B65D 47/20 :A 1403/2009 :07/09/2009 :Austria :PCT/EP2010/063102 :07/09/2010 :WO 2011/026993 :NA :NA :NA :NA	 (71)Name of Applicant : 1)XOLUTION GMBH Address of Applicant :TENGSTRASSE 37, 80796 MUNCHEN, GERMANY (72)Name of Inventor : 1)BRATSCH, CHRISTIAN
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(54) Title of the invention : CONTAINER LID HAVING A PRESSURE EQUALIZING DEVICE

(57) Abstract :

The invention relates to a lid (100) of a container, especially a beverage can, comprising a substantially flat lid surface (101) and a preferably folded edge area (102), and at least one pouring opening (103) arranged on the lid surface (101), which pouring opening can be closed in a gas-tight and/or fluid-tight manner by way of at least one closure element (120) arranged in the region of the underside of the lid surface (101) facing the interior of the container, with the closure element (120) being movable from a closed position to an open position by an actuating element (110), and at least one pressure equalizing device is provided which cooperates with the at least one actuating element (110), wherein the at least one pressure equalizing device comprises at least one closing element (112, 113), and at least one pressure equalizing opening (123) is provided which is closeable by means of the at least one closing element (112, 113, 114) when the actuating element (110) is in the closed position and can be exposed entirely upon moving the actuating element (110) from the closed position to the open position, with the exposure of the pressure equalizing opening (123) being reversible.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (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 	:F02D 41/20 :102009029590.9 :18/09/2009 :Germany :PCT/EP2010/062203 :23/08/2010 :WO 2011/032804 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : 1)BECKER, THOMAS 2)FUCHS, EGBERT 3)LANDHAEUSSER, FELIX 4)KOBER, RALPH 5)RAPP, HOLGER 6)GANN, THOMAS
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(54) Title of the invention : METHOD AND CONTROL UNIT FOR OPERATING A VALVE

(57) Abstract :

Described herein is a method for operating a valve (100) that is activated by an actuator (102, 104), in particular an injection valve (100) of an internal combustion engine of a motor vehicle. The method includes actuating the actuator (102, 104) by an actuation signal (I) characterizing a desired opening time(Top) of the valve (100); and correcting the actuation signal (I) characterizing the desired opening time (Top), based on a valve delay time (t11, t2) in order to obtain a corrected actuation signal (Ikorr) for actuating the actuator (102, 104), wherein the valve delay time (t11, t2) represents a time difference between the actuation signal (I) and an actual change to an operating state of at least one component of the valve (100), in particular of the valve element (104) of an electromagnetic actuator or a valve needle (116).

No. of Pages : 33 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication Number (37) International Publication Number (37) International Publication Number (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (33) International Publication Number (34) International Publication Number (35) International Publication Number (36) International Publication Number (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Pub	 (71)Name of Applicant : 1)SHEETAK INC Address of Applicant :1613 SOUTH CAPITAL OF TEXAS HIGHWAY SUITE 204 AUSTIN, TX 78746, UNITED STATES 81 U.S.A. (72)Name of Inventor : 1)GHOSHAL, UTTAM 2)GUHA, AYAN
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(54) Title of the invention : HEAT PIPES AND THERMOELECTRIC COOLING DEVICES

(57) Abstract :

In various embodiments of the present invention, a thermoelectric cooling device with a thermoelectric device, heat pipe and a heat sink is provided. The thermoelectric device is connected to a chamber through a metal standoff. The chamber contains a fluid that needs to be cooled. The metal standoff has a shape, e.g. a bevel shape, to minimize heat leakage into the fluid. The heat pipes are preferably connected to the thermoelectric device with a Thermal Interface Material (TIM). In one embodiment, the heat pipes are attached to the thermoelectric device through screws which have an insulating standoff so as to minimize heat leakage into the fluid. In another embodiment of the present invention, two stage thermoelectric cooling devices with multiple heat pipes and common heat sink are provided to cool the fluid.

No. of Pages : 33 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELEVATOR GROUP CONTROL SYSTEM		
(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:2011- 017379	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:31/01/2011	CHIYODA-KU, TOKYO JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NISHIDA TAKEHISA
Filing Date	:NA	2)YOSHIKAWA TOSHIFUMI
(87) International Publication No	:NA	3)TORIYABE SATORU
(61) Patent of Addition to Application Number	:NA	4)HOSHINO TAKAMICHI
Filing Date	:NA	5)AIDA KEIICHI
(62) Divisional to Application Number	:NA	6)MAEHARA TOMOAKI
Filing Date	:NA	

(57) Abstract :

Smooth movement of passengers to a destination is insured even inside an office building where banks are installed at far places and operation efficiency is improved. An elevator group control system 2 having a plurality of group controllers (30, 31) for dividing a plurality of elevator cages installed inside a building into a plurality of banks and executing operation control includes information terminals (101, 102) for registering the destination of the passenger and a building information storage portion (204) for storing map information inside the building computes destination floor call information, a route to a destination, movement distance-movement time to the bank and movement distance movement time from the bank to the destination after get-off, a wait time of the passenger, a required time from the get-on floor to the get-off floor and congestion inside the elevator cage, and executes guide displays of the elevator cage to be utilized by the passenger.

No. of Pages : 35 No. of Claims : 10

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DC-AC INVERTER ASSEMBLY, IN PARTICULAR SOLAR CELL INVERTER (51) International classification :H02M 7/521 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :102009029387.6 (32) Priority Date :11/09/2009 Address of Applicant : POSTFACH 30 02 20, 70442 (33) Name of priority country STUTTGART. GERMANY :Germany (86) International Application No :PCT/EP2010/060501 (72)Name of Inventor : Filing Date :20/07/2010 **1)THIERINGER, WALTER** (87) International Publication No :WO 2011/029650 2)KRAUTER, GISBERT (61) Patent of Addition to Application **3)FEUCHTER, BERHARD** :NA Number 4)MAYER, GEORG :NA 5)GASSE, LILIANE Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present subject matter relates to a DC-AC inverter assembly (10), particularly a solar cell inverter of a photovoltaic plant; comprising, a semiconductor bridge circuit (12, 22, 32, 42). According to the present subject matter a DC chopper controller is provided for creating half-waves of an AC voltage on the output side and the semiconductor bridge circuit (12, 22, 32, 42) is connected downstream of the DC chopper controller and acts as pole changer on the half-waves.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (37)	 (71)Name of Applicant : I)ILLINOIS TOOL WORKS INC. Address of Applicant :3600 WEST LAKE AVENUE, GLENVIEW, ILLINOIS 60026, UNITED STATES OF 42993 AMERICA (72)Name of Inventor : 1)WOODWORTH, JACOB, S. 2)GURTATOWSKI, CRAIG, W. 3)PURDY, WILLIAM, A.
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(54) Title of the invention : SELF-ADJUSTING AND SELF-ALIGNING ACCESS DOOR

(57) Abstract :

The connection of a vehicle fuel fill system access door to an access door hinge includes exposed guide members on the access door and the hinge to assist an installer in properly positioning and moving the access door relative to the hinge. Spacing structures between the access door and the access door hinge have a variable relationship for accommodating part variations. An audible sound is generated as the door is connected to indicate final positioning of the door on the hinge.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B60W 10/02	(71)Name of Applicant :
(31) Priority Document No	:12/562,187	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:18/09/2009	Address of Applicant : FAIRLANE PLAZA SOUTH, SUITE
(33) Name of priority country	:U.S.A.	800,330 TOWN CENTER DRIVE, DEARBORN MICHIGAN
(86) International Application No	:PCT/US2010/041802	48126 UNITED STATES OF AMERICA
Filing Date	:13/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/034651	1)ORTMANN, WALTER, J.
(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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(54) Title of the invention : CONTROLLING TORQUE IN A FLYWHEEL POWERTRAIN

(57) Abstract :

A method for controlling a powertrain for an automotive vehicle includes determining a desired flywheel torque, determining, with reference to the desired flywheel torque, a desired torque capacity torque of a clutch through which torque is transmitted between the flywheel and wheels of the vehicle, operating the clutch to produce the desired clutch torque capacity, determining a slip error across the clutch, and changing a gear ratio of a continuously variable transmission located in a drive path between the clutch and said wheels to a gear ratio that reduces the slip error.

No. of Pages : 15 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HYDRAULIC ASSEMBLY AND BRAKE SYSTEM FOR A MOTOR VEHICLE (51) International classification :B60T 8/40 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :10 2009 046 273.2 (32) Priority Date Address of Applicant : POSTFACH 30 02 20, 70442 :02/11/2009 (33) Name of priority country STUTTGART. GERMANY :Germany (86) International Application No :PCT/EP2010/062928 (72)Name of Inventor : Filing Date 1)KUNZ, MICHAEL :03/09/2010 (87) International Publication No :WO 2011/051030 2)HECKMANN, HANS (61) Patent of Addition to Application

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

Number

Described herein is a hydraulic assembly (1) for operating a brake system in a motor vehicle, comprising a hydraulic pump (101, 140), an electric motor (11) having a shaft for driving the hydraulic pump (101, 140), and a rotor (12) operatively connected to the shaft of the electric motor (11) to drive the shaft by means of compressed air.

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :C07D 401/12 (71)Name of Applicant : **1)BAYER CROPSCIENCE AG** (31) Priority Document No :09168068.6 (32) Priority Date Address of Applicant : ALFRED-NOBEL-STR. 50, 40789 :18/08/2009 :EUROPEAN MONHEIM. GERMANY (33) Name of priority country (72)Name of Inventor: UNION (86) International Application No **1)NORBERT LUI** :PCT/EP2010/004800 Filing Date :05/08/2010 2) JENS-DIETMAR HEINRICH (87) International Publication No :WO 2011/020564 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : NOVEL METHOD FOR PRODUCING 4-AMINOBUT-2-ENOLIDES

(57) Abstract :

Process for the preparation of 4-aminobut-2-enolide compounds of the formula (I): comprising reaction of a 4-(methylamino)furan-2(5H)-one compound of the formula (II) with an amine of the formula (III) in which R1 and A have the definitions mentioned in the description, optionally in the presence of a Bronstedt acid.

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

(22) Date of filing of Application :17/02/2012

(21) Application No.1507/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : A CIRCUMCI	SION DEVICE	
 (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 	:B23D :2009903801 :13/08/2009 :Australia :PCT/AU2010/000966 :30/07/2010 : NA	 (71)Name of Applicant : 1)MELHEM Milad Address of Applicant :227 Wattle Street Bankstown NSW 2200 Australia 2)TABBA Rachid (72)Name of Inventor : 1)MELHEM Milad
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)TABBA Rachid
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A circumcision device (10) including a proximal end (16) a distal end (18) an inner recess (30) and an outer surface. The inner recess (30) opens from the proximal end (16) and is adapted to receive substantially all of a glans of a penis therein. The outer surface includes a plurality of indicators (26) spaced apart from the proximal end (16). In use a foreskin is pulled over the outer surface until the foreskin reaches a predetermined one of the indicators (26) thereby providing a visual guide to the level of circumcision.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 05/06/2015

	G 011	
(51) International classification	:G01L	(71)Name of Applicant :
(31) Priority Document No	:61/274,046	1)SOPOGY INC.
(32) Priority Date	:11/08/2009	Address of Applicant :550 Paiea Street Suite 236 Honolulu
(33) Name of priority country	:U.S.A.	HI 96819 U.S.A.
(86) International Application No	:PCT/US2010/045240	(72)Name of Inventor :
Filing Date	:11/08/2010	1)DOPP Kip H.
(87) International Publication No	: NA	2)KIMURA Darren T.
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SOLID CORE STRUCTURE PARABOLIC TROUGH SOLAR ENERGY COLLECTION SYSTEM

(57) Abstract :

A trough solar energy collector having a rotational axis comprising a collector tube (2801) a first reflective panel and a second reflective panel each of said first and second reflective panels comprising a honeycomb or polymeric core (201) having an arc-shaped surface (602) a reflector (601) on the arc-shape surface (602) of the polymeric core (201) cowling (702) along a longitudinal edge extending along the polymeric core and extending parallel to the rotational axis of the solar collector the first reflective panel being positioned to illuminate a first side of the collector tube (2801) the second reflective panel being positioned to illuminate a second side of the collector tube (2801). To be published with Fig. 28

No. of Pages : 67 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOLDING METHOD OF BLOW-MOLDING HOLLOW TANK BODY WITH BUILT-IN COMPONENT AND PRE-MOLDING TEMPLATE DEVICE

 (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 	:B29C 49/00 :200910184707.1 :19/08/2009 :China :PCT/CN2009/001188 :26/10/2009 :WO 2011/020223 :NA :NA :NA :NA	 (71)Name of Applicant : 1)YAPP AUTOMOTIVE PARTS CO., LTD. Address of Applicant :508TH YANGZIJIANG SOUTH ROAD YANGZHOU CITY, JIANGSU PROVINCE 225009 (P.R.C) China (72)Name of Inventor : 1)SUN, YAN 2)JIANG,LIN 3)LIU, LIANG 4)XU, SONGJUN 5)LIU, YIHU 6)GAO, DEJUN 7)SU, WEIDONG 8)LI, DENGQUN 9)YANG, YAN 10)HONG, WENBIN 11)WANG, YE
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(57) Abstract :

a molding method of blow-molding a hollow tank body with a built-in component is provided, the method molds the hollow tank body by molding the sheet parisons (18,19) in the half molds (3, 4). after the moving cooperation of the half molds (3, 4), an expanding mechanism of a pre-molding template device, the template half plates (1, 2) and the bases (8, 9), the half molds (3, 4) are respectively leaned against the closed template half plates (1,2), and the sheet parisons (18, 19) are leaned against the half molds (3, 4) by blowing and/or sucking so as to be pre-molded. The tank body is molded after placing the component into it. A pre-molding template device is also provided. An expanding mechanism and the template half plates (1,2) are mounted on the bases (8, 9), and the bases (8, 9) are mounted on a rail bracket (7), the bases (8, 9) are driven by a power device to move on the rail bracket (7). The invention reduces the product cost, enhances adaptability to the uneven sheet parisons, increases product yield, and allows the built-in component to minimize the number of the openings on the tank wall and to realize low permeability of the molded hollow tank body.

No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :13/02/2012

(54) Title of the invention : A BASE STATION

(43) Publication Date : 05/06/2015

(51) International classification	:H04W 88/00	(71)Name of Applicant :
(31) Priority Document No	:2009903774	1)TECHNOLOGICAL RESOURCES PTY LIMITED
(32) Priority Date	:12/08/2009	Address of Applicant :120 COLLINS STREET,
(33) Name of priority country	:Australia	MELBOURNE VICTORIA 3000, AUSTRALIA
(86) International Application No	:PCT/AU2010/001032	(72)Name of Inventor :
Filing Date	:12/08/2010	1)SCHWEIKART, VICTOR
(87) International Publication No	:WO 2011/017764	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1 11 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A base station (10) for wireless communication with equipment on a mine operation (40). The base station (10) is moveable and comprises a wireless network interface (16) arranged to facilitate communications with a monitoring station (14) and with at least one item of mine equipment (12) so that at least one item of mine equipment is monitorable and/or controllable from the monitoring station (14) through the base station (10). The base station also includes a camera (20) arranged to capture images of an area of the mine operation (40) adjacent the base station. The base station (10) is arranged to communicate information indicative of the captured images to the monitoring station (14) through the wireless network interface (16).

No. of Pages : 20 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : THERMOPLASTIC POLYESTER COMPOSITIONS, METHODS OF MANUFACTURE, AND ARTICLES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) 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 (51) International to Application Number Filing Date (52) Divisional to Application Number Filing Date 	C08K 5/5313 12/565,135 23/09/2009 U.S.A. PCT/US2010/049929 23/09/2010 WO 2011/038074 NA NA NA	 (71)Name of Applicant : 1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :PLASTICSLAAN 1, NL-4612 PX BERGEN OP ZOOM (NL) Netherlands (72)Name of Inventor : 1)DING, TIANHUA 2)FONSECA, RODNEY 3)KIM, SUNG, DUG 4)VAN DER WEELE, CHRIS
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(57) Abstract :

A thermoplastic polyester composition comprises, based on the total weight of the composition, from 20 to 95 wt.% of a polyester comprising a poly(alkylene terephthalate); from 1 to 35 wt.% of a phosphorous flame retardant consisting of a phosphinate of the formula (I) [(R1)(R2)(PO)-O]mMm+ (I), a diphosphinate of the formula (II) [(O-POR)(R3)(POR2-O)]2-nMm+x (II), and/or a polymer derived from the phosphinate of formula (I) or the diphosphinate of the formula (II); from 0.1 to less than 20 wt.% of a copolyetherester; from 0.1 to 5 wt.% of an anti-dripping agent; from 0 to 4.5 wt.% of a reinforcing fiber; and from 0 to 5 wt.% of an additive selected from the group consisting of a mold release agent, an antioxidant, a thermal stabilizer, and a UV stabilizer.

No. of Pages : 29 No. of Claims : 27
(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A RATIONAL	LIBRARY	
 (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 	:C12N 15/10 :61/233,294 :12/08/2009 :U.S.A. :PCT/IB2010/053648 :12/08/2010 :WO 2011/018766 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNITARGETING RESEARCH AS Address of Applicant :THORMOHLENSGATE 51, NO - 5006 BERGEN (NO) Norway (72)Name of Inventor : 1)STERN, BEATE 2)PRYME, IAN, FRASER 3)RAVNEBERG, HANNE

(57) Abstract :

The invention relates to a method to generate rational libraries comprising genetic elements which are involved in transcriptional and/or translational regulation of a gene and devised to increase the production yield of the encoded protein as well as to the rational library and to the application of said rational library.

No. of Pages : 45 No. of Claims : 21

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:A01J(31) Priority Document No:61/235(32) Priority Date:21/08/(33) Name of priority country:U.S.A.(86) International Application No:PCT/UFiling Date:23/08/(87) International Publication No: NA(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	1J(71)Name of Applicant :/235,7991)MERRIMACK PHARMACEUTICALS INC./08/2009Address of Applicant :One Kendall Square Suite B7201S.A.Cambridge MA 02139 U.S.A.T/US2010/046364(72)Name of Inventor :/08/20101)SCHOEBERL BirgitA2)NIELSEN UlrikA3)FELDHAUS Michael	
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(54) Title of the invention : ANTIBODIES AGAINST THE ECTODOMAIN OF ERBB3 AND USES THEREOF

(57) Abstract :

The present invention provides a novel class of antibodies and antigen binding fragments thereof that bind the extracellular domain of ErbB3 receptor and inhibit various ErbB3 functions. For example the antibodies and antigen binding fragments described herein are capable of binding to the receptor designated ErbB3 and inhibiting EGF-like ligand mediated phosphorylation of the receptor. Such antibodies and antigen binding fragments thereof have the useful characteristic of inhibiting the proliferation of cancer cells expressing ErbB3.

No. of Pages : 196 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

:C10L 1/22	(71)Name of Applicant :
:61/234,689	1)SHELL INTERNATIONALE RESEARCH
:18/08/2009	MAATSCHAPPIJ B.V.
:U.S.A.	Address of Applicant :CAREL VAN BYLANDTLAAN 30,
:PCT/US2010/045610	NL-2596, THE HAGUE, THE NETHERLANDS.
:16/08/2010	(72)Name of Inventor :
:WO 2011/022327	1)RUSSO JOSEPH MICHAEL
·NA	
·NA	
.11/1	
:NA	
:NA	
	:C10L 1/22 :61/234,689 :18/08/2009 :U.S.A. :PCT/US2010/045610 :16/08/2010 :WO 2011/022327 :NA :NA :NA :NA

(54) Title of the invention : FUEL AND ENGINE OIL COMPOSITION AND ITS USE

(57) Abstract :

A composition is provided that contains a major amount of a base oil and a minor amount of at least one butylene oxide-modified alkyl-bis-ethoxylated monoamine, wherein the alkyl group have carbon atoms in the range of 8 to 22 and ethylene oxide to butylenes oxide is in a ratio in the range of 3:1 to 2:1. The composition provides improved friction modification in fuel and in lubricating oils.

No. of Pages : 34 No. of Claims : 13

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SOLAR COOK	KING APPLIANCES	
(51) International classification (31) Priority Document No (32) Priority Data	:F24J 2/02 :2,673,703 :23/07/2000	(71)Name of Applicant : 1)W&E INTERNATIONAL (CANADA) CORP. Address of Applicant :66 DEVONSE EIGH BLVD
 (32) Filinity Date (33) Name of priority country (86) International Application No Filing Date 	:Canada :PCT/CA2010/001119 :19/07/2010	Address of Applicant .oo DE VONSLEIGH BLVD., RICHMOND HILL, ONTARIO L4S 1H2, CANADA 2)HUAZI LIN (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:WO 2011/009200 :NA :NA	I)HUAZI LIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A solar cooking appliance comprising a solar heat collector to collect and store solar heat, first heat storage and conducting material partially filling said solar heat collector and a set of solar cooking utensils, where each utensil is sized to fit a shape and size of the internal shape and size of the solar heat collector. The utensil has a wall which is heatingly connected to the first solid heat storage and conducting material, and an internal wall of the solar heat collector to receive solar heat for cooking food. The utensil further comprises a removable part for opening and closing said utensils during cooking. The solar cooking appliance also comprises a second heat conducting/transferring material for faster transfer the solar heat.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR A MULTI-RADIO ACCESS TECHNOLOGY LAYER FOR SPLITTING DOWNLINK--UPLINK OVER DIFFERENT RADIO ACCESS TECHNOLOGIES

 (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 	:H04W 76/02 :61/235,791 :21/08/2009 :U.S.A. :PCT/US2010/046051 :20/08/2010 :WO 2011//022570 :NA :NA	 (71)Name of Applicant : 1)INTERDIGITAL PATENT HOLDINGS, INC. Address of Applicant :3411 SILVERSIDE ROAD, CONCORD PLAZA, SUITE 105, HAGLEY BUILDING, WILMINGTON, DELAWARE 19810, U.S.A. (72)Name of Inventor : 1)KAUR, SAMIAN 2)REZNIK, ALEXANDER 3)CASTOR, DOUGLAS, R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A multi radio access technology layer (MRL) is a convergence layer solution, located between the protocol layers and the technologydependent MAC layers. The MRL layer is technology independent and uses the information received from the underlying technologies to select the most appropriate uplink and downlink technologies to match the respective service requirements.

No. of Pages : 43 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH VELOCITY GAS SPRAYING APPARATUS AND APPARATUS FOR PRODUCING MOLTEN METAL-RESISTANT MEMBER

(57) Abstract :

It is an object to provide a high velocity gas spraying apparatus that can extend the service life of a thermal-sprayed coating thermalsprayed onto a molten metal-resistant member. The high velocity gas spraying apparatus has a spray nozzle for spraying a combustion gas and a thermal spraying material supply section for supplying thermal spraying particles into the combustion gas flowing inside the spray nozzle. The high velocity gas spraying apparatus is characterized in that the thermal spraying material supply section includes a thermal spraying material supply port that is formed in an inner surface of the spray nozzle at a position within 30 mm from an end of the spray nozzle.

No. of Pages : 33 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :21/02/2012

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

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04M :1488/DEL/2009 :21/09/2009 :India	 (71)Name of Applicant : 1)ECCO ELECTRONICS PRIVATE LIMITED Address of Applicant :307, AGGARWAL COMPLEX, S-524, SHAKARPUR, MAIN VIKAS MARG, DELHI - 110092 Delhi
(86) International Application No	:PC1/IN2010/000483	India
Filing Date	:20/07/2010	(72)Name of Inventor :
(87) International Publication No	:NA	1)BAONI, RAMENDRA S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BAONI, DIPENDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(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 : 48 No. of Claims : 66

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(22) Priority Data	:A61K 9/20 :1488/DEL/2009	(71)Name of Applicant : 1)ECCO ELECTRONICS PRIVATE LIMTED Address of Applicant :207 ACC ADWAL COMPLEX S 524
(32) Phoney Date (33) Name of priority country	:India	SHAKARPUR, MAIN VIKAS MARG, DELHI-110092 Delhi
(86) International Application No Filing Date	:PCT/IN2010/000484 :20/07/2010	India (72) Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application	:WO 2008/019996	1)BAONI, RAMENDRA S. 2)BAONI, DIPENDRA
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ACTIVATION AND DEACTIVATION OF ATTRIBUTES OF A CONSUMER DEVICE

(57) Abstract :

The present invention provides a system, method, and a computer program product for activating and deactivating one or more attributes of a non-networked consumer device. The system may include a communication facility configured to establish intermittent communication between the non-networked consumer device and a network facility. The system may further include an activation and deactivation facility configured to perform at least one of activation of a first set of the one or more attributes of the non-networked consumer device. The activation and the deactivation may be facilitated by the established communication.

No. of Pages : 34 No. of Claims : 39

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROBIOTIC STABILIZATION		
 (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 	:A61K 35/74 :12/563,157 :20/09/2009 :U.S.A. :PCT/US2010/049225 :17/09/2010 :WO 2011/035093 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MEAD JOHNSON NUTRITION COMPANY Address of Applicant :2400 W.LLOYD EXPRESSWAY, EVANSVILLE, INDIANA 47721-0001, USA (72)Name of Inventor : 1)NAGENDRA RANGAVAJLA

(57) Abstract :

An ingestible composition including a probiotic contained in a mixture of hydrolyzed mammalian protein, one or more carbohydrates and a compound binder useful for nutrition of infants and children.

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

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OPERATING AT LEAST ONE AIR SEPARATION APPARATUS AND OXYGEN CONSUMPTION UNIT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F25J 3/04 :0956167 :09/09/2009 :France	(71)Name of Applicant : 1)L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(86) International Application No	:PCT/FR2010/051765	Address of Applicant :75 QUAI D'ORSAY F-75007 PARIS,
Filing Date	:24/08/2010	FKANCE
(87) International Publication No	:WO 2011/030035	(72)Name of Inventor :
(61) Patent of Addition to Application	·NA	1)GUILLARD ALAIN
Number	·NA	2)ALLARD NICOLAS
Filing Date	.11/1	3)FRANC PIERRE-ETIENNE
(62) Divisional to Application Number	:NA	4)MOUSSAVI HADI
Filing Date	:NA	

(57) Abstract :

In a method for operating a facility including at least two air separation apparatuses (1), a storage system (2), and a unit (3) consuming an oxygen-rich gas, the gas-consuming unit being capable of generating electricity according to the first step during which the cost of the electricity is greater than a first pricing threshold, the gas-consuming unit receives an amount of oxygen-rich gas, greater than a first consumption threshold, from the or at least some of the air separation apparatuses, the oxygen-rich gas partially consisting of the oxygen stored in the storage system, which is supplied by the air separation apparatus(es) during a second step, and partially consisting of the oxygen produced through distillation during the first step and according to the second step, during which the cost of the electricity is lower than the first pricing threshold, the second pricing threshold being less than the first pricing threshold. The gasconsuming unit consumes an amount of oxygen-rich gas below a second consumption threshold, air is separated in the or in at least one of apparatuses, and an oxygen-rich liquid is sent from at least two separation apparatuses to the storage system.

No. of Pages : 17 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SUPPLY AND DEMAND CONTROL APPRATUS FOR ELECTRIC POWER SYSTEM, SUPPLY AND DEMAND CONTROL PROGRAM, AND STORAGE MEDIUM STORING SUPPLY AND DEMAND CONTROL PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H02J 3/46 :2009-194839 :25/08/2009 :Japan	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(86) International Application No Filing Date	:PCT/JP2010/064206 :24/08/2010	(72)Name of Inventor : 1)TANAKA MARI
(87) International Publication No	:WO 2011/024769	2)KOBAYASHI TAKENORI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TOBA KOJI 4)OGITA YOSHIHIRO 5)ICHIKAWA RYOICHI
(62) Divisional to Application Number Filing Date	:NA :NA	6)NISHI AKINORI

(57) Abstract :

An economical load dispatcher (22) calculates a discharging threshold value and a charging threshold value based on a discharging unit price of and a charging and discharging efficiency of a secondary battery (BT) and further calculates output allocations of generators (G1 to Gn) and the secondary battery (BT) such that the secondary battery (BT) is discharged when incremental fuel costs of the generators (Gl to Gn) are higher than the discharging threshold value, whereas the secondary battery (BT) is charged when incremental fuel costs of the generators (Gl to Gn) are lower than the charging threshold value. Target command value creation units (211 to 21n, 21BT) create target command values of the generators (Gl to Gn) and secondary battery (BT) based on the calculated output allocations and output the created target command values.

No. of Pages : 34 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C03C 3/091 :61/235,762 :21/08/2009 :U.S.A. :PCT/US2010/046153 :20/08/2010 :WO 2011/022639 :NA :NA	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA (72)Name of Inventor : 1)MATTHEW JOHN DEJNEKA 2)ADAM JAMES ELLISON 3)BENJAMIN ZAIN HANSON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)BENJAMIN ZAIN HANSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ZIRCON COMPATIBLE GLASSES FOR DOWN DRAW

(57) Abstract :

A glass that is down-drawable and ion exchangeable. The glass has a temperature T35kp at which the viscosity is 35 kilopoise. T35kp is less than the breakdown temperature Tbreakdown of zircon.

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

(21) Application No.1582/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B67B	(71)Name of Applicant :
(31) Priority Document No	:12/509,207	1)LAITRAM L.L.C.
(32) Priority Date	:24/07/2009	Address of Applicant : Legal Department 200 Laitram Lane
(33) Name of priority country	:U.S.A.	Harahan Louisiana 70123 United States of America
(86) International Application No	:PCT/US2010/041124	(72)Name of Inventor :
Filing Date	:07/07/2010	1)Matthew L. FOURNEY
(87) International Publication No	: NA	
(61) Patent of Addition to Application	·NA	
Number		
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : ROLLER-BELT SORTER WITH CONTROL GRID

(57) Abstract :

Apparatus and method for sorting a mass flow of articles without collisions between articles (p). The apparatus includes a sorting conveyor (20) having a plurality of article-supporting belt rollers (30) selectively rotatable in a direction transverse to the direction of belt (28) travel. The belt rollers (30) are selectively rotated in individual grid cells (38) formed along the conveyors (20) carryway. A control system creates an image of the incoming mass flow computes trajectories along the sorting conveyor for each package and actuates or deactuates the belt rollers (30) passing through each grid cell according to the trajectories to orderly and rapidly divert articles (p) off the side of the sorting conveyor. (20)

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

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONICALLY CONTROLLED RANGE VALVE FOR MULTI-SPEED PLANETARY TRANSMISSION

 (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 	:F16H 61/12 :12/510,487 :28/07/2009 :U.S.A. :PCT/US2010/040162 :28/06/2010 :WO 2011/014326 :NA :NA	 (71)Name of Applicant : ALLISON TRANSMISSION Address of Applicant :4700 WEST 10TH STREET, INDIANAPOLIS, IN 46222, UNITED STATES OF AMERICA (72)Name of Inventor : LONG, CHARLES, F. TAYLOR, CHARLES, T.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A shift by wire control for a multi-speed vehicle transmission is provided. The control includes a shift by wire shift valve in fluid communication with other shift valves and clutch trim valves to provide double blocking features in the neutral range and a reverse range. The shift by wire valve is configured with multiple differential areas to provide failure modes for all forward ranges.

No. of Pages : 39 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B04C 5/103	(71)Name of Applicant :
(31) Priority Document No	:0914738.0	1)CAMBRIDGE CONSULTANTS LIMITED
(32) Priority Date	:24/08/2009	Address of Applicant :SCIENCE PARK, MILTON ROAD,
(33) Name of priority country	:U.K.	CAMBRIDGE CB4 0DW, UNITED KINGDOM
(86) International Application No	:PCT/GB2010/001598	(72)Name of Inventor :
Filing Date	:24/08/2010	1)STRIEBIG, RACHEL
(87) International Publication No	:WO 2011/023947	2)HODSON, PETER
(61) Patent of Addition to Application	·NI A	3)HARRIS, DAVID, STUART
Number	.INA .NA	4)GREENLEAF, DAVID
Filing Date	.INA	5)MYSZKO, MAREK
(62) Divisional to Application Number	:NA	6)FULLER, AMANDA, JANE
Filing Date	:NA	7)ALLEN, MATTHEW

(54) Title of the invention : INHALERS

(57) Abstract :

A dry powder inhaler incorporates a cyclone chamber (4) comprising at least one air inlet (6) and an outlet (10) wherein the configuration of the air inlet (6) and the shape of the chamber (4) is such that in use a reverse flow cyclone is set up in the chamber (4). The chamber (4) further comprises flow disrupter means, e.g. the upper surface (14) of a protrusion (12) from the base, disposed so as in use to restrict air flowing from the base of the chamber (4) in an axial direction.

No. of Pages : 33 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (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 	:F27D 3/12 :61/275,388 :28/08/2009 :U.S.A. :PCT/CA2010/001300 :25/08/2010 :WO 2011/022818	 (71)Name of Applicant : 1)NOVELIS INC. Address of Applicant :191 EVANS AVENUE, TORONTO, ONTARIO M8Z 1J5, CANADA (72)Name of Inventor : 1)RAUCH, EDWIN, L.
 (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application 	:PCT/CA2010/001300 :25/08/2010 :WO 2011/022818	(72)Name of Inventor : 1)RAUCH, EDWIN, L.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : MOVABLE SWEAT HEARTH FOR METAL MELTING FURNACE

(57) Abstract :

Exemplary embodiments provide a movable sweat hearth for use with a metal melting furnace having a wall provided with a metalloading entrance. The sweat hearth includes a hearth body movable relative to the furnace into and out of contact with the wall of the furnace at the entrance. The body has exterior walls enclosing a hollow interior except at a furnace-engagable side wall of the hearth body provided with an opening communicating with the interior. The interior has a floor adapted to support a charge of scrap metal, and the opening is positioned relative to the floor to allow molten metal to drain from the interior through the opening. The floor is arranged at an angle to horizontal to slope in a downward direction towards the opening when the container is moved into sealing engagement with the wall of the furnace with the opening aligned with the furnace entrance. Other exemplary embodiments relate to a combination of a movable sweat hearth as described above and a metal melting furnace having a front wall provided with a furnace entrance.

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

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61B 17/17	(71)Name of Applicant :
(31) Priority Document No	:12/547,583	1)BIOMET C.V.
(32) Priority Date	:26/08/2009	Address of Applicant :57/63 LINE WALL ROA,
(33) Name of priority country	:U.S.A.	GIBRALTAR, THE NETHERLANDS
(86) International Application No	:PCT/US2010/046476	(72)Name of Inventor :
Filing Date	:24/08/2010	1)ANTHONY J. METZINGER
(87) International Publication No	:WO 2011/028520	2)PETER GIANNOUDIS
(61) Patent of Addition to Application	·NA	3)GEORGE J. HAIDUKEWYCH
Number	.INA .NA	4)FRANK A. LIPORACE
Filing Date	.NA	5)ANDREW SEMS
(62) Divisional to Application Number	:NA	6)DANIEL S. HORWITZ
Filing Date	:NA	

(54) Title of the invention : IMPROVED HIP FRACTURE NAIL SYSTEM

(57) Abstract :

An instrument system is provided for positioning an internal fixation prosthesis and guiding a cannulated bone drill during a surgical, radioscopic procedure for the repair of a fractured bone of a patient. The instrument system includes a target wire, a handle formed from a radio translucent material having a target hole for guided passage of the target wire along a target axis. The target axis coincides with the intersection of a first plane and a second plane orthogonal to the first plane. The instrument system also includes an nose component attached to an end of the handle and removably connectable to the prosthesis. The nose component includes an alignment sight formed from a radio-opaque material. When the prosthesis is connected to the nose component and the target wire is positioned through the target hole along the target axis, the image of the guide wire may be radioscopically viewed along a first line of sight contained in the first plane to bisect the image of the alignment device, thereby providing a first visual reference to the user for directing the first guide wire into the desired portion of the bone while holding the prosthesis in a desired position relative to the bone.

No. of Pages : 37 No. of Claims : 3

(21) Application No.1517/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(51) International classification (71)Name of Applicant : :H01K (31) Priority Document No 1)SWISSINNOV PRODUCT S rl :PCT/IB2009/006336 (32) Priority Date Address of Applicant : Rue de lEtraz 1 CH-1196 Gland :23/07/2009 (33) Name of priority country :PCT Switzerland (86) International Application No :PCT/IB2010/001683 (72)Name of Inventor : 1)Thierry NAVARRO Filing Date :06/07/2010 (87) International Publication No : NA 2)Florent JUNOD (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FLUID DELIVERY SYSTEM COMPRISING A FLUID PUMPING DEVICE AND A DRIVE SYSTEM

(57) Abstract :

A fluid pumping device comprising a pump housing (1; 101; 201; 301; 701; 901) containing a piston chamber (11; 101 '; 201 '; 310a, 301b; 701 '; 901 ') and a piston (2; 102; 202; 302, 302 '; 702; 902, 902) moving back and forth inside the piston chamber, an inlet port (10i; 110i; 210i; 310i; 710i; 921) and an outlet port (10o; 110o; 210o; 310o; 710o; 920) allowing a fluid to be sucked into the piston chamber during an instroke of the piston and expelled from the piston chamber during an outstroke. The device further comprises a valve - switching element (9; 109; 201; 309; 701; 909) movably mounted against a valve base member (7; 107; 207; 307; 707; 907), which comprises a piston chamber aperture (12p; 112p; 212p; 312p, 312p 1; 712p; 912p) connected to the piston chamber and an inlet aperture (12i; 112i; 212i;312i;712i;912i) and an outlet aperture (12o; 112o; 212o; 312o; 712o; 912o) connected respectively to the inlet and outlet ports of the fluid pumping device. The element comprises a groove (14; 114; 214; 314, 314 '; 714; 914) or other recess (514) moving against the valve base member such that, a first communication allows leakage between the inlet aperture and the piston chamber aperture so that fluid is sucked from the inlet port, through the groove or recess, into the piston chamber aperture and the outlet aperture expelling fluid out of the piston chamber, through the groove or recess and the outlet port during part of the piston chamber, through the groove or recess and the outlet port during part of the piston chamber, through the groove or recess and the outlet port during part of the piston chamber, through the groove or recess and the outlet port during part of the piston chamber, through the groove or recess and the outlet port during part of the piston outstroke.

No. of Pages : 78 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:B23F 5/22(31) Priority Document No:BO2009A000479(32) Priority Date:23/07/2009(33) Name of priority country:Italy(86) International Application No:PCT/IB2010/001764Filing Date:21/07/2010(87) International Publication No:WO 2011/010210(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)SAMP S.P.A. CON UNICO SOCIO Address of Applicant :VIA SALICETO, 15, I- BENTIVOGLIO ITALY. (72)Name of Inventor : 1)AFFATICATI ARTEMIO 2)FRANCESCHET MARCO 3)MANARA MAURO 4)PERRONE VITO

(57) Abstract :

A machine (1) for making gears. The machine comprising at least one piece -holder -table (7), which is mounted to rotate about a given first longitudinal axis (8) thereof, and supports a piece being machined; and at least an operating head (39), which is provided with at least one tool (42) for machining the piece. The machine (1) is characterized in that the piece-holder table (7) and the operating head (39) are provided with relative motion with respect to each other in a first direction (4). Moreover, the operating head (39) and the piece - holder table (7) can be selectively stopped along their respective path according to the machining process to be carried out on the piece.

No. of Pages : 14 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

		-
(51) International classification	:F01N 3/02	(71)Name of Applicant :
(31) Priority Document No	:2010-017447	1)HITACHI CONSTRUCTION MACHINERY CO., LTD.,
(32) Priority Date	:28/01/2010	Address of Applicant :5-1, KORAKU 2-CHOME, BUNKYO-
(33) Name of priority country	:Japan	KU, TOKYO 112-8563, JAPAN
(86) International Application No	:PCT/JP2011/051647	(72)Name of Inventor :
Filing Date	:27/01/2011	1)ARAI YASUSHI
(87) International Publication No	:WO 2011/093400	2)ISHIKAWA KOUJI
(61) Patent of Addition to Application	.NT A	3)KAMIYA SHOHEI
Number		4)TSUKADA HIDENOBU
Filing Date	INA	5)NAKAMURA TSUYOSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : EXHAUST GAS PURIFICATION SYSTEM FOR HYDRAULIC OPERATING MACHINE

(57) Abstract :

When an output value of an exhaust resistance sensor 34 has reached or exceeded a set value Δ Pa, a controller 20 executes recovery control of a filter of an exhaust gas purification device 32 after conducting exhaust temperature increasing control by operating a pump discharge pressure increasing device (solenoid proportional valve) 38 so that exhaust gas temperature as an output value of an exhaust temperature sensor 33 reaches a preset value Ta. Thus, the recovery process of the exhaust gas purification device can be executed with reliability by increasing the exhaust gas temperature irrespective of the operating environment and the fuel consumption can be kept at a minimum necessary level.

No. of Pages : 87 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No	:G06Q 90/00 :200910170559.8	(71)Name of Applicant : 1)YU, ZHI
(32) Priority Date (33) Name of priority country	:01/09/2009 :China	Address of Applicant :19A, JUHAOYUAN, JUYOUGE
(86) International Application No	:PCT/CN2010/071585	SHENZHEN 518034, GUANGDONG, P.R. CHINA
(87) International Publication No	:07/04/2010 :WO 2011/026326	(72)Name of Inventor : 1)YU, ZHI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD FOR MANAGING COMMODITY CIRCULATION BASED ON INTERNET

(57) Abstract :

A method for managing commodity circulation based on Internet is provided, which includes the following steps: 1. a computer system acquiring a first group of data and a second group of data that are respectively 13-digit decimal numbers to be processed; 2. judging whether the first group of data and the second group of data conform to specified principles; 3. performing an encryption operation on the two groups of data conforming to the specified principles through a commercial cryptographic algorithm to generate a third group of data; 4. making the first group of data, the second group of data, and the third group of data into three rows, and printing them on the corresponding commodity; 6. assigning a corresponding 6-digit tracking code to the commodity; 7. displaying the tracking code through a web page; 8. displaying the first group of data, the second group of data, and other information through the web page, entering the third group of data in an entry window, performing an inverse operation of encryption and a checking computation, and the system displaying an authentication code of 0 or 1 to prompt correct or wrong information'

No. of Pages : 29 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A LIGHTWEIGHT SERVICE BASED DYNAMIC BINARY REWRITER FRAMEWORK		
 (54) Title of the invention : A LIGHTWEIC (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 	GHT SERVICE BASED :G06F 9/45 :12/552,740 :02/09/2009 :U.S.A. :PCT/US2010/047280 :31/08/2010 :WO 2011/028694 :NA :NA	 DYNAMIC BINARY REWRITER FRAMEWORK (71)Name of Applicant : ADVANCED MICRO DEVICES, INC. Address of Applicant :ONE AMD PLACE, SUNNYVALE, CA 94088-3453, UNITED STATES OF AMERICA (72)Name of Inventor : HERDEG, MARK TYE, STEVEN, T. BEDY, MICHAEL CHERNOFF, ANTON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A sampling based DBR framework which leverages a separate core for program analysis. The framework includes a hardware performance monitor, a DBR service that executes as a separate process and a lightweight DBR agent that executes within a client process. The DBR service aggregates samples from the hardware performance monitor, performs region selection by deducing the program structure around hot samples, performs transformations on the selected regions (e.g. optimization), and generates replacement code. The DBR agent then patches the client process to use the replacement code.

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B67D 3/00	(71)Name of Applicant :
(31) Priority Document No	:BR PI0902553-7	1)ARCH CHEMICALS, INC.
(32) Priority Date	:19/08/2009	Address of Applicant :501 MERRITT 7, P.O. BOX 5204,
(33) Name of priority country	:Brazil	NORWALK, CT 06856-5204, U.S.A.
(86) International Application No	:PCT/US2010/039738	(72)Name of Inventor :
Filing Date	:24/06/2010	1)ATTIE, JORGE, LUIZ
(87) International Publication No	:WO 2011/022118	2)GASPAROTTO, MARCUS, VINICIUS
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DISPENSING CAP FOR A CONTAINER

(57) Abstract :

A cap (20) is attached to a container (10) by means of a device (30) with first and second disks (32,33) mounted on opposite ends of a shaft (31), each disk having an opening (32a, 33a). A cover cup (21) is rotatably mounted on the shaft (31) of the device (30) and presents an interior wall (23), transversal and provided with an opening (25), and an end wall (24) with an opening (26), so that, with the container (10) being inverted, rotation of the cover cup (21) to a first position provokes alignment of the opening (25) of the interior wall (23) of the cover cup (21) with the opening (32a) of the first disk (32), permitting material to flow from the container (10) to the interior of the cover cup (21), and a subsequent rotation of the cover cup (21) to a second position aligns the opening of the second disk (33) with the opening (26) of the end wall (24) of the cover cup (21), to permit dispensing the material from the cover cup (21) to a place of use.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR SELECTIVELY SYNTHESIZING 1-ARYL-2-TETRALONES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Application No (37) International Publication No (38) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (37) International Publication No (38) International Publication No (38) International Publication No (39) International Publication No (31) Publication No (32) International Publication No (31) Publication No (32) International Publication No (31) Publication No (32) Publication No (33) Publication No (34) Publication No (35) Publication No (36) Publication No (37) Publication No (38) Publication No (38) Publicatio	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA (72)Name of Inventor : 1)CLEMENS RUDOLF HORN 	

(57) Abstract :

Described herein are methods for synthesizing 1 -aryl-2-tetralones in an efficient and highly s elective manner. The reaction involves a one-step procedure for coupling an aryl halide to a 2-tetralone, where coupling occurs substantially at the 1-position of the 2-tetralone.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : NODE AND METHOD FOR QUALITY OF SERVICE (QOS) CONTROL (51) International classification :H04L 12/56 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) :NA (32) Priority Date Address of Applicant :SE-164 83 STOCKHOLM (SE) :NA (33) Name of priority country :NA Sweden (86) International Application No :PCT/JP2009/066711 (72)Name of Inventor : Filing Date :16/09/2009 1)HJELM. JOHAN (87) International Publication No :WO 2011/033679 2)ODA, TOSHIKANE (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention generally relates to a node and method for quality of service (QoS) control. The present invention particularly relates, but is not limited to, a technology that enables QoS control for a communication that is based on a protocol such as the Hypertext Transfer Protocol (HTTP), which does not mandate the use of a session description protocol (SDP) message.

No. of Pages : 53 No. of Claims : 23

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : THERMOELECTRIC DEVICE

(51) International classification	:H01L 35/32	(71)Name of Applicant :
(31) Priority Document No	:10 2009 039 228.9	1)EMITEC GESELLSCHAFT FUR
(32) Priority Date	:28/08/2009	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:Germany	Address of Applicant :HAUPTSTRASSE 128, 53797
(86) International Application No	:PCT/EP2010/060186	LOHMAR (DE) Germany
Filing Date	:15/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/023451	1)BRUCK, ROLF
(61) Patent of Addition to Application	·NA	2)LIMBECK, SIGRID
Number	·NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a thermoelectric device (1) comprising at least one first flow channel (8) and at least one second flow channel (9), having - at least one first substrate (3) associated with the at least one first flow channel (8) and at least one second substrate (4) associated with the at least one second flow channel (9), at least one gap (5) between the first substrate (3) and the second substrate (4), a plurality of p and n-doped semiconductor elements (7) that are disposed in the at least one gap (5) and are electrically interconnected, wherein a relative first thermal expansion of the first substrate and a relative second expansion of the second substrate are equal under operating conditions. The invention further relates to suitable materials for the first and second substrate that promote the use of such thermoelectric devices (1) in an exhaust system of a motor vehicle.

No. of Pages : 24 No. of Claims : 9

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MUSICAL INSTRUMENTS		
(51) International classification	:G10H 1/34	(71)Name of Applicant :
(31) Priority Document No	:0912663.2	1)CETUS LIMITED
(32) Priority Date	:22/07/2009	Address of Applicant :HOLMSTALL OAST COTTAGE
(33) Name of priority country	:U.K.	HORLEIGH GREEN ROAD MAYFIELD EAST SUSSEX TN 20
(86) International Application No	:PCT/GB2010/051180	6NJ (GB) U.K.
Filing Date	:20/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/010134	1)DEGERLAND, ERIC JOHN
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Musical instruments are described including a first portion designed to be operated by one hand of a player and a second portion designed to be operated by the other hand. The two portions include means within each for sensing hand and/or finger activity, position or movement, and one of the portions is adapted to produce an output signal corresponding to the music being played by the user. The two portions may be physically connected together or they may be separate, each including its own power supply to enable it to operate, and for the two portions to communicate with one another. The invention is of particular value in the construction of practice instruments which do not need to include a sound box, and can thus be very compact, especially if the two parts, such as a fingerboard (20) and a body (82) with strings (83) mounted on it are connected by a telescopic neck (60A).

No. of Pages : 40 No. of Claims : 9

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD OF ALLOCATING SYSTEM RESOURCES IN A COMMUNICATION SYSTEM AND AN APPARATUS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04Q 7/38 :60/516,557 :30/10/2003 :U.S.A. :PCT/US2004/034881 :22/10/2004	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:WO 2005/046283 :NA :NA :2277/DELNP/2006 :25/04/2006	1)TINGFANG JI 2)AVNEESH AGRAWAL 3)GAVIN HORN 4)EDWARD H. TEAGUE

(57) Abstract :

A method (600) of allocating system resources in a communication system, comprising: ranking (614) a plurality of terminals in communication with a current base station having at least one neighboring base station; and allocating available system resources (616, 618) to the plurality of terminals based on ranking of the terminals, wherein the current base station is assigned a set of system resources that is orthogonal to at least one set of system resources assigned to the at least one neighboring base station, and wherein the available system resources include the set of system resources assigned to the current base station and additional system resources not in the set assigned to the current base station.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD, LOADED PALLET AND LOADED VEHICLE FOR MAXIMIZING SHIPPING EFFICIENCY OF ABSORBENT ARTICLES

(51) International classification	:B65D 71/00	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(31) Priority Document No	:61/246,690	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(32) Priority Date	:29/09/2009	CINCINNATI, OHIO 45202, U.S.A
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/050609	1)WEISMAN PAUL THOMAS
Filing Date	:29/09/2010	2)DUVAL DEAN LARRY
(87) International Publication No	:WO 2011/041335	3)HUNDORF HARALD HERMANN
(61) Patent of Addition to Application	٠NA	4)BERUDA HOLGER
Number	.INA •NA	5)BLESSING HORST
Filing Date	.11/2	6)DZIEZOK PETER
(62) Divisional to Application Number	:NA	7)KRAUSE AXEL
Filing Date	:NA	8)SCHMIDT MATTIAS
		9)STELZIG LUTZ

(57) Abstract :

A shipping optimization process for articles having a substantially airfelt free absorbent core is provided. The process includes the steps of identifying an optimized diaper; identifying an optimized bag for holding two or more optimized diapers; identifying an optimized box for holding two or more optimized bags; identifying an optimized pallet and arranging the optimized boxes thereon; and identifying an optimized load plan for a vehicle and arranging the optimized pallets therein. The vehicle has a calculated Load Factor of from about 0.7 to about 1.0 when the vehicle is loaded with the optimized pallets.

No. of Pages : 74 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A01N 43/42 :61/228,492 :24/07/2009 :U.S.A. :PCT/US2010/043045 :23/07/2010 :WO 2011/011680 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VANDERBILT UNIVERSITY Address of Applicant :305 KIRKLAND HALL, NASHVILLE, TX 37240, U.S.A. (72)Name of Inventor : 1)BROWN H. ALEX 2)LINDSLEY CRAIG W. 3)WATERSON ALEX G. 4)SCOTT SARAH A.
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(54) Title of the invention : ISOFORM SELECTIVE PHOSPHOLIPASE D INHIBITORS

(57) Abstract :

Disclosed are isoform selective Phospholipase D inhibitors. In one aspect, the disclosed compounds can have a structure represented by a formula (I): Also disclosed are methods of making and using the compounds. Also disclosed are pharmaceutical compositions and kits comprising the compounds. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages : 132 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITIONS AND METHODS OF USE OF IMMUNOTOXINS COMPRISING RANPIRNASE (RAP) SHOW POTENT CYTOTOXIC ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K 39/00 :61/238,473 :31/08/2009 :U.S.A. :PCT/US2010/047132 :30/08/2010	 (71)Name of Applicant : 1)IMMUNOMEDICS, INC. Address of Applicant :300 AMERICAN ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A. 2)IBC PHARMACEUTICALS, INC. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/026026 :NA :NA :NA :NA	1)CHANG, CHIEN-HSING 2)GOLDENBERG, DAVID, M. 3)ROSSI, EDMUND, A.

(57) Abstract :

The present invention concerns methods and compositions for forming immunotoxin complexes having a high efficacy and low systemic toxicity. In preferred embodiments, the toxin moiety is a ranpirnase (Rap), such as Rap(Q). In more preferred embodiments, the immunotoxin is made using dock-and-lock (DNL) technology. The immunotoxin exhibits improved pharmacokinetics, with a longer serum half-life and significantly greater efficacy compared to toxin alone, antibody alone, unconjugated toxin plus antibody or even other types of toxin-antibody constructs. In a most preferred embodiment the construct comprises an anti-Trop-2 antibody conjugated to Rap, although other combinations of antibodies, antibody fragments and toxins may be used to form the subject immunotoxins. The immunotoxins are of use to treat a variety of diseases, such as cancer, autoimmune disease or immune dysfunction.

No. of Pages : 141 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF SEALING A PLASTIC PIPE AND APPARATUS THEREFOR (51) International classification :F16L 55/115 (71)Name of Applicant : (31) Priority Document No **1)RADIUS SYSTEMS LIMITED** :0914579.8 (32) Priority Date :20/08/2009 Address of Applicant :RADIUS HOUSE, BERRISTOW (33) Name of priority country LANE, SOUTH NORMANTON, ALFRETON, DERBYSHIRE :U.K. (86) International Application No :PCT/GB2010/051382 DE55 2JJ, UNITED KINGDOM U.K. Filing Date (72)Name of Inventor: :20/08/2010 (87) International Publication No :WO 2011/021050 **1)MUCKLE, DEREK** (61) Patent of Addition to Application 2) DICKINSON, ALAN, JOHN :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of sealing a plastics pipe (12) with a plug (14), wherein said plug (14) includes an electrofusion element (16) around an outer surface thereof, said method comprising the steps of inserting said plug (14) in a bore (13) of the pipe and energising said electrofusion element (16) whilst said pipe (12) and said plug (14) are radially urged against one another to form a seal between said plug (14) and said pipe (12).

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

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : LENGTH PR	OFILE DEVICE	
 (54) Title of the invention : LENGTH PRO (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 	DFILE DEVICE :E04C 3/07 :20092932 :02/09/2009 :Norway :PCT/NO2010/000319 :30/08/2010 :WO 2011/028126 :NA :NA	 (71)Name of Applicant : "GLEND SYSTEM AS Address of Applicant :POSTBOKS 133, N-4358 KLEPPE, NORWAY (72)Name of Inventor : GYA, ARNE HTYVIK, TOR, WILLIAM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Abstract A long, hollow, multiple sided profile device (1) where at least one of the sides (6, 8, 10) is provided with a bolthole (2), and where at least one of the sides (6, 8, 10) of the profile (1) is provided with a bolt opening (4).

No. of Pages : 13 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED PHARMACOKINETICS OF S-ADENOSYLMETHIONINE FORMULATIONS (51) International classification :A61K 9/28 (71)Name of Applicant : (31) Priority Document No 1)METHYLATION SCIENCES INTERNATIONAL SRL :61/229,186 (32) Priority Date Address of Applicant :RENDEZVOUS MAIN ROAD :28/07/2009 (33) Name of priority country :U.S.A. WORTHING, CHRIST CHURCH, BARBADOS, WEST INDIES 15006 (BB). Barbados (86) International Application No :PCT/IB2010/001879 (72)Name of Inventor: Filing Date :29/07/2010 (87) International Publication No :WO 2011/012990 1)MACDONALD, I, DAVID (61) Patent of Addition to Application 2)HARRISON, NANCY :NA Number 3)NA :NA Filing Date 4)TAKACS-COX, ANIKO (62) Divisional to Application Number :NA **5)MILLER, ROBERT** Filing Date :NA

(57) Abstract :

Compositions and methods to improve the pharmacokinetic profile of S-Adenosylmethionine (SAMe) are provided, as are methods of treating various disorders using SAMe formulations with improved pharmacokinetic profiles. More specifically, the invention is directed to methods of treating a disease or disorder in a subject and/or improving the nutritional status of a subject by administering formulations exhibiting improved pharmacokinetic profiles of exogenous SAMe. The method also includes the step of orally administering compositions of the invention to the subject once per day after overnight fast; that is prior to food intake in the morning.

No. of Pages : 70 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : S-ADENOSYLMETHHIONINE FORMULATIONS WITH ENHANCED BIOAVAILABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K 31/7076 :61/229,194 :28/07/2009 :U.S.A. :PCT/IB2010/001877 :29/07/2010	 (71)Name of Applicant : 1)MSI METHYLATION SCIENCES INC. Address of Applicant :#108-4475 WAYBURNE, BURNABY, BRITISH COLUMBIA CANADA V5G 4X4 (CA). Canada (72)Name of Inventor : 1)MACDONALD, I. DAVID
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/012989 :NA :NA :NA :NA	2)HARRISON, NANCY 3)TAKACS-COX, ANIKO 4)NA 5)PURAC, ADMIR 6)BLAZEK-WELSH, ALMIRA

(57) Abstract :

The invention relates to compositions and methods to enhance the absorption of S-adenosylmethionine (SAMe) and to methods of treatingvarious disorders or diseases using non-parenteral SAMe formulations with enhanced-absorption and improved bioavailability. The enhanced bioavailability formulations may be used to treat a variety of diseases or disorders, such as for example, psychiatric disorders including, generalized anxiety disorder, obsessive compulsive disorder, post traumatic stress disorder, panic disorder, depressive disorders (e.g. major clinical depression) and dysthymia; as well as treating liver disorders, cancer, autoimmune disorders, inflammatory disorders, joint disorders, gastrointestinal disorders and cardiovascular disease.

No. of Pages : 51 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR CONNECTING WALLS OF AN ELASTC HOLLOW BODY AT LEAST IN SOME SECTIONS AND HOLLOW BODY

 (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 	:B29C 39/10 :A 1444/2009 :11/09/2009 :Austria :PCT/AT2010/000326 :10/09/2010 :WO 2011/029116 :NA :NA :NA	 (71)Name of Applicant : 1)MAM BABYARTIKEL GESELLSCHAFT M.B.H. Address of Applicant :LORENZ-MANDL-GASSE 50, A- 1160 WIEN, AUSTRIA. (72)Name of Inventor : 1)ROHRIG, PETER 2)ROHACZEK, THOMAS
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(57) Abstract :

The invention relates to a method for the at least partial connecting of walls of a hollow body (1) of an elastic material with at least one opening (7), wherein a connecting material is introduced in viscous form into the opening (7) of the preformed hollow body (1), the walls of which form a cavity (3'), between two wall sections (10) or surfaces of the wall sections (10) facing each other are melted on for the purpose of the formation of a viscous connecting material, and then the connecting material is transferred into an elastic state with chemical or physical linking with the surfaces of the hollow body (1), so that the wall sections (10) of the hollow body (1) are at least partially connected with each other in the region of the connecting material, and a corresponding hollow body (1).

No. of Pages : 26 No. of Claims : 24
(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SPARK PLUG FOR INTERNAL COMBUSTION ENGINE AND METHOD OF MANUFACTURING SPARK PLUG

 (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 Elling Date 	:H01T 13/36 :P2009-194995 :26/08/2009 :Japan :PCT/JP2010/060624 :23/06/2010 :WO 2011/024548 :NA :NA	 (71)Name of Applicant : 1)NGK SPARK PLUG CO., LTD. Address of Applicant :14-18, TAKATSUJI-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI 467-8525 JAPAN (72)Name of Inventor : 1)AKIRA SUZUKI 2)MAI NAKAMURA 3)MAMORU MUSASA
Filing Date	:NA	

(57) Abstract :

A generation of a stress corrosion cracking is prevented in a middle section. The spark plug 1 includes an insulator 2 that extends along an axis CL1 direction and a metal shell 3. The metal shell 3 includes a middle section 41 that is positioned between a collar section 16 and a tool engaging section 19. The middle section 41 has a bulged section 42 that bulges towards both the inside and the outside in the diametrical direction, a first slender section 43 that is the most slender at a portion that is positioned further to the rear end side in the axis CL1 direction than the bulged section 42 and a second slender section 44 that is the most slender at a portion that is positioned further to the leading end side in the axis CL1 direction than the bulged section 42 and the bulged section 42 and the bulged section 42 has the most bulged section 42 most bulged section 43 and 44 along the axis CL1 is F (mm) and the bulged amount to the inside in diametrical direction of the most bulged section 42 min maginary line that connects a portion that is positioned furthest to the inside in diametrical direction of both slender sections 43 and 44 is G (mm), $0.00 < G/F \le 0.18$ is satisfied.

No. of Pages : 56 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROTEINS RELATING TO GRAIN SHAPE AND LEAF SHAPE OF RICE CODING GENES AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (7) International Publication No (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number (64) Patent (65) Divisional to Application Number (65) Divisional to Application Number (66) Divisional to Application Number (7) Divisional to Appl	 (71)Name of Applicant : 1)INSTITUTE OF SUBTROPICAL AGRICULTURE CHINESE ACADEMY OF SCIENCES Address of Applicant :1071 Yuan Da Er Lu Furong District Changsha City Hunan 410125 China (72)Name of Inventor : 1)XIA Xinjie
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(57) Abstract :

The present invention provides a protein OsXCL relating to grain shape and leaf shape of rice its derived proteins and their coding genes. Transgenic rices over-expressing OsXCL gene present phenotypes as increase of grain length grain weight and number of grains per panicle and leaf rolling and so on. The present invention also provides the method for obtaining transgenic plants by transforming the coding genes of OsXCL or its derived proteins into objective plants.

No. of Pages : 35 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C14C	(71)Name of Applicant :
(31) Priority Document No	:200930501	1)LIPOTEC S.A.
(32) Priority Date	:24/07/2009	Address of Applicant :Pol. Ind. Cam RaI C/ Isaac Peral 17
(33) Name of priority country	:Spain	E-08850 Gav;- Barcelona Spain
(86) International Application No	:PCT/EP2010/004530	(72)Name of Inventor :
Filing Date	:23/07/2010	1)Nuria GARC 🗆 A SANZ
(87) International Publication No	: NA	2)Wim VAN DEN NEST
(61) Patent of Addition to Application	·NI A	3)Cristina CARRE'O SERRA□MA
Number		4)Antonio FERRER MONTIEL
Filing Date	.NA	5)Juan CEBRI□N PUCHE
(62) Divisional to Application Number	:NA	6)Nuria ALMI'ANA DOMENECH
Filing Date	:NA	7)Gregorio FERN DNDEZ BALLESTER

(54) Title of the invention : COMPOUNDS WHICH INHIBIT MUSCLE CONTRACTION

(57) Abstract :

Peptides of general formula (I): R1 Wn Xm AA1 AA2 AA3 AA4 AA5 AA6 Yp Zs R2 (I) their stereoisomers mixtures thereof and/or their cosmetically or pharmaceutically acceptable salts their preparation process cosmetic or pharmaceutical compositions which contain them and their use in the treatment and/or care of conditions disorders and/or diseases that are a consequence of muscle contraction.

No. of Pages : 66 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C06B 23/00	(71)Name of Applicant :
(31) Priority Document No	:0956196	1)SME
(32) Priority Date	:10/09/2009	Address of Applicant :2 BOULEVARD DU GENERAL
(33) Name of priority country	:France	MARTIAL VALIN, 75015 PARIS, FRANCE.
(86) International Application No	:PCT/FR2010/051889	(72)Name of Inventor :
Filing Date	:10/09/2010	1)FREDERIC MARLIN
(87) International Publication No	:WO 2011/030071	2)STEPHANE BESOMBES
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GAS-GENERATING PYROTECHNIC COMPOUNDS

(57) Abstract :

The subject of the present invention is a pyrotechnic gas-generating product, the composition of which comprises: - guanidine nitrate, - basic copper nitrate, and - potassium perchlorate. Characteristically, said potassium perchlorate represents between 8% and 20% of the total weight of said pyrotechnic product and said composition additionally contains at least one oxide, chosen from metal oxides, metalloid oxides and mixtures thereof; said at least one oxide having a melting point below the combustion temperature of said pyrotechnic product and said at least one oxide representing between 1% and 5% of the total weight of said pyrotechnic product. Said at least one oxide improves the combustion, at low pressure, of said pyrotechnic product.

No. of Pages : 21 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRIC MOTOR, IN PARTICULAR A STARTER MOTOR FOR AN INTERNAL COMBUSTION ENGINE

 (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 	:H02K 11/00 :10 2009 028 989.5 :28/08/2009 :Germany :PCT/EP2010/062560 :27/08/2010 :WO 2011/023799 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : 1)BAYER, MICHAEL 2)LUGER, ELISABETH
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(57) Abstract :

Described herein is an electric motor (1), particularly a starter motor for an internal combustion engine, where the electric motor (1) comprises an electric conductor for supplying current. The electric conductor is connected to a contact piece (9), which is in contact with a component of the electric motor (1). The electric conductor has, in a central section (13), a rectangular cross-section.

No. of Pages : 12 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS AND APPARATUS FOR DEHYDRATING ALKANES WITH EQUALIZATION OF THE PRODUCT COMPOSITION

 (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 	:C07D :10 2009 034 464.0 :22/07/2009 :Germany :PCT/EP2010/004348 :16/07/2010 : NA :NA :NA :NA	 (71)Name of Applicant : THYSSENKRUPP UHDE GMBH Address of Applicant :Friedrich-Uhde-Str. 15 44141 Dortmund Germany (72)Name of Inventor : Helmut GEHRKE Rolf SCHWASS Max HEINRITZ-ADRIAN Oliver NOLL Sascha WENZEL
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(57) Abstract :

The invention relates to a process for the dehydrogenation of alkanes. In several reactors of the adiabatic allothermal or isothermal type or combinations thereof a gaseous alkane-containing material stream is passed through a catalyst bed in continuous operating mode a gas stream being produced which contains an alkene hydrogen and a non-converted alkane. In order to achieve a a constant product composition at least one of the process parameters of temperature pressure or steam/hydrocarbon ratio is recorded in the form of measured values at one or several points of at least one of the reactors where at least one of the process parameters is selectively controlled and influenced such that the composition of the product gas at the outlet of one reactor remains constant throughout the operating period.

No. of Pages : 19 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICE, SYSTEM AND METHOD FOR MECHANOSENSORY NERVE ENDING STIMULATION		
 (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 	:A61H 23/02 :61/237,211 :26/08/2009 :U.S.A. :PCT/US2010/046792 :26/08/2010 :WO 2011/028602 :NA :NA :NA :NA	 (71)Name of Applicant : THE UNIVERSITY OF KANSAS Address of Applicant :245 STRONG HALL, 1450 JAYHAWK BOULEVARD LAWRENCE, KANSAS 66045 U.S.A. (72)Name of Inventor : BARLOW, STEVEN M. VENKATESAN, LALIT

(57) Abstract :

A device for stimulating mechanosensory nerve endings can include a housing having an internal chamber and first and second openings; a membrane covering the first opening of housing, said membrane being sufficient flexibility to vibrate upon receiving vibratory stimulation from a vibratory mechanism; and a coupling mechanism at the second opening configured for being fluidly coupled to the vibratory mechanism, wherein the entire device consists of magnetically unresponsive materials. The housing can be cylindrical, or any polygon shape. The membrane can be integrated with the housing or coupled thereto, such as with adhesive. Optionally, the membrane can be removably coupled to the housing.

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A01N 25/00	(71)Name of Applicant :
(31) Priority Document No	:61/239,909	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:04/09/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A
(86) International Application No	:PCT/US2010/047802	(72)Name of Inventor :
Filing Date	:03/09/2010	1)TAM WILSON
(87) International Publication No	:WO 2011/028996	
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANTHRANILIC DIAMIDE COMPOSITIONS FOR PROPAGULE COATING

(57) Abstract :

Disclosed is an insecticidal composition comprising by weight based on the total weight of the composition: (a) from about 9 to about 91% of one or more anthranilic diamide insecticides; and (b) from about 9 to about 91% of a nonionic ethylene oxide-propylene oxide block copolymer component having a water solubility of at least about 5% by weight at 20 °C, a hydrophilic-lipophilic balance value of at least about 5 and an average molecular weight ranging from about 1500 to about 20000 daltons; wherein the ratio of component (b) to component (a) is about 1 : 10 to about 10:1 by weight. Also disclosed is a geotropic propagule coated with an insecticidally effective amount of the aforedescribed composition. Further disclosed is a liquid composition consisting of about 5 to 80 weight % of the aforedescribed composition and about 20 to 95 weight % of a volatile aqueous liquid carrier, and a method for protecting a geotropic propagule and plant derived therefrom from a phytophagous insect pest, the method comprising coating the propagule with an insecticidally effective amount of the aforedescribed liquid composition and then evaporating the volatile aqueous liquid carrier.

No. of Pages : 54 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRINTING APPARATUS, PRINTING MATERIAL CARTRIDGE, ADAPTOR FOR PRINTING MATERIAL CONTAINER, AND CIRCUIT BOARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04R :2010-197316 :03/09/2010 :Japan :PCT/JP2011/004882 :31/08/2011	 (71)Name of Applicant : 1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHI-SHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO 163-0811 JAPAN (72)Name of Inventor : 1)NOBORU ASAUCHI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)SHUICHI NAKANO

(57) Abstract :

A printing material cartridge comprises: a memory device; a plurality of first terminals through which a power source voltage and signals for operating the memory device are supplied from a printing apparatus; and a plurality of second terminals to be used for detecting attachment conditions of the printing material cartridge in a cartridge attachment unit. The plurality of first terminals have a plurality of first contact portions that get in contact with corresponding apparatus-side terminals when the printing material container is properly attached to the cartridge attachment unit. The plurality of second contact portions that get in contact portions are arranged so as to form a first row and a second row. Four contact portions are placed at both ends of the first and second rows, respectively.

No. of Pages : 192 No. of Claims : 61

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61M 5/46	(71)Name of Applicant :
(31) Priority Document No	:61/271,565	1)PROGRAM FOR APPROPRIATE TECHNOLOGY IN
(32) Priority Date	:23/07/2009	HEALTH
(33) Name of priority country	:U.S.A.	Address of Applicant :2201 WESTLAKE AVENUE, SUITE
(86) International Application No	:PCT/US201/043071	200, SEATTLE, WA 98121, UNITED STATES OF AMERICA
Filing Date	:23/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/011697	1)IZRAIL TSALS
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/011697 :NA :NA :NA :NA	1)IZKAIL ISALS

(54) Title of the invention : INTRADERMAL INJECTION ADAPTER

(57) Abstract :

An intradermal injection assembly for injecting a medicament into skin could form an intradermal needle with an adapter, an intradermal syringe with an adapter or an adapter for a merger with a syringe with a cannula. The intradermal adapter in these devices has a body having a longitudinal axis, a centra] portion having a cannula channel and a distal protrusion extend¬ing generally parallel to the longitudinal axis. The distal protrusion of the adapter has a first skin contacting surface extending generally parallel to the longitudinal axis. At least a portion of the distal protrusion is generally transparent such that the portion of the cannula that extends distally relative to a demarcation plane can be viewed through the distal protrusion during insertion of the cannula into a patient's skin.

No. of Pages : 43 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :A61K 35/74 (71)Name of Applicant : (31) Priority Document No 1)NESTEC S.A. :09168590.9 Address of Applicant : AVENUE NESTLE 55, CH-1800 (32) Priority Date :25/08/2009 (33) Name of priority country VEVEY. SWITZERLAND :EPO (86) International Application No :PCT/EP2010/062320 (72)Name of Inventor : Filing Date **1)MCLEAN, PETER** :24/08/2010 (87) International Publication No :WO 2011/023689 2)BERGONZELLI DEGONDA, GABRIELA (61) Patent of Addition to Application **3)COLLINS, STEPHEN MICHAEL** :NA Number **4)BERCIK, PREMYSL** :NA Filing Date **5)VERDU DE BERCIK, ELENA** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : BIFIDOBACTERIUM LONGUM AND FUNCTIONAL GI DISORDERS

(57) Abstract :

The present invention generally relates to the field of probiotic bacteria. In particular it relates to Bifidobacterium longum, such as Bifidobacterium longum ATCC BAA-999, and its use in ingestible compositions. The composition described in the present invention may be used to treat or prevent functional GI disorders.

No. of Pages : 27 No. of Claims : 13

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOUNDS THAT TREAT MALARIA AND PREVENT MALARIA TRANSMISSION

		(71)Name of Applicant :
(51) International classification	:A01N 43/40	1)THE U.S.A., REPRESENTED BY THE SECRETARY,
(31) Priority Document No	:61/237,417	DEPT. OF HEALTH AND HUMAN SERVICES
(32) Priority Date	:27/08/2009	Address of Applicant : OFFICE OF TECHNOLOGY
(33) Name of priority country	:U.S.A.	TRANSFER, NATIONAL INSTITUTES OF HEALTH, 6011
(86) International Application No	:PCT/US2010/047019	EXECUTIVE BOULEVARD, SUITE 325, MSC 7660,
Filing Date	:27/08/2010	BETHESDA, MD 20892-7660, U.S.A.
(87) International Publication No	:WO 2011025969	(72)Name of Inventor :
(61) Patent of Addition to Application	•NI A	1)SU, XIN-ZHUAN
Number	INA INA	2)YUAN, JING
Filing Date	.11/A	3)RAJ, DIPAK
(62) Divisional to Application Number	:NA	4)PATTARADILOKRAT, SITTIPORN
Filing Date	:NA	5)JOHNSON, RON
		6)HUANG, RUILI

(57) Abstract :

The invention provides methods and compounds for the treatment and prevention of malaria infection and transmission in a mammal by administering compounds of the invention to a mammal having or suspected of having a malaria infection. The invention also provides pharmaceutical compositions that can kill or arrest the growth of Plasmodium organisms, and especially Plasmodium falciparum, thereby preventing or blocking transmission of malaria as well as treating malaria infection.

No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE TOTAL OR PARTIAL REPLACEMENT OF TALC IN CHEWING GUM :A23G 4/00 (51) International classification (71)Name of Applicant : (31) Priority Document No **1)ROQUETTE FRERES** :09 55960 (32) Priority Date :01/09/2009 Address of Applicant :F-62136 LESTREM, FRANCE. (33) Name of priority country (72)Name of Inventor: :France (86) International Application No **1)BOIT, BAPTISTE** :PCT/FR2010/051676 Filing Date :06/08/2010 2)LEFEVRE, PHILIPPE (87) International Publication No :WO 2011/027061 **3)LIS JOSE** (61) Patent of Addition to Application **4)ORTIZ DE ZARATE, DOMINIQUE** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a method of production of chewing gum comprising a step of mixing the ingredients, a step of extrusion of the mixture, a step of dusting with a dusting powder, a rolling step and a forming-cutting step, wherein said dusting powder comprises a pulverulent composition containing from 28% to 0.1%, preferably from 25% to 1% of particles of diameter below 75 µm and of hygroscopicity between 0.01 and 5%, said pulverulent composition comprising at least one polyol. The invention also relates to the chewing gum obtained by application of the method.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL GLYCOSYL HYDROLASE ENZYMES AND USES THEREOF

		(71)Name of Applicant : 1)DANISCO US INC.
(51) International classification	:C12N 9/24	Address of Applicant :925 PAGE MILL ROAD, PALO
(31) Priority Document No	:61/245,273	ALTO, CALIFORNIA 94304, U.S.A.
(32) Priority Date	:23/09/2009	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)BOWER BENJAMIN
(86) International Application No	:PCT/US2010/049849	2)HSI MEGAN YEE
Filing Date	:22/09/2010	3)KAPER THIJS
(87) International Publication No	:WO 2011/038019	4)KELEMEN BRADLEY R.
(61) Patent of Addition to Application	·N A	5)LANTZ SUZANNE E.
Number		6)MITCHINSON COLIN
Filing Date	INA	7)LARENAS EDMUND A.
(62) Divisional to Application Number	:NA	8)KIM STEVEN
Filing Date	:NA	9)HITZ WILLIAM D.
		10)EMPTAGE MARK
		11)WING KEITH DUMONT

(57) Abstract :

The present disclosure is generally directed to glycosyl hydrolase enzymes, compositions comprising such enzymes, and methods of using the enzymes and compositions, for example for the saccharification of cellulosic and hemicellulosic materials into sugars.

No. of Pages : 251 No. of Claims : 140

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HUMAN SKIN EXPLANT CULTURE SYSTEM AND USE THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N 5/071 :61/235,923 :21/08/2009 :U.S.A. :PCT/US2010/045832 :18/08/2010	 (71)Name of Applicant : 1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC. Address of Applicant :199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/022451 :NA :NA :NA :NA	1)NANNAN CHEN 2)YAPING HU 3)CONNIE BAOZHEN LIN 4)APOSTOLOS PAPPAS 5)MIRI SEIBERG

(57) Abstract :

The present invention features a human skin explant culture system and uses thereof.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF PURIFYING FISCHER-TROPSCH DERIVED WATER□ (51) International classification :H02B (71) Name of Applicant : (71) Division Description (2000) 4.67

(51) International classification	.H02D	(71)Name of Applicant:
(31) Priority Document No	:60/389,467	1)SASOL TECHNOLOGY (PTY) LTD
(32) Priority Date	:18/06/2002	Address of Applicant :1 Sturdee Avenue Rosebank 2196
(33) Name of priority country	:U.S.A.	Johannesburg South Africa
(86) International Application No	:PCT/ZA2003/000082	(72)Name of Inventor :
Filing Date	:18/06/2003	1)DANCUART KOHLER Luis Pablo Fidel
(87) International Publication No	: NA	2)DU PLESSIS Gert Hendrik
(61) Patent of Addition to Application	·NIA	3)DU TOIT Francois Jacobus
Number	.INA .NA	4)KOPER Edward Ludovicus
Filing Date	INA	5)PHILLIPS Trevor David
(62) Divisional to Application Number	:4160/DELNP/2004	6)VAN DER WALT Janette
Filed on	:28/12/2004	

(57) Abstract :

A process for the production of highly purified water 32 from Fischer-Tropsch reaction water 12 which process includes at least the steps of a primary treatment stage comprising biological treatment 14 for removing at least a fraction of dissolved organic carbon from the Fischer-Tropsch reaction water 12 to produce a primary water-enriched stream 16 a secondary treatment stage comprising solid-liquid separation 24 for removing at least some solids from at least a portion of the primary water-enriched stream 16 to produce a secondary water-enriched stream 28 and a tertiary treatment stage comprising a dissolved salt and organic removal step 30 for removing at least some dissolved salts and organic constituents from at least a portion of the secondary water-enriched stream 28.

No. of Pages : 25 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHOTOVOLT	AIC LEAD MANUFAC	TURE
 (54) Title of the invention : PHOTOVOLT (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 	AIC LEAD MANUFAC :H01L 31/02 :61/236,621 :25/08/2009 :U.S.A. :PCT/US2010/046182 :20/08/2010 :WO 2011/025716 :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)FIRST SOLAR, INC. Address of Applicant :28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA (72)Name of Inventor : 1)STEVEN CAMPBELL 2)STEPHEN MURPHY 3)JAMES PODDANY 4)THOMAS TRUMAN
Filing Date	:NA	

(57) Abstract :

An improved lead foil operation procedure for photovoltaic module manufacture is disclosed. The procedure includes lift, cut, and fold lead foil.

No. of Pages : 19 No. of Claims : 26

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:B25J 19/00(71(31) Priority Document No:A 1426/20091(32) Priority Date:10/09/2009464(33) Name of priority country:Austria464(86) International Application No:PCT/AT2010/000324(72Filing Date:09/09/20101(87) International Publication No:WO 2011/0291142(61) Patent of Addition to Application:NA3Number:NA:NA464(62) Divisional to Application Number:NA3Filing Date:NA:NA3(62) Divisional to Application Number:NA3Filing Date:NA:NA3	 71)Name of Applicant : 1)FRONIUS INTERNATIONAL GMBH Address of Applicant :VORCHDORFER STRASSE 40, A- 643 PETTENBACH, AUSTRIA 72)Name of Inventor : 1)MICHAEL RICHTSFELD 2)STEFAN EHRENBRANDNER 3)GERNOT TRAUNER

(57) Abstract :

The invention relates to a collision protection device (1) for connecting a welding torch (2) connected to a hose pack (4) to a robot arm (3) of a welding robot, comprising two coupling elements (6, 7) that is adapted to be detachably connected to each other by means of magnets (8), wherein one coupling element (6) is designed to be connected to the welding torch (2) or to a torch coupling (5) that is adapted to be connected to the welding torch (2), and the other coupling element (7) is designed to be connected to the robot arm (3), and the coupling elements (6, 7) have openings (10, 11), characterized in that the openings (10, 11) in the coupling elements (6, 7) are designed for feeding the hose pack (4) through, and that the coupling element (6) that is adapted to be connected to the welding torch (2) or to the torch coupling (5), or the torch coupling (5) comprises elements (15) to be connected to the hose pack (4).

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

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A CATALYST INTERMEDIATE			
 (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 Filed on 	:C07C :0410408.9 :11/05/2004 :U.K. :PCT/GB05/001780 :10/05/2005 :WO 2005/107942 :NA :NA :NA :6229/DELNP/2006	 (71)Name of Applicant : 1)JOHNSON MATTHEY PLC Address of Applicant :40-42 HATTON GARDEN LONDON EC1N 8EE, U.K. (72)Name of Inventor : 1)CORNELIS MARTINUS LOK 2)JILL TURNER 	

(57) Abstract :

A catalyst intermediate comprising a cobalt compound, said cobalt compound comprising a Co(II)/Co(III) hydrotalcite phase and a Co3O4 cobalt spinel phase, wherein the ratio of cobalt hydrotalcite phase : cobalt spinel phase is less than 0.6:1, said cobalt hydrotalcite phase and said cobalt spinel phase being measured by X-ray diffractometry.

No. of Pages : 22 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C01B 33/037 :20093054 :23/09/2009 :Norway :PCT/NO1010/000332 :09/09/2010 :WO 2011/037473	 (71)Name of Applicant : 1)ELKEM SOLAR AS Address of Applicant :HOFFSVEIEN 65B, N-0377 OSLO, NORWAY. (72)Name of Inventor : 1)ZEAITER, KHALIL
(80) International Application No	.FC1/NO1010/000552	
Filling Date	:09/09/2010 WO 2011/027472	I)ZEATTER, KHALIL
(87) International Publication No	:w0 2011/03/4/3	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	N.T. 4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR PRODUCING HIGH PURITY SILICON

(57) Abstract :

The present invention relates to a method for producing high purity silicon comprising providing molten silicon containing 1-10% by weight of calcium, casting the molten silicon, crushing the silicon and subjecting the crushed silicon to a first leaching step in an aqueous solution of HCI and/or HCI + FeCI3 and to a second leaching step in an aqueous solution of HF and HN03. The leached silicon particles is thereafter subjected to heat treatment at a temperature of between 1250°C and 14200C for a period of at least 20 minutes and the heat treated silicon is subjected to a third leaching step in an aqueous solution of HF and HNO3.

No. of Pages : 7 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D :PCT/RU2009/000374 :28/07/2009 :Russia :PCT/RU2009/000374 :28/07/2009	 (71)Name of Applicant : 1)VISHNYAKOV Anatoly Vasilyevich Address of Applicant :Ul. Mitinskaya 19-100 Moscow Russian Federation Russia 2)SOKOLOV Dmitry Juryevich (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)VISHNYAKOV Anatoly Vasilyevich 2)SOKOLOV Dmitry Juryevich

(54) Title of the invention : AN INORGANIC LUMINESCENT MATERIAL FOR SOLID-STATE WHITE-LIGHT SOURCES

(57) Abstract :

The invention pertains to the field of lighting technology using InGaN-based blue LEDs and specifically to luminescent materials containing yttrium oxide oxides of rare earth metals as well as aluminium oxide in proportions that yield a luminescent material whose average composition fits the general formula where a - defines increase in stoichiometric index over the known value for yttrium-gadolinium garnet and varies between 0.033 and 2; x - is atomic fraction of cerium 0.0001-0.1; - is one or more lanthanides from the Gd Tb La Yb group whose atomic fraction in an yttrium sub-lattice is 0 01 <Gd< 0 70; 0 001<Tb<0 2; 0 001<La<0 1; 0 001<Yb<0 1 respectively while the difference for all the compositions [1xy] > 0.

No. of Pages : 18 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No	:A10M :10 2009 034 494.2	(71)Name of Applicant : 1)ThyssenKrupp Uhde GmbH
(32) Priority Date	:22/07/2009	Address of Applicant :Friedrich-Uhde-Strasse 15 44141
(33) Name of priority country	:Germany	Dortmund Germany.
(86) International Application No	:PCT/EP2010/004274	(72)Name of Inventor :
Filing Date	:14/07/2010	1)Karl-Heinz JASS
(87) International Publication No	: NA	2)Daniel ORYAN
(61) Patent of Addition to Application	:NA	3)Andreas ALKE
Filing Date	:NA	4)Sascha WENZEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTINUOUS TREATMENT OF WATER CONTAINING CARBON BLACK

(57) Abstract :

Process for the continuous treatment of soot water that arises from the partial oxidation of heavy-metal-containing liquid hydrocarbons. In a pre-dewatering step the soot water is centrifuged to a solids content of up to 10% at a pressure of up to 5 bar and a temperature of up to 150°C with no agents being added a pasty soot sludge rich in heavy metals being obtained and a centrate that is low in heavy metals accumulating the centrate being recycled at least in part to the gasification process as process water.

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

1)GOBEL., ALEXANDRA SABINE BARBEL

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(72)Name of Inventor :

(54) Title of the invention : NOVEL PHARMACEUTICAL COMPOSITION COMPRISING A MACROLIDE IMMUNOSUPPRESSANT DRUG (51) International classification (71)Name of Applicant : :A61K 9/107 **1)NOVALIQ GMBH** (31) Priority Document No :09012724.2 (32) Priority Date Address of Applicant : IM NEUENHEIMER FELD 515, 69120 :08/10/2009 (33) Name of priority country HEIDELBERG (DE). Germany :EPO

:PCT/EP2010/064965

:WO 2011/042485

:07/10/2010

:NA

:NA

:NA

:NA

(57) Abstract :

Number

The invention provides novel pharmaceutical compositions of macrolide immunosuppressants. The compositions comprise a hydrophilic component, a lipophilic component, and an amphophilic component. Preferably, the compositions are formulated as liquid microemulsion. Furthermore, the invention provides uses of such compositions, such as for the topical treatment of inflammatory and autoimmune diseases. Methods for preparing the compositions are also provided.

No. of Pages : 30 No. of Claims : 14

(86) International Application No

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

Filing Date

Filing Date

Filing Date

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYPEPTIDES HAVING OXIDOREDUCTASE ACTIVITY AND THEIR USES (51) International classification :C07D 307/50 (71)Name of Applicant : 1)DSM IP ASSETS B.V. (31) Priority Document No :09169227.7 Address of Applicant :HET OVERLOON 1, NL-6411 TE (32) Priority Date :02/09/2009 HEERLEN. THE NETHERLANDS Netherlands :EUROPEAN (33) Name of priority country (72)Name of Inventor : UNION (86) International Application No 1)RUIJSSENAARS, HARALD JOHAN :PCT/EP2010/062896 Filing Date :02/09/2010 2)WIERCKX, NICK JOHANNES PETRUS (87) International Publication No :WO 2011/026913 **3)KOOPMAN, FRANK WOUTER** (61) Patent of Addition to Application 4)STRAATHOF, ADRIANUS JOHANNES JOZEF :NA Number **5)DE WINDE, JOHANNES HENDRIK** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a polypeptide having oxidoreductase activity which comprises the amino acid sequence set out in SEQ ID NO: 3 or an amino acid sequence encoded by the nucleotide sequence of SEQ ID NO: 4, or a variant polypeptide thereof having 45% or more sequence identity with the sequence of SEQ ID NO: 3. The invention also relates to a process for the production of 2,5-furan-dicarboxylic acid (FDCA) or production of 5-hydroxymethyl-2-furancarboxylic acid (HMF acid).

No. of Pages : 49 No. of Claims : 19

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TETRA-SUBSTITUTED HETEROARYL COMPOUNDS AND THEIR USE AS MDM2 AND/OR MDM4 MODULATORS

(51) International classification	:C07D 207/34	(71)Name of Applicant :
(31) Priority Document No	:61/237, 107	1)NOVARTIS AG
(32) Priority Date	:26/08/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056
(33) Name of priority country	:U.S.A.	BASEL, SWITZERLAND.
(86) International Application No	:PCT/EP2010/062300	(72)Name of Inventor :
Filing Date	:24/08/2010	1)BOLD GUIDO
(87) International Publication No	:WO 2011/023677	2)FURET PASCAL
(61) Patent of Addition to Application	.NT A	3)GESSIER FRANCOIS
Number		4)KALLEN JOERG
Filing Date	.INA	5)HERGOVICH LISZTWANN JOANNA
(62) Divisional to Application Number	:NA	6)MASUYA KEIICHI
Filing Date	:NA	7)VAUPEL ANDREA

(57) Abstract :

The invention relates to tetra-substituted heteroarylic compounds of the formula (I) wherein X1, X3 and X4 are independently C or N, Y is C-H, N-H or N, wherein the total number of nitrogen atoms represented by X1, X3, X4 and Y is 1 or 2; rings A and B are independently selected from phenyl or pyridyl; R1, R4, R', R, n and m are as defined herein. Such compounds are suitable for the treatment of a disorder or disease which is mediated by the activity of MDM2 and/or MDM4, or variants thereof.

No. of Pages : 271 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A SYSTEM FOR TRANSFORMATION OF THE CHLOROPLAST GENOME OF SCENEDESMUS SP. AND DUNALIELLA SP.

(51) International classification	:A01H 13/00	(71)Name of Applicant :
(31) Priority Document No	:61/242,735	1)SAPPHIRE ENERGY, INC.
(32) Priority Date	:15/09/2009	Address of Applicant : LEGAL DEPARTMENT, 3115
(33) Name of priority country	:U.S.A.	MERRYFIELD ROW, SAN DIEGO, CALIFORNIA 92121,
(86) International Application No	:PCT/US2010/048828	U.S.A.
Filing Date	:14/09/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/034863	1)BOTSCH KYLE
(61) Patent of Addition to Application	.NT A	2)SZYJKA SHAWN
Number		3)LEVINE WENDY
Filing Date	.INA	4)CURRAN AMY
(62) Divisional to Application Number	:NA	5)O'NEILL BRYAN
Filing Date	:NA	6)MENDEZ MICHAEL

(57) Abstract :

The present disclosure relates to methods of transforming various species of algae, for example, algae from the genus Scenedesmus and the genus Dunaliella, vectors and nucleic acid constructs useful in conducting such transformations, and recombinant algae, for example, Scenedesmus and Dunaliella produced using the vectors and methods disclosed herein.

No. of Pages : 240 No. of Claims : 80

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C08J 3/22 :0956637 :25/09/2009 :France :PCT/FR2010/051996 :23/09/2010 :WO 2011/036411 :NA :NA	 (71)Name of Applicant : 1)ARKEMA FRANCE Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700, COLOMBES, FRANCE (72)Name of Inventor : 1)ALEXANDER KORZHENKO 2)MICKAEL HAVEL 3)CATHERINE BLUTEAU
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MASTERBATCH FOR MANUFACTURING A DRILLING FLUID

(57) Abstract :

The present invention relates to an oil-based masterbatch containing carbon nanotubes, to a method for preparing same and to the use thereof for manufacturing an aqueous or organic viscoelastic fluid, intended for drilling in underground formations.

No. of Pages : 29 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MAINTAINING LOWERED CO IN A CO2 PRODUCT STREAM IN A PROCESS FOR TREATING SYNTHESIS GAS

Т

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C01B 3/52 :12/632,244 :07/12/2009 :U.S.A.	 (71)Name of Applicant : 1)UOP LLC Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX 5017, DES PLAINES, ILLINOIS 60017-5017, UNITED
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2010/056125 :10/11/2010	STATES OF AMERICA. (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/071646 :NA :NA	1)LECHNICK, WILLIAM J. 2)BRESLER, LEONID 3)PALLA, NAGARAJU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention involves a process for maintaining a low level of carbon monoxide in a carbon dioxide product stream and also for keeping the carbon monoxide out of the fully shifted synthesis gas. The overall process is a process for treating both fully shifted and partially shifted or unshifted synthesis gas. The carbon monoxide is separately removed by a carbon monoxide stripping column and returned to the partially shifted or unshifted synthesis gas which can then undergo a shift reaction to convert the carbon monoxide to carbon dioxide.

No. of Pages : 24 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C12P 21/08 :61/242,872 :16/09/2009 :U.S.A. :PCT/US2010/043663 :29/07/2010 :WO 2011/034660 :NA :NA	 (71)Name of Applicant : I)IMMUNOMEDICS, INC. Address of Applicant :300 AMERICAN ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A. (72)Name of Inventor : HANSEN, HANS J. CHANG, CHIEN-HSING GOLDENBERG, DAVID, M.
(62) Divisional to Application NumberFiling Date	:NA :NA	

(54) Title of the invention : CLASS I ANTI-CEA ANTIBODIES AND USES THEREOF

(57) Abstract :

The present invention provides compositions and methods of use of humanized, chimeric or human Class I anti-CEA antibodies or fragments thereof, preferably comprising the light chain variable region CDR sequences SASSRVSYIH (SEQ ID NO:1); GTSTLAS (SEQ ID NO:2); and QQWSYNPPT (SEQ ID NO:3); and the heavy chain variable region CDR sequences DYYMS (SEQ ID NO:4); FIANKANGHTTDYSPSVKG (SEQ ID NO:5); and DMGIRWNFDV (SEQ ID NO:6). The Class I anti-CEA antibodies or fragments are useful for treating diseases, such as cancer, wherein the diseased cells express CEACAM5 and/or CEACAM6 antigens. The Class I anti-CEA antibodies or fragments are also of use for interfering with specific processes, such as metastasis, invasiveness and/or adhesion of cancer cells, or for enhancing sensitivity of cancer cells to cytotoxic agents and have favorable effects on the survival of subjects with cancer.

No. of Pages : 136 No. of Claims : 66

(22) Date of filing of Application :24/02/2012

(21) Application No.1706/DELNP/2012 A

(43) Publication Date : 05/06/2015

	A (10	
(51) International classification	:A61C	(71)Name of Applicant :
(31) Priority Document No	:2009-179586	1)OMRON HEALTHCARE Co. LTD.
(32) Priority Date	:31/07/2009	Address of Applicant :53 Kunotsubo Terado-cho Muko-shi
(33) Name of priority country	:Japan	Kyoto 617-0002 Japan
(86) International Application No	:PCT/JP2010/062431	(72)Name of Inventor :
Filing Date	:23/07/2010	1)Masashi KITAMURA
(87) International Publication No	: NA	2)Kai ZHONG
(61) Patent of Addition to Application	·NA	3)Chun-Peng ZHANG
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BLOOD PRESSURE MONITOR

(57) Abstract :

According to an inventive blood pressure monitor when a main unit (10) is mounted on a mounting surface such as a desk a bulging region (11C) of a first tube (24A) and a bulging region (11D) of a second tube (24B) both located at a rear surface (10B) of the main unit (10) come into contact with the mounting surface. This can avoid the main unit (10) from sliding even when the main unit (10) is pulled by the first and second tubes (24A 24B). Consequently a blood pressure monitor is provided having the configuration in which the main unit is less likely to slide over the mounting surface even when the main unit is pulled by tubes connected to the main unit.

No. of Pages : 21 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:A61K(31) Priority Document No:09/55301(32) Priority Date:29/07/2009(33) Name of priority country:France(86) International Application No:PCT/EP2010/06077Filing Date:26/07/2010(87) International Publication No: NA(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : LABORATOIRES FRANCE BEBE NUTRITION Address of Applicant :7 avenue de Lattre de Tassigny 53000 LAVAL France. (72)Name of Inventor : TEK Konthirith KERRAND Solenn GIORDANO Thierry
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(54) Title of the invention : NUTRITIONAL COMPOSITION FOR BREAST-FEEDING WOMEN

(57) Abstract :

The present invention relates to a nutritional composition for women who are breast-feeding a child including essential nutritional elements for the mother and for the child feeding on the motherTMs milk as well as at least one plant extract for promoting breast-feeding. Specifically the invention relates to a nutritional composition including a protein fraction a carbohydrate fraction a lipid fraction including at least one fatty acid of the omega-3 family at least one mineral element at least one vitamin including vitamin D and at least one extract of a plant selected from the common hop (Humulus lupulus) barley malt (Hordeum vulgare) fenugreek (Trigonella foenum graecum) anise (Pimpinella anisum) fennel (Foeniculum) cumin (Cuminum cyminum) basil (Ocimum basilicum) white deadnettle (Lamium album) niaouli (Melaleuca quiquenervia) caraway (Carum carvi) heartsease (Viola tricolor) quinoa (Chenopodium quinoa) French lilac (Galega officinalis) or a mixture thereof.

No. of Pages : 12 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRANSFORMANT AND PROCESS FOR PRODUCTION THEREOF, PROCESS FOR PRODUCTION OF LACTIC ACID

 (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 	:C12N 15/09 :2009-192271 :21/08/2009 :Japan :PCT/JP2010/063888 :17/08/2010 :WO 2011/021629 :NA :NA	 (71)Name of Applicant : 1)ASAHI GLASS COMPANY, LIMITED Address of Applicant :5-1, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8405 (JP) Japan (72)Name of Inventor : 1)HARA, FUTOSHI 2)TOHDA, HIDEKI 3)HAMA, YUKO
Filing Date	:NA	

(57) Abstract :

The present invention relates to a transformant, containing a lactate dehydrogenase gene which is introduced into Schizosaccharomyces pombe as a host, in which a part of a gene cluster encoding a pyruvate decarboxylase in the Schizosaccharomyces pombe host is deleted or inactivated.

No. of Pages : 49 No. of Claims : 15

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(57) Abstract :

Disclosed herein is a constant velocity coupling of a new design and manufacture comprising an input shaft having a first wave surface thereupon, wherein the first wave surface comprises mounds and valleys. The constant velocity coupling additionally comprises an output shaft having a second wave surface thereupon, wherein the second wave surface comprises mounds and valleys. The constant velocity coupling additionally comprises a housing substantially enclosing the first wave surface and second wave surface, wherein rotational force exerted upon the input shaft is translated through the lobes of the first wave surface to the lobes of the second wave surface and to the output shaft in turn, and wherein the first wave surface and second wave surface transmit rotational force therebetween through any range of angles to a maximum output angle between a rotational axis of the input shaft relative to a rotational axis of the output axis.

No. of Pages : 52 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A61K :61/230,595 :31/07/2009 :U.S.A. :PCT/US2010/043992 :30/07/2010 : NA :NA	 (71)Name of Applicant : 1)ENDOCYTE INC. Address of Applicant :3000 Kent Avenue West Lafayette Indiana 47906 U.S.A. (72)Name of Inventor : 1)LEAMON Christopher Paul 2)MESSMANN Richard 3)MORGENSTERN David
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MORGENSTERN David
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : FOLATE-TARGETED DIAGNOSTICS AND TREATMENT

(57) Abstract :

Methods of detecting and assessing functionally active folate receptors on tumors and treatment associated with those tumors are described. Also described are methods of selecting ovarian and lung cancer patients for therapy with a folate-vinca conjugate by identifying functionally active folate receptors on the tumors of the patient. Also described are methods and compositions for treating folate receptor expressing epithelial tumors with a folate-vinca conjugate in combination with doxorubicin such as pegylated liposomal doxorubicin in which the tumors include ovarian endometrial or non-small cell lung cancer tumors including platinum-resistant ovarian tumors and platinum sensitive ovarian tumors. Also described are methods of treating platinum-resistant ovarian cancer using a folate-targeted drug in the absence or presence of selecting the patient by identifying functionally active folate receptors on the tumors of the patient.

No. of Pages : 98 No. of Claims : 68

(21) Application No.1709/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/02/2012

(43) Publication Date : 05/06/2015

 (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 	:H04L :200910168103.8 :28/08/2009 :China :PCT/CN2010/072679 :12/05/2010 : NA :NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)XIANG Xiaoshan;
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(54) Title of the invention : METHOD AND NETWORK NODE FOR MESSAGE TRANSFER

(57) Abstract :

The present disclosure provides a method, a system and a network node for message transfer. The method comprises: a sending node sends a message whose message header carries transfer type information and unique identifier information in a way of copy from all output interfaces of the sending node to a destination node (101); and the destination node analyzes the message header of the received message, determines whether the message is received for a first time after the message is determined as a message sent in the way of copy according to the transfer type information, and records the unique identifier information of the message if the message is received for the first time (102). The solution improves the transfer reliability and promptness of messages, especially those important signaling messages, by sending copies of the signaling message from multiple output interfaces. Fig. 1

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

CORRECTING FOR SIGNAL DECAY (51) International classification (71)Name of Applicant : :G01M 15/12 (31) Priority Document No 1)WESTPORT POWER INC. :2,673,216 (32) Priority Date Address of Applicant :1750 WEST 75TH AVENUE, SUITE :31/07/2009 (33) Name of priority country 101 VANCOUVER, BRITISH COLUMBIA V6P 6G2 (CA) :Canada (86) International Application No :PCT/CA2010/001143 Canada (72)Name of Inventor: Filing Date :27/07/2010 (87) International Publication No :WO 2011/011868 1)HUANG, JIAN; (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR RECONSTRUCTING IN-CYLINDER PRESSURE AND

(57) Abstract :

The disclosed method comprises steps for reconstructing in-cylinder pressure data from a vibration signal collected from a vibration sensor mounted on an engine component where it can generate a signal with a high signal-to-noise ratio, and correcting the vibration signal for errors introduced by vibration signal charge decay and sensor sensitivity. The correction factors are determined as a function of estimated motoring pressure and the measured vibration signal itself with each of these being associated with the same engine cycle. Accordingly, the method corrects for charge decay and changes in sensor sensitivity responsive to different engine conditions to allow greater accuracy in the reconstructed in-cylinder pressure data. An apparatus is also disclosed for practicing the disclosed method, comprising a vibration sensor, a data acquisition unit for receiving the vibration signal, a computer processing unit for processing the acquired signal and a controller for controlling the engine operation based on the reconstructed in-cylinder pressure.

No. of Pages : 42 No. of Claims : 40
(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B67B	(71)Name of Applicant :
(31) Priority Document No	:12/509,153	1)LAITRAM L.L.C.
(32) Priority Date	:24/07/2009	Address of Applicant : Legal Department 200 Laitram Lane
(33) Name of priority country	:U.S.A.	Harahan Louisiana 70123 United States of America.
(86) International Application No	:PCT/US2010/041126	(72)Name of Inventor :
Filing Date	:07/07/2010	1)Matthew L. FOURNEY
(87) International Publication No	: NA	
(61) Patent of Addition to Application	·NA	
Number	NIA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD AND APPARATUS FOR POSITIONING A WORKPIECE

(57) Abstract :

Apparatus and method for operating on workpieces. The apparatus has a rectangular work area (46) defined by the upper run of a workpiece-positioning conveyor (11) having an oblique-roller conveyor belt selectively driven forward or reverse in coordination with the actuation and deactuation of the obliquely rotatable belt rollers (42). Tools such as cutting tools (54) or inspection stools along the sides of the work area (46) interact with the side faces of the workpieces (14) as they are translated without rotation in a rectangular path against guide surfaces on the periphery of the work area (14) by the sequential reversing of the conveyor belt (36) direction and the actuation and deactuation of the workpiece-supporting rollers (42).

No. of Pages : 18 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C10M 129/10	(71)Name of Applicant :
(31) Priority Document No	:61/234,727	1)THE LUBRIZOL CORPORATION
(32) Priority Date	:18/08/2009	Address of Applicant :29400 LAKELAND BOULEVARD,
(33) Name of priority country	:U.S.A.	WICKLIFFE, OHIO 44092-2298, UNITED STATES OF
(86) International Application No	:PCT/US2010/044968	AMERICA
Filing Date	:10/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/022245	1)MARK C. DAVIES
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LUBRICATING COMPOSITION CONTAINING AN ANTIWEAR AGENT

(57) Abstract :

The invention provides a method of lubricating an aluminium-alloy surface of an internal combustion engine comprising supplying to the aluminium-alloy surface a lubricating composition comprising an oil of lubricating viscosity and an alkali or alkaline earth metal phenate detergent. The phenate disclosed herein may further provide antiwear performance on the aluminium-alloy surface.

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

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR SUBSCRIBING A CALL

 (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 	:H04M 3/42 :200910152078.4 :28/07/2009 :China :PCT/CN2009/075592 :15/12/2009 :WO 2011/011947 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA. (72)Name of Inventor : 1)JUNHUI MA 2)MINGWEI YANG 3)XIAODONG WANG
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(57) Abstract :

The present invention discloses a method, an apparatus and a system for subscribing a call, wherein this method comprises: a SCF receiving an access request from a calling user through a SSP; the SCF performing with the called user the subscription interaction for the calling user and generating subscription call information; and the SCF prompting the subscription call information [for the calling user., By the present invention, a simple and effective subscription call service can be realized.

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

(19) INDIA

(22) Date of filing of Application :25/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BASE STATION AND METHOD FOR STORING CODE STREAMS OF BROADCASTING INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (21/08/2009 (37) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International to Application Number (52) Divisional to Application Number (52) Divisional to Application Number (53) Date (54) Date (55) Divisional to Application Number (56) Date (57) Date (58) Date (58) Date (58) Date (58) Date (51) Date (51) Date (52) Divisional to Application Number (52) Divisional to Application Number (53) Date (54) Date (55) Date (56) Date (57) Date (57) Date (58) Date	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)LI Guowen;
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(57) Abstract :

The present disclosure discloses a method for storing code streams of broadcasting information. The method includes the steps that: a base station reads configuration information to be broadcasted, fills the parameter information of the configuration information in the structure corresponding to the broadcasting information, encodes the broadcasting information to generate code streams and then stores the code streams; wherein during the storing step, the base station stores each piece of System Information (SI) of the broadcasting information in a format of code streams, the stored SI includes both the length of SI and the SI code streams. The present disclosure further discloses a corresponding base station. With the present disclosure, broadcasting information is stored in a format of code streams, thus the memory is saved extremely; each SI is stored in an identical storing area, thus the storage space is saved furthest and the efficiency is improved.

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

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRIC M	IACHINE	
 (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 	:H02K 11/00 :10 2009 028 605.5 :18/08/2009 :Germany :PCT/EP2010/060356 :16/07/2010 :WO 2011/020665 :NA :NA :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : PAETZOLD, MARTIN ROESNER, JULIAN

(57) Abstract :

Described herein is an electric machine (10), particularly a generator or a starter generator for a motor vehicle, comprising a converter (64) arranged on a cooling element (53), the converter (64) comprising semiconductor switching elements (58, 59) actuated synchronously with a phase frequency for rectifying a generator alternating voltage or supplying a motor from a DC voltage source (61). In an embodiment, the cooling element (53) has a base plate (55) and cooling fins (54), wherein a ratio of a surface wetted by a coolant to the volume of the cooling element (53) ranges from 0.5 to 1.5 [1/mm], and particularly from 0.8 to 1.0 [1/mm].

No. of Pages : 18 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

 (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 	:G01M :2009-171879 :23/07/2009 :Japan :PCT/JP2010/061615 :08/07/2010 : NA :NA	 (71)Name of Applicant : 1)Hitachi Powdered Metals Co. Ltd. Address of Applicant :2-1 Minoridai 5-chome Matsudo-shi Chiba 270-2295 Japan (72)Name of Inventor : 1)Kohei MURAMATSU 2)Chio ISHIHARA 3)Masaki YANAKA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)Masaki YANAKA
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SOFT MAGNETIC POWDERED CORE AND METHOD FOR PRODUCING SAME

(57) Abstract :

A powder mixture which contains a soft magnetic powder and an insulating powder lubricant in an amount of 0.1% by mass or more relative to the soft magnetic powder is compaction molded at a molding pressure of 800 MPa or less thereby obtaining a powder compact that has a space factor of the soft magnetic powder of 93% or more. The powder compact can be used as a dust core. The dust core has a specific resistance of 10 000 $\mu\Omega$ cm or more. A powder of a metal soap such as barium stearate or lithium stearate is used as the insulating powder lubricant.

No. of Pages : 31 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (38) NA (39) Piblication Number (30) Piblication Number (31) Piblication Number (32) Piblication Number (33) Name of priority country (33) Name of priority country (34) Piblication Number (35) Piblication Number (36) Piblication Number (37) Piblication Number (38) Piblication Number (39) Piblication Number (30) Piblication Number (31) Piblication Number (31) Piblication Number (32) Piblication Number (32) Piblication Number (31) Piblication Number (31) Piblication Number (32) Piblication Number (32) Piblication Number (33) Piblication Number (34) Piblication Number (35) Piblication Number (35) Piblication Number (36) Piblication Number (37) Piblication Number (38) Piblication Number (39) Piblication Number (31) Piblication Number (31) Piblication Number (32) Piblication Number (32) Piblication Number (33) Piblication Number (34) Piblication Number (35) Piblication Number (35) Piblication Number (36) Piblication Number (36) Piblicatio	 (71)Name of Applicant : 1)G-CON, LLC Address of Applicant :6161 IMPERIAL LOOP, COLLEGE STATION, TEXAS 77845, U.S.A. (72)Name of Inventor : 1)HOLTZ, BARRY, R. 2)ARLEDGE, TROY 3)MAPLES, PHILLIP, B. 4)SHANAHAN, DAVID, M.
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(54) Title of the invention : MODULAR, SELF-CONTAINED, MOBILE CLEAN ROOM

(57) Abstract :

Biosafety units, methods of making, and sealing the same are disclosed herein. The units comprise at least one controlled air, sealable, sterilizable cleanroom; and a mechanical system room adjacent to the cleanroom comprising: at least two air handling units in a support room adjacent the cleanroom that provide redundant air to the cleanroom with at least Class 100,000 air purity, the air handling units connected to a one or more supply ducts to the cleanroom, and an exhaust duct in communication with the cleanroom and the air handling unit exhaust, wherein a pressure gradient is formed between the cleanroom and the exterior of the structure; and at least two power supplies that provide redundant power to electrical outlets in the cleanroom, wherein the at least two power supplies are connectable to one or more external power sources and the structure is pre-validatable or validated for pharmaceutical manufacturing.

No. of Pages : 34 No. of Claims : 80

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification:A61F 2/38(71)(31) Priority Document No:61/275,1741(32) Priority Date:26/08/20091(33) Name of priority country:U.S.A.BU(86) International Application No:PCT/US2010/046868(72)Filing Date:26/08/20101(87) International Publication No:WO 2011/0286242(61) Patent of Addition to Application:NA3Number:NA4Filing Date:NA4(62) Divisional to Application Number:NA4Filing Date:NA4	 (1)Name of Applicant : 1)CONFORMIS. INC. Address of Applicant :11 NORTH AVENUE, 3URLINGTON, MA 01803, U.S.A. (72)Name of Inventor : (72)NAME of I
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(54) Title of the invention : PATIENT-SPECIFIC ORTHOPEDIC IMPLANTS AND MODELS

(57) Abstract :

Methods and devices are disclosed to create a desired model of a joint or of portions or surfaces of a joint based on data derived from the existing joint. The data can be used to create an ideal surface or joint or portion of such surfaces and joints. The data also can be used to create a model that can be used to analyze the patient's joint and to devise and evaluate a course of corrective action. In one exemplary embodiment, a joint-facing surface of an implant component is designed to have a desired shape and a corresponding articular surface is engineered to have a surface that negatively-matches the joint-facing surface of the component.

No. of Pages : 187 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C08K 3/34	(71)Name of Applicant :
(31) Priority Document No	:12/605,548	1)EXXONMOBIL CHEMICAL PATENTS INC.
(32) Priority Date	:26/10/2009	Address of Applicant : A CORPORATION OF THE STATE
(33) Name of priority country	:U.S.A.	OF DELAWARE, 5200 BAYWAY DRIVE, BAYTOWN, TX
(86) International Application No	:PCT/US2010/052016	77520, U.S.A
Filing Date	:08/10/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/056351	1)WEIQING WENG
(61) Patent of Addition to Application	٠NA	2)BHARAT B. SHARMA
Number	·NA	3)MICHAEL B RODGERS
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELASTOMER NANOCOMPOSITES WITH INCORPORATED PROCESS OILS

(57) Abstract :

This disclosure is directed to nanocomposite compositions that are suitable for air bladders, innertubes, innerliners and other desirable air-retention articles. In particular, this disclosure is directed to compositions that include the nanocomposite, the nanocomposite made in such that its air-retention properties are much improved over what is known, while maintaining desirable elasticity and processability. In a particular aspect, an air-retention article such as an innerliner if formed by first contacting a desirable elastomer, especially a functionalized poly(isobutylene-co-p-methylstyrene) elastomer, with one or more layered fillers such as a clay described further below, and also contacting one or more processing aids, and one or more solvents to form an nanocomposite composition. The nanocomposite composition is then precipitated to form the solid nanocomposite composition which can be dried and further blended with other suitable ingredients such as, for example, curative agents, thus forming an innerliner suitable for a tire or other article.

No. of Pages : 30 No. of Claims : 18

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H04L 12/56	(71)Name of Applicant :
(31) Priority Document No	:2009-191029	1)MURATA MACHINERY, LTD
(32) Priority Date	:20/08/2009	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:PCT/JP2010/005041	JAPAN
Filing Date	:11/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/021371	1)TANIMOTO YOSHIFUMI
(61) Patent of Addition to Application	·NA	2)SOUMIYA KAZUO
Number	·NA	3)NISHIMURA KEISUKE
Filing Date	.1171	4)SUZUKI SUGURU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RELAY COMMUNICATION SYSTEM AND ACCESS MANAGEMENT APPARATUS

(57) Abstract :

A relay server 20 transmits, to an access management apparatus 30 that manages an access right to a relay server 10, an access request with respect to the relay server 10. The access management apparatus 30 confirms that the access right to the relay server 10 is set in the relay server 20, and then requests the relay server 10 to permit an access by the relay server 20. In a case where the relay server 10 permits the access from the relay server 20, the access management apparatus 30 notifies the relay server 20 of such access permission. Based on the notice from the access management apparatus 30, the relay server 20 establishes a routing session with the relay server 10. By using the routing session, the relay server 20 starts the communication with a general server that serves as a maintenance target.

No. of Pages : 90 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01L 19/00 :12/555,517 :08/09/2009 :U.S.A. :PCT/US2010/045887 :18/08/2010	 (71)Name of Applicant : 1)ROSEMOUNT INC. Address of Applicant :12001 TECHNOLOGY DRIVE, EDEN PRAIRIE, MN 55344-3695, U.S.A (72)Name of Inventor : 1)HAUSLER GEORGE CHARLES
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/031422 :NA :NA :NA :NA	2)HAYWOOD NICHOLAS JOHN

(54) Title of the invention : CLAD INDUSTRIAL PROCESS TRANSMITTER HOUSING WITH CHASSIS

(57) Abstract :

An industrial process transmitter apparatus (20;20';20) includes a housing chassis (50;50';50) of a first metallic material and a housing skin (52;52';52) of a second metallic material. The housing chassis includes a substantially cylindrical body portion (54), a first circumferentially extending support member (60) located at or near a first end (56) of the body portion of the housing chassis, and a second circumferentially extending support member (62) located at or near a second end (58) of the body portion of the housing chassis opposite the first end. The first circumferentially extending support member extends radially outward from the body portion, and the second circumferentially extending support member extends radially outward from the body portion. The housing skin is fitted over the housing chassis and is in physical contact with both the first and second circumferentially extending support members. The housing skin is spaced from the housing chassis in between the first and second circumferentially extending support members.

No. of Pages : 36 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G02C 7/04	(71)Name of Applicant :
(31) Priority Document No	:61/245,044	1)NOVARTIS AG
(32) Priority Date	:23/09/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056
(33) Name of priority country	:U.S.A.	BASEL, SWITZERLAND
(86) International Application No	:PCT/US2010/049639	(72)Name of Inventor :
Filing Date	:21/09/2010	1)TUCKER ROBERT CAREY
(87) International Publication No	:WO 2011/037911	2)CREECH LAURA ASHLEY
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : COLORED CONTACT LENS BASED ON AMORPHOUS IMAGES

(57) Abstract :

A method of manufacturing a colored contact lens including the steps of providing a transparent contact lens having a pupil section and an iris section, the iris section surrounding the pupil section and applying a colorant to the surface of the contact lens. The colorant is applied to the contact lens as an amorphous pattern and covers an effective amount of the iris section of the same. The amorphous pattern provides a lens capable of changing the apparent color of the iris of a person wearing the lens while imparting a very natural appearance.

No. of Pages : 31 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

 (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 	:B65D 90/04 :NA :NA :NA :PCT/CN2010/070228 :15/01/2010 :WO 2011/085558	 (71)Name of Applicant : 1)LLOPEZ PABLO Address of Applicant :2 SHUGUANG ROAD, LUOYANG TOWN, HUIZHOU, GUANGDONG 516100 CHINA 2)MINO OSWALDO (72)Name of Inventor : 1)LLOPEZ, PABLO
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/085558 :NA :NA :NA :NA	1)LLOPEZ, PABLO 2)MINO, OSWALDO

(54) Title of the invention : CONTAINER BAG FOR FILLING BULK GOODS

(57) Abstract :

A container bag for filing bulk products, comprising a front panel (102), a back panel (101), side walls, a ceiling panel and a floor panel (100), all of which defining the container bag, is provided. The container bag further comprises an additional sheet of laminated material (130) on the top surface of the floor panel. The additional sheet is stitched to the floor panel (100) around its perimeter and along longitudinal direction of the container bag so that stitching lines (110, 110') formed being spaced from each other and one air canal (150) being formed between the floor panel and every two adjacent stitching lines with at least one air canal being provided with an injecting tube (140). As air runs back along these side tunnels of the plastic tube (140), it also starts trickling to the adjacent air canals with no plastic tubes inserted. Meanwhile, the air also leaks into the interior of the container bag through the stitching points so as to create the fluidization effect.

No. of Pages : 13 No. of Claims : 10

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS		
 (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 	:C09K 5/04 :0915004.6 :28/08/2009 :U.K. :PCT/GB2010/000775 :16/04/2010 :WO 2011/023923 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAXICHEM AMANCO HOLDING S.A. DE C.V. Address of Applicant :RIO SAN JAVIER NO. 10, FRACCIONAMIENTO, VIVEROS DEL RIO, TLALNEPANTLA 54060 MEXICO. (72)Name of Inventor : 1)LOW ROBERT ELLIOTT

(57) Abstract :

The invention provides a heat transfer composition comprising (i) from about 45 to about 75 % by weight 2,3,3,3-tetrafluoropropene (R-1234yf); and (ii) from about 25 to about 55 % by weight 1,1,1,2-tetrafluoroethane (R-134a). A heat transfer composition comprising, optionally consisting essentially of, (i) from about 20 to about 90 % by weight R-1234yf; (ii) from about 10 to about 60 % by weight R-134a; and (iii) from about 1 to about 20 % by weight R-32 is also provided.

No. of Pages : 37 No. of Claims : 56

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FREE-WHEELING CIRCUIT		
 (54) The of the invention : FREE-wHEEI (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 	:H02H 9/04 :10 2009 043 415.1 :29/09/2009 :Germany :PCT/EP2010/061621 :10/08/2010 :WO 2011/038969 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY (72)Name of Inventor : 1)OPPERMANN; CHRISTIAN 2)STREICH; BERNHARD
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a free-wheeling circuit for the rapid reduction of a shutdown overvoltage of an inductive load (1) when the latter is shut down. The free-wheeling circuit comprises a switching threshold component (11) by which the free-wheeling circuit becomes active more rapidly compared to a free-wheeling circuit without said switching threshold component (11), thereby ensuring a more rapid reduction of the shutdown overvoltage. If a control voltage provided by a control voltage source (2) falls below a threshold voltage set by the switching threshold component (11), a capacitive energy accumulator is immediately discharged and not only when the control voltage is reduced to near zero, and said energy accumulator then activates the free-wheeling circuit for reducing the shutdown overvoltage, when in the nearly discharged state.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A PROTECTIVE METAL NETTING WITH INTERWOVEN WIRES, AND A MACHINE AND A METHOD FOR ITS MANUFACTURE

 (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 	:B21F 27/00 :BO2009A000576 :10/09/2009 :Italy :PCT/IB010/054100 :10/09/2010 :WO 2011/030316 :NA :NA :NA	 (71)Name of Applicant : 1)OFFICINE MACCAFERRI S.P.A. Address of Applicant :VIA KENNEDY, 10, 40069 ZOLA PREDOSA (BOLOGNA) ITALY (72)Name of Inventor : 1)FERRAIOLO, FRANCESCO
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(57) Abstract :

A protective metal netting comprises a plurality of longitudinal metal wires or cables (10) side by side, each interwoven with at least one adjacent longitudinal wire or cable (10) in an interweave portion (24), in which at least one of the metal wires or cables (20) has an almost rectilinear development, or in any case with loops that are less pronounced than the lower-strength neighbouring cables. A machine for manufacturing interwoven metal nettings comprises a cylindrical drum (50), on the outer surface of which a plurality of pins (52) protruding radially and arranged in axial rows at equal angular intervals is fixed, with an equal pitch in all the rows. Some pins (54) present on the cylindrical drum (50) are fitted out-of-alignment with respect to the abovementioned pitch.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G06K 7/00	(71)Name of Applicant :
(31) Priority Document No	:12/546,758	1)SENSORMATIC ELECTRONICS, LLC
(32) Priority Date	:25/08/2009	Address of Applicant :6600 CONGRESS AVENUE, BOCA
(33) Name of priority country	:U.S.A.	RATON, FLORIDA 33487, U.S.A.
(86) International Application No	:PCT/US2010/002274	(72)Name of Inventor :
Filing Date	:19/08/2010	1)HO WING KEI
(87) International Publication No	:WO 2011/028237	2)ALEXIS MARK
(61) Patent of Addition to Application	·NΔ	
Number	·NA	
Filing Date	.11171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RFID PORTAL SYSTEM WITH RFID TAGS HAVING VARIOUS READ RANGES

(57) Abstract :

A system and method selectively reads radio frequency identification (RFID) tags within an RFID interrogation zone. A portion of the RFID tags have a first operating range and a portion of the RFID tags have a second operating range that is different from the first operating range. Each RFID tag is programmed with an identifier associated with the operating range of the RFID tag. A first interrogation signal is transmitted which has sufficient power to activate RFID tags that are located within the RFID interrogation zone and have the first operating range. A response signal is received from each RFID tag capable of receiving the first interrogation signal. Each response signal indicates the identifier of the associated RFID tag. Each RFID tag that has an identifier associated with the first operating range is selected.

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

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:C21B3/08	(71)Name of Applicant :
(31) Priority Document No	:1114762.6	1)SIEMENS PLC
(32) Priority Date	:26/08/2011	Address of Applicant : Faraday House Sir William Siemens
(33) Name of priority country	:U.K.	Square Frimley Camberley GU16 8QD U.K.
(86) International Application No	:PCT/EP2012/066102	(72)Name of Inventor :
Filing Date	:17/08/2012	1)McDONALD Ian
(87) International Publication No	:WO 2013/030016	
(61) Patent of Addition to Application	·NA	
Number	•NIA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DRY SLAG GRANULATION DEVICE & METHOD

(57) Abstract :

A directional dry slag granulation device comprises a rotary atomising granulator having a centreline axis of rotation (29); a slag stream feed (3b); and a position controller (33). A slag stream fall point (19) on the rotary granulator (30) for slag (11) from the slag stream feed is offset from the centreline axis of rotation of the rotary granulator.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYETHYLENE PREPARED WITH SUPPORTED LATE TRANSITION METAL CATALYST SYSTEMS

 (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 Eling Date 	:C08F 10/02 :09174498.7 :29/10/2009 :EPO :PCT/EP2010/066320 :28/10/2010 :WO 2011/051371 :NA :NA :NA	 (71)Name of Applicant : 1)TOTAL PETROCHEMICALS RESEARCH FELUY Address of Applicant :ZONE INDUSTRIELLE C, B-7181 SENEFFE (FELUY)(BE). Belgium (72)Name of Inventor : 1)SIROL., SABINE 2)LHOST, OLIVIER
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of ethylene polymerisation with a supported late transition metal catalyst system.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HOLDING DEVICE FOR CONTACT LENS FOR VITREOUS SURGERY, HOLDING DEVICE SET, AND CONTACT LENS FOR VIREOUS SURGERY, AND LENS SET

 (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 	:A61F 9/00 :2009-189055 :18/08/2009 :Japan :PCT/JP2010/063815 :16/08/2010 :WO 2011/021601 :NA :NA :NA	 (71)Name of Applicant : 1)HOYA CORPORATION Address of Applicant :7-5 NAKAOCHIAI 2-CHOME, SHINJUKU-KU, TOKYO 1618525 JAPAN (72)Name of Inventor : 1)FUTAMURA
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(57) Abstract :

A lens holding ring 50 is held by a string-like body 40a stretched along a surface of an eyeball 1 by being supported by a plurality of cannulas 21, 22 inserted to a sclera 2, and is fixed to the surface of the eyeball 1 by a tensile stress of the string-like body 40a, and in this state, holds a surgery lens 30 on the eyeball. The lens holding ring 50 comprises a lens holder 51 including an opening 52 into which a lens is inserted, and engagement parts 57 provided at positions opposed to each other across the opening 52. Each engagement part has an engagement structure of engaging with the string-like body 40a for fixing the lens holder to the surface of the eyeball so as to interpose the lens holder therein, and has a folded part 58 on the tip of the engagement part for preventing coming-off of the string-like body.

No. of Pages : 88 No. of Claims : 34

(22) Date of filing of Application :22/02/2012

(21) Application No.1604/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : SALT TOLERANT ORGANISMS

(51) International classification	:C12N 15/09	(71)Name of Applicant :
(31) Priority Document No	:61/242,574	1)SAPPHIRE ENERGY, INC.
(32) Priority Date	:15/09/2009	Address of Applicant :ATTN: LEGAL DEPARTMENT, 3115
(33) Name of priority country	:U.S.A.	MERRYFIELD ROW, SAN DIEGO, CALIFORNIA 92121 USA
(86) International Application No	:PCT/US2010/048991	(72)Name of Inventor :
Filing Date	:15/09/2010	1)HOPKINS SHANE
(87) International Publication No	:WO 2011/034968	2)SHIN TANYA
(61) Patent of Addition to Application	٠NA	3)LOW MELISA
Number	·NA	4)CHO ALVIN
Filing Date	.117	5)POON YAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are transformed non-vascular photosynthetic organisms that are salt tolerant, nucleotides and vectors useful in conducting such transformations, and transformed strains produced by such transformations.

No. of Pages : 215 No. of Claims : 148

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

12N 15/52	(71)Name of Applicant :
/242,489	1)SAPPHIRE ENERGY, INC.
5/09/2009	Address of Applicant :LEGAL DEPARTMENT, 3115
.S.A.	MERRYFIELD ROW, SAN DIEGO, CALIFORNIA 92121,
CT/US2010/048666	U.S.A.
8/09/2010	(72)Name of Inventor :
O 2011/034823	1)BEHNKE CRAIG
٨	2)MOLINA DAVID
A	3)LIEBERMAN SOYAN
A	4)BACHER JAMIE
A	5)WU SHQIQIN
A	
	2N 15/52 /242,489 /09/2009 S.A. CT/US2010/048666 /09/2010 O 2011/034823 A A A

(54) Title of the invention : NOVEL ACETYL COA CARBOXYLASES

(57) Abstract :

Provided herein are novel ACCases and nucleotides encoding the same, that when introduced into a cell or organism results in an increase and/or accumulation of fatty acids, glycerol lipids, and/or oils in the cell or organism, and/or a change in the types of fatty acids, glycerol lipids, and/or oils that are normally present in the cell or organism. Also provided herein are organisms transformed with the novel ACCases.

No. of Pages : 164 No. of Claims : 215

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR INSERTION OF CAPSULES INTO FILTER TOWS (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) SWITZERLAND (CH). Switzerland (71) Name of Applicant : (71) Name of Applicant :

Filing Date **1)ILIEV, PLAMEN** :30/08/2010 :WO 2011/024068 (87) International Publication No 2)NIKOLOV, BOGDAN (61) Patent of Addition to Application 3)KARAATANASOV, ATANAS :NA Number **4)ILIEV, VALENTIN** :NA Filing Date **5)YANCHEV, DIMITAR** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus for insertion of capsules into cigarette filter tows (120) is disclosed. The apparatus may include a tow processing unit (102), a capsule insertion unit (200) and a filter rod making unit (122). The capsule insertion unit (200) may include a hopper (202), a belt (204), an inlet pipe (206), a capsule feeder wheel (210) and a capsule insertion wheel (220).

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

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYESTERS COMPRISING FLUOROVINYLETHER FUNCTIONALIZED AROMATIC MOIETIES

	0000 (2)((
(51) International classification	:C08G 63/66	(71)Name of Applicant :
(31) Priority Document No	:61/239,101	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:02/09/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A.
(86) International Application No	:PCT/US2010/047492	(72)Name of Inventor :
Filing Date	:01/09/2010	1)DRYDALE, NEVILLE, EVERTON
(87) International Publication No	:WO 2011/028778	2)MAHAJAN, SURBHI
(61) Patent of Addition to Application	·NI A	3)MOLOY, KENNETH G.
Number		4)NEDERBERG, FREDRIK
Filing Date	:NA	5)POLLINO, JOEL M.
(62) Divisional to Application Number	:NA	6)RITTER, JOACHIM, C.
Filing Date	:NA	

(57) Abstract :

Disclosed are polyesters, particularly poly(trimethylene terephthalate), comprising fluorovinylether functionalized aromatic repeat units, and methods to make the polyester polymers. The polymers are useful for imparting soil resistance to polyesters, particularly in the form of fibers, fabrics, and carpets.

No. of Pages : 42 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR IMPARTING TOPICAL HOLOGRAPHIC EFFECT TO A POLYMERIC FILM SUBSTRATE

 (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 	:G03H 1/00 :61/246,179 :28/09/2009 :U.S.A. :PCT/US2010/049802 :22/09/2010 :WO 2011/037988 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U.S.A. (72)Name of Inventor : 1)SUN, HAIYAN 2)ZHANG, JING
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(57) Abstract :

A method for imparting topical holographic effect to a polymeric film substrate (20) comprising a first surface and a second surface. The method comprises the steps of embossing the first surface (25) of the polymeric film substrate (20) to impart a holographic effect to the polymeric film substrate and printing the embossed first surface of the polymeric film substrate with ink and/or varnish on selected area (24) which is intended not to have holographic effect and leaving the unprinted embossed area to provide a holographic effect.

No. of Pages : 17 No. of Claims : 11

(21) Application No.1561/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B23F 5/22 :BO2009A 000478 :23/07/2009 :Italy :PCT/IB2010/001763	 (71)Name of Applicant : 1)SAMP S.P.A. CON UNICO SOCIO Address of Applicant :VIA SALICETO, 15, I- BENTIVOGLIO ITALY. (72)Name of Inventor :
Filing Date (87) International Publication No (61) Potent of Addition to Application	:21/07/2010 :WO 2011/010209	1)AFFATICATI ARTEMIO 2)PERRONE VITO
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : A WORKING MACHINE FOR MAKING GEARS

(57) Abstract :

A machine (1) for making gears. The machine (1) comprises a piece -holder, unit (3, 3) and an operating unit (20) equipped with an operating head (30) provided with at least one tool (33; 33A, 33B) for machining a piece. Moreover, one piece-holder unit (3; 3) and the operating unit (20) are provided with relative motion with respect to each another in a direction (X1, X2). The machine (1) is characterized in that the operating unit (20) is suitable to move, in a direction (Y1) substantially perpendicular to the direction (X1, X2), and in that the tool (33; 33A, 33B) is mounted on a slide (25) provided with a tangential motion defined by a direction (Y).

No. of Pages : 19 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G06F 13/42	(71)Name of Applicant :
(31) Priority Document No	:09305790.9	1)ST-ERICSSON SA
(32) Priority Date	:26/08/2009	Address of Applicant :39 CHEMIN DU CHAMP-DES-
(33) Name of priority country	:EPO	FILLES, CH-1228 PLAN-LES-OUATES (CH) Switzerland
(86) International Application No	:PCT/EP2010/062377	(72)Name of Inventor :
Filing Date	:25/08/2010	1)BALLOT, NATHALIE
(87) International Publication No	:WO 2011/023718	2)FLORENCHIE, NICOLAS
(61) Patent of Addition to Application	·NΔ	
Number	·NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MANAGEMENT OF A CONFIGURATION OF A USB DEVICE

(57) Abstract :

The present invention generally relates to the management of a configuration of a first device. The first device includes a control unit and an interface unit managing a communication interface. The communication interface comprises at least one resistive line having a resistance value. The resistance value allows the interface unit to identify a configuration for at least one second device adapted to be linked to the first device via the communication interface. The interface unit: /a/ detects a change of the resistance value on the resistive line corresponding to a configuration of said second device; /b/ processes said change of the resistance value to adapt the configuration of the first device according to the configuration of said second device.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONIC ARTICLE SURVEILLANCE SYSTEM WITH METAL DETECTION CAPABILITY AND INTERFERENCE DETECTOR RESULTING IN ADJUSTMENT

 (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 	:G08B 13/24 :12/534,438 :03/08/2009 :U.S.A. :PCT/US2010/001970 :14/07/2010 :WO 2011/016827 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SENSORMATIC ELECTRONICS, LLC Address of Applicant :6600 CONGRESS AVENUE, BOCA RATON, FLORIDA 33487, U.S.A. (72)Name of Inventor : 1)DINH ERIK LEE
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(57) Abstract :

A method and system are provided for adjusting a threshold value of an alarm for a metal detecting system, based on a detected interference with other systems that operate at adjacent frequencies. The method and system include receiving a plurality of sample values and calculating a discrepancy value based on a difference between a maximum value and a minimum value of the plurality of sample values, wherein the discrepancy value corresponds to detected interference. The discrepancy value is compared to a predefined interference threshold value and an activation signal is generated. A fast threshold adjuster receives the activation signal when the discrepancy value is less than the predefined interference threshold value. The activation signal triggers an output from the fast threshold adjuster or the slow threshold adjuster that is applied to adjust the threshold value.

No. of Pages : 32 No. of Claims : 20

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : OFF-AXIS INTERFEROMETER			
 (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 	:G03H 1/08 :EP 09172561.4 :08/10/2009 :EPO :PCT/EP2010/064843 :05/10/2010 :WO 2011/042442 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITE LIBRE DE BRUXELLES Address of Applicant :AVENUE FRANKLIN ROOSVELT 50 CP 161, B-1050 BRUXELLES, BELGIUM. (72)Name of Inventor : 1)DUBOIS, FRANK 2)YOURASSOWSKY, CATHERINE	

(57) Abstract :

The present invention is related to an Interferometer (15) for off-axis digital holographic microscopy comprising: a recording plane (10); a grating (G) located in a plane optically conjugated with said recording plane (10), said grating (G) defining a first and a second optical path, said optical path corresponding to different diffraction order.

No. of Pages : 44 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR IRON-MAKING WITH FULL OXYGEN AND HYDROGEN-RICH GAS AND EQUIPMENT THEREOF

(51) International classification(31) Priority Document No	:C21B 5/00 :200910223598.X	(71)Name of Applicant : 1)CENTRAL IRON & STEEL RESEARCH INSITUTE
(32) Priority Date	:24/11/2009	Address of Applicant :76 XUEYUNNNAN ROAD,
(33) Name of priority country	:China	HAIDIAN DISTRICT, BEIJING 100081 (CN) China
(86) International Application No	:PCT/CN2010/076462	2)SHANDONG TIEXIONG METALLURGICAL
Filing Date	:30/08/2010	TECHNOLOGY CO., LTD
(87) International Publication No	:WO 2011/063672	3)SHANDONG COKING GROUP CO., LTD.
(61) Patent of Addition to Application	·NA	(72)Name of Inventor :
Number	·NA	1)QI, YUANHONG
Filing Date	.117	2)WANG. QINGTAO
(62) Divisional to Application Number	:NA	3)YAN, DINGLIU
Filing Date	:NA	4)GUO, PEIMIN

(57) Abstract :

The present invention provides a method of ironmaking using full-oxygen hydrogen-rich gas which comprises hot transferring and hot charging the high-temperature coke, sinter and pellet into the ironmaking furnace (3) through transferring and charging device, and injecting oxygen and hydrogen-rich combustible gas at a predetermined temperature into the ironmaking furnace (3) through the oxygen tuyere and the gas tuyere disposed at the ironmaking furnace (3), respectively. It also provides an apparatus for ironmaking using full-oxygen hydrogen-rich gas which comprises a raw material system, a furnace roof gas system, a coke oven gas injecting system, a dust injecting system, a slag dry-granulation and residual heat recovering system and an oxygen system (11). Additionally, it further provides an apparatus and method for hot transferring and hot charging of ironmaking raw material.

No. of Pages : 37 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HOLLOW BODY FOR CAPTURING PARTICLES IN AN EXHAUST GAS TRACT (51) International classification :F02M 25/07 (71)Name of Applicant : (31) Priority Document No **1)EMITEC GESELLSCHAFT FUR** :10 2009 041 093.7 (32) Priority Date EMISSIONSTECHNOLOGIE MBH :14/09/2009 (33) Name of priority country :Germany Address of Applicant :HAUPTSTRASSE 128, 53797 (86) International Application No :PCT/EP2010/062074 LOHMAR (DE) Germany (72)Name of Inventor: Filing Date :19/08/2010 (87) International Publication No :WO 2011/029705 1)WIERES, LUDWIG (61) Patent of Addition to Application 2)SITTIG, JOACHIM :NA Number 3)KOTTHOFF, HUBERTUS :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

The invention relates to a hollow body (1) for capturing particles having at least one at least partially permeable wall (6) extending between two at least partially opposite openings (7) and along a first longitudinal axis (3), wherein the hollow body (1) has a primary cross-sectional shape (4) defining a first cross-sectional area (5), and at least one of the openings (7) defines a second cross-sectional area (8), wherein the second cross-sectional area (8) is also greater than the first cross-sectional area (5).

No. of Pages : 23 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

	110 MIL 50 /00	
(51) International classification	:H04W 52/28	(71)Name of Applicant :
(31) Priority Document No	:12/547,773	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:26/08/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/053805	(72)Name of Inventor :
Filing Date	:24/08/2010	1)MOBERG, PETER
(87) International Publication No	:WO 2011/024119	2)FRENGER, PAL
(61) Patent of Addition to Application	·NI A	3)RIMHAGEN, THOMAS
Number		4)SUSITAIVAL., RIIKKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REPEATER GAIN CONTROL METHOD AND APPARATUS

(57) Abstract :

This document proposes soft activation and inactivation of (network) repeaters that are, for example, actuated on an as-needed basis. With soft activation, repeater gain ramps upward at controlled rate, thereby avoiding rapid changes in interference caused by the repeater. Likewise, with soft inactivation, repeater gain ramps downward at a controlled rate. Soft activation inactivation results in more gradual changes in the interference contribution of the repeater, thereby improving the performance of interference-compensating radio receivers operating in proximity to the repeater.

No. of Pages : 34 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F06C	(71)Name of Applicant :
(31) Priority Document No	:61/229,347	1)GRACO MINNESOTA INC.
(32) Priority Date	:29/07/2009	Address of Applicant :88 11th Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	Minnesota 55413 United States of America
(86) International Application No	:PCT/US2010/043449	(72)Name of Inventor :
Filing Date	:27/07/2010	1)Michael A. CRYER
(87) International Publication No	: NA	2)Michael J. SEBION
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VARIABLE FLOW CONTROL USING LINEAR PUMPS

(57) Abstract :

Variable (10) and fixed ratio 100 dispensing systems are disclosed. Each pump (12) is powered by a DC motor (14) spinning a gear pump (16) which is immersed in a hydraulic power pack (18). The power pack 18 output feeds a hydraulic linear motor (20) where its direction is controlled by a two output reversing valve (22). The hydraulic linear motor (20) drives one or two material pumps (24) which are mechanically attached to the hydraulic pump (12). The pressure and/or flow outputs of the material pumps (24) are controlled by altering the torque output of the DC motor (14) using a custom designed motor control module (MCM) (26).

No. of Pages : 18 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:0913313.3	1)Simon STAFFORD
(32) Priority Date	:31/07/2009	Address of Applicant :22 Tassel Road Bury St Edmunds
(33) Name of priority country	:U.K.	Suffolk IP32 7LN United Kingdom
(86) International Application No	:PCT/GB2010/051259	(72)Name of Inventor :
Filing Date	:30/07/2010	1)Simon STAFFORD
(87) International Publication No	: NA	
(61) Patent of Addition to Application	·NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MEANS FOR IMPROVED LIQUID HANDLING IN A MICROPLATE

(57) Abstract :

The present invention relates to a means for improving fluid exchange across a microplate comprising a microplate which comprises one or more internal modifications which aid the introduction and removal of fluids from the wells of the plate and minimize the damage caused to biological matter located therein upon introduction or removal of a pipette tip and/or fluids and/or a means for inclining the microplate at an angle from the horizontal and retaining the microplate in the inclined position to facilitate fluid introduction and aspiration from the wells of the microplate.

No. of Pages : 107 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(51) International classification :G06F17/00 (71)Name of Applicant : 1)GILBARCO INC. (31) Priority Document No :13/180905 (32) Priority Date Address of Applicant :7300 W. Friendly Avenue Greensboro :12/07/2011 North Carolina 27410 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/046132 (72)Name of Inventor : Filing Date :11/07/2012 1)OLDHAM Christopher Adam (87) International Publication No :WO 2013/009792 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FUEL DISPENSER HAVING FM TRANSMISSION CAPABILITY FOR FUELING INFORMATION

(57) Abstract :

A fuel dispenser is configured to transmit fueling information to a receiver associated with a vehicle at a first fueling position adjacent the fuel dispenser. The fuel dispenser comprises a control system configured to generate first fueling information associated with a first transaction at the fuel dispenser. The fuel dispenser also comprises first transmitter electronics in electronic communication with the control system. The first transmitter electronics are configured to produce first RDS information based on the first fueling information. Also the first transmitter electronics comprise modulator circuitry to modulate a radio frequency (RF) carrier signal carrying the first RDS information. The RF carrier signal has a predetermined frequency. The fuel dispenser further comprises an antenna in electrical communication with the first transmitter electronics to radiate the modulated RF carrier signal over the first fueling position for receipt at the vehicle receiver.

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

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : FEMORAL HEAD PROSTHESIS

(51) International classification	:A61F2/36,A61F2/30	(71)Name of Applicant :
(31) Priority Document No	:1112287.6	1)MCMINN Derek James Wallace
(32) Priority Date	:15/07/2011	Address of Applicant :Calcot Farm Calcot Hill Clent
(33) Name of priority country	:U.K.	Stourbridge West Midlands DY9 9RX U.K.
(86) International Application No	:PCT/GB2012/051675	(72)Name of Inventor :
Filing Date	:13/07/2012	1)MCMINN Derek James Wallace
(87) International Publication No	:WO 2013/011290	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A femoral head prosthesis (110) comprises an articulating surface (112) which is more than hemi spherical; an internal recess (114) having a longitudinal axis defining a pole P of the articulating surface (112) the longitudinal axis passing through the centre of curvature of the articulating surface (112); a first edge (116) which constitutes a posterior edge in use and a second edge (118) which constitutes an anterior edge and/or an antero inferior edge in use. The first edge (116) is further from the pole P than the second edge (118). Also provided is a femoral prosthesis comprising a femoral head and a femoral implant comprising a femoral stem and a femoral head. The prostheses and implants of the invention find use in total hip replacements.

No. of Pages : 20 No. of Claims : 28
(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :H01M 10/54 (71)Name of Applicant : (31) Priority Document No 1)MILLBROOK LEAD RECYCLING TECHNOLOGIES :NA (32) Priority Date :NA LIMITED (33) Name of priority country Address of Applicant :31, WESTLAND SQUARE, DUBLIN :NA (86) International Application No :PCT/IT2009/000344 2, IRELAND (72)Name of Inventor : Filing Date :30/07/2009 (87) International Publication No :WO 2011/0013149 **1)MARTINI FEDERICA** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : RECLAIMING OF LEAD IN FORM OF HIGH PURITY LEAD COMPOUND FROM RECOVERED ELECTRODE PASTE SLIME OF DISMISSED LEAD BATTERIES AND/OR OF LEAD MINERALS

(57) Abstract :

An all-wet process for reclaiming the lead content of impure electrode paste or slime from discarded lead batteries and/or lead minerals, in form of high purity lead compound, comprises a) suspending the impure lead containing material in a lead sulphate dissolving aqueous solution of a salt belonging to the group composed of the acetates of sodium, potassium and ammonium; b) adding to the suspension sulphuric acid in an amount sufficient to convert all lead oxides to lead sulphate soluble in the acetate salt solution and slowly adding to the suspension either hydrogen peroxide or a sulphite or bubbling sulphurous anhydride through it, in a measure adapted to reduce any lead dioxide to lead oxide converted eventually to soluble lead sulphate by the sulphuric acid; c) separating a limpid acetate salt solution containing dissolved lead sulphate from a solid phase residue including all undissolved compounds and impurities; d) adding to the separated solution of lead sulphate either carbonate or hydroxide of the same cation of the acetate salt of the lead sulphate dissolving solution for precipitating highly pure lead carbonate/oxycarbonate or lead oxide or hydroxide. respectively, while forming sulphate of the cation, soluble in the acetate salt solution; and e) separating the precipitated high purity lead compound from the acetate salt solution now containing also sulphate of the same cation of the acetate salt. The acetate salt solution containing also sulphate of the same cation of the acetate salt separated from the precipitated compound of lead is re-cycled to step a) and the content of sulphate of the same cation in the solution is maintained below saturation limit by continuously or periodically cooling at least a portion of the solution separated from the precipitated lead compound to cause selective crystallization of sulphate salt of the same cation of the acetate salt and removing it as a by-product. Optionally, the separated solid phase comprising insoluble compounds of lead and/or undissolved concretions of lead compounds is treated in hot concentrated hydroxide of the same cation of the selected acetate salt and converting these compounds of lead and/or undissolved concretions of lead compounds to soluble plumbites, and the separated lead containing alkaline liquor may be added to the limpid acetate solution for precipitating all reclaimable lead in form of high purity lead oxide or hydroxide.

No. of Pages : 23 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H01F 17/04	(71)Name of Applicant :
(31) Priority Document No	:200910160965.6	1)TAMURA CORPORATION
(32) Priority Date	:31/07/2009	Address of Applicant :1-19-43, HIGASHI-OIZUMI, NERIMI-
(33) Name of priority country	:China	KU, TOKYO 178-8511, JAPAN
(86) International Application No	:PCT/CN2010/001082	2) TAMURA CORPORATION OF CHINA LTD
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/011966	1)SHAO GELIANG
(61) Patent of Addition to Application	٠NA	2)SUZUKI ATSUSHI
Number	.NA ·NA	3)ZHOU JIE
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : INDUCTOR

(57) Abstract :

The object of the present invention is to provide an inductor capable of realizing a voltage conversion circuit which is compact in size and is able to provide a suitable output. To achieve the above described object, the inductor according to the invention has a core and a plurality of windings, and the core comprises a plurality of arms for windings around which the plurality of windings are respectively wound; at least one common arm which forms magnetic loops with the plurality of arms for windings, respectively; and a pair of base parts. The plurality of arms for windings and the common arm are located between the pair of base parts.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : VARIABLE VALVE DEVICE FOR AN INTERNAL COMBUSTION ENGINE (51) International classification :F01L 1/04 (71)Name of Applicant : (31) Priority Document No 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA :2009-267506 (32) Priority Date :25/11/2009 Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-(33) Name of priority country KU. TOKYO 108-8410, JAPAN. :Japan (86) International Application No :PCT/JP2010/070799 (72)Name of Inventor : Filing Date :22/11/2010 **1)DAISUKE YOSHIKA** (87) International Publication No :WO 2011/065326 2)SHINICHI MURATA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A variable valve device has a configuration in which a first cam (20) and a second cam (22a) that is a counterpart of the first cam are disposed in the outside of a shaft member (17) so that the second cam (22a) is displaceable in the circumferential direction, and is formed so that a cam face (22c) of the second cam has a cam width dimension a that is larger than a cam width b of a cam face of the first cam.

No. of Pages : 29 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :25/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND PATH COMPUTATION ELEMENT FOR IMPROVING SERVICE RESTORATION SPEED IN TRANSMISSION NETWORK

(51) International classification:H04L(71)(31) Priority Document No:200910168864.31(32) Priority Date:25/08/20091(33) Name of priority country:ChinaInd(86) International Application No:PCT/CN2010/072256(72)Filing Date:27/04/20101(87) International Publication No: NA(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Data:NA	 71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech ndustrial Park Nanshan Shenzhen Guangdong 518057 China 72)Name of Inventor : 1)XIANG Xiaoshan;
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(57) Abstract :

The disclosure provides a method for improving a service restoration speed in a transmission network, comprising: in a service set-up process, the PCE receives a route computation request including restoration attributes and constraint conditions from a Path Computation Client (PCC), and computes and saves the restoration routes available for the service according to the constraint conditions; and, when receiving the restoration route computation request for the service from the PCC, the PCE selects a route from the restoration routes locally saved and available for the service according to the selection conditions included in the restoration route computation request the service by the received route. The disclosure further provides a PCE. Fig. 5

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CTIEX SYSTEM AND METHOD FOR CHANNEL ASSOCIATED DATA TRANSMISSION BETWEEN AGENT AND AUTOMATIC SERVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (27) (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application Number Filing Date (53) Patent (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (59) Patent (51) Patent (51) Patent (52) Patent (52) Patent (53) Patent (54) Patent (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (58)	B23B 200910091378.6 21/08/2009 China PCT/CN2010/072012 21/04/2010 NA NA NA NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)CHEN Xianbin; 2)WANG Wenyuan;
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(57) Abstract :

The disclosure provides a CTIEX, system and method for implementing channel associated data transmission between an agent and an automatic service, wherein the CTIEX comprises a message module and a processing module; the message module receives a channel associated data request message transmitted by a cross-platform automatic service and transmits the channel associated data organized by the processing module to the cross-platform automatic service; the processing module is configured to analyze a call serial number in the channel associated data request message received by the message module to search out agent-associated information and organize channel associated data. The disclosure is capable of implementing channel associated data transmission between an agent and a cross-platform automatic service.

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

(22) Date of filing of Application :28/02/2012

(21) Application No.1766/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRIC TWO-WHEELED MOTOR VEHICLE

(51) International classification	:B62J 99/00	(71)Name of Applicant :
(31) Priority Document No	:2009-213538	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:15/09/2009	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 107-8556, JAPAN
(86) International Application No	:PCT/JP2010/065323	(72)Name of Inventor :
Filing Date	:07/09/2010	1)MASANORI NAKAMURA
(87) International Publication No	:WO 2011/033967	2)RYO SATO
(61) Patent of Addition to Application	٠NIA	3)TAKASUMI YAMANAKA
Number	NA	4)HIDEAKI NAKAGAWA
Filing Date	.NA	5)TATSUYA MINAGAWA
(62) Divisional to Application Number	:NA	6)TETSURO HOSODA
Filing Date	:NA	

(57) Abstract :

In an electric two-wheeled motor vehicle including: an electric motor for generating power to drive a rear wheel; a battery for supplying electric power to the electric motor; a rider seat on which a rider seats; a housing box disposed below the rider seat; and a side cover covering the housing box below the rider seat, the electric two-wheeled motor vehicle configured to allow charging of the battery, an opening (118) covered with an openable and closeable lid member (120) is provided in the side cover (48), and a power-receiving-side connector (67) to which a power-supplying-side connector leading to an external power source can be inserted and connected is fixed and disposed between an outer surface of the side cover (48) and the housing box to face the opening (118). Accordingly, it is possible to eliminate the requirement for a rider seat to be opened in charging of a battery and thereby facilitate the charging work.

No. of Pages : 68 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A61F 2/26 :PA 2009 70101 :27/08/2009 :Denmark :PCT/DK2010/050220 :26/08/2010 :WO 2011/023197	 (71)Name of Applicant : 1)COLOPLAST A/S Address of Applicant :HOLTEDAM 1, DK-3050 HUMLEBAEK, DENMARK (72)Name of Inventor : 1)RANDY L MORNINGSTAR
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2011/023197 :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filling Date	.NA	

(54) Title of the invention : PENILE PROSTHESIS CAP, ASSEMBLY, AND IMPLANTATION TOOL

(57) Abstract :

A cap configured to be attached to a cylinder of an implantable penile prosthesis includes a body section and a tip section. The body section defines a recess that is attachable to an end of the cylinder of the implantable penile prosthesis and the tip section terminates in a tip having a curved exterior surface. The tip section defines at least one slot formed therein that extends away from the body section and has a slot axis that intersects with a longitudinal axis of the cap.

No. of Pages : 35 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR PACKAGING CONTAINERS OF LIQUID PRODUCTS INTO BUNDLES

 (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 	:B65D 65/40 :MI2009A001512 :28/08/2009 :Italy :PCT/IB2010/002062 :23/08/2010 :WO 2011/024050 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AL.MA.C. PACKAGING S.R.L. Address of Applicant :VIA ADAMELLO 1/5, I-20061 CARUGATE (MILANO), ITALY (72)Name of Inventor : 1)ALESSANDRO AGELO GHEZZI
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(57) Abstract :

The invention describes an apparatus for packaging groups (2) of containers (3), of liquid products into bundles The apparatus comprises at least one pair of wrapping stations (101-102, 103-104, 105-106) of groups of containers. Each station comprises (700) means for wrapping an extensible film (4) around a group of containers and manipulating means (400) for feed -ing and discharging the groups of containers to/from the wrapping station, at least one feeding line (200) of the containers, and at least one discharge line (200) of the bundles. Advantageously, the feeding and discharge lines are shared between the different wrapping stations. It also describes a process for packaging containers in bundles.

No. of Pages : 64 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PYROMETER		
 (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 	:H01L 21/00 :61/235,855 :21/08/2009 :U.S.A. :PCT/US2010/046167 :20/08/2010 :WO 2011/022648	 (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 CEDAR PARK BOULEVARD, PERRYSBURG, OH 43551, UNITED STATES OF AMERICA (72)Name of Inventor : 1)MARKUS E BECK 2)MING LUN YU
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A position sensitive pyrometer includes a sensor.

No. of Pages : 25 No. of Claims : 66

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SLAG DISPERSAL DEVICE AND METHOD

(57) Abstract :

A slag stream dispersal device comprises a rotary slag granulator. The granulator comprises a rotary distributor (2) and a plurality of flexible extensions (12) distributed about the rotary distributor configured to extend radially therefrom.

No. of Pages : 13 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H04L 9/32	(71)Name of Applicant :
(31) Priority Document No	:12/535,720	1)DAON HOLDINGS LIMITED
(32) Priority Date	:05/08/2009	Address of Applicant :C/O THE HARBOUR TRUST CO.
(33) Name of priority country	:U.S.A.	LTD, P.O. BOX 1787, ONE CAPITAL PLACE, GEORGE
(86) International Application No	:PCT/US2010/039148	TOWN, GRAND CAYMAN, Cayman Island
Filing Date	:18/06/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/016911	1)WHITE, CONOR, ROBERT
(61) Patent of Addition to Application	٠NA	2)PIERCE, MICHAEL
Number	·NA	3)CRAMER, JASON SCOTT
Filing Date	.11/A	4)STEINER, CHET, BRADFORD
(62) Divisional to Application Number	:NA	5)DIEBES, SUZANNA
Filing Date	:NA	

(54) Title of the invention : METHODS AND SYSTEMS FOR AUTHENTICATING USERS

(57) Abstract :

A method of authenticating users to reduce transaction risks includes indicating a desire to conduct a transaction and determining whether the transaction requires access to protected resources. Moreover, the method determines whether inputted information is known, determines a state of a communications device when the inputted information is known, and transmits a biometric authentication request from a server to an authentication system when the state of the communications device is enrolled. Additionally, the method includes validating the communications device, capturing biometric authentication data in accordance with a biometric authentication data capture request with the communications device, biometrically authenticating the user, generating a one-time pass-phrase and storing the one-time pass-phrase on the authentication system when the user is authenticated, comparing the transmitted one-time pass-phrase against the stored one-time pass-phrase, and granting access to the protected resources when the transmitted and stored onetime pass-phrases match.

No. of Pages : 61 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN APPARATUS AND METHOD FOR CONTROLLING THE NEGATIVE PRESSURE IN A WOUND

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (21/09/2010 (87) International Publication No (92) 2011/0375 (93) NA (94) NA (94) NA (94) NA (94) NA (94) NA (95) NA (94) NA (95) NA (95) NA (95) NA (95) NA (96) Divisional to Application Number (96) NA (97) NA (98) NA <l< th=""><th> (71)Name of Applicant : 1)MOLNLYCKE HEALTH CARE AB Address of Applicant :P.O. BOX 13080, S-402 52 GOTEBORG, SWEDEN (72)Name of Inventor : 1)JOHANNISON, ULF </th></l<>	 (71)Name of Applicant : 1)MOLNLYCKE HEALTH CARE AB Address of Applicant :P.O. BOX 13080, S-402 52 GOTEBORG, SWEDEN (72)Name of Inventor : 1)JOHANNISON, ULF
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(57) Abstract :

An apparatus for treating wound with negative pressure. The apparatus including a wound cover (1), a first pump (9) for providing said negative pressure at a chosen pressure level to the wound, a canister (6), a first conduit (8) between the wound cover and the canister, which first conduit (8) connects the wound with the canister (6) during use of the apparatus, first means for measuring the pressure within the canister, and a second conduit (10) which connects the canister with the first pump. A circulating pump (12) is arranged to intermittently transport a gas volume from the canister (6) to the wound region via a third conduit (13) and back to the canister via the first conduit (8) in order to press out possible exudates from the first conduit to the canister. A second means is arranged to analyse the pressure curve over time of said pressure in the canister and a third means is arranged to indicate by a visible and/or audible alarm when said pressure curve differs from a normal cyclical form. The invention further relates to a method for controlling the negative in a wound with use of said apparatus.

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

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

 (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 	:G07C 5/00 :0950733-6 :06/10/2009 :Sweden :PCT/SE2010/051017 :22/09/2010 :WO 2011/043715	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S-151 87 SODERTALJE, SWEDEN (72)Name of Inventor : 1)CHRISTER THOREN 2)PATRIK NILSSON 3)MATHIAS BIORKMAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	5)MATHIAS BJOKKMAN

(54) Title of the invention : TRANSFER OF TACHOGRAPH RELATED INFORMATION

(57) Abstract :

An improved method and system for establishing a connection between a vehicle and a data base is disclosed. The connection is to be used for transfer of tachograph related information. According to the present invention, the connection is established by utilizing a vehicle identity information for determining a user account in a tachograph service entity to be used for transfer of connection establishment information, wherein the user account is accessible by a remote user entity. Then, at least the connection establishment information is made available on the user account. Further, after the connection has been established, the transfer of the tachograph related information is transferred to a data base via the tachograph service entity.

No. of Pages : 21 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) The of the Invention . SOBSTITUTE	D AANTIINE DERIVA	
(51) International classification	:A01N 43/90	(71)Name of Applicant :
(31) Priority Document No	:61/239,342	1)CONCERT PHARMACEUTICALS, INC.
(32) Priority Date	:02/09/2009	Address of Applicant :99 HAYDEN AVENUE, SUITE 500,
(33) Name of priority country	:U.S.A.	LEXINGTON, MASSACHUSETTS 02421, UNITED STATES
(86) International Application No	:PCT/US2010/047708	OF AMERICA.
Filing Date	:02/09/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/028922	1)TUNG, ROGER D.
(61) Patent of Addition to Application	·NI A	2)LIU, JULIE F.
Number	·NA	3)HARBESON, SCOTT L.
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SUBSTITUTED XANTHINE DERIVATIVES

(57) Abstract :

This invention relates to novel compounds that are substituted xanthine derivatives and pharmaceutically acceptable salts thereof. For example, this invention relates to novel substituted xanthine derivatives that are derivatives of pentoxifylline. This invention also provides compositions comprising one or more compounds of this invention and a carrier and the use of the disclosed compounds and compositions in methods of treating diseases and conditions for which pentoxifylline and related compounds are beneficial.

No. of Pages : 134 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(34) The of the invention. SUBSTITUTED AANTITINE DERIVATIVES		
(51) International classification	:A01N 43/90	(71)Name of Applicant :
(31) Priority Document No	:61/239,336	1)CONCERT PHARMACEUTICALS, INC.
(32) Priority Date	:02/09/2009	Address of Applicant :99 HAYDEN AVENUE, SUITE 500,
(33) Name of priority country	:U.S.A.	LEXINGTON, MASSACHUSETTS 02421, UNITED STATES
(86) International Application No	:PCT/US2010/047574	OF AMERICA
Filing Date	:01/09/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/028835	1)TUNG, ROGER D.
(61) Patent of Addition to Application	•NI A	2)LIU, JULIE F.
Number	.INA .NA	3)HARBESON, SCOTT L.
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SUBSTITUTED XANTHINE DERIVATIVES

(57) Abstract :

This invention relates to novel compounds that are substituted xanthine derivatives and pharmaceutically acceptable salts thereof. For example, this invention relates to novel substituted xanthine derivatives that are derivatives of pentoxifylline. This invention also provides compositions comprising one or more compounds of this invention and a carrier and the use of the disclosed compounds and compositions in methods of treating diseases and conditions for which pentoxifylline and related compounds are beneficial.

No. of Pages : 132 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No	:C09C 1/36 :61/239,547	(71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:03/09/2009	Address of Applicant :1007, MARKET STREET,
(86) International Application No	:PCT/US2010/047626	(72)Name of Inventor :
Filing Date (87) International Publication No.	:02/09/2010 :WO 2011/028868	1)MERKLE, JAMES, ELLIOTT, JR. 2)BEETS, DAVMOND, DOV, JD
(67) International Fublication No(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2) DEE 13, KA I MOND, KO I, JK .
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS FOR CONTROLLING THE FLOW OF TITANIUM BEARING MATERIAL INTO THE FLUIDIZED BED REACTOR IN THE MANUFACTURE OF TITANIUM TETRACHLORIDE

(57) Abstract :

This disclosure relates to a process for controlling chlorination reactions in manufacturing titanium tetrachloride in a fluidized bed reactor, optionally followed by processing to form a titanium product comprising an amount of silica, the process comprising: (a) feeding carbonaceous material, titanium bearing material comprising an amount of silica, and chlorine to the fluidized bed reactor to form a gaseous stream, and condensing the gaseous stream to form titanium tetrachloride, a non-condensed gas stream and a condensable product stream, wherein at least one of the titanium tetrachloride and the non-condensed gas stream comprise silicon tetrachloride; (b) analyzing the non-condensed gas stream, the titanium tetrachloride or both, to determine the analyzed concentration of silicon tetrachloride; (c) identifying a set point concentration of silicon tetrachloride based on the desired amount of silica in the titanium product; (d) calculating the difference between the analyzed concentration of silicon tetrachloride and the set point concentration of silicon tetrachloride; and (e) generating a signal which corresponds to the difference calculated in step (d) which provides a feedback response that controls the flow of the titanium bearing material into the fluidized bed reactor.

No. of Pages : 14 No. of Claims : 15

(21) Application No.1727/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR PROVIDING INFORMATION ON WEB SITE UPDATES (51) International classification :G06Q 10/00 (71)Name of Applicant : (31) Priority Document No :PCT/SE2006/000387 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) (32) Priority Date :30/03/2006 Address of Applicant :SE-164 83 STOCKHOLM (SE) (33) Name of priority country :PCT Sweden (86) International Application No :PCT/SE2006/000387 (72)Name of Inventor : Filing Date :30/03/2006 1)SKOG, ROBERT (87) International Publication No :WO 2011/114741 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :6105/DELNP/2008 Filed on :11/07/2008

(57) Abstract :

A method and arrangement for obtaining updated information over the Internet. A communication terminal (300) having an RSS reader (300c) for receiving web feeds, receives a web feed according to a current RSS reader configuration, or when a terminal user manually downloads it directly from a web site by means of a web browser in the terminal. A web feed distributor (302a) has modified the web feed to contain one or more proposed RSS links for new web feeds. The terminal (300) then receives user input selecting an RSS link for a new web feed, and adds the selected RSS link automatically to the RSS reader configuration. An RSS request for the new web feed can then be sent to a web site of the selected RSS link.

No. of Pages : 26 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification (71)Name of Applicant : :C22B 34/12 (31) Priority Document No **1)E. I. DU PONT DE NEMOURS AND COMPANY** :61/239,551 (32) Priority Date Address of Applicant :1007 MARKET STREET, :03/09/2009 (33) Name of priority country WILMINGTON, DELAWARE 19898, U.S.A. :U.S.A. (86) International Application No :PCT/US2010/047627 (72)Name of Inventor : Filing Date :02/09/2010 1)MERKLE, JAMES, ELLIOTT, JR. (87) International Publication No :WO 2011/028869 2)BEETS, RAYMOND, ROY, JR. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TITANIUM BEARING MATERIAL FLOW CONTROL IN THE MANUFACTURE OF TITANIUM TETRACHLORIDE USING A COMBINATION OF FEEDBACK AND FEED FORWARD RESPONSES

(57) Abstract :

This disclosure relates to process for controlling chlorination reactions in manufacturing titanium tetrachloride in a fluidized bed reactor, optionally followed by processing to form a titanium product comprising a minor amount of silica, the process comprising: (a) feeding carbonaceous material, titanium bearing material comprising an amount of silica, and chlorine to the fluidized bed reactor to form a gaseous stream, and condensing the gaseous stream to form titanium tetra¬chloride, a non- condensed gas stream and a condensable product stream, wherein at least one of the titanium tetrachloride and the non-condensed gas stream comprise silicon tetrachloride; (b) analyzing the non-condensed gas stream, the titanium tetrachloride or both, to determine the analyzed concentration of silicon tetrachloride; (c) identifying a set point concentration of silicon tetrachloride based on the desired amount of silica in the titanium product; (d) calculating the difference between the analyzed concentration of silicon tetra-chloride and the set point concentration of silicon tetrachloride; (e) measuring the titanium tetrachloride flow to a processing reactor that releases chlorine; (f) measuring the flow of fresh chlorine added to the fluidized bed; (g) measuring the flow of the titanium bearing material added to the fluidized bed reactor and establishing a historic average flow of the titanium bearing material added to the fluidized bed reactor; (h) calculating the chlorine released from the titanium tetrachloride that is processed using the titanium tetrachloride flow data from step (e); (i) calculating the total chlorine flow to the fluidized bed reactor by adding the chlorine flow in step (f) to the chlorine flow calculated in step (h) and establishing a historic average chlorine flow; (j) calculating a unit titanium bearing material consumption per unit chlorine; (k) calculating an estimated current consumption rate of titanium bearing material based on the total chlorine flow from step (i) times the unit titanium bearing material consumption per unit chlorine from step (j); and (I) generating a signal based on difference generated in step (d) that provides a feedback response and combining this to the estimated current consumption rate of titanium bearing material from step (k) to provide a feed forward response to control the flow of the titanium bearing material into the fluidized bed reactor.

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

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:B21C47/24	(71)Name of Applicant :
(31) Priority Document No	:13/185902	1)SIEMENS INDUSTRY INC.
(32) Priority Date	:19/07/2011	Address of Applicant :3333 Old Milton Parkway Alpharetta
(33) Name of priority country	:U.S.A.	Georgia 30005 4437 U.S.A.
(86) International Application No	:PCT/US2012/043232	(72)Name of Inventor :
Filing Date	:20/06/2012	1)HOLLOWAY Ward
(87) International Publication No	:WO 2013/012512	
(61) Patent of Addition to Application	•NI A	
Number	.INA .NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COIL SHIFT TRANSFER SYSTEM

(57) Abstract :

A system is disclosed for transferring a cylindrical coil (C) suspended on a first stem (12) projecting horizontally from a first base (14) to a remotely positioned and axially aligned second stem (16) projecting horizontally from a second base (18). The system comprises a track (20) extending between the first and second stems a carriage (22) movable along the track and a conveyor (24) on the carriage with a receiving end (24a) and a delivery end (24b). The carriage (22) is movable along the track (20) to a first location at which the receiving end (24a) of the conveyor (24) underlies the coil (C) suspended from the first stem (12). The conveyor (24) is vertically adjustable from a lowered position spaced beneath the coil (C) to an elevated position at which the coil (C) is lifted from the first stem (12) and supported on the receiving end (24a) of said conveyor (24) with the conveyor then being operable to shift the coil (C) to a position supported on the conveyor delivery end (24b). The carriage (22) is then shiftable to a second location at which the coil (C) is axially inserted on the horizontally positioned second stem (16) with an end of the coil (C) in contact with the second base (18). The conveyor (24) is then lowered to deposit the coil (C) on the second stem (16) thereby allowing the carriage (22) to again move along the track (20) to begin another coil transferring cycle.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OBTAINING CHEWING GUM, IN WHICH TALC IS REPLACED WITH AGGLOMERATES OF CRYSTALS

(57) Abstract :

The invention relates to a chewing gum production method comprising a step in which the ingredients are mixed together, a mixtureextrusion step, a dusting step using a dusting powder, a sheeting step and a shaping/cutting step. The invention is characterised in that the dusting powder comprises a powder composition of agglomerates of crystals, said powder composition including at least one polyol. The invention also relates to the resulting chewing gum.

No. of Pages : 41 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR OPTICAL ALIGNMENTS FOR THREE DIMENSIONAL (3D) PROJECTION

 (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 	:H04N 13/00 :61/244,003 :18/09/2009 :U.S.A. :PCT/US2010/049345 :17/09/2010 :WO 2011/035165 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THOMSON LICENSING Address of Applicant :1-5 RUE JEANNE D'ARC, ISSY LES MOULINEAUX F-92130 (FR) France (72)Name of Inventor : 1)REDMANN, WILLIAM, GIBBENS
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(57) Abstract :

Orientation, convergence, and brightness balance corrections for a stereoscopic projection system are achieved by employing a novel test pattern in a low-cost alignment method to allow accurate, rapid alignment of the illuminator, film, and stereoscopic lens. The method and test pattern are also applicable for aligning a dual projector system, in which two projectors are used for projecting right-and left-eye images, respectively.

No. of Pages : 49 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND EVOLVED NODEB FOR SEMI-PERSISTENT SCHEDULING REACTIVATION (51) International classification :H04W 72/04 (71)Name of Applicant : (31) Priority Document No **1)ZTE CORPORATION** :200910168987.7 (32) Priority Date Address of Applicant : ZTE PLAZA, KEJI ROAD SOUTH, :04/09/2009 (33) Name of priority country HI-TECH INDUSTRIAL PARK. NANSHAN DISTRICT. :China (86) International Application No :PCT/CN2010/071326 SHENZHEN CITY, GUANGDONG, PROVINCE 518057, P.R. Filing Date :25/03/2010 CHINA (87) International Publication No (72)Name of Inventor : :WO2011/026322 (61) Patent of Addition to Application 1)ZHANG, RUIXIA :NA Number 2)WANG, BO :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a method and an eNB for reactivating semi-persistent scheduling. The method comprises: an eNB (2) where the semi-persistent scheduling is activated storing size information of a pre-allocated transport block after pre-allocating resources to a UE (1); and after receiving a complete semi-persistent scheduling data packet uploaded by the UE (1), the eNB (2) comparing the size of the data packet with the size of the pre-allocated transport block stored in the eNB (2) and reactivating the semi-persistent scheduling according to the comparison result. The eNB (2) comprises a storage module, a resource allocation module, a data packet receiving module and a comparing module. The present invention solves the problem that the eNB can not reactivate the uplink SPS when both SPS services and dynamic scheduling services exist and are divided into UEs in the same LCG and uplink SPS data changes in a period of time, causing allocation of air interface resources to be more reasonable.

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

 (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 	:H05K 9/00 :10 2009 054 517.4 :10/12/2009 :Germany :PCT/EP2010/068171 :25/11/2010 :WO 2011/069828 :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : 1)WEEBER, VOLKER 2)BARTH, HEINRICH 3)SCHERTLEN, RALPH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/069828 :NA :NA :NA :NA	2)BARTH, HEINRICH 3)SCHERTLEN, RALPH

(54) Title of the invention : ELECTRONIC CONTROL DEVICE

(57) Abstract :

Described herein is an electronic control unit (10) comprising a housing (100, 200), wherein at least one electronic component (150, 160, 162, 164, 192, 194) is arranged on a circuit board (110, 112). The electronic control unit (10) has a unit for shielding of electrical and/or magnetic fields having an electrically conductive shielding (170, 176, 178, 270, 278, 300, 310, 320). The shielding is arranged so that at least the electrically conductive shielding and the circuit board form a Faraday cage for at least an associated electronic component (160, 162, 164, 192, 194). Further, the electrically conductive shielding (176, 178, 278) is connected to a ground potential. In an embodiment, at least the electronic component (164, 192, 292) with its rear side, which particularly has a rear side metallization (168, 268), stands in conductive contact with at least the electrically conductive shielding (176, 178, 278).

No. of Pages : 19 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OPERATING AN AUTOMATED PARKING BRAKE IN A MOTOR VEHICLE (51) International classification :B60T 7/12 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :10 2009 046 495.6 (32) Priority Date Address of Applicant : POSTFACH 30 02 20, 70442 :06/11/2009 (33) Name of priority country STUTTGART. GERMANY :Germany (86) International Application No :PCT/EP2010/065329 (72)Name of Inventor : Filing Date :13/10/2010 1)SARDARI IRAVANI, AMIR ALI (87) International Publication No :WO 2011/054640 (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

Described herein is a method for operating an automated parking brake (18) in a motor vehicle (10), wherein the motor vehicle comprises a driving train including a gear transmission (14) and a clutch (29), the method comprising determining a current clutch point (40) during a driving operation of the motor vehicle (10), and when the parking brake (18) is activated, detecting the presence of a start-up request. In case, the presence of a start-up request is detected, the activated parking brake (18) is automatically released, wherein the detection of the presence of a start-up request takes place as a function of the determined clutch point (40).

No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEWATERING BIOMASS MATERIAL COMPRISING POLYSACCHARIDE METHOD FOR EXTRACTING POLYSACCHARIDE FROM BIOMASS MATERIAL AND DEWATERED BIOMASS MATERIAL

(51) International classification	:C09F	(71)Name of Applicant :
(31) Priority Document No	:12/510,478	1)CP Kelco ApS
(32) Priority Date	:28/07/2009	Address of Applicant : Ved Banen 16 DK-4623 Lille
(33) Name of priority country	:U.S.A.	Skensved Denmark
(86) International Application No	:PCT/EP2010/059766	(72)Name of Inventor :
Filing Date	:07/07/2010	1)OLSEN Helle Bech
(87) International Publication No	: NA	2)ANDERSEN Mogens
(61) Patent of Addition to Application	:NA	3)TRUDSOE Jens Eskil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for dewatering biomass material comprising polysaccharide and water. The process comprises wetting the biomass material with a wetting composition comprising an alcohol to form a biomass slurry comprising wetted biomass material and a liquid component mechanically separating a portion of the liquid component from the biomass slurry and mechanically separating at least a portion of the water from the wetted biomass material. A process for extracting polysaccharide from the biomass material and a dewatered biomass material are also disclosed.

No. of Pages : 67 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C13H :2009903545 :30/07/2009 :Australia :PCT/AU2010/000926 :23/07/2010 : NA :NA :NA	 (71)Name of Applicant : 1)Geoffrey Allan DAVIS Address of Applicant :16 Lewana Street Mansfield QLD 4122 Australia (72)Name of Inventor : 1)Geoffrey Allan DAVIS
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PEDAL ASSEMBLY FOR STEERING SYSTEMS

(57) Abstract :

A pedal assembly comprises a pair of pedals connected to a shaft which is rotated by links connected to said pedals such that the links operate in tension when the pedals are depressed. The pedals have spring loaded plungers which return them to a neutral position when there is no pressure on the pedals.

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

(22) Date of filing of Application :24/02/2012

(21) Application No.1705/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : HYDRAULIC POWER MODULE		
(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:61/229,298	1)GRACO MINNESOTA INC.
(32) Priority Date	:29/07/2009	Address of Applicant :88 11th Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	Minnesota 55413 United States of America
(86) International Application No	:PCT/US2010/043338	(72)Name of Inventor :
Filing Date	:27/07/2010	1)Michael J. SEBION
(87) International Publication No	: NA	2)Michael A. CRYER
(61) Patent of Addition to Application	·NA	3)Todd A. DOMER
Number	·NA	4)Nicholas D. LONG
Filing Date		5)Kevin A. MOORE
(62) Divisional to Application Number	:NA	6)Mark J. BRUDEVOLD
Filing Date	:NA	7)William C. SCHERER

(57) Abstract :

The hydraulic power module 10 consists of 1) a hydraulic manifold 12 to route hydraulic fluid to the correct areas 2) a hydraulic reservoir 14 that contains hydraulic fluid 16 3) a hydraulic pump 18 4) a DC servo motor 20 5) a directional valve 22 6) a cooling system 24 7) an integrated filter housing 26 and 8) electronics - motor control 28 for controlling the DC servo motor 20.

No. of Pages : 14 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B01 8/06	(71)Name of Applicant :
(31) Priority Document No	:12/550,909	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:31/08/2009	Address of Applicant :101 COLUMBIA ROAD,
(33) Name of priority country	:U.S.A.	MORRISTOWN, NEW JERSEY 07962, UNITED STATRES OF
(86) International Application No	:PCT/US2010/045416	AMERICA
Filing Date	:13/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/025674	1)HALUK KOPKALLI
(61) Patent of Addition to Application	·NI A	2)YUON CHIU
Number	.INA .NA	3)ORLANDO GEORGE RODRIGUES
Filing Date	.INA	4)GUS CERRI
(62) Divisional to Application Number	:NA	5)HSUEH SUNG TUNG
Filing Date	:NA	6)STEPHEN A. COTTRELL

(54) Title of the invention : HYDROGENATION PROCESS FOR FLUOROCARBONS

(57) Abstract :

Disclosed is a process and apparatus for the catalytic hydrogenation of fluoroolefins to fluorocarbons where the reaction is carried out in a multi-tube shell and tube reactor. Reactions involving hydrogenation of fluoro-olefins are typically exothermic. In commercial processes where a fluoro-olefin C(n)H(2n-x)F(x) to C(n)H(2n-x+2)F(X) is hydrogenated (e.g. hexafluoropropylene to 236ea, 1225ye to 245eb, and the like), inadequate management or control of heat removal may induce excess hydrogenation, decomposition and hot spots resulting in reduced yields and potential safety-issues. In the hydrogenation of fluoro-olefins, it is therefore necessary-to control the reaction temperature as precisely as practical to overcome challenges associated with heat management and safety.

No. of Pages : 18 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : VARIABLE V	ALVE DEVICE FOR A	N INTERNAL COMBUSTION ENGINE
 (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 	:F01L 1/34 :2010-013108 :25/01/2010 :Japan :PCT/JP2010/072886 :20/12/2010 :WO 2011/089809 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant :33-8, SHIBA 5-CHOME MINATO- KU, TOKYO 108-8410, JAPAN (72)Name of Inventor : 1)AYATOSHI MATSUNAGA 2)DAISUKE YOSHIKA 3)KATSUHIRO TANAKA 4)SHINICHI MURATA

(57) Abstract :

A variable valve device of the invention has a structure in which, as connecting means for connecting a movable cam 22 located in an outer periphery of an outer camshaft 17a and an inner camshaft 17b located inside the outer camshaft 17a, there are provided a pinlike member 24 that is movably inserted so as to penetrate the movable cam 22, the outer camshaft 17a and the inner camshaft 17b along a diametrical direction of a shaft member 17 that is. formed by turnably encasing the inner camshaft 17b in the outer camshaft 17a, and an escape-preventing portion 50 disposed in the end portion of the pin-like member 24. The movable cam 22 and the inner camshaft 17b are thus connected together while preventing large press-fit load and axial force from acting on components.

No. of Pages : 57 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C12N 1/02	(71)Name of Applicant :
(31) Priority Document No	:61/237,286	1)XCELLEREX, INC.
(32) Priority Date	:26/08/2009	Address of Applicant :170 LOCKE DRIVE,
(33) Name of priority country	:U.S.A.	MARLBOROUGH, MA 01752, U.S.A.
(86) International Application No	:PCT/US2010/086841	(72)Name of Inventor :
Filing Date	:26/08/2010	1)COLIN TOUHEY
(87) International Publication No	:WO 2011/025890	2)THOMAS ERDENBERGER
(61) Patent of Addition to Application	·NA	3)RICHARD DAMREN
Number		4)MICHAEL FISHER
Filing Date	INA	5)JOHN SWIBES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTINUOUS RECOVERY HARVEST BAG

(57) Abstract :

Disclosed herein-is a single use continuous recovery, flow-through harvest vessel and corresponding method for harvesting culture medium and simultaneously either leaving the microcarrier beads behind in the vessel or flowing microcarrier beads and medium back into a bioreactor. The invention relates to a nonporous vessel capable of holding a fluid, the nonporous vesel comprising: an outer wall surface and an inner wall surface, the inner wall surface defining an interior chamber for holding the fluid; a filter having a perimeter, a first surface and a second surface, and fixedly attached around its entire perimeter to a portion of the inner wall surface of the nonporous vessel, thereby forming an integrated interior bag within the nonporous vessel; and a fitment attached to the outer wall of the nonporous vessel at a portion of the outer wall that is adjacent to the first surface of the integrated interior bag, the fitment forming a port configured to allow fluid to flow from the interior chamber through the integrated interior bag, through the filter, and out of the port. The disclosed nonporous vessel may have a tubing attached to the second port of a second fitment for harvesting the fluid held in the interior chamber of the nonporous vessel.

No. of Pages : 24 No. of Claims : 15

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FIBER AND FIBER STRUCTURE				
 (54) Title of the invention : FIBER AND F (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 Elling Date 	:D01F 6/92 :2009-214325 :16/09/2009 :Japan :PCT/JP2010/065994 :09/09/2010 :WO 2011/034113 :NA :NA :NA	 (71)Name of Applicant : TELJIN LIMITED Address of Applicant :6-7, MINAMIHOMMACHI 1- CHOME, CHUO-KU, OSAKA-SHI, OSAKA, 541-0054, JAPAN (72)Name of Inventor : HIDESHI KURIHARA KIYOTSUNA TOYOHARA SHINICHIRO SHOJI TOMOYOSHI YAMAMOTO AKIMICHI ODA 		

(57) Abstract :

Provided is a fiber containing a composition obtained by mixing a compound having at least a ring structure containing one carbodiimide group, the first nitrogen and second nitrogen thereof being linked together through a linking group, with a polymer compound having an acidic group. Also provided is a fiber structure made thereof. A fiber and a fiber structure, which have improved hydrolysis resistance and from which no free isocyanate compounds are produced, can be provided.

No. of Pages : 270 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : VARIABLE VALVE ACTUATION DEVICE FOR INTERNAL COMBUSTION ENGINE				
 (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 	:F01L 1/34 :2009-277607 :07/12/2009 :Japan :PCT/JP2010/071666 :03/12/2010 :WO 2011/070976 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant :33-8, SHIBA 5-CHOME, MINATO- KU, TOKYO 108-8410, JAPAN (72)Name of Inventor : 1)DAISUKE YOSHIKA 2)AYATOSHI MATSUNAGA 		

(57) Abstract :

In a variable valve actuation device for an internal combustion engine, a hollow boss (22b) is fitted around the outer periphery of an outer camshaft (15a) and protrudes from one side of a second cam (22a) located opposite a first cam (20) in the width direction of the second cam over a distance greater than the width of the second cam, in order to suppress misalignment of the boss.

No. of Pages : 41 No. of Claims : 8

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ZINC CLUSTER				
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 53/18 :2009-210208 :11/09/2009 :Japan :PCT/JP2010/059204 :31/05/2010 :WO 2011/030591 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TAKASAGO INTERNATIONAL CORPORATION Address of Applicant :37-1, KAMATA 5-CHOME, OHTA- KU, TOKYO 1448721, JAPAN (72)Name of Inventor : 1)YOSHIMASA MATSUSHIMA 2)HIDEKI NARA 3)TAKAHIRO FUJIWARA 		

(57) Abstract :

Disclosed is a novel zinc cluster compound represented by general formula (1): Zn4O (OCOR)6(RCOOH)n, wherein R represents an alkyl group which has 1 to 4 carbon atoms and may be substituted with a halogen atom, and n represents 0.1 to 1, and also disclosed are a method for producing the compound and a reaction using the compound.

No. of Pages : 25 No. of Claims : 4

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ION EXCHANGE MEMBRANES			
 (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 	:B01D /61/00 :61/237,076 :26/08/2009 :U.S.A. :PCT/US2010/046777 :26/08/2010 :WO 2011/025867 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS PTE. LTD. Address of Applicant :SIEMENS CENTER, 60 MACPHERSON ROAD, 348615 SINGAPORE, SINGAPORE (72)Name of Inventor : 1)JUCHUI RAY LIN 2)GEORGE Y. GU 	

(57) Abstract :

Highly energy efficient electrodialysis membranes having low operating costs and a novel process for their manufacture are described herein. The membranes are useful in the desalination of water and purification of waste water. They are effective in desalination of seawater due to their low electrical resistance and high permselectivity. These membranes are made by a novel process which results in membranes significantly thinner than prior art commercial electrodialysis membranes. The membranes are produced by polymerizing one or more monofunctional ionogenic monomers with at least one multifunctional monomer in the pores of a porous substrate.

No. of Pages : 56 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR DETERMINING THE MACHINABILITY OF A COMPACTED GRAPHITE IRON

 (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 	:C22C 37/04 :0901163-6 :08/09/2009 :Sweden :PCT/SE2010/050950 :07/09/2010 :WO 2011/031211 :NA :NA	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S-151 87 SODERTALJE, SWEDEN (72)Name of Inventor : 1)KERSTIN RICHNAU 2)FREDRIK WILBERFORS 3)JOHAN ESBJORNER
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for determining the cuttability of a compact graphite iron, characterised by the steps of: - arriving at a relationship between cuttability and contents of carbide-stabilising substances in compact graphite iron, which relationship is arrived at empirically from measured cuttability and measured contents of carbide-stabilising substances in a plurality of test pieces of compact graphite iron; - providing a compact graphite iron; - determining the contents of carbide-stabilising substances in the compact graphite iron provided; - determining a value for the cuttability of the compact graphite iron provided on the basis of the relationship and contents of carbide-stabilising substances in the compact graphite iron provided.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD OF ATTACHING GRIP TABS TO THE CARRIER LAYER OF A FILM DRESSING (51) International classification :A61F 13/02 (71)Name of Applicant : (31) Priority Document No 1)MOLNLYCKE HEALTH CARE AB :0950711-2 (32) Priority Date :30/09/2009 Address of Applicant : P.O. BOX 13080, S-402 52 (33) Name of priority country GOTEBORG. SWEDEN :Sweden (86) International Application No :PCT/SE2010/050897 (72)Name of Inventor : Filing Date :19/08/2010 1)JOHANNISON, ULF (87) International Publication No :WO 2011/040860 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a method of attaching a grip tab (1, 2) to along at least one of two opposite edges of a releasable carrier layer (6) of a film dressing web (3), said web includes a film layer (4) on a first side coated with adhesive (5) and a carrier layer (6) releasably attached to the film layer (4) on a second side thereof being opposite to the first side, the film layer (4) and the carrier layer (6) having the same dimensions, including the steps of, -choosing a material for the carrier layer (6) that is incompatible with the film layer (4) from a heat welding point of view, -feeding said film dressing web (3) in a machine direction, -applying a strip of a material (1,2) compatible with the carrier layer (6) from a heat welding point of view along at least a part of an edge portion of at least one of the opposite sides of said web (3) extending parallel to the machine direction, and -affixing said at least one strip (1, 2) to the carrier layer (6) and simultaneously cutting away an outermost part of the web (3) with the at least one strip (1,2) applied thereto by passing the web with the at least one strip applied thereto through an ultrasonic welding device (8-10).

No. of Pages : 19 No. of Claims : 10
(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

 (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 	:B62D 12/00 :0950697-3 :24/09/2009 :Sweden :PCT/SE2010/050997 :17/09/2010 :WO 2011/037521 :NA :NA	 (71)Name of Applicant : 1)BAE SYSTEMS HAGGLUNDS AKTIEBOLAG Address of Applicant :S-891 82 ORNSKOLDSVIK, SWEDEN (72)Name of Inventor : 1)NORDBERG, BJORN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : A PROTECTIVE DEVICE FOR AN ARTICULATED VEHICLE

(57) Abstract :

The invention relates to protective device for an articulated vehicle (1) comprising at least a first and second vehicle portion (4, 6); a control gear (8) connected to the respective vehicle portion (4, 6); and an actuating member (16) for, via the control gear (8), changing the relative position of the vehicle portions (4, 6) in relation to one another. The protective device (2) comprises at least one stiffening means (22), which fixes the position of each respective vehicle portion (4, 6) in relation to one another whenever the acceleration and/or speed of at least one of the vehicle portions (4, 6) exceeds a predetermined limit value. The invention also relates to a method for controlling a stiffening means of such a protective device (2) for an articulated vehicle (1).

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

(19) INDIA

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(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

OPED GENGOD AUGUODIEV FOR AND MERIOD OF MEAGUIDING OPED OF ROTATION

OR AUTHORITY FOR	AND METHOD OF MEASURING SPEED OF ROTATION
:G01P 3/48	(71)Name of Applicant :
:0915038.4	1)CUMMINS TURBO TECHNOLOGIES LIMITED
:28/08/2009	Address of Applicant :ST. ANDREWS ROAD,
:U.K.	HUDDERSFIELD HD1 6RA (GB) U.K.
:PCT/GB2010/001552	(72)Name of Inventor :
:18/08/2010	1)COX, CALVIN
:WO 2011/023931	
:NA	
:NA	
:NA	
:NA	
	:G01P 3/48 :0915038.4 :28/08/2009 :U.K. :PCT/GB2010/001552 :18/08/2010 :WO 2011/023931 :NA :NA :NA :NA

(57) Abstract :

Sensor arrangement for measuring a speed of rotation of a salient member of a rotatable body comprising a first electrode arrangement providing a first input, a second electrode arrangement providing a second input different from the first input, the first and second electrode arrangements being configured such that noise in the first and second inputs is substantially the same, and wherein variations in the first and second inputs are caused by rotation of the rotatable body and the salient member past the first and second electrode arrangements, an output arrangement for receiving the first and second inputs, and for providing an output proportional to a difference between the first input and the second inputs, and a retaining member for retaining one or more of the first and second electrode arrangements and output arrangement, the speed of rotation of the salient member being measurable from a variation in the output caused by rotation of that salient member.

No. of Pages : 38 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F16N 7/38	(71)Name of Applicant :
(31) Priority Document No	:2009904102	1)BOB IFIELD HOLDINGS PTY LTD
(32) Priority Date	:28/08/2009	Address of Applicant :14 BANGOR ROAD, MIDDLE
(33) Name of priority country	:Australia	DURAL, NEW SOUTH WALES 2158, AUSTRALIA
(86) International Application No	:PCT/AU2010/001104	(72)Name of Inventor :
Filing Date	:27/08/2010	1)IFIELD, BENJAMIN
(87) International Publication No	:WO 2010/022777	2)IFIELD, WILLIAM ROBERT
(61) Patent of Addition to Application	٠NIA	3)IFIELD, CRAIG ALAN
Number	.NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : IMPROVED SYSTEM FOR AUTOMATIC LUBRICATION

(57) Abstract :

A system for automatically delivering lubricant to at least one bearing (16) has a lubricant pump (1) feeding lubricant under pressure through a supply line (3) to an injector (4). The injector, driven by the lubricant, sends a measured amount of lubricant down feed line (14) to bearing (16). A pressurising valve (15) maintains injection pressure in the feed line (14) enabling any failure of supply to be detected as a pressure drop at pressure switch (2). Preferred features include the incorporation of a second pressurising valve (12) at the injector end of the feed line (14), a blocked-line vent valve (13) to enable detection of a blocked or crushed feed line, and check valves (10) and (11). The injector (4) is preferably configured to produce a higher pressure at the outlet than the inlet, and various versions of this intensifying injector are described and claimed.

No. of Pages : 42 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (9) 2011/026991 (10) Patent of Addition to Application (10) NA (11) Patent of Addition to Application (11) Patent of Addition to Application (11) Patent of Addition to Application (12) NA (13) Patent of Addition to Application (14) Patent of Addition to Application (15) Patent of Addition to Application (15) Patent of Addition to Application (15) Patent of Addition to Application (16) Patent of Addition to Application (16) Patent of Addition to Application (17) Patent of Addition to Application (18) Patent of Addition to Application (19) Patent of Addition to Application (10) Patent of Addition to Application 	
(62) Divisional to Application Number:NAFiling Date:NA	

(54) Title of the invention : CONTAINER LID HAVING A PRESSURE EQUALIZING DEVICE

(57) Abstract :

The invention relates to a lid (100) of a container, in particular a beverage can, comprising a pouring opening (103), which can be closed by means of a closure element (120), which can be moved from a closed position into an open position by way of an actuating element (110), wherein a pressure equalizing device having a pressure equalizing opening (123) is provided, which interacts with the actuating element (110). When the actuating element (110) is in the closed position, a closing element for closing the pressure equalizing opening (123) releases the pressure equalizing opening (123) when moving the actuating element (110) from the closed position to the open position. The closing element is designed as a tube element (124) made of flexible material and is connected to the pressure equalizing opening (123). The tube element (124) is closed in a gas-tight and/or fluid-tight manner by way of a reversible cross-sectional constriction when the actuating element (110) is in the closed position.

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

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A SYSTEM AND STRUCTURE FOR HEATING OR STERILIZING A LIQUID STREAM

 (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 	:A23L 3/16 :12/462,213 :29/07/2009 :U.S.A. :PCT/US2010/002125 :28/07/2010 :WO 2011/014253 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOKITAE LLC Address of Applicant :11235 SE 6TH STREET, SUITE 200 BELLEVUE, WASHINGTON 98004, U.S.A (72)Name of Inventor : 1)DEAN, GEOFFREY F. 2)GATES, WILLIAM 3)HYDE, RODERICK A. 4)KARE, JORDIN T. 5)MYHRVOLD, NATHAN P. 6)TUCKERMAN, DAVID B. 7)WOOD, JR. LOWELL L. 8)YILDIRIM, OZGUR
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(57) Abstract :

A food product sterilizer includes a food product source and a regenerative heat exchanger configured to receive a flow of food product from the food product source. The heat exchanger includes an input channel configured to receive a flow of food product to be sterilized. The heat exchanger also includes an output channel fluidly coupled to the input channel. The output channel is adjacent the input channel. The output channel and the input channel are configured to transfer heat between the two channels. The heat exchanger further includes an integrated heating section of at least a portion of the input channel or the output channel. The heating section is configured to heat the flow of food product.

No. of Pages : 39 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :28/02/2012

(54) Title of the invention : POLYESTER FILMS WITH IMPROVED OIL REPELLENCY

(43) Publication Date : 05/06/2015

(51) International classification :C08J 5/18 (71)Name of Applicant : (31) Priority Document No 1)E. I. DU PONT DE NEMOURS AND COMPANY :61/239,100 (32) Priority Date Address of Applicant :1007 MARKET STREET, :02/09/2009 (33) Name of priority country WILMINGTON, DELAWARE 19898, U.S.A :U.S.A. (86) International Application No :PCT/US2010/047480 (72)Name of Inventor: Filing Date 1) DRYSDALE, NEVILLE, EVERTON :01/09/2010 (87) International Publication No :WO 2011/028771 2)MAHAJAN, SURBHI (61) Patent of Addition to Application 3)MOLOY, KENNETH, G. :NA Number **4)NEDERBERG, FREDRIK** :NA Filing Date 5)POLLINO, JOEL, M. (62) Divisional to Application Number :NA 6)RITTER, JOACHIM, C. Filing Date :NA

(57) Abstract :

Provided are films made from copolyesters having improved oil repellency as compared to conventional copolyesters. The copolyesters are derived from certain perfluorinated monomers.

No. of Pages : 34 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

 (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 	:H01L 29/786 :2009-238914 :16/10/2009 :Japan :PCT/JP2010/067195 :24/09/2010 :WO 2011/046025 :NA :NA	 (71)Name of Applicant : 1)SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Address of Applicant :398, HASE, ATSUGI-SHI, KANAGAWA-KEN, 243-0036, JAPAN (72)Name of Inventor : 1)YAMAZAKI SHUNPEI 2)KOYAMA JUN 3)TSUBUKU MASASHI 4)NODA KOSEI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	4)NODA KOSEI

(54) Title of the invention : LOGIC CIRCUIT AND SEMICONDUCTOR DEVICE

(57) Abstract :

A logic circuit includes a thin film transistor having a channel formation region formed using an oxide semiconductor, and a capacitor having terminals one of which is brought into a floating state by turning off the thin film transistor. The oxide semiconductor has a hydrogen concentration of 5 1019 (atoms/cm3) or less and thus substantially serves as an insulator in a state where an electric field is not generated. Therefore, off-state current of a thin film transistor can be reduced, leadind to suppressing the leakage of electric charge stored in a capacitor, through the thin film transistor. Accordingly, a malfunction of the logic circuit can be prevented. Further, the excessive amount of current which flows in the logic circuit can be reduced through the reduction of off-state current of the thin film transistor, resulting in low power consumption of the logic circuit.

No. of Pages : 180 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SLAG GRANULATION DEVICE (51) International classification :B22F9/08,C21B3/06,C21B3/08 (71)Name of Applicant : (31) Priority Document No **1)SIEMENS PLC** :1114763.4 (32) Priority Date :26/08/2011 Address of Applicant : Faraday House Sir William Siemens (33) Name of priority country :U.K. Square Frimley Camberley GU16 8QD U.K. (86) International Application No :PCT/EP2012/065413 (72)Name of Inventor : 1)FEATHERSTONE William Barry Filing Date :07/08/2012 (87) International Publication No :WO 2013/029934 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A dry slag rotary atomising granulator (1) comprises a rotatable disk (2) mounted on a support (3) for rotation about an axis of rotation (6). The disk is an annular metal disk having a first surface remote (23) from the support and including a central opening (29) and the support comprises a hollow cylindrical structure (28) coupled to the opening in the metal disk and a castable refractory material in the hollow cylindrical structure.

No. of Pages : 15 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :C22B 34/12 (71)Name of Applicant : (31) Priority Document No **1)E. I. DU PONT DE NEMOURS AND COMPANY** :61/239,565 (32) Priority Date Address of Applicant :1007 MARKET STREET, :03/09/2009 WILMINGTON, DELAWARE 19898, U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2010/047660 (72)Name of Inventor : Filing Date :02/09/2010 1)MERKLE, JR., JAMES, ELLIOTT (87) International Publication No :WO 2011/028892 2)BEETS, JR., RAYMOND, ROY (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TITANIUM BEARING MATERIAL FLOW CONTROL IN THE MANUFACTURE OF TITANIUM

TETRACHLORIDE WITH SILICA CONTENT MONITORING OF THE TITANIUM PRODUCT

(57) Abstract :

This disclosure relates to a process for controlling chlorination reactions in manufacturing titanium tetrachloride in a fluidized bed reactor, followed by processing to form a titanium product comprising an amount of silica, the process comprising: (a) feeding carbonaceous material, titanium bearing material comprising an amount of silica, and chlorine to the fluidized bed reactor to form a gaseous stream, and condensing the gaseous stream to form titanium tetrachloride, a non-condensed gas stream and a condensable product stream; (b) processing the titanium tetrachloride to form a titanium product comprising an amount of silica; (c) analyzing the titanium product comprising an amount of silica to determine the analyzed concentration of silica; (d) identifying a set point concentration of silica; and (f) generating a signal which corresponds to the difference calculated in step (e) which provides a feedback response that controls the flow of the titanium bearing material into the fluidized bed reactor.

No. of Pages : 12 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR IMPROVING MBMS IN A MOBILE COMMUNICATION SYSTEM

 (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 	:H04W 4/06 :61/248,633 :05/10/2009 :U.S.A. :PCT/SE2010/050993 :15/09/2010 :WO 2011/043713 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor : 1)PHAN, MAI-ANH 2)PELLETIER, GHYSLAIN 3)VAN DER ZEE, MARTIN 4)HUSCHKE, JORG
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A method in a network node in a mobile communication system is described, together with corresponding devices, for providing Multimedia Broadcast/Multicast Service, MBMS, from the network node to a user equipment, UE. The method comprises transmitting data of at least one MBMS service and scheduling information for said at least one MBMS. The transmission takes place in a current scheduling period and in a plurality of consecutive scheduling periods following the current scheduling period. The scheduling information comprises information about transmission of data of the at least one MBMS service for a scheduling period that is later than the current scheduling period.

No. of Pages : 37 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SLAG GRANULATION DEVICE		
(51) International classification	:B22F9/08,C21B3/06,C21B3/08	(71)Name of Applicant :
(31) Priority Document No	:1114763.4	1)SIEMENS PLC
(32) Priority Date	:26/08/2011	Address of Applicant : Faraday House Sir William Siemens
(33) Name of priority country	:U.K.	Square Frimley Camberley GU16 8QD U.K.
(86) International Application No	:PCT/EP2012/065412	(72)Name of Inventor :
Filing Date	:07/08/2012	1)FEATHERSTONE William Barry
(87) International Publication No	:WO 2013/029933	
(61) Patent of Addition to	•NI A	
Application Number		
Filing Date	.NA	
(62) Divisional to Application	•NI A	
Number	NA	
Filing Date	.117	

(57) Abstract :

A dry slag rotary atomising granulator comprises a rotatable disk (2) mounted on a support (3) for rotation about an axis of rotation (6). The disk comprises a metal and the granulator further comprises a cooling system (13 14 15) for supplying a coolant to the disk. The disk comprises a first surface (23) to receive slag and a second surface (18) remote from the slag receiving first surface for receiving coolant. The disk further comprises terracing (24) on the first surface and a layer (22) of solidified slag formed on the first surface.

No. of Pages : 14 No. of Claims : 15

(21) Application No.1841/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H01L 31/052	(71)Name of Applicant :
(31) Priority Document No	:61/274,888	1)LIAO, HENRY, H.
(32) Priority Date	:24/08/2009	Address of Applicant :2F, NO. 18, ALLEY 756, SEC. 5,
(33) Name of priority country	:U.S.A.	CHUNG SHAN NORTH ROAD, SHIN-LIN DISTRICT,
(86) International Application No	:PCT/CN2010/076298	TAIPEI, TAIWAN 111; Taiwan
Filing Date	:24/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/023100	1)LIAO, HENRY, H.
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : SOLAR PHOTOVOLTAIC DEVICE AND SYSTEM

(57) Abstract :

The present invention proposes a hybrid methodology and apparatus between photovoltaic (PV) and concentrated photovoltaic (CPV) solar panels to lower the photovoltaic solar energy production cost. In particular, the disclosed methodology addresses a simple quasiparabolic trough PV (QPTPV) low concentration system with greater tolerance to tracker pointing errors. The quasi-parabolic trough (QPT) reflector is defocused to cover the width of a linear solar cells array, which is reduced from a large rectangular solar cells panel. In summary, the QPTPV system consists of low cost quasi-parabolic reflectors, a compact linear PV cells array and a lower cost relaxed pointing 2-axes tracker. The combination of these low cost technologies disclosed can achieve the lowest cost per kilowatt hour of photovoltaic energy production.

No. of Pages : 45 No. of Claims : 28

(22) Date of filing of Application :09/01/2014

(54) Title of the invention : SOLAR REDSHIFT SYSTEMS

(43) Publication Date : 05/06/2015

(51) International classification	:H02N6/00	(71)Name of Applicant :
(31) Priority Document No	:61/513256	1)CORNING INCORPORATED
(32) Priority Date	:29/07/2011	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2012/043290	(72)Name of Inventor :
Filing Date	:20/06/2012	1)ORSLEY Timothy James
(87) International Publication No	:WO 2013/019330	
(61) Patent of Addition to Application	٠NIA	
Number	.INA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Solar redshift systems comprise an integral array of redshift modules each having at least a focusing device a target and a quantum dot vessel. The quantum dot vessel contains quantum dots that emit light having an emission wavelength. The focusing device directs incident solar radiation through a focusing gap and toward the quantum dot vessel or into a slab waveguide and then toward the quantum dot vessel causing the quantum dots to emit redshifted light having the emission wavelength. The redshifted light is directed to the target examples of which include a photovoltaic material or a living photosynthetic organism. The target has increased sensitivity or response to photons having the wavelength of the redshifted light. A trapping reflector component of the quantum dot vessel prevents loss of redshifted light to the environment outside the solar redshift system and allows undesirable infrared light to be removed from the system.

No. of Pages : 74 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WINPRO CO., LTD.
(32) Priority Date	:NA	Address of Applicant :2ND FL., PUBLICITYFLEX BLDG.,
(33) Name of priority country	:NA	19-8, SHINKOU-CHO CHUOU-KU, NIIGATA-SHI, NIIGATA
(86) International Application No	:PCT/JP2010/065107	9500965 (JP) Japan
Filing Date	:03/09/2010	(72)Name of Inventor :
(87) International Publication No	:NA	1)HARA, AKIO
(61) Patent of Addition to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DISK-SHAPED COAXIAL INVERSION GENERATOR AND WIND DRIVEN GENERATING EQUIPMENT INCLUDING THE SAME

(57) Abstract :

The present invention provides a disk-shaped coaxial inversion generator capable of ensuring a large generated power output and capable of attaining the reduction of mechanical loss, the realization of a low-noise structure and the facilitation of maintenance. The disk-shaped coaxial inversion generator 1 of the present invention comprises a stationary annular shaft 2 provided at its central area with a support strut and fixed with the support strut; a disk-shaped housing main body 11 composed of an integral structure of a disk-shaped upper housing 12 and a disk-shaped lower housing 13, rotatably supported by the stationary annular shaft 2, and configured to be rotated by, for example, a wind turbine; a disk-shaped first flux linkage magnet 21 attached to an internal surface of the upper housing 12; a disk-shaped second flux linkage magnet 22 attached to an internal surface of the lower housing; a disk-shaped coil body 31 whose coil portion 32 faces a field between the first flux linkage magnet 21 and the second flux linkage magnet 22 in noncontact relationship within the upper housing 12 and lower housing 13, the disk-shaped coil body 31 having its central area rotatably mounted to the stationary annular shaft 2; inversion magnets 41 protruding from an outer circumference of the stationary annular shaft 2; a disk-shaped driving magnet 51 attached to the internal surface of the lower housing in an arrangement facing the inversion magnets 41 in noncontact relationship; and a generated power output extraction portion 71 disposed across an inner circumference portion of the coil body 31 and the stationary annular shaft 2.

No. of Pages : 43 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PORTABLE AMPOULE WITH A SPECIALIZED TIP AND SEALER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61J1/06,A61M3/00,A61H35/04 :13/183387 :14/07/2011	 (71)Name of Applicant : 1)MEHTA Ketan C. Address of Applicant :601 Aviation Boulevard Santa Rosa California 95403 U.S.A.
(86) International ApplicationNoFiling Date	:PCT/US2011/046221 :02/08/2011	(72)Name of Inventor : 1)MEHTA Ketan C.
(87) International Publication No	:WO 2013/009327	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates to a portable ampoule with a specialized tip and sealer. In a general aspect the portable ampoule for dispensing fluid may include a body configured to contain cleansing solution. A neck may be coupled to the body and configured to control the flow of the solution. A tip may be coupled to the neck and have an aperture for solution release. A sealing device may be coupled to the tip and configured to seal the aperture. The sealing device may permanently unseal the aperture upon decoupling from the tip.

No. of Pages : 26 No. of Claims : 19

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MEANS AND METHODS FOR PRODUCING ARTIFICIAL CAPSULAR POLYSACCHARIDES OF NEISSERIA MENINGITIDIS

(51) International classification(31) Priority Document No	:A61K 39/095 :09168765.7	(71)Name of Applicant : 1)MEDIZINISCHE HOCHSCHULE HANNOVER
(32) Priority Date	:26/08/2009	Address of Applicant :CARL-NEUBERG-STR. 1, 30625
(33) Name of priority country	:EPO	HANNOVER, GERMANY.
(86) International Application No	:PCT/EP2010/062481	(72)Name of Inventor :
Filing Date	:26/08/2010	1)GERARDY-SCHAHN RITA
(87) International Publication No	:WO 2011/023764	2)MUHLENHOFF MARTINA
(61) Patent of Addition to Application	•NI A	3)BETHE ANDREA
Number		4)STUMMEYER KATHARINA
Filing Date	.INA	5)FREIBERGER FRIEDRICH
(62) Divisional to Application Number	:NA	6)DAMEROW SEBASTIAN
Filing Date	:NA	

(57) Abstract :

The invention provides for an in vitro method for producing capsular polysaccharides of Neisseria meningitidis. The invention also provides capsular polysaccharides obtainable by the methods described herein. The capsular polysaccharides comprise capsular polysaccharide specific for Neisseria meningitidis serogroups W-135, Y, X and A. Also encompassed are chimeric capsular polysaccharides comprising or composed of CPS of Neisseria meningitidis serogroups Y/W-135, W-135/Y, B/Y, C/Y, B/W-135, C/W-135, B/Y/W-135, C/Y/W-135, B/M-135/Y, C/W-135/Y. X/A or A/X. The invention also provides for the use of these capsular polysaccharides for as pharmaceuticals, particularly as vaccines and/or diagnostics.

No. of Pages : 119 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MACHINE AND METHOD FOR FILLING AND CLOSING CAPSULES, IN PARTICULAR CAPSULES MADE OF HARD GELATIN

(57) Abstract :

The subject matter relates to a machine (100, 100a) for filling and closing capsules (c), in particular capsules made of hard gelatin, comprising a conveyor wheel (20), which is rotatably mounted in a vertical axis (24) and is moved at least in cycles, receiving segments (21, 31) arranged on the outer circumference of the conveyor wheel (20), each being provided for a certain number of capsules (c), and processing stations (1 to 12) arranged on the circumferential path of the conveyor wheel (20) for the capsules (c). In an embodiment, the conveyor wheel (20) has a drive (25), by means of which at least the conveying path and the conveying direction of the conveyor wheel (20) can be variably adjusted in a conveying cycle.

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C10J 3/68 :61/229,413 :29/07/2009 :U.S.A. :PCT/US2010/043802 :20/07/2010	 (71)Name of Applicant : 1)JAMES MATTHEW MASON Address of Applicant :1010 MURRAY STREET, BERKELEY, CA 94710, UNITED STATES OF AMERICA. (72)Name of Inventor : 1) LAMES MATTHEW MASON
Filing Date (87) International Publication No (61) Patent of Addition to Application	:29/07/2010 :WO 2011/014713	1)JAMES MATTHEW MASON
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

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

(57) Abstract :

A downdraft gasifier for producing a gaseous fuel to be used in an engine from a carbonaceous material with a pyrolysis module, a reactor module, and a heat exchanger system that cooperate to produce the gaseous fuel from the carbonaceous material and to extract particulates from the gaseous fuel from the reactor. The heat exchange system includes a first heat exchanger coupled to the dryer module that heats the carbonaceous material with the gaseous fuel output of the reactor module to dry the carbonaceous material; a second heat exchanger coupled to the pyrolysis module that heats the dried carbonaceous material into tar gas and charcoal; and a third heat exchanger coupled to the reactor module that heats air used to combust the tar gas with the gaseous fuel output of the reactor module to preheat the air.

No. of Pages : 45 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH TEMPERATURE INSULATING TAPE AND WIRE OR CABLE SHEATHED THEREWITH

(51) International classification	n:B32B1/08,B32B27/08,B32B27/20	(71)Name of Applicant :
(31) Priority Document No	:1110395.9	1)TYCO ELECTRONICS UK LTD
(32) Priority Date	:20/06/2011	Address of Applicant : Faraday Road Dorcan Swindon
(33) Name of priority country	:U.K.	Wiltshire SN3 5HH U.K.
(86) International Application No Filing Date	:PCT/GB2012/051315 :11/06/2012	(72)Name of Inventor :1)PAGLIUCA Antonio2)HAMMOND Philip
(87) International Publication No	:WO 2012/175931	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composite insulating tape (20) comprises a laminate or co extrusion of at least two layers including an insulating first layer (24) of a polymer matrix in which mica particles are dispersed and a second layer (26) of a polyether ether ketone (PEEK) or a blend or alloy thereof containing at least 50% of PEEK wherein the surface of at least one said layer opposite the other said layer is coated with a fluoropolymer film (25). The tape can be used to form a multilayer coating on a conductor (10) such as an electric wire. An outer protective layer (28) of a fluoropolymer such as PTFE may be applied around the wrapped tape by wrapping or extrusion. In preferred embodiments fluoropolymer films are applied to both sides of the tape.

No. of Pages : 13 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B01D 65/00	(71)Name of Applicant :
(31) Priority Document No	:EP 09169388.7	1)VLAAMSE INSTELLING VOOR TECHNOLOGISCH
(32) Priority Date	:03/09/2009	ONDERZOEK[VITO] NV
(33) Name of priority country	:EPO	Address of Applicant :BOERETANG 200, B-2400 MOL,
(86) International Application No	:PCT/EP2010/062836	BELGIUM
Filing Date	:02/09/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/026879	1)VERHOEVEN, WALTER
(61) Patent of Addition to Application	٠NIA	2)AGA, GUY
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : FRAME FOR SUPPORTING A FILTER MEMBRANE

(57) Abstract :

A filter element comprising (i) an integrated permeate channel membrane (4) which has a flexible structure and comprises an upper and lower membrane layer and a substrate material for supporting said membrane layers, wherein said substrate is a 3D spacer fabric having an upper and a lower fabric surface, tied together and spaced apart by monofilament threads at a predefined distance and (ii) a frame system supporting said membrane and sealing said integrated permeate channel at the edge of the membrane, said frame system comprising a first frame profile and a second frame profile each of them having form and dimensions capable of surrounding the membrane, wherein each of said first and second frame profile has inner parts and outer parts wherein said membrane (4) is interposed between said first frame profile and said second frame profile. A filter module comprising a plurality of filter elements is also provided.

No. of Pages : 46 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

 (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 	:C07C :2009-200610 :31/08/2009 :Japan :PCT/JP2010/064666 :30/08/2010 : NA :NA :NA	 (71)Name of Applicant : 1)Wako Pure Chemical Industries Ltd. Address of Applicant :1-2 Doshomachi 3-Chome Chuo-Ku Osaka-shi Osaka 540-8605 Japan (72)Name of Inventor : 1)Tsutomu WATAHIKI 2)Kuniaki OKAMOTO 3)Motoshige SUMINO
Filing Date	:NA	

(54) Title of the invention : IONIC LIQUID CONTAINING ALLYLSULFONATE ANION

(57) Abstract :

Providing a novel ionic liquid, which is low-cost, environment-friendly, and has low viscosity and melting point. MEANS FOR SOLVING THE PROBLEM: The present invention is the invention of the ionic liquid represented by the general formula [I] : {wherein, R' to R3 and n pieces of R4 each independently represent hydrogen atom or alkyl group having 1 to 4 carbon atoms, R5 to R7 each independently represent alkyl group, aralkyl group, or aryl group, R8 represents alkyl group, aralkyl group, aryl group, or the one represented by the general formula [2]: (wherein T represents alkylene chain having 1 to 8 carbon atoms, n represents 1 or 2, and R' to R7 are the same as the above-described), X represents nitrogen atom or phosphorus atom, n represents 1 or 2. When n is 1, R3 and R4 are bound and may form cyclohexene ring together with the adjacent carbon atoms. In addition, when X is nitrogen atom, R5 to R7 or R5 to R6 may form hetero ring with nitrogen atom binding thereto).

No. of Pages : 74 No. of Claims : 6

(21) Application No.1796/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

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(54) Title of the invention : BACK COATING COMPOSITION AND MIRROR

(57) Abstract :

To provide a back coating composition capable of forming a back coating film which is scarcely susceptible to acid erosion and a mirror excellent in acid resistance. Using a back coating composition comprising a thermosetting resin a pigment and a dispersant wherein as the dispersant an amino group-containing polymer having an amine value of at least 20 mgKOH/g and having no acid group is contained a back coating film 14 is formed on a metal film (silver mirror film 12 or metal protective film 13) of a mirror 10.

No. of Pages : 25 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	·B65D75/58	(71)Name of Applicant .
(31) Priority Document No	:1156412	1)APTAR FRANCE SAS
(32) Priority Date	:13/07/2011	Address of Applicant :BP G Le Prieur F 27110 Le Neubourg
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2012/051638	(72)Name of Inventor :
Filing Date	:11/07/2012	1)PERIGNON Fabrice
(87) International Publication No	:WO 2013/007949	2)PIERRE Christophe
(61) Patent of Addition to Application	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : STOPPER ELEMENT AND DISPENSER COMPRISING SUCH AN ELEMENT

(57) Abstract :

The invention relates to a stopper element (C) intended to be fitted between two sheets of a tank of fluid product said element (C) comprising: a main body (1) defining a front side a back side (1b) an internal edge face (1c) and an external edge face (1d) the body (1) forming an orifice (11) for dispensing fluid product passing through the body from the back side to the front side; a stopper cap (2) intended to shut the dispensing orifice (11) of the main body (1) on the front side the cap (2) being integrally connected to the main body (1) via a joint (22) characterized in that: the front side and the back side (1b) define front and back zones (15) for welding the two sheets of the reservoir; and the back side (1b) defines a channel for supplying fluid product (10) which channel is open over its entire length and extends from the dispensing orifice (11) to the internal edge face (1c) of the main body (1).

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SIGNAL TRANSMISSION DEVICE, ELECTRONIC DEVICE, AND SIGNAL TRANSMISSION METHOD

:H04B 1/40 :2009-199403 :31/08/2009 :Japan :PCT/JP2010/064793 :31/08/2010 :WO 2011/025027 :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (72)Name of Inventor : 1)KENICHI KAWASAKI 2)NORIHITO MIHOTA 3)HIDENORI TAKEUCHI
:NA	
	:H04B 1/40 :2009-199403 :31/08/2009 :Japan :PCT/JP2010/064793 :31/08/2010 :WO 2011/025027 :NA :NA :NA

(57) Abstract :

A signal generation unit 107 and a first set value processing unit 7100 are included in a preceding stage of a transmission path connection unit 108 at a transmission side, and a signal generation unit 207 and a second set value processing unit 7200 are included in a subsequent stage of a transmission path connection unit 208 at a receiving side. The signal generation unit 107 or the signal generation unit 207 performs prescribed signal processing based on a set value. The first set value processing unit 7100 inputs a set value, that has been prescribed for the signal generation unit 107, to the signal generation unit 207, and the second set value processing unit 7200 inputs a set value, that has been prescribed for the signal generation unit 107, to the signal generation unit 207, to the signal generation unit 207. Since the set value is not dynamically changed according to an environment change, or the like, simplification of a parameter operation circuit or reduction of power consumption is realized, and the parameter operation circuit does not unnecessarily operate even when it is used under the state without environment change.

No. of Pages : 200 No. of Claims : 15

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(57) Abstract :

In apparatus for the acoustic transmission of power or data through a solid barrier such as a ship's hull, assembly of an acoustic transducer to the hull is facilitated by bonding it first to an intermediate element by a thin layer of bonding adhesive and then bonding the intermediate element to the barrier using a second bonding layer. Acoustic matching of the transducer to the intermediate element is achieved by the thin layer, and the mechanically more robust base of the intermediate element can be rubbed on the barrier surface to displace or abrade away any unwanted debris or imperfections which might otherwise prevent the achievement of a thin second bonding layer. This makes the mounting and bonding process more tolerant of imperfections in the barrier surface due to either surface defects or particulate contamination. The transmit and receive transducers may be positioned relative to each other so as to suppress or attenuate multiple-transit signals. Thus the intermediate element may be wedge shaped to aid suppression of triple-transit signals. Transmit and receive transducers may have different wedge angles.

No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH-STRENGTH GALVANIZED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME

(57) Abstract :

Provided is a galvanized steel sheet having a tensile strength of 770 MPa or more including a steel sheet portion, and a plated layer formed on the surface of the steel sheet portion, in which the plated layer is a galvanized plated layer or an galvannealed plated layer, the steel sheet portion has a soft layer that directly adjoins the interface with the plated layer and an inside layer that is other than the soft layer, the thickness D of the soft layer is 0.001% to 5% of the thickness t of the steel sheet portion, and, when the hardness of the soft layer measured by the nano-indentation method is indicated by H1, and the representative hardness of the steel sheet portion method is indicated by Ha in a cross section that goes along the thickness direction of the steel sheet portion, H1 is 5% to 75% of Ha.

No. of Pages : 85 No. of Claims : 6

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMBINATIO	ON ALS THERAPY	
 (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 	:A61K31/4985 :61/507381 :13/07/2011 :U.S.A. :PCT/US2012/046523 :12/07/2012 :WO 2013/010015 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CYTOKINETICS INC. Address of Applicant :280 East Grand Avenue South San Francisco California 94080 U.S.A. (72)Name of Inventor : 1)CEDARBAUM Jesse 2)MAO John 3)MALIK Fady 4)WOLFF Andrew A.

(57) Abstract :

Provided is a method for treating ALS in a subject comprising administering to the subject a therapeutically effective amount of riluzole and a therapeutically effective amount of CK 2017357. Also provided are methods of reducing the variability of riluzole exposure (e.g. Cmax and/or AUC24h) in a subject methods of reducing the variability of riluzole exposure (e.g. Cmax and/or AUC24h) between two or more subjects methods of decreasing the total daily dose of riluzole in a subject methods of increasing the half life of riluzole in a subject methods for decreasing the frequency of riluzole dosing in the subject and methods for reducing the incidence and/or severity of adverse events in a subject treated with riluzole.

No. of Pages : 27 No. of Claims : 26

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A61M 1/10 :61/233,281 :12/08/2009 :U.S.A. :PCT/US2010/044887 :09/08/2010 :WO 2011/019655 :NA :NA :NA	 (71)Name of Applicant : 1)MIAMI CHILDREN'S HOSPITAL RESEARCH INSTITUTE Address of Applicant :3100 SW 62ND AVENUE, MIAMI, FL-33155, UNITED STATES U.S.A. (72)Name of Inventor : 1)HANNAN, ROBERT, L. 2)OJITO, JORGE, W. 3)BURKE, REDMOND, PAUL
Filing Date	:NA	

(54) Title of the invention : EXTRACORPOREAL BLOOD CIRCUIT FOR CARDIOPULMONARY BYPASS

(57) Abstract :

The subject invention provides an improved bypass circuit for use in adult and especially pediatric cardiac surgery. The auto regulating capability of this circuit design simplifies its operation and combines the benefits of both VAVD and KAVD systems while eliminating the need for multiple blood pumps. Advantageously, this system occupies less space than existing systems, requires the use of less blood, reduces the contact between blood and tubing, reduces damage to blood cells, eliminates the need for multiple blood pumps and also reduces the incidence of gaseous emboli.

No. of Pages : 15 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS TREATMENT DEVICE HAVING TWO HONEYCOMB BODIES FOR GENERATING AN ELECTRIC POTENTIAL

 (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 	:F01N 3/027 :10 2009 041 092.9 :14/09/2009 :Germany :PCT/EP2010/062464 :26/08/2010 :WO 2011/029728 :NA :NA :NA	 (71)Name of Applicant : 1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH Address of Applicant :HAUPTSTRASSE 128, 53797 LOHMAR (DE) Germany (72)Name of Inventor : 1)HODGSON, JAN 2)VORSMANN, CHRISTIAN
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(57) Abstract :

An exhaust gas treatment device (11) comprising at least a first at least partially electrically conductive honeycomb body (12) having a first front side (3) and a first rear side (26), a second at least partially electrically conductive honeycomb body (13) having a second front side (25) and a second rear side (27), an intermediate space (15) between the first honeycomb body (12) and the second honeycomb body (13), a power supply (18) for the formation of an electric potential between the first honeycomb body (12) and the second honeycomb body (13), and a multiplicity of electrodes (6), which are fastened to the first honeycomb body (12), extend beyond the first rear side (26) with a first length (8) into the intermediate space (15), and are positioned at a first distance (16) from the second front side (25) of the second honeycomb body (13). A method for treating motor vehicle exhaust gas containing particles is furthermore also indicated.

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

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L 29/06 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
 (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 	:PC1/EP2009/064904 :10/11/2009 :WO 2011/057658 :NA :NA :NA	(72)Name of Inventor : 1)SZABO, GERGELY 2)TOMOR, PETER

(54) Title of the invention : SECURITY ASSOCIATION MANAGEMENT

(57) Abstract :

A method and system for managing IPsec Security Associations in a Security Association Database (SADB) in an IP network is described. At a key management application, a domain extension header is inserted into a PF_KEY message containing instructions to a key engine unit. The domain extension header identifies a domain within the Security Association Database. The PF_KEY message is sent to the key engine unit, which carries out the instructions only for Security Associations in the domain of the Security Association Database indicated by the domain extension header.

No. of Pages : 22 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(51) International classification :H02J3/14,H02J13/00 (71)Name of Applicant : (31) Priority Document No :1156528 **1)VOLTALIS** (32) Priority Date Address of Applicant :10 rue Lincoln F 75008 Paris France :19/07/2011 (33) Name of priority country (72)Name of Inventor : :France (86) International Application No :PCT/FR2012/051536 1)HEINTZ Bruno Filing Date :03/07/2012 2)OURY Jean Marc (87) International Publication No :WO 2013/011221 **3)LEFEBVRE DE SAINT GERMAIN Hugues** (61) Patent of Addition to Application 4)BIVAS Pierre :NA Number **5)BINEAU Mathieu** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MEASUREMENT AND MODULATION IN REAL TIME OF THE ELECTRICAL CONSUMPTION OF A PLURALITY OF ELECTRICAL APPLIANCES

(57) Abstract :

The invention relates to a method of measuring and modulating in real time the electrical consumption of electrical appliances powered from at least one electrical line of an electrical distribution network providing a power feed signal at a nominal voltage and nominal frequency. According to the invention the method comprises the steps of measurement (100) in real time of the current consumed by each of the electrical appliances on each portion of electrical line on which each electrical appliance is situated; of extraction (110) of the frequency and of the voltage of the electrical signal on each portion of electrical line; of calculation (120) of the deviation in frequency in absolute value between the frequency extracted and the nominal frequency of the electrical distribution network for each portion of electrical line; of generation (130 140) of an alert signal associated with a portion of electrical line as soon as the deviation in voltage on this portion of electrical line is greater than a predetermined frequency threshold value (Pthreshold) and/or the deviation in voltage on this portion of electrical line is greater than a predetermined voltage threshold value (Vthreshold); of transmission (150) of the electrical consumption of each of the electrical appliances and of the alert signal to an external central platform; and of dispatching (160) by said external central platform of selective interruption commands for certain electrical appliances regardless of the position of these electrical appliances with respect to the portion of electrical line for which the alert signal has been generated.

No. of Pages : 20 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENZYMATIC COMPOSITION FOR THE DIGESTION OF CHICKEN EMBRYOS

 (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 	:A61K 39/12 :09305690.1 :21/07/2009 :EUROPEAN UNION :PCT/EP2010/004478 :21/07/2010 :WO 2011/009613 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TRANSGENE SA Address of Applicant :PARC D'INNOVATION BOULEVARD GONTHIER D' ANDERMACH, 67400 ILLKIRCH GRAFFENSTADEN, FRANCE (72)Name of Inventor : 1)MARTINE MARIGLIANO 2)JACQUELINE REYMUND 3)MARTINE SAINTE-MARIE
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(57) Abstract :

The present invention relates to an enzymatic composition for the digestion of chicken embryos intended to the preparation of cells which are used for the production of viruses. The present invention also relates to a method for producing a wild type, an attenuated and/or a recombinant virus comprising a step of preparation of cells from chicken embryos using an enzymatic composition of the invention. The present invention relates to a purified wild type, attenuated and/or recombinant virus obtained and to a pharmaceutical composition, preferably a vaccine, comprising said virus for the treatment and/or the prevention a cancer, an infectious disease and/or an autoimmune disorder, and uses thereof.

No. of Pages : 45 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) Intermetional classification	D6511 16/02	(71)Nome of Applicant .
(51) International classification	:B05H 10/02	(71)Name of Applicant:
(31) Priority Document No	:091/0603.6	I)THE PROCIEK & GAMBLE COMPANY
(32) Priority Date	:17/09/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:EPO	CINCINNATI, OHIO 45202, U.S.A
(86) International Application No	:PCT/US2010/048187	(72)Name of Inventor :
Filing Date	:09/09/2010	1)CARLA, VITO
(87) International Publication No	:WO 2011/034767	2)WIECHMANN, HAUKE
(61) Patent of Addition to Application	·NA	
Number	.NIA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PEEL OFF DEVICE FOR UNWINDING A WEB OF MATERIAL FROM A ROLL

(57) Abstract :

Peel off device (4) for unwinding a web of material (2) from a stock roll (1), especially for high speed unwinding a web of a thin polymer film or the like, comprising a base (5) associated to the roll (1), a linear guiding device (6) mounted on the base (5), an idler support (7) linearly guided on the base (5) in a direction towards the roll (1), and a pair of idlers (9, 10) for the web (2) to be unwound. The idlers (9, 10) are mounted offset with respect to each other on the idler support (7) to provide for a meandering path of the web between the idlers (9, 10). The axes of rotation (A9, A10) of the idlers (9, 10) are parallel to the bearing axis (A3) of the roll (1). The the first idler (9) is pushed towards the roll to maintain a contact force (F) between the first idler (9) and the surface of the roll (1) while the web (2) is peeled off the roll (1).

No. of Pages : 17 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NEGATIVE TYPE CUTTING INSERT BLADE INTERCHANGEABLE ROTARY CUTTING TOOL USING SAME CUTTING INSERT BLADE INTERCHANGEABLE ROTARY CUTTING TOOL SYSTEM AND CUTTING METHOD

(51) International classification	:B23C5/20,B23B27/14	(71)Name of Applicant :
(31) Priority Document No	:2011153527	1)Hitachi Tool Engineering Ltd.
(32) Priority Date	:12/07/2011	Address of Applicant :2 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1050023 Japan
(86) International Application No	:PCT/JP2012/064782	(72)Name of Inventor :
Filing Date	:08/06/2012	1)INAGAKI Fumihiko
(87) International Publication No	:WO 2013/008565	2)MURA Hisanori
(61) Patent of Addition to Application	·NIA	3)MURATA Tomohiro
Number	.INA .NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a negative type cutting insert with a cutting edge including four coarse processing long side cutting edge portions and four fine processing short side cutting edge portions alternately linked together. The cutting insert can be used for coarse processing when attached to a coarse processing tool body or for fine processing when attached to a fine processing tool body. The cutting insert may be re attached to the fine processing tool body or the coarse processing tool body after coarse processing or fine processing and then used for fine processing or coarse processing. Thus the entire periphery of the cutting edge can be fully utilized.

No. of Pages : 67 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BACTERIAL HOST STRAIN EXPRESSING RECOMBINANT DSBC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07K16/28,C12N15/70 :11173880.3 :13/07/2011 :EPO :PCT/EP2012/002945	 (71)Name of Applicant : 1)UCB PHARMA S.A. Address of Applicant :Intellectual Property Department 60 Alle de la Recherche B 1070 Brussels Belgium (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:13/07/2012 :WO 2013/007388 :NA :NA :NA	1)ELLIS Mark 2)HUMPHREYS David Paul

(57) Abstract :

The present invention provides a recombinant gram negative bacterial cell comprising and expression vector comprising a recombinant polynucleotide encoding DsbC and one or more polynucleotides encoding an antibody or an antigen binding fragment thereof specifically binding to CD154.

No. of Pages : 130 No. of Claims : 22

(22) Date of filing of Application :10/01/2014

(54) Title of the invention : CUTTER TOOL

(43) Publication Date : 05/06/2015

(51) International classification	:E21C35/18,E21C35/183	(71)Name of Applicant :
(31) Priority Document No	:1113591.0	1)ESCO HYDRA (UK) LIMITED
(32) Priority Date	:08/08/2011	Address of Applicant :Wortley Road Rotherham South
(33) Name of priority country	:U.K.	Youkshire S61 1LZ U.K.
(86) International Application No	:PCT/IB2012/001988	(72)Name of Inventor :
Filing Date	:08/08/2012	1)BALL Brett
(87) International Publication No	:WO 2013/021283	2)MOORE Philip Nigel
(61) Patent of Addition to Application	•NI A	3)CLAPHAM William Stephen
Number	.INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutter tool that includes a shank by which the tool is releasably retainable within a tool holder an enlarged shoulder or heel provided at one end of the shank and adapted in use to abut a seating surface of a tool holder and limit the penetration of the tool holder into a receiving aperture of the tool holder and an integral blade provided beyond the enlarged shoulder or heel and terminating in a carbide or other tip. The tool is provided with a zone of weakness such that if subjected to fracture forces a fracture will be encouraged to propagate from the zone of weakness in a particular desired manner.

No. of Pages : 16 No. of Claims : 12
(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

 (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 	:G03C 9/06 :61/243,099 :16/09/2009 :U.S.A. :PCT/US2010/002521 :16/09/2010 :WO 2011/034588 :NA :NA	 (71)Name of Applicant : 1)THOMSON LICENSING Address of Applicant :1, RUE JEANNE D'ARC, ISSY-LES- MOULINEAUX 92443 (FR) France (72)Name of Inventor : 1)REDMANN, WILLIAM, GIBBENS 2)HUBER, MARK, J. 3)PINES, JOSHUA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)PINES, JOSHUA
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD AND SYSTEM WITH INDICATING MARKS FOR PROJECTION FILM

(57) Abstract :

Indicia are established on the film to clearly indicate locations where cuts for splices may and may not be properly made. These indicia are different from each other to signify whether a cut can or cannot be made in the vicinity of the respective indicia. Differences for these indicia can be exhibited in terms of one or more of a distinctive shape or size or orientation or pattern of the indicia. When cuts and splices are correctly performed, the resulting indicia in the vicinity of the splice match substantially one of the two original indicia. When cuts and splices are incorrectly executed, the resulting indicia in the vicinity of the faulty cut and splice will be a third indicia that is combination of portions of the two original indicia. Third indicia will be different from each of the two original indicia and will therefore be readily apparent to be indicative of the presence of an incorrect cut and splice.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

 (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 	:A61M 5/14 :12/542,954 :18/08/2009 :U.S.A. :PCT/US2010/044996 :10/08/2010 :WO 2011/022250 :NA	 (71)Name of Applicant : (71)CEQUR SA Address of Applicant :RUE IGOR-STRAVINSKY 2, CASE POSTALE 341, CH-1820, MONTREUX 2, SWITZERLAND (72)Name of Inventor : 1)PEATFIELD, GREG 2)GRAVESEN, PETER 3)ARNDT, HEIKO
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/022250 :NA :NA :NA :NA	2)GRAVESEN, PETER 3)ARNDT, HEIKO 4)CHIRIAEV, SERGUEI

(54) Title of the invention : MEDICINE DELIVERY DEVICE HAVING DETACHABLE PRESSURE SENSING UNIT

(57) Abstract :

A fluid medicament delivery device includes a patient attachment unit, containing the fluid medicament, and an indicator unit adapted to be detachably coupled to the patient attachment unit. A method for monitoring the fluid medicament includes independently setting a flow rate of a fluid medicament with the patient attachment unit. A pressure and/or a flow rate of the fluid medicament is sensed with a sensor located in a separate indicator unit in a sensing mode. A status of the fluid medicament delivery device is determined based at least in part on the pressure and/or the flow rate.

No. of Pages : 67 No. of Claims : 51

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : N DOPING OF ORGANIC SEMICONDUCTORS BY BIS METALLOSANDWICH COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application Number Filing Date (53) Name of Addition Number (54) Divisional to Application Number (55) Divisional to Application Number (56) Divisional to Application Number (57) Divisional to Application Number (58) Divisional to Application Number (59) Divisional to Application Number (51) Divisional to Application Number (52) Divisional to Application Number (53) Divisional to Application Number (54) Divisional to Application Number (55) Divisional to Application Number 	H01L51/00 61/496667 14/06/2011 U.S.A. PCT/US2012/042287 13/06/2012 WO 2013/055410 NA NA NA NA	 (71)Name of Applicant : 1)GEORGIA TECH RESEARCH CORPORATION Address of Applicant :505 Tenth Street Atlanta GA 30332 0415 U.S.A. 2)THE TRUSTEES OF PRINCETON UNIVERSITY (72)Name of Inventor : 1)BARLOW Stephen 2)QI Yabing 3)KAHN Antoine 4)MARDER Seth 5)KIM Sang Bok 6)MOHAPATRA Swagat K. 7)GUO Song
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(57) Abstract :

The various inventions disclosed described and/or claimed herein relate to the field of methods for n doping organic semiconductors with certain bis metallosandwich compounds the doped compositions produced and the uses of the doped compositions in organic electronic devices. Metals can be manganese rhenium iron ruthenium osmium rhodium or iridium. Stable and efficient doping can be achieved.

No. of Pages : 93 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : JAW PAIR FOR PUNCHING OUT HOLES

(51) International alogaification	.D26D7/19 D26E1/12 D26E1/24	(71) Nome of Applicant .
(51) International classification	.D20D7/18,D20F1/12,D20F1/34	(71)Name of Applicant:
(31) Priority Document No	:10 2011 052 350.2	1)GUSTAV KLAUKE GMBH
(32) Priority Date	:02/08/2011	Address of Applicant : Auf dem Knapp 46 42855 Remscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/064753	(72)Name of Inventor :
Filing Date	:27/07/2012	1)FRENKEN Egbert
(87) International Publication No	:WO 2013/017535	
(61) Patent of Addition to	-NI A	
Application Number	NA NA	
Filing Date	:NA	
(62) Divisional to Application	- NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a jaw pair for punching out holes or openings preferably in sheet metal parts which jaw pair can be connected to a device (23) to be operated preferably hydraulically and which is designed for example as a pivoting jaw pair wherein a punch (8) is formed on one jaw and a punching opening (6) is formed on the other jaw. In order to specify an advantageous jaw pair for punching out holes or openings preferably in sheet metal parts a scraper part (10) is formed in the jaw having the punch (8) which scraper part can be moved relative to the punch (8) and which is located outside of an outer contour of the punch (8) in the punching direction.

No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTROL SYSTEM FOR A SEALED COOLANT FLOW FIELD FUEL CELL POWER PLANT HAVING A WATER RESERVOIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:H01M8/04,H01M8/10,H01M8/02 :NA :NA :NA :PCT/US2011/047386 :11/08/2011	 (71)Name of Applicant : 1)UNITED TECHNOLOGIES CORPORATION Address of Applicant :One Financial Plaza 22nd Floor Hartford CT 06103 U.S.A. (72)Name of Inventor : 1)DARLING Robert M.
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The system (10) controls at least one of a pressure of the reactant streams (16A 16B) within at least one of an anode flow field (28) and a cathode flow field (36) a flow rate of the reactant streams (16A 16B) flowing through the anode and/or cathode flow fields (26 28) a temperature of a coolant fluid passing through a sealed coolant flow field (44) and a flow rate of the coolant fluid; so that water (14) moves from a water reservoir (18A 18B) into the reactant stream (16A 16B) whenever power generated by the fuel cell (20) is between about 80% and about 100% of a maximum fuel cell power output and so that water (14) moves from the reactant stream (16A 16B) into the water reservoir (18A 18B) whenever fuel cell power is less than about 75% of the maximum power output.

No. of Pages : 32 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : REGIOSELECTIVE PREPARATION OF 2-AMINO-5-TRIFLUOROMETHYLPYRIMIDINE DERIVATIVES

(51) International classification	:C07D 239/34	(71)Name of Applicant :
(31) Priority Document No	:09167934.0	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:14/08/2009	GMBH
(22) Name of priority country	:EUROPEAN	Address of Applicant :BINGER STR. 173, 55216
(55) Name of priority country	UNION	INGELHEIM AM RHEIN, GERMANY
(86) International Application No	:PCT/EP2010/061840	(72)Name of Inventor :
Filing Date	:13/08/2010	1)GUENTER LINZ
(87) International Publication No	:WO 2011/018518	2)GERD KRAEMER
(61) Patent of Addition to Application	.NI A	3)SABRINA KUSSEROW
Number	INA	4)JUERGEN SCHNAUBLET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of making pyrimidines of formula (III) wherein X1, X2, R1 and R2 have the meanings as defined herein.

No. of Pages : 34 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :G01K 1/16 (71)Name of Applicant : (31) Priority Document No 1)ARIZANT HEALTHCARE INC. :12/584,108 (32) Priority Date Address of Applicant :10393 WEST 70TH STREET, EDEN :31/08/2009 (33) Name of priority country PRAIRIE, MN 55344, USA. :U.S.A. (86) International Application No :PCT/US2010/002185 (72)Name of Inventor : Filing Date :06/08/2010 **1)MARK T. BIEBERICH** (87) International Publication No :WO 2011/025521 **2)CLIFFORD T. JUE** (61) Patent of Addition to Application **3)JONATHAN I KAPLAN** :NA Number **4)BRIAN J MASON** :NA Filing Date **5)PAUL J SILBERSCHATZ** (62) Divisional to Application Number :NA **6)ALBERT P. VAN DUREN** Filing Date :NA

(54) Title of the invention : FLEXIBLE DEEP TISSUE TEMPERATURE MEASUREMENT DEVICES

(57) Abstract :

The invention pertains to flexible devices used for zero-heat-flux, deep tissue temperature measurement, especially to disposable temperature measurement devices. Such a device is constituted of a flexible substrate with a plurality of contiguous sections. An electrical circuit is disposed on a side of the substrate. The electrical circuit includes first and second thermal sensors disposed, respectively, on first and second substrate sections. A heater trace is disposed on the first substrate section with the first . thermal sensor. The first and second sections are folded together to position the first and second thermal sensors there between and a flexible insulator disposed between the folded-together first and second sections maintains the first and second thermal sensors in a speed-apart relationship.

No. of Pages : 24 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : VENTING DEVICE		
 (54) Title of the invention : VENTING DE (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 	A62C 2/12 :0912644.2 :21/07/2009 :U.K. :PCT/GB2010/051186 :20/07/2010 :WO 2011/010140	 (71)Name of Applicant : 1)APRECO LIMITED Address of Applicant :1 PORTHOUSE BUSINESS CENTRE, TENBURY ROAD, BROMYARD, HERTFORDSHIRE HR7 4FL, GREAT BRITAIN, U.K. (72)Name of Inventor : 1)GATLEY, RICHARD
 (67) International Fublication Foo (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(57) Abstract :

A vent device comprising at least one control member pivotably supported in an opening in a frame (10), for movement, in response to differential gas pressure between opposite sides of the opening, between a closed position in which the control member (s) substantially blocks the opening and an open position in which the control member (s) (20,22) leaves the opening substantially unobstructed for flow of gas therethrough, wherein the or at least one of the control members (20,22) has associated therewith a restraining mechanism, operable to apply a force to the control member to influence movement thereof between its open and closed positions.

No. of Pages : 24 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :C10M 129/66 (71)Name of Applicant : (31) Priority Document No 1)THE LUBRIZOL CORPORATION :61/234,717 (32) Priority Date Address of Applicant :29400 LAKELAND BLVD., :18/08/2009 (33) Name of priority country WICKLIFFE OHIO 44092-2298, UNITED STATES OF :U.S.A. (86) International Application No :PCT/US2010/045576 AMERICA (72)Name of Inventor: Filing Date :16/08/2010 (87) International Publication No :WO 2011/022317 1)WILLIAM R. S. BARTON (61) Patent of Addition to Application 2)SETH L. CRAWLEY :NA Number **3)PATRICK E. MOSIER** :NA Filing Date **4)MATTHEW D. GIESELMAN** (62) Divisional to Application Number :NA **5)DANIEL J. SACCOMANDO** Filing Date :NA

(54) Title of the invention : LUBRICATING COMPOSITION CONTAINING AN ANTIWEAR AGENT

(57) Abstract :

The invention provides a lubricating composition containing an oil of lubricating viscosity and a compound obtained/obtainable by a process comprising reacting a glycolic acid, a 2-halo-acetic acid, or a lactic acid, or an alkali or alkaline metal salts thereof, (typically glycolic acid or a 2-halo-acetic acid) with at least one member selected from the group consisting of an amine, an alcohol, and an aminoalcohol. The invention further relates to the use of the lubricating composition in an internal-combustion engine.

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTIKINE ANTIBODIES THAT BIND TO MULTIPLE CC CHEMOKINES

 (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 	:C12P 21/08 :NA : - : :PCT/US2010/047004 :27/08/2010 :WO 2011/025962 :NA :NA :NA	 (71)Name of Applicant : 1)VLST CORPORATION Address of Applicant :307 WESTLAKE AVENUE NORTH, SEATTLE, WA 98109, UNITED STATES OF AMERICA. (72)Name of Inventor : 1)DAN ALLISON 2)CAROL RAPORT
Filing Date	:NA :NA	

(57) Abstract :

An antikine antibody binds to two, three, four, five or more CC chemokines, such as RANTES/CCL5, MIP-la/CCL3, MIP-l7CCL4, or MCP-1/CCL2. Methods for affinity maturation and humanization of antikine antibodies as well as the production of hybridoma cell lines producing antikine antibodies by sequential immunization are also disclosed.

No. of Pages : 176 No. of Claims : 45

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

MANAGEMENT METHOD AND PROGRAM			
(51) International classification	:G06Q50/10	(71)Name of Applicant :	
(31) Priority Document No	:2011157658	1)NEC Corporation	
(32) Priority Date	:19/07/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo	
(33) Name of priority country	:Japan	1088001 Japan	
(86) International Application No	:PCT/JP2012/067747	(72)Name of Inventor :	
Filing Date	:11/07/2012	1)KINOSHITA Shingo	
(87) International Publication No	:WO 2013/011902	2)KAWADA Koji	
(61) Patent of Addition to Application	.NT A		
Number	:INA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(54) Title of the invention : LICENSE MANAGEMENT DEVICE LICENSE MANAGEMENT SYSTEM LICENSE MANAGEMENT METHOD AND PROGRAM

(57) Abstract :

This license management device causes a wireless device to be in a state in which all functions are restricted by overwriting key information of the wireless device with a default key which is unique to the wireless device. In addition a key generation device generates an upgrade key which is unique to the wireless device and transmits the same to the license management device. Furthermore the license management device can release restrictions of functionality in the wireless device by applying the upgrade key to the key information of the wireless device which has been overwritten with the default key.

No. of Pages : 45 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTROCHROMIC DEVICE AND ASSEMBLY INCORPORATING THE SAME		
 (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 	:G02F 1/15 :61/237,580 :27/08/2009 :U.S.A. :PCT/US2010/002331 :24/08/2010 :WO 2011/028253 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 HARMON ROAD, AUBURN HILLS, MI 48326, UNITED STATES OF AMERICA (72)Name of Inventor : 1)VEERASMY, VIJAYEN, S.

(57) Abstract :

Certain example embodiments of this invention relate to electrochromic (EC) - devices, assemblies incorporating electrochromic devices, and/or methods of making the same. More particularly, certain example embodiments of this invention relate to improved EC materials, EC device stacks, high-volume manufacturing (HVM) compatible process integration schemes, and electrochromic window assemblies (600a) comprising a first glass substrate (402), which is not thermally tempered and supports a stack (400) of electrochromic layers, a second glass substrate (602), made of thermally tempered glass and laminated to the first substrate, and a third glass substrate (604).

No. of Pages : 36 No. of Claims : 22

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMBUSTION	N APPARATUS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F23R 3/34 :NA :NA :NA :PCT/EP2009/007299	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333, MUNCHEN, GERMANY (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Data	:09/10/2009 :WO 2011/042037 :NA :NA	1)GHENADIE; BULAT 2)ROBIN MCMILLAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is directed to a combustion apparatus, particularly a gas turbine engine, comprising: a fuel supply line (27) to the combustion apparatus for providing an overall fuel supply to the combustion apparatus; at least one burner (20) including a plurality of fuel supply lines (24, 25) to the at least one burner (20), the supply of fuel in the plurality of fuel supply lines (24, 25) to the at least one burner (20) corresponding to the overall fuel supply in the fuel supply line (27) to the apparatus; a combustion volume (23) associated with the at least one burner (20); a temperature sensor (32) located in the apparatus such as to be able to convey temperature information relating to a part (31) of the apparatus which is to be protected against overheating; a pressure sensor (33) such as to be able to convey pressure information representing pressure within the combustion volume (23); and a control arrangement (36). The control arrangement (36) is arranged to vary the fuel supplies to one or more of the at least one burner (20) based on the temperature information and on the pressure information and on a further information, the further information being indicative for a progress over time for a signal for a time span defined by a time information, such as to keep the pressure variations within the combustion volume (23) below a predetermined maximum temperature limit, and such as to keep the pressure variations within the combustion volume (23) below a predetermined maximum pressure variation limit, while keeping the overall fuel supply in the fuel supply line (27) to the apparatus substantially constant.

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

(21) Application No.219/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD OF SLICKWATER FRACTURING			
 (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 	:C09K8/68,F17D1/17 :13/194739 :29/07/2011 :U.S.A. :PCT/US2012/040991 :06/06/2012 :WO 2013/019308 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :2929 Allen Parkway Suite 2100 Houston Texas 77019 U.S.A. 2)STEVENS Mary Michele (72)Name of Inventor : 1)SUN Hong 2)QU Qi	

(57) Abstract :

The present invention relates to a method of slickwater hydraulic fracturing of a subterranean formation comprising introducing into a wellbore an aqueous fracturing fluid comprising a nonionic polymer and polyethylene oxide.

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING A SEARCH REQUEST :G06F17/30,G06F17/27 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AMADEUS S.A.S. :11305820.0 (32) Priority Date Address of Applicant :485 route du Pin Montard Sophia :27/06/2011 (33) Name of priority country Antipolis F 06410 Biot France :EPO (86) International Application No (72)Name of Inventor : :PCT/EP2012/062296 Filing Date :26/06/2012 1)GRANDJEAN Patrick Roger (87) International Publication No :WO 2013/000884 2)ARNAUD Denis (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method and system for processing a search request. A search request comprising a sequence of data strings and representing a plurality of search parameters is received. The strings are parsed and the search request is interpreted so as to define search parameters by recognizing items reflecting search criteria within the sequence of data strings. A query is built based on the result of the preceding process and at least one travel data service can be interrogated. This improves the search for information based on free text input from the user. Application to methods for travel data service interrogation and to search engines.

No. of Pages : 31 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : REDUCED COLOR EPOXIDIZED ESTERS FROM EPOXIDIZED NATURAL FATS AND OILS (51) International classification :C07C67/03 (71)Name of Applicant : (31) Priority Document No 1)ARCHER DANIELS MIDLAND COMPANY :61/501312 (32) Priority Date Address of Applicant :4666 Faries Parkway Decatur Illinois :27/06/2011 (33) Name of priority country :U.S.A. 62526 U.S.A. (86) International Application No :PCT/US2012/038760 (72)Name of Inventor : Filing Date :21/05/2012 1)HOWARD Stephen (87) International Publication No :WO 2013/002913 2)HAGBERG Erik (61) Patent of Addition to Application **3)POPPE George** :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

Reduced color epoxidized fatty acid esters are provided which may be used as primary plasticizers for PVC in replacement of phthalate plasticizers. The reduced color epoxidized fatty acid esters are prepared from natural fats or oils by transesterification and interesterification processes whereby through the use of borohydride materials having Pt Co colors according to ASTM D1209 on the order of 50 and lower are possible.

No. of Pages : 31 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DIELECTRIC WAVEGUIDE FILTER WITH DIRECT COUPLING AND ALTERNATIVE CROSS COUPLING

 (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 	:H01P1/207,H01P1/208 :61/508987 :18/07/2011 :U.S.A. :PCT/US2012/000249 :22/05/2012 :WO 2013/012438 :NA :NA :NA	 (71)Name of Applicant : (71)CTS CORPORATION Address of Applicant :905 West Boulevard North Elkhart IN 46514 U.S.A. (72)Name of Inventor : VANGALA Reddy
Filing Date	:NA	

(57) Abstract :

A dielectric waveguide filter comprising a block of dielectric material including a plurality of resonators defined by a plurality of slots defined in the block of dielectric material. The resonators are arranged on the block of dielectric material in one or more rows and columns. First and second RF signal input/output electrodes are defined on the block of dielectric material. A first direct RF signal transmission path for the transmission of an RF signal is defined by the first and second RF signal input/output electrodes and the plurality of resonators. In one embodiment internal windows define a first direct RF signal transmission means and additional RF signal transmission means define alternate or cross coupling paths for the transmission of the RF signal from resonators in one column to resonators in another column. In one embodiment the filter is comprised of two separate blocks of dielectric material which have been coupled together.

No. of Pages : 75 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CROSS POLAR INTERFERENCE CANCELLATION SYSTEM WIRELESS STATION DEVICE WIRELESS COMMUNICATION METHOD

 (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 	:H04J11/00,H04B1/54,H04B7/10 :2011146979 :01/07/2011 :Japan :PCT/JP2012/066017 :22/06/2012 :WO 2013/005585 :NA :NA	 (71)Name of Applicant : 1)NEC Corporation Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor : 1)ICHIKAWA Masaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This wireless station device assesses whether or not a carrier to noise ratio for vertical polarization is lower than a first threshold and if the carrier to noise ratio for the vertical polarization is lower than the first threshold determines that the current modulation method of the vertical polarization is to be modified to another modulation method with a lower number of levels and transmits the modulation method information to an opposed wireless station device. In addition the opposed wireless station device with regard to the vertical polarization transmits a wireless signal to the wireless station device using the modulation method indicated by the received modulation method information.

No. of Pages : 52 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PACKET BROADCAST MECHANISM IN A SPLIT ARCHITECTURE NETWORK :H04L12/24,H04L12/70 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :13/196717 (32) Priority Date :02/08/2011 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No :PCT/IB2012/053807 1)YEDAVALLI Kiran Filing Date :25/07/2012 2)MISHRA Ramesh (87) International Publication No :WO 2013/017998 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and system is implemented in a network node that functions as a controller for a domain in a split architecture network. The domain comprises a plurality of flow switches where the plurality of flow switches implement a data plane for the split architecture network and the controller implements a control plane for the split architecture network that is remote from the data plane. The method and system configure the plurality of flow switches to efficiently handle each type of broadcast packet in the domain of the split architecture network without flooding the domain with the broadcast packets to thereby reduce a number of broadcast packets forwarded within the domain.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HYBRID POLYMER COATING FOR PETROUS OR CERAMIC SUBSTRATES PETROUS OR CERAMIC SUBSTRATE AND OBTAINING METHOD

(57) Abstract :

A coating having a thickness between 0.1 and 2 mm is obtained from a mixture with the following composition: 10 25% by weight of micronized powder; 40 60% by weight of inorganic gravels of petrographic origin of sizes comprised between 0.063 2 mm; 10 40% by weight of a polymerisable base resin selected from polyurethane polyester epoxy or acrylic with additives; and optionally pigments. The proportion of the mentioned gravel and micronized powder of the coating is up to 90% in an inner most area of interphase between coating and surface of the petrous substrate covering one third of the thickness of the coating. The method comprises depositing the mentioned mixture on the substrate and vibrating the assembly and subsequently proceeding to a step of curing and subsequent mechanical finishing of the surface.

No. of Pages : 14 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ORGANIC LA	SER	
 (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 	:G01K :12/511,797 :29/07/2009 :U.S.A. :PCT/US2010/043680 :29/07/2010 : NA	 (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :Office of Technology Transfer 1214 S. University Avenue 2nd Floor Ann Arbor Michigan 48104-2592 United States of America (72)Name of Inventor : 1)FORREST Stephen R.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)KENA-COHEN Stephane 3)GIEBINK Noel

(57) Abstract :

A device is provided. The device includes a first organic light emitting device which further comprises a first electrode a second electrode and an organic emissive layer disposed between the first electrode and the second electrode. The device also includes a first laser device which further comprises an optical cavity and an organic lasing material disposed within the optical cavity. A focus mechanism is disposed to focus light emitted by the first organic light emitting device onto the first laser device. Preferably the focus mechanism provides light incident on the first laser device at least 10 times greater and more preferably at least 100 times greater in intensity than the light emitted by the first organic light emitting device.

No. of Pages : 37 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F24J 2/54	(71)Name of Applicant :
(31) Priority Document No	:61/274,927	1)LIAO, HENRY, H.
(32) Priority Date	:24/08/2009	Address of Applicant :2F, NO. 18, ALLEY 756, SEC.5,
(33) Name of priority country	:U.S.A.	CHUNG SHAN NORTH ROAD, SHIH-LIN DISTRICT,
(86) International Application No	:PCT/CN2010/075376	TAIPEI, TAIWAN 111; Taiwan
Filing Date	:21/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 011/023045	1)LIAO, HENRY, H.
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TWO-AXLE SOLAR TRACKING SYSTEM AND DEVICE FOR SOLAR PANELS

(57) Abstract :

The present invention relates to a simplified and lower cost two-axes tracker for solar PV (photovoltaic) or CPV (concentrated photovoltaic) solar panel, as well as heliostat solar reflectors and solar Stirling engine. In particular, the disclosure addresses a simplified and gravity centered tracker structure with low cost single or dual linear actuators mounted on the side of ground post which is easier for replacement and maintenance at lower cost.

No. of Pages : 41 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADJUNCT THERAPY DEVICE HAVING DRIVER WITH CAVITY FOR HEMOSTATIC AGENT (51) International classification :A61B17/072 (71)Name of Applicant : (31) Priority Document No 1) ETHICON ENDO SURGERY INC. :13/195170 (32) Priority Date Address of Applicant :4545 Creek Road Cincinnati Ohio :01/08/2011 (33) Name of priority country :U.S.A. 45242 U.S.A. (86) International Application No :PCT/US2012/048766 (72)Name of Inventor : Filing Date :30/07/2012 1)SMITH Craig S. (87) International Publication No :WO 2013/019697 2)BLAIR Gregory B. 3)WEISENBURGH William B. II (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An instrument is configured to receive a staple cartridge to staple tissue and expel a fluid from within a container in the staple cartridge. The staple cartridge has an upper deck including staple apertures and orifices formed therein. The orifices are in fluid communication with the containers. The staple cartridge includes staple drivers having a driver body to translate a staple and a container protrusion to expel the fluid out the orifices. The fluid may be expelled while driving the staples out through the staple apertures. The container may be vertically compressible container or in one alternative may be a container having a channel and a sealant that is configured to be pierced as the fluid is expelled. Some configurations for the fluid include a hemostatic agent thrombin a gel or a medicament. The containers may also be formed as reservoirs defined within the upper deck and/or cartridge body.

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

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF SODIUM BOROHYDRIDE AND DIPHENYL OXIDE		
 (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 	:C01B6/21 :61/511203 :25/07/2011 :U.S.A. :PCT/US2012/047128 :18/07/2012 :WO 2013/016091	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)ELOWE Paul R. 2)MOL ZAHN David C
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A process for production of an alkali metal borohydride. The process comprises three steps. The first step is combining a phenyl ester of a boric acid ester precursor with a compound of formula MAlH(OPh) where x is from zero to three M is an alkali metal and Ph is phenyl; to produce an alkali metal borohydride and Al(OPh). The second step is separating sodium borohydride from Al(OPh). The third step is heating Al(OPh) to produce diphenyl oxide.

No. of Pages : 7 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:A61F2/84	(71)Name of Applicant :
(31) Priority Document No	:61/496376	1)FLEXIBLE STENTING SOLUTIONS INC.
(32) Priority Date	:13/06/2011	Address of Applicant :23 Christopher Way Suite 103
(33) Name of priority country	:U.S.A.	Eatontown NJ 07724 3255 U.S.A.
(86) International Application No	:PCT/US2012/042185	(72)Name of Inventor :
Filing Date	:13/06/2012	1)BEACH Bradley
(87) International Publication No	:WO 2012/174069	2)BURPEE Janet
(61) Patent of Addition to Application	·NIA	3)FILACHEK Andrew
Number		4)KALAVALAPALLY Rajesh
Filing Date	:NA	5)SHAH Neel
(62) Divisional to Application Number	:NA	6)JAEGER Dana
Filing Date	:NA	

(54) Title of the invention : RECONSTRAINABLE STENT DELIVERY SYSTEM

(57) Abstract :

The reconstrainable stent delivery system of the present invention comprises a proximal end and distal end which include inner and outer members. A pusher is positioned at the proximal end of the inner member. A slider is located coaxially with the inner member and is positioned within the inner diameter of the stent. The slider can rotate about and move longitudinally along one of an inner shaft or tube such as the guide wire tube such that the proximal end of the stent can move distally as the stent deploys. A pusher can be used on the guide wire tube such that the guide wire tube pusher and stent move proximally relative to the outer sheath and re constrain the stent in the outer sheath. Furthermore the pusher and guide wire tube could move distally as the outer sheath retracts proximally for stent deployment to accommodate foreshortening.

No. of Pages : 56 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BLOOD PRESSURE MEASURING DEVICE AND METHOD FOR MEASURING THE BLOOD PRESSURE OF A LIVING BEING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) International Publication No (41) Patent of Addition to Application Number Filing Date (51) International to Application Number (52) Divisional to Application Number (53) Date (54) Patent (54) Patent (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (58) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (58) Patent (51) Patent (58) Patent (58) Patent (51) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) P	 (71)Name of Applicant : 1)UP-MED GMBH Address of Applicant :NEUMARKTER STRAE 41, 81673 MUNCHEN, GERMANY (72)Name of Inventor : 1)PFEIFFER, ULRICH 2)THOMAMULLER, TOBIAS 3)KNOLL, REINHOLD
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(57) Abstract :

The invention relates to a device and a method for non-invasive measurement of pulsatile signals of a living being, preferably a human being. The device comprises a flexible element that is designed to surround a body part at least partially, wherein at least one pressure sensor element is disposed on the flexible element and the flexible element is designed to conform to the surface profile of the body part and the flexible element comprises a stiffening apparatus by means of which the flexible element can be rendered stiff. In the method according to the invention, the flexible element is firstly applied with a pressure sensor element to a body part relevant for the measurement, such that the flexible element assumes a shape conforming to the body part; the flexible element is then rendered stiff in the shape conforming to the body part, the pressure signal is subsequently measured over a specific time period while the flexible element is in the stiffened state, and finally the flexible element is returned to the flexible state thereof.

No. of Pages : 63 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C10L 1/19	(71)Name of Applicant :
(31) Priority Document No	:61/230,216	1)VERTEX ENERGY LP.
(32) Priority Date	:31/07/2009	Address of Applicant :1331 Gemini Suite 250 Houston
(33) Name of priority country	:U.S.A.	Texas 77058 US U.S.A.
(86) International Application No	:PCT/US2010/043758	(72)Name of Inventor :
Filing Date	:29/07/2010	1)Gregory Odell WALLACE
(87) International Publication No	: NA	2)John G. SCHULZ
(61) Patent of Addition to Application	·NA	3)Benjamin P. COWART
Number	.INA .NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM FOR MAKING A USABLE HYDROCARBON PRODUCT FROM USED OIL

(57) Abstract :

One or more computer implemented systems for continuously processing used oils are provided. The system can include a feedstock tank containing feedstock. The feedstock tank can have a sparger and a level sensor. The feedstock tank can be in fluid communication with a first pump a first filter a heater a second filter first flow meter a primary nozzle a secondary nozzle a motionless inline static mixer and a first reactor.

No. of Pages : 28 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HAIRPIN LOOP METHOD FOR DOUBLE STRAND POLYNUCLEOTIDE SEQUENCING USING TRANSMEMBRANE PORES

Т

(51) International classification (31) Priority Document No	:C12Q1/68 :61/511436	(71)Name of Applicant : 1)OXFORD NANOPORE TECHNOLOGIES LIMITED
(32) Priority Date	:25/07/2011	Address of Applicant :Edmund Cartwright House 4 Robert
(33) Name of priority country	:U.S.A.	Robinson Avenue Oxford Science Park Oxford Oxfordshire OX4
(86) International Application No	:PCT/GB2012/051786	4GA U.K.
Filing Date	:25/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/014451	1)BROWN Clive
(61) Patent of Addition to Application	·NIA	2)CLARKE James
Number	INA INA	3)HALL Graham
Filing Date	.117	4)HARPER Gavin
(62) Divisional to Application Number	:NA	5)HERON Andrew
Filing Date	:NA	6)WHITE James

(57) Abstract :

The invention relates to a new method of sequencing a double stranded target polynucleotide. The two strands of the double stranded target polynucleotide are linked by a bridging moiety. The two strands of the target polynucleotide are separated using a polynucleotide binding protein and the target polynucleotide is sequenced using a transmembrane pore.

No. of Pages : 106 No. of Claims : 35

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : VEHICLE SEA	ΑT	
 (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 	:B60N2/14,B60N2/06 :2011194679 :07/09/2011 :Japan :PCT/JP2012/071183 :22/08/2012 :WO 2013/035533 :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA SHATAI KABUSHIKI KAISHA Address of Applicant :100Kanayama Ichiriyama cho Kariya shi Aichi 4480002 Japan (72)Name of Inventor : 1)HIBI Kazuhiro 2)KURETAKE Hiroyuki
Filing Date	:NA	

(57) Abstract :

A seat movement device for a vehicle seat is configured so that the seat movement device can be switched between an automatic mode in which the seat body is moved along a predetermined movement path utilizing the rotational force of a drive source (458) and a manual mode in which the seat body is moved along the movement path by applying a manual force to the seat body. When the seat movement device is switched to the manual mode the rotating section (452) of the seat movement device is connected to a mechanism (459) for permitting rotation in one direction the rotating section (452) rotating when the seat body moves along the movement path. As a result the movement of the seat body in the direction toward the vehicle interior is permitted and the movement of the seat body in the opposite direction is prohibited.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : INDEPENDENT NON INTERFERING WEARABLE HEALTH MONITORING AND ALERT SYSTEM

 (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 Elling Date 	:A61B5/00,A61B5/0402 :61/498736 :20/06/2011 :U.S.A. :PCT/IL2012/000248 :19/06/2012 :WO 2012/176193 :NA :NA :NA	 (71)Name of Applicant : 1)HEALTHWATCH LTD. Address of Applicant :34 Hazeitim Street 4630734 Herzeliya Israel (72)Name of Inventor : 1)ROMEM Yoram
Filing Date	:NA	

(57) Abstract :

A seamless substantially continuous independent and wearable health monitoring and self alert system configured for use by a living being on a daily basis including by a healthy living being. The wearable health monitoring and self alert system includes a garment worn by the living being adjacently to preconfigured portions of the body of the living being. The system further includes a garment control device that includes a garment processor and a battery. The system further includes a multi lead ECG measuring device including multiple electrodes or probe devices embedded into the garment and an alerting unit. Preferably the system further includes multiple sensing devices selected from the group consisting of sensors and electrodes. At least one of the sensing devices is embedded into the garment wherein each of the sensing devices is configured to detect a predetermined physiological or chemical parameter of the living being.

No. of Pages : 55 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MINIMALLY INVASIVE CRIMP AND CABLE FOR BONE CERCLAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B17/82,A61B17/88 :61/508633 :16/07/2011 :U.S.A. :PCT/US2011/063090 :02/12/2011	 (71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS LLC Address of Applicant :325 Paramount Drive Raynham MA 02767 U.S.A. (72)Name of Inventor : 1)DELLOCA Alberto A. Fernandez
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/012433 :NA :NA :NA :NA	

(57) Abstract :

A crimp configured to fix a cable about a bone includes a body extending from a proximal end to a distal end and a first channel extending through the body from the proximal end to the distal end the first channel being sized and shaped to permit a cable to be slid therethrough along with a second channel extending through the body from the proximal end to the distal end the second channel being sized and shaped to permit a cable to be slid therethrough and a deformable extension attached to the proximal end of the body the extension including a lumen aligned with the second channel and sized and shaped to permit the cable to be slid therethrough.

No. of Pages : 36 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENDOSCOPE SYSTEM ADAPTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B1/303,A61B1/307,A61B1/00 :13/163617 :17/06/2011 :U.S.A. :PCT/US2012/042465 :14/06/2012	 (71)Name of Applicant : 1)BAYER ESSURE INC. Address of Applicant :1011 McCarthy Boulevard Milpitas CA 95035 U.S.A. (72)Name of Inventor : 1)STOUT Christopher A.
(87) International Publication No	:WO 2012/174242	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An adaptor and adaptor kit are described in which the adaptors may be configured to be removably coupled to a working channel of an endoscope system such as a hysteroscope system. The adaptors may include an elongate body having a central lumen extending between a distal end and a proximal end of the elongate body and a bend along a length of the elongate body between the distal and proximal ends. The adaptors may be configured to accommodate variations in patient anatomy such as variations in the size and shape of a uterus and location of the ostia to the fallopian tubes. A plurality of non identical adaptors having a number of different characteristics may be sold in a kit so that particular adaptor can be selected for use with a particular patient anatomy.

No. of Pages : 37 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SOLAR POWER PLANT

(51) Internationalclassification(31) Priority Document No	:H01L31/058,H01L35/00,F24J2/04 :20110199	 (71)Name of Applicant : 1)HAUTALAHTI Reijo Address of Applicant :Teekkarinkatu 5 A 31 FI 33720
(32) Priority Date	:13/06/2011	Tampere Finland
(33) Name of priority country	:Finland	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/FI2012/000031 :12/06/2012	1)HAUTALAHTI Reijo
(87) International Publication No	:WO 2012/172159	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Solar power plant generating electricity and heat comprising an element generating electricity (1 6) a heated element (4) and a cooling element (8). The element generating electricity (1 6) comprises thermoelectric elements and possibly also solar cells. The heated element (4) and the cooling element (8) can be liquid media that have been arranged to absorb solar energy. The element generating electricity (1 6) the heated element (4) and the cooling element are laid one on the other in layers and the layers are laid one on the other in planar or cylindrical arrangement. The power plant may also comprise at least one reflector (9) that is arranged to enhance the intensity of solar radiation.

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

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRICAL DEVICE			
 (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 Elling Date 	:H01F5/02,G01R15/18 :PCT/EP2011/003554 :16/07/2011 :EPO :PCT/EP2012/001362 :28/03/2012 :WO 2013/010599 :NA :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland (72)Name of Inventor : 1)HOZOI Adrian 2)DISSELNK-TTER Rolf 	
5			

(57) Abstract :

The invention is related to an electrical device (30 40) for measuring alternating current or current pulses which comprises at least one coil (34 42) of electrically conductive wire being wound around a non magnetic carrier (10 20 26 32 50) whereas the non magnetic carrier (10 20 26 32 50) is made of glass.

No. of Pages : 20 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HOT DIP PLATED COLD ROLLED STEEL SHEET AND PROCESS FOR PRODUCING SAME

 (51) International classificatio (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 	n:C22C38/00,C21D9/46,C22C38/38 :2011150249 :06/07/2011 :Japan :PCT/JP2012/066686 :29/06/2012 :WO 2013/005670 :NA :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : I)IMAI Norio 2)WAKITA Masayuki 3)NISHIO Takuya 4)HAGA Jun 5)HATA Kengo 6)TANAKA Yasuaki 7)YOSHIDA Mitsuru 8)TAKEBAYASHI Hiroshi 9)FUKUSHIMA Suguhiro 10)TOMIDA Toshiro
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(57) Abstract :

A high tension hot dip plated cold rolled steel sheet which is excellent in terms of ductility work hardenability and stretch flangeability and which has a tensile strength of 750 MPa or higher wherein the base cold rolled steel sheet has: a chemical composition that contains in terms of mass% 0.10 0.25% C (excluding 0.10% and 0.25%) 0.50 2.0% Si (excluding 0.50% and 2.0%) and 1.50 3.0% Mn (excluding 1.50%) and optionally contains one or more of Ti Nb V Cr Mo B Ca Mg REM and Bi and that has contents of P S sol.Al and N of less than 0.050% 0.010% or less 0.50% or less and 0.010% or less respectively; and a metallographic structure in which the main phase is a phase formed by low temperature transformation and which contains retained austenite as a second phase. The content by volume of the retained austenite is higher than 4.0% but less than 25.0% of the whole structure and the retained austenite has an average grain diameter less than 0.80 μ m. The population density of retained austenite grains having a grain diameter of 1.2 μ m or larger among all retained austenite grains is 3.0—10 grains/ μ m or less.

No. of Pages : 43 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

 (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 	:G06F9/38 :11174969.3 :22/07/2011 :EPO :PCT/EP2012/063867 :16/07/2012 :WO 2013/014012	 (71)Name of Applicant : 1)ERICSSON MODEMS S.A. Address of Applicant :Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor : 1)SMEETS Jean Paul 2)RLISHOUWER Erik
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(54) Title of the invention : METHOD AND APPARATUS FOR BRANCH PREDICTION

(57) Abstract :

A branch prediction unit BPU (500) for prediction of a next taken branch instruction in a processing unit (100). The BPU (500) comprises a pattern history memory (504) comprising branch source addresses and branch indicators; a branch target buffer (506) comprising branch targets; and branch prediction logical circuit (502). By means of a search PC the circuit finds in the memory a branch indicator indicator indicator as an indication of a first predicted taken branch instruction. The circuit selects a first found branch indicator as an indication of a first predicted taken branch instruction. When the retrieved branch source address is the branch source address nearest to the search PC the circuit outputs as next PC a branch target retrieved from the buffer. Then the prediction stops.

No. of Pages : 41 No. of Claims : 15
(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND PENDIMETHALIN

 (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 	:B01J27/14 :61/500784 :24/06/2011 :U.S.A. :PCT/US2012/043526 :21/06/2012 :WO 2012/177860 :NA :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor : 1)MANN Richard K. 2)NGUYEN Lap 3)SAMANWONG Somsak
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(57) Abstract :

A synergistic herbicidal composition containing (a) penoxsulam and (b) pendimethalin provides improved pre emergence to early post emergence herbicidal weed control of undesirable vegetation in multiple crops including rice cereal and grain crops turf IVM sugar cane and tree and vine orchards. The active ingredient ratio (weight to weight) of pendimethalin to penoxsulam at which the herticidal effect is synergistic lies within the range of between about 5:1 and 320:1 and in certain embodiments a ratio of about 55:1. The rate at which the synergistic composition is applied will depend upon the particular type of weed to be controlled the degree of control required and the timing and method of application. The composition of the invention can be applied at an application rate of between about 160 grams active ingredient per hectare 30 (gai/ha) and about 1850 gai/ha based on the total amount of active ingredients in the composition.

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AFLATOXION PRODUCTION INHIBITOR AND MEHTOD FOR CONTROLLING AFLATOXIN CONTAMINATION

(51) International classification	:C07C229/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 145423	1)THE UNIVERSITY OF TOKYO Address of Applicant :3-1, HONGO 7-CHOME, BUNKYO-
(32) Priority Date	:11/07/2013	KU, TOKYO 113-8654 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SAKUDA, SHOHEI
Filing Date	:NA	2)TAKAGI, KEIKO
(87) International Publication No	: NA	3)PRABOWO, DIYAN FEBRI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aflatoxin production inhibitor containing a respiratory inhibitor, and a method for controlling aflatoxin contamination using the aflatoxin production inhibitor are provided.

No. of Pages : 19 No. of Claims : 6

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

 (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 	:G06F21/00 :201110292865.6 :30/09/2011 :China :PCT/CN2012/080794 :30/08/2012 :WO 2013/044716	 (71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant :Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518044 China (72)Name of Inventor :
 (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 	:PC1/CN2012/080/94 :30/08/2012 :WO 2013/044716 :NA :NA :NA	China (72) Name of Inventor : 1) LI Rongjun

(54) Title of the invention : METHOD AND DEVICE FOR MULTIPLE ENGINE VIRUS KILLING

(57) Abstract :

A method device and system for multiple engine virus killing. The method comprises: receiving a requesting message for scanning a file to be scanned sending the information of the file to be scanned to multiple engines respectively for scanning receiving the scanning information returned by multiple engines respectively integrating the scanning information returned by the multiple engines determining the scanning result of the file to be scanned and sending the scanning result of the file to be scanned thereby making the killing process to supporting multiple engine killing also integrating the scanning result of multiple killing engines according to specific strategies utilizing characteristics of different killing engine sufficiently supporting every virus killing requirement and improving the veracity of virus killing and security of the system.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEMS METHODS AND FORMULATIONS FOR TREATING CANCER

(51) Internationalclassification(31) Priority Document No(32) Priority Date(33) Name of prioritycountry	:A01N43/54,A01N37/00,A61K31/19 :61/505393 :07/07/2011 :U.S.A.	 (71)Name of Applicant : 1)RESEARCH CANCER INSTITUTE OF AMERICA Address of Applicant :1680 E. Herndon Ave. #102 Fresno California 93720 U.S.A. (72)Name of Inventor : 1)NEZAMI MD Mohammad
(86) International Application No Filing Date	:PCT/US2012/045821 :06/07/2012	
(87) International Publication No	:WO 2013/006821	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and compositions for treating cancer is described using at least two epigenetic modifiers. In various embodiments hyperbaric oxygen therapy and glycolytic inhibition therapy are used as well.

No. of Pages : 31 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	·G06F3/01	(71)Name of Applicant .
(31) Priority Document No	:TO2011A000530	1)FONDAZIONE ISTITUTO ITALIANO DI
(32) Priority Date	:16/06/2011	TECNOLOGIA
(33) Name of priority country	:Italy	Address of Applicant : Via Morego 30 I 16163 Genova Italy
(86) International Application No	:PCT/IB2012/052972	(72)Name of Inventor :
Filing Date	:13/06/2012	1)GAUDINA Marco
(87) International Publication No	:WO 2012/172487	2)BROGNI Andrea
(61) Patent of Addition to Application	·NIA	3)MARGAN Alessio
Number	INA INA	4)CORDASCO Stefano
Filing Date	.NA	5)PANE Gianluca
(62) Divisional to Application Number	:NA	6)CALDWELL Darwin G.
Filing Date	:NA	

(54) Title of the invention : AN INTERFACE SYSTEM FOR MAN MACHINE INTERACTION

(57) Abstract :

An interface system (10) for man machine interaction comprising a sensor and actuator arrangement (12) wearable by or couplable to the body (B) of a user; and a management unit (14) provided for exchanging data with a control application resident on a remote processing system (PS) in such a way as to transmit data to the application indicative of the position and movements of the user in a physical environment and in such a way as to transmit sensations to the user in at least one point of the body of the user indicative of the interaction with an operating environment. The sensors and actuators are supported by a plurality of operating modules (16) facing on at least one communication channel through respective pairs of input and output communication ports. The operating modules are provided with interconnection devices (18) in such a way as to be assemblable to each other into a planar arrangement and/or a stacked arrangement.

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL FORMULATIONS AND METHODS FOR TREATING DERMATOLOGICAL DISORDERS OR DISEASES

 (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 	:A61K9/66 :61/500909 :24/06/2011 :U.S.A. :PCT/US2012/043493 :21/06/2012 :WO 2012/177840 :NA :NA :NA	 (71)Name of Applicant : 1)VAPOGENIX INC. Address of Applicant :4030 Case Street Houston TX 77005 U.S.A. (72)Name of Inventor : 1)SPAKEVICIUS Danguole
Filing Date	:NA	

(57) Abstract :

The present invention provides compositions and methods for treating a dermatological disorder or disease.

No. of Pages : 60 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : VALVE UNIT FOR FILLING ANGULAR TRANSPORT CHANNELS WITH MASS FLOW OF ROD LIKE ARTICLES

 (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 	:A24C5/35 :P395838 :02/08/2011 :Poland :PCT/PL2012/000061 :01/08/2012 :WO 2013/019131 :NA :NA :NA	 (71)Name of Applicant : 1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z O.O. Address of Applicant :ul. Warsztatowa 19 A 26 600 Radom Poland (72)Name of Inventor : 1)WARDECKI Wojciech
Filing Date	:NA	

(57) Abstract :

An angular channel (6) is disposed between principally horizontal upper (2) and lower (7 71) conveyors whereas along one side wall (9) of the channel (6) is disposed a guide (14) to which a first rotatable valve element (10) is slidably mounted. At the outlet of the channel (6) at the other opposite side wall (19) is stationary mounted together with a pneumatic actuator (22) a second rotatable valve element (20) which chronologically works together with the first element (10) whereas the first element (10) is attached to the guide (14) by means of a slider (13). The first valve element (10) has three operating positions whereas in the first position it is set principally horizontally at the inlet of the channel (6) and in the second position it is set slantwise preferably at an angle of 45° at the outlet of the channel (6) and in the third position it is set principally horizontally next to the channel (6). The second valve element (20) has two operating positions whereas in the first position it is set principally horizontally next to the channel (6). The second operating position is pushed with its end close to the end of the second element (20) set in the first position. A reciprocating motion of the slider (13) is provided by a motor (17) connected with the slider (13) by means of a pull rod (18). The valve elements (10 20) have the form of a solid having one circularly concave or flat working surface (11 21).

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

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ISOCYNATE-TERMINATED PREPOLYMER, THE METHOD FOR PREPARING THE SAME AND THE USE THEREOF

 (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 	:C08G 18/10 :2009101944.2 :24/08/2009 :China :PCT/EP2010/004891 :11/08/2010 :WO 2011/023291 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER MATERIALSCIENCE AG Address of Applicant :51368 LEVERKUSEN, GERMANY. (72)Name of Inventor : 1)JEN-CHIEH LIN 2)HOCHIEN KUNG 3)HONG ZHU
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(57) Abstract :

The present invention pertains to the field of polyurethane, especially relates to an isocyanate-terminated prepolymer, the method for preparing the same and the use thereof. The present invention adjusts the reaction components and the ratios thereof to obtain an isocyanate-terminated prepolymer suitable for preparing flexible polyurethane foam under a relative low mold temperature. The method for preparing flexible polyurethane foam by using the isocyanate-terminated prepolymer provided in this present invention can reduce the mold temperature, production time and energy consumption, as well as to obtain a polyurethane flexible foam processing good physical and mechanical properties.

No. of Pages : 27 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

 (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 	:A61M25/06 :61/511187 :25/07/2011 :U.S.A. :PCT/US2012/048039 :25/07/2012 :WO 2013/016373 :NA :NA :NA	 (71)Name of Applicant : 1)COVIDIEN LP Address of Applicant :15 Hampshire Street Mansfield MA 02048 U.S.A. (72)Name of Inventor : 1)WALKER Sandra 2)STEUBE Gregory A. 3)MARTZ Kevin R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : VASCULAR ACCESS ASSEMBLY AND SAFETY DEVICE

(57) Abstract :

A plurality of different vascular access assemblies are described which protect a clinician from accidental needle stick injury upon withdrawal of a needle from a catheter assembly. Each of the vascular access assemblies include a safety device for guarding the needle tip of the needle upon withdrawal of a needle from the catheter assembly.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADDITIVE COMPOSITIONS THAT IMPROVE THE STABILITY AND THE ENGINE PERFORMANCES OF DIESEL FUELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C10L1/14,C10L10/00,C10L10/04 :1156363 :12/07/2011 :France :PCT/EP2012/063532 :11/07/2012 :WO 2013/007738	 (71)Name of Applicant : 1)TOTAL MARKETING SERVICES Address of Applicant :24 Cours Michelet F 92800 Puteaux France (72)Name of Inventor : 1)TORT Frdric 2)VERMOREL Christian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to additive compositions that improve the stability and the engine performances of diesel fuels in particular diesel fuels of the off road type in accordance with the decree of 10 December 2010. The compositions according to the invention have in particular improved properties especially relative to the oxidation resistance the storage stability the thermal stability the reduction in the fouling of the injectors the reduction in the loss of power and the tendency of the filters to clog up. The additive compositions according to the invention comprise: a) at least one metal deactivator or chelating agent b) at least one antioxidant of hindered phenol (alkylphenol) type c) at least one dispersant and/or detergent d) at least one metal passivator.

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : USER INTERFACE FOR DRAWING WITH ELECTRONIC DEVICES

(51) International classification	:G06F3/0354,G06F3/0488,G06F3/041	(71)Name of Applicant : 1)MULTITOUCH OY
(31) Priority Document No	:NA	Address of Applicant : Henry Fordin katu 6 B FI 00150
(32) Priority Date	:NA	Helsinki Finland
(33) Name of priority country	:NA	(72)Name of Inventor : 1)FARSHI Oliver
(86) International Application No Filing Date	:PCT/FI2012/050538 :31/05/2012	2)ILMONEN Tommi
(87) International Publication No	:WO 2013/178867	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method apparatus and computer program for forming graphics in a drawing area based on user instructions. In response to addition or changing of a first graphical object an interaction zone is formed around the first graphical object for a given continuation period. It is detected if a second graphical object is drawn starting from the interaction zone during the continuation period and if yes the first graphical object is changed by merging the second graphical object with the first graphical object.

No. of Pages : 27 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A FLUX CORED WELDING WIRE THE METHOD FOR MANUFACTURING THE SAME AND USING OF THE SAME

(51) International classification	:B23K35/40,B23K35/02,B23K35/24	(71)Name of Applicant : 1)ILLINOIS TOOL WORKS INC.
(31) Priority Document No	:201110196187.3	Address of Applicant :3600 West Lake Avenue Glenview IL
(32) Priority Date	:13/07/2011	60026 U.S.A.
(33) Name of priority country	China :: China	(72)Name of Inventor :
(86) International	PCT/US2012/046200	1)CHEN Fuhu
Application No Filing Date	:12/07/2012	2)YAN Jie
(87) International Publication No	:WO 2013/009951	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a flux cored welding wire comprising a shell having a tubular cavity which accommodates flux. The shell is made of 400 series stainless steels. The deposited metal formed after the welding using the flux cored welding wire of the present invention has more uniform chemical compositions. Because the loss of chromium during the transition to the deposited metal is less than 0.1% recourses is saved and welding cost is reduced. The filling ratio of the flux cored welding wire of the present invention is 5% 25% (preferably 10% 20%). As a result not only the stability of the compositions in the flux is increased but also the disadvantages to the manufacture process caused by high filling ratio are avoided. The flux cored welding wire of the present invention will not be rusty even after it is exposed to the air for a long time. Therefore it has lower requirements for storage condition provides longer storage time and reduces manufacturing cost.

No. of Pages : 44 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DAMPER WITH INTEGRATED LIGHT AND SWITCH FOR A GLOVE COMPARTMENT DOOR

 (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 	:E05F 3/14 :10 2009 042 053.3 :08/09/2009 :Germany :PCT/US2010/047629 :02/09/2010 :WO 2011/031614 :NA :NA :NA	 (71)Name of Applicant : ILLINOIS TOOL WORKS INC. Address of Applicant :3600 WEST LAKE AVENUE, GLENVIEW, ILLINOIS 60026 UNITED STATES OF AMERICA. (72)Name of Inventor : ARNOLD, ERIK, MARIO KOC, JASMIN
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(57) Abstract :

The invention relates to a damper for damping a rotational or linear movement of a component, preferably a component moveably mounted in the passenger compartment of a motor vehicle, having a damper housing (12), characterized in that at least one illumination source (32) and/or at least one sensor, as well as an electrical connecting device (34) for connecting the illumination source or the sensor to an electrical supply, are integrated into the damper housing.

No. of Pages : 18 No. of Claims : 15

(22) Date of filing of Application :29/02/2012

(21) Application No.1827/DELNP/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADENOVIRAL-BASED VECTORS		
 (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 	:C12N 15/00 :61/230,617 :31/07/2009 :U.S.A. :PCT/US2010/043951 :30/07/2010 :WO 201/014794 :NA :NA :NA :NA	 (71)Name of Applicant : PAXVAX, INC. Address of Applicant :3985A SORRENTO VALLEY BOULEVARD, SAN DIEGO, CALIFORNIA 92121, UNITED STATES OF AMERICA (72)Name of Inventor : MAYALL, TIMOTHY, P. ALEXANDER, JEFF

(57) Abstract :

The present invention provides replication competent adenoviral vectors capable of expressing antigens from infectious pathogens, such as influenza virus. The adenoviral vectors can be used to vaccinate subjects against the infectious pathogens. The adenoviral vectors comprise heterologous sequences encoding the antigens. The heterologous sequences can be inserted into various locations in the adenoviral vectors, including in or near specific E3 deletions and/or integrated into the adenoviral hexon coding region. The adenoviral vectors can be derived from any adenoviral serotype, particularly an Ad4 or Ad7 serotype.

No. of Pages : 224 No. of Claims : 58

(21) Application No.198/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR THE PREPARATION OF ORGANIC FERTILIZERS HAVING A HIGH NUTRIENT CONCENTRATION AND ARRANGEMENT FOR CARRYING OUT SAID METHOD

(51) International classification	:C05F17/00,C05F17/02	(71)Name of Applicant :
(31) Priority Document No	:10 2011 105 812.9	I)WABIO IECHNOLOGIE GMBH
(32) Priority Date	:26/06/2011	Address of Applicant :Entwicklungszentrum Neukirchen
(33) Name of priority country	:Germany	Lauterbacher Strasse 32 08459 Neukirchen Germany
(86) International Application No	:PCT/IB2012/001651	(72)Name of Inventor :
Filing Date	:28/06/2012	1)AUERBACH Hans Joachim
(87) International Publication No	:WO 2013/001368	2)STOLLBERG Bernhard
(61) Patent of Addition to Application	·NA	
Number	.INA •NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preparing organic fertilizers having a high nutrient concentration by anaerobically pretreating (1) biogenic raw materials and/or waste products and then separating (3) the fermented residues (2) into a solid and a liquid phase recovering nutrients from the liquid phase (5) and feeding the nutrients to the solid phase (4) drying (6) the solid phase (4) and finally compacting (20) the dry matter. The invention also relates to an arrangement for carrying out said method wherein dissolved ammonium and dissolved hydrogen sulfide are removed from a liquid phase (5) in a desorber (7) the obtained gaseous nitrogen and sulfur compounds are dissolved in chilled sulfurous biological acid (9) in the downstream vapor scrubber (8) the scrubbing liquid (10) loaded with dissolved ammonium is discharged from the vapor scrubber (8) as a liquid nutrient concentrate (11) and is fed to the solid phase (4) from the solid liquid phase separation process (3) and the solid phase (4) of the fermented residues (2) is brought in contact with a hot air flow (12) in an evaporator (13).

No. of Pages : 24 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:A61N1/39	(71)Name of Applicant :
(31) Priority Document No	:61/530261	1)ZOLL MEDICAL CORPORATION
(32) Priority Date	:01/09/2011	Address of Applicant :269 Mill Road Chelmsford MA 01824
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/052896	(72)Name of Inventor :
Filing Date	:29/08/2012	1)VOLPE Shane S.
(87) International Publication No	:WO 2013/033238	2)KAIB Thomas E.
(61) Patent of Addition to Application	·NA	
Number	.11771 .NI A	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WEARABLE MONITORING AND TREATMENT DEVICE

(57) Abstract :

A wearable therapeutic device to facilitate care of a subject is provided. The wearable therapeutic device can include a garment having a sensing electrode. The garment includes at least one of an inductive element and a capacitive element and a controller identifies an inductance of the inductive element or a capacitance of the capacitive element and determines a confidence level of information received from the sensing electrode based on the inductance or the capacitance. The wearable therapeutic device also includes an alarm module coupled with the controller and configured to provide a notification to a subject based on the confidence level.

No. of Pages : 49 No. of Claims : 32

(21) Application No.286/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

(51) International classification	:C07D409/06,C07D417/06,C07D401/06	(71)Name of Applicant : 1)VIAMET PHARMACEUTICALS INC.
(31) Priority Document No	:61/500372	Address of Applicant :2250 Perimeter Park Drive Suite 320 Morrisville NC 27560 U.S.A.
(32) Priority Date	:23/06/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)HOEKSTRA William J. 2)SCHOTZINGER Robert J.
(86) International Application No Filing Date	:PCT/US2012/043292 :20/06/2012	
(87) International Publication No	:WO 2012/177725	
(61) Patent of Addition to	':NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 124 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :G06F 17/30 (71)Name of Applicant : (31) Priority Document No :9305780.0 1)AMADEUS S.A.S. (32) Priority Date Address of Applicant :485 ROUTE DU PIN MONTARD, :24/08/2009 (33) Name of priority country SOPHIA ANTIPOLIS, F-06410 BIOT (FR) France :EPO (86) International Application No :PCT/EP2010/062223 (72)Name of Inventor : Filing Date :23/08/2010 **1)FAUSER, DIETMAR** (87) International Publication No :WO 2011/023652 2)MAYER, JEREMY (61) Patent of Addition to Application 3)FLORIMOND, CEDRIC :NA Number 4)KOSSMANN, DONALD :NA Filing Date 5)ALONSO, GUSTAVO (62) Divisional to Application Number :NA **6)GIANNIKIS, GEORGIOS** Filing Date :NA 7)UNTERBRUNNER, PHILIPP

(54) Title of the invention : CONTINUOUS FULL SCAN DATA STORE TABLE AND DISTRIBUTED DATA STORE FEATURING PREDICTABLE ANSWER TIME FOR UNPREDICTABLE WORKLOAD

(57) Abstract :

A method for storing and retrieving data in a storage node of a data store and storage node of a data store, storing in main-memory at least one segment of a relational table is described. The storage node comprises at least one computational core running at least one scan thread each dedicated to the scanning of one of the at least one segment. The storage node is characterized in that the at least one scan thread uniquely, continuously and exhaustively scans the dedicated segment of the relational table. The storage node receives and processes batches of query and update operations for the at least one segment of the relational table. The query and update operations of a batch are re-indexed at beginning of each scan by the scan thread. Then, the indexed query and update operations of a batch are independently joined to data records of said segment that match with predicates of the indexed query and update operations so that the indexed query and update operations of a batch are progressively fulfilled whenever joined data records are retrieved by the scan thread while scanning said segment. This allows maximizing the sharing and access of data records in main- memory between query and update operations of a batch.

No. of Pages : 47 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR THREE DIMENSIONAL (3D) PROJECTION		
 (54) Title of the invention : METHOD AN (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 	ID SYSTEM FOR THRE :G03B 35/26 :61/241,842 :11/09/2009 :U.S.A. :PCT/US2010/002461 :10/09/2010 :WO 2011/031315 :NA :NA :NA	 EE DIMENSIONAL (3D) PROJECTION (71)Name of Applicant : THOMSON LICENSING Address of Applicant :1, RUE JEANNE D'ARC, ISSY-LES-MOULINEAUX 92443 (FR) France (72)Name of Inventor : REDMANN, WILLIAM, GIBBENS HUBER, MARK, J.
Filing Date	:NA	

(57) Abstract :

A method and system are described for projecting stereoscopic images using circularly polarized light with at least one polarizer for limiting the amount of light or radiant energy reaching a projection lens system and associated optical elements, and system configurations are discussed with respect to desired performance characteristics.

No. of Pages : 27 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYARAMID COMPRISING FLUOROVINYLETHER FUNCTIONALIZED AROMATIC MOIETIES

 (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 	:C08G 69/40 :61/239,099 :02/09/2009 :U.S.A. :PCT/US2010/047514 :01/09/2010 :WO 2011/028791 :NA :NA :NA	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A. (72)Name of Inventor : 1)DRYSDALE, NEVILLE, EVERTON 2)MOLOY, KENNETH G. 3)NEDERBERG, FREDRIK 4)POLLINO, JOEL M. 5)RITTER, JOACHIM, C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is directed to polyaramid polymers, comprising repeat units of the condensation product of a fluorovinylether functionalized aromatic diacid chloride and an aromatic diamine, and methods to make said polyaramid polymers. The polymers of this invention are useful as high strength fibers or solution cast films with reduced surface susceptibility to oil.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PREVENTING PLUGGING OF A CONTINUOUS-REACTION CHANNEL-SYSTEM AND MICRO-REACTOR FOR CARRYING OUT THE METHOD

(57) Abstract :

A method for preventing plugging of a continuous-reaction channel-system caused by a by-product of a continuous-reaction being carried out in said channel-system comprises the step of generating at least one ultrasonic wave travelling through said channel-system by coupling in a flow direction of at least one process fluid of a plurality of process fluids said at least one ultrasonic wave into said at least one process fluid.

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR TREATMENT OF INCONTINENCE ASSOCIATED WITH SEXUAL ACTIVITY

 (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 	:A61K38/48,A61P13/00 :61/507686 :14/07/2011 :U.S.A. :PCT/US2012/046720 :13/07/2012 :WO 2013/010100	 (71)Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor : 1)BRIN Mitchell F.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention provides compositions and methods for treating incontinence associated with sexual activity.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPELLER FOR CENTRIFUGAL FOOD CUTTING APPARATUS AND CENTRIFUGAL FOOD CUTTING APPARATUS COMPRISING SAME

(51) International classification(31) Priority Document No(22) Priority Data	:B26D1/36,B26D7/00,B26D7/26 :61/540291	(71)Name of Applicant : 1)FAM Address of Applicant (Neervald 2 D 2550 Kentich Belgium
(32) Priority Date(33) Name of priority country(86) International Application No.	:28/09/2011 :U.S.A. p:PCT/FP2012/069297	(72)Name of Inventor : 1)BUCKS Brent I
(60) International Application 14 Filing Date(87) International Publication No	:28/09/2012 :WO 2013/045685	i)boeks bien L.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Impeller for a centrifugal food cutting apparatus comprising a base plate and at least one set of paddle parts mounted on the base plate and provided for imparting centrifugal force to food products to be cut. Each set comprises inner and outer paddle parts defining at least a first stage and a second cutting stage the inner and outer paddle parts being offset from each other in radial and angular direction of the impeller such that a safe compartment is defined for food product which is in the second stage.

No. of Pages : 33 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HERBICIDE GRANULES WITH BUILT IN ADJUVANT

 (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 	:A01N43/90,A01N37/00 :61/499887 :22/06/2011 :U.S.A. :PCT/US2012/043514 :21/06/2012 :WO 2012/177851 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor : 1)DAVE Hiteshkumar 2)LIU Lei 3)OUSE David G. 4)MANN Richard K. 5)BOUCHER Raymond E. 6)SHATLEY Deborah G. 7)OGAWA Toshiya 8)HAACK Alan E.
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(57) Abstract :

Provided herein are herbicide granules containing non petroleum derived built in adjuvant.

No. of Pages : 20 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SPRING UNIT AND SLIDE MECHANISM :F16F1/22,F16F3/02,H04M1/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MITSUBISHI STEEL MFG. CO. LTD. :2011152778 (32) Priority Date :11/07/2011 Address of Applicant :2 22 Harumi 3 chome Chuo ku Tokyo (33) Name of priority country :Japan 1048550 Japan (86) International Application No :PCT/JP2012/067700 (72)Name of Inventor : :11/07/2012 Filing Date 1)KATSUTA Tetsuva (87) International Publication No :WO 2013/008847 2)MITSUI Yasuhiro (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention relates to a spring unit having a spring constant which can be easily changed. The spring unit has wire springs having: bent sections formed by bending at the center portions of the wire materials; extended sections extended from the bent sections; and end sections provided at the front ends of the extended sections. The wire springs are arranged side by side and displaced sections which are deformed so as to be displaced in the direction in which the wire springs are arranged side by side are formed at extended sections.

No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:B66F9/06,B66F7/02	(71)Name of Applicant :
(31) Priority Document No	:61/497131	1)WAHOO INNOVATIONS INC.
(32) Priority Date	:15/06/2011	Address of Applicant :4098 East Prince Road Farmville North
(33) Name of priority country	:U.S.A.	Carolina 27828 U.S.A.
(86) International Application No	:PCT/US2012/042447	(72)Name of Inventor :
Filing Date	:14/06/2012	1)NOBLES Robert Lee
(87) International Publication No	:WO 2012/174233	
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POLE LIFTING AND SETTING DEVICE

(57) Abstract :

The invention provides a pole lifting apparatus. The pole lifting apparatus including a base section having a base plate; one or more mast sections connected to the base section and extendable in an axial manner therewith wherein an uppermost mast section of the one or more mast sections comprises a pulley mounted at its uppermost end; and a hoist secured to the base section and having a wire rope operably associated with the one or more mast sections and pulley for use in a pole lifting operation.

No. of Pages : 33 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CHROMATE FREE PRECOATED METAL SHEET WITH METALLIC APPEARANCE AND WATER BASED COATING COMPOSITION FOR USE IN MANUFACTURING SAME

 (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 	:B05D7/14,B05D5/06,C09C1/64 :2011239362 :31/10/2011 :Japan o:PCT/JP2012/066732 :29/06/2012 :WO 2013/065354 :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan 2)NIPPON FINE COATINGS Inc. (72)Name of Inventor : 1)MORISHITA Atsushi 2)HAYASHI Kimitaka 3)FUDA Masahiro
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)FUDA Masahiro 4)KIMATA Yoshio 5)UEDA Kohei 6)TOSHIN Kunihiko 7)WADA Yuusuke 8)OKUMURA Kouji

(57) Abstract :

This chromate free precoated metal sheet bears a coating film (a) on at least one surface of a metal sheet said coating film (a) comprising an organic resin (A) as the film forming component and a surface inactivated flake shaped aluminum pigment (C). The thickness of the coating film (a) is 2 to 10μ m.

No. of Pages : 76 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CUTTING HEAD ASSEMBLY FOR CENTRIFUGAL CUTTING APPARATUS AND CENTRIFUGAL APPARATUS EQUIPPED WITH SAME

(51) International classification(31) Priority Document No(32) Priority Date	:B26D1/36,B26D7/00,B26D7/06 :61/540246 :28/09/2011	 (71)Name of Applicant : 1)FAM Address of Applicant :Neerveld 2 B 2550 Kontich Belgium
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No:PCT/EP2012/069296		1)BUCKS Brent L.
Filing Date	:28/09/2012	
(87) International Publication No :WO 2013/045684		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Cutting head assembly for a centrifugal cutting apparatus comprising a plurality of drum stations at least one of which is a cutting station provided for together forming a drum and fixing parts provided for assembling and holding the drum stations together. The drum stations have overlapping parts with each time at least one receiving part for receiving one of the fixing parts such that in assembled condition the adjacent drum stations are each time fixed to each other by means of at least one of the fixing parts at the overlapping parts of the adjacent drum stations.

No. of Pages : 31 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(51) International classification (31) Priority Document No:H01R13/42,H01R43/00 :2011237640(71)Name of Applicant : 1)SUMITOMO WIRING SYSTEMS LTD.	(54) Title of the invention : CONNECTOR			
 (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) International Application No (36) International Publication No (37) International Publication No (38) Name of Inventor : (39) International Publication No (39) International Publication No (30) International Publication Number (37) Name of Inventor : (37) Name of Inventor : (38) International Publication No (39) International Publication No (30) International Publication Number (31) NA (32) International Publication Number (33) Name of Inventor : (34) International Publication Number (36) Divisional to Application Number (37) Name of Inventor : (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) NA (32) International Publication Number (32) International Publication Number (33) NA (34) International Publication Number (35) International Publication Number (36) International Publication Number (36) International Publication Number (36) International Publication Number (36) International Publication Number ((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 Elling Date 	:H01R13/42,H01R43/00 :2011237640 :28/10/2011 :Japan :PCT/JP2012/063621 :28/05/2012 :WO 2013/061643 :NA :NA :NA	 (71)Name of Applicant : 1)SUMITOMO WIRING SYSTEMS LTD. Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi Mie 5108503 Japan (72)Name of Inventor : 1)SAITOU Takahiko 2)FUKATSU Yukihiro 	

(57) Abstract :

A connector is configured so that the structure of a housing is not complex. A connector (A) is provided with: a housing (10) having a terminal housing chamber (11) formed therein; a terminal fitting (20) inserted into the terminal housing chamber (11); a lance (14) capable of being engaged with and retained by the terminal fitting (20) within the terminal housing chamber (11); a front retainer (30); a die removal space (19) for forming the lance (14) using a die; and a detection hole (35) which is formed in the front retainer (30) permits a probe (P) to be inserted therein from the front and connects to the terminal housing chamber (11) through the die removal space (19).

No. of Pages : 49 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COLD ROLLED STEEL SHEET

(57) Abstract :

This high tensile strength cold rolled steel sheet which has superior rolling properties work hardening properties and stretch flanging properties and has a tensile strength of at least 780 MPa has: a chemical composition containing by mass% 0.020 0.30% exclusive of C over 0.10% and no greater than 3.00% of Si and over 1.00% and no greater than 3.50% of Mn; and a metal structure of which the primary phase is a phase formed by a low temperature transformation and the second phase contains residual austenite. The residual austenite has a volume ratio with respect to the overall structure of 4.0 25.0% exclusive and an average grain size of less than 0.80 μ m and of the residual austenite the numerical density of residual austenite grains having a grain size of at least 1.2 μ m is no greater than 3.0—10 grains/ μ m.

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRANSFERRING A CONFERENCE SESSION BETWEEN CONFERENCE SERVERS DUE TO FAILURE

 (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 	:H04L12/18,H04L29/06,H04N7/15 :NA :NA :PCT/US2011/045143 :25/07/2011 :WO 2013/015777 :NA	 (71)Name of Applicant : 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor : 1)SYRETT Mark 2)HUVE Frederic 3)MANVI Sanjeeva
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Commands relating to a conference session being handled by a first conference server are logged where the commands are exchanged between an application server and the first conference server. Failure of the first conference server is detected. In response to detecting the failure the logged commands are used to transfer the conference session to a second conference server.

No. of Pages : 21 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRAIN CONTROL SYSTEM			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) International Publication 	:B61L3/12,B60L15/40,B61L23/14 :2011218254 :30/09/2011 :Japan :PCT/JP2012/074285 :21/09/2012	 (71)Name of Applicant : 1)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan (72)Name of Inventor : 1)MYOKEI Kenichi 	
No	:WO 2013/047389		
(61) Patent of Addition to Application Number Filing Date	:NA :NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

This train control system comprises: an on board device (3) installed on a train (2) that travels on a predetermined track; an on board wireless device (4) that transmits/receives information of the on board device (3); wayside wireless devices (5) provided at predetermined positions on the ground; and ground devices (6) installed in respective management zones that have been set for the track each ground device (6) being connected to the wayside wireless device (5) belonging to each said management zone such that transmission/reception can be performed therebetween. If the ground device (6) cannot transmit/receive information to/from another ground device (6) then said ground device (6) determines that the other ground device (6) has failed and in order to prevent the train (2) from entering the management zone of the failed ground device (6) said ground device (6) calculates the travelable distance up to the management zone of the failed ground device (6) and transmits the travelable distance to the on board device (3) via the wayside wireless device (5) and the on board wireless device (4).

No. of Pages : 18 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HEAD MODULE LARGE SCALE CONTAINER AND METHOD FOR MANUFACTURING THE BOTH

 (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 	:B65D88/06,B65D90/54,E04G21/14 :201110306772.4 :11/10/2011 'China ¹ :PCT/CN2012/082457 :29/09/2012 :WO 2013/053300 :NA :NA	 (71)Name of Applicant : STATE NUCLEAR POWER TECHNOLOGY CORPORATION LTD. Address of Applicant :No.1 Building No.29 Middle Road North Third Ring Xicheng District Beijing 100029 China 2)SHANDONG NUCLEAR POWER EQUIPMENT MANUFACTURING CO. LTD. (72)Name of Inventor : LI Jun WANG Guobiao YANG Zhongwei YAN Guizhen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A head module (100) for a large scale container a large scale container with the head module a method for manufacturing the head module and a method for manufacturing the large scale container. The method for manufacturing the head module comprises the following steps: providing a head (101) having an annular opening the head being formed of a plurality of petal sheets (102); providing a plurality of barrel plates (106); sequentially connecting each barrel plate to the end surface of the annular opening of the head connecting opposite side surfaces of all adjacent barrel plates to form a head barrel ring (107) adjusting the gap between adjacent barrel plates on the basis of the staggering change amount of petal sheets at the annular opening of the head and/or adjusting the position of a barrel plate on the end surface of the annular opening of the head radially inward or radially outward.

No. of Pages : 29 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : GEL ELECTROPHORESIS, IMAGING, AND ANALYSIS METHODS, DEVICES, SYSTEMS, AND MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01N 27/447 :61/236,293 :24/08/2009 :U.S.A. :PCT/US2010/046491 :24/08/2010	 (71)Name of Applicant : 1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :5781 VAN ALLEN WAY, CARLSBAD, CALIFORNIA 92008 UNITED STATRES OF AMERICA U.S.A. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/025781 :NA :NA :NA :NA	1)UPDYKE, TIMOTHY, VALE 2)PREDKI, PAUL 3)GONZALEZ, EVANGELINE 4)LOWE, RANDALL 5)SIMONS, TAD, DECATUR

(57) Abstract :

The present teachings provide methods, devices, systems, and materials for performing electrophoresis in an automated fashion. The electrophoresis system may simultaneously image gel during an electrophoresis run. In some embodiments, the electrophoresis system may analyze an imaged gel during or after electrophoresis. The device may comprise a gel processing system, a gel illumination system, an image capture system, and an image analysis all housed within a housing.

No. of Pages : 56 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:C12N1/20	(71)Name of Applicant :
(31) Priority Document No	:61/571564	1)INEOS BIO SA
(32) Priority Date	:30/06/2011	Address of Applicant : Avenue des Uttins 3 CH 1180 Rolle
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/040327	(72)Name of Inventor :
Filing Date	:31/05/2012	1)BELL Peter Simpson
(87) International Publication No	:WO 2013/002949	2)KO Ching Whan
(61) Patent of Addition to Application	·NI A	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR FERMENTATION OF SYNGAS

(57) Abstract :

A process for fermenting syngas is provided which is effective for decreasing an amount of time needed to inoculate a main reactor. The process includes propagating a culture of acetogenic bacteria to provide an incoulum for a main reactor and fermenting syngas in the main reactor.

No. of Pages : 21 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADHESION PROMOTERS AND GEL MODIFIERS FOR OLEFIN METATHESIS COMPOSITIONS

(51) International classification	:C08L45/00,C08L65/00,C08K5/16	(71)Name of Applicant :
(31) Priority Document No	:61/498528	1)MATERIA INC.
(32) Priority Date	:17/06/2011	Address of Applicant :60 North San Gabriel Boulevard
(33) Name of priority country	:U.S.A.	Pasadena CA 91107 U.S.A.
(86) International Application	DCT/US2012/042850	(72)Name of Inventor :
No	.FC1/052012/042830	1)WANG Li sheng
Filing Date	.17/00/2012	2)STEPHEN Anthony R.
(87) International Publication	·WO 2012/17/502	3)BOOTHE Paul W.
No	. WO 2012/174302	4)SCHULZE Tessa
(61) Patent of Addition to	·NIA	5)GIARDELLO Michael A.
Application Number	·NA	6)TRIMMER Mark S.
Filing Date	.IVA	7)CRUCE Christopher J.
(62) Divisional to Application	·NIA	8)MOTAMEDI Farshad J.
Number	·NA	9)EDGECOMBE Brian
Filing Date	.11/2	

(57) Abstract :

This invention relates to compositions and methods for improving the adhesion of resin compositions to substrate materials pre treating substrate materials to improve the adhesion of resin compositions to the substrate materials and/or controlling gel formation of resin compositions. More particularly the invention relates to compositions and methods for improving the adhesion of ring opening metathesis polymerization (ROMP) compositions to substrate materials using adhesion promoters containing isocyariate groups in a resin composition. The invention also relates to methods for improving the adhesion of resin compositions to substrate materials by pre treating substrate materials with adhesion promoters containing isocyanate groups. The invention further relates to a method of providing a gel modified ROMP composition in which a hydroperoxide is added to a ROMP polymerizable resin composition in order to control gel formation of the polymerizing resin. An improved ROMP composition is further disclosed comprising a cyclic olefin a ROMP metathesis catalyst an adhesion promoter and an added hydroperoxide gel modifier. The polymer products produced via ROMP reactions of the invention may be utilized for a wide range of materials and composite applications. The invention has utility in the fields of catalysis organic synthesis and polymer and materials chemistry and manufacture.

No. of Pages : 131 No. of Claims : 83
(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

 (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 	:A61M5/00 :61/541581 :30/09/2011 :U.S.A. :PCT/US2012/056305 :20/09/2012 :WO 2013/048866 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE S.A.S. Address of Applicant :rue Aristide Berges F 38800 Le Pont de Claix France (72)Name of Inventor : 1)HILLIARD Christopher Todd
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(54) Title of the invention : ATTACHABLE PLUNGER ROD AND ASSOCIATED PACKAGING

(57) Abstract :

A syringe assembly including a plunger rod (14) separate and detached from a syringe barrel (12) and a packaging member the plunger rod having a sealing member and the packaging member having a first compartment (96) and a second compartment (98) is disclosed. With the syringe barrel (12) received within the first compartment (96) and the plunger rod (14) received within the second compartment (98) the sealing member (66) of the plunger rod seals the syringe barrel and the plunger rod (14) within the packaging member. In this manner the syringe assembly is placed in the packaging member in a manner that allows for reduced storage space of the syringe assembly. In one embodiment the syringe barrel the engagement portion connected to the plunger rod and a stopper slidably disposed within the interior of the syringe barrel the engagement portion operable to secure the plunger rod to the stopper. In this manner upon removal of the plunger rod and the syringe barrel from the packaging member the plunger rod can quickly and easily be secured to the syringe barrel via the stopper for collecting a fluid and/or delivering a fluid.

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STARTER CIRCUIT OF A MOTOR VEHICLE COMPRISING A DEVICE FOR STEPPING UP THE BATTERY VOLTAGE AND STARTER PROVIDED THEREWITH

(51) International classification(31) Priority Document No(32) Priority Date	:F02N11/08,H01F38/00,H02P1/04 :1156923 :28/07/2011	 (71)Name of Applicant : 1)VALEO EQUIPEMENTS ELECTRIQUES MOTEUR Address of Applicant :2 rue Andr Boulle F 94046 Creteil
(33) Name of priority country(86) International ApplicationNoFiling Date	:France :PCT/FR2012/051568 :05/07/2012	Cedex France (72)Name of Inventor : 1)LABBE Nicolas 2)MATT Jean Claude
(87) International Publication No	:WO 2013/014352	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a starter circuit that comprises a combination of a starter and a device for stepping up the battery voltage. The device for stepping up the battery voltage makes it possible to prevent a drop in the battery voltage caused by a surge of current occurring in a power circuit of the starter when the latter is powered on. The starter conventionally includes an electric motor and an electromagnetic contactor. According to the invention the device for stepping up the battery voltage comprises an inductive filtering device that includes a magnetic circuit consisting of a housing made of a magnetic material and comprising a cylindrical head two closing parts and an axial core around which a primary winding circuit which is to be inserted in series onto the power circuit and a short circuited secondary winding circuit are arranged said axial core having at least one air gap.

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 00496	1)LINAK A/S
(32) Priority Date	:01/07/2011	Address of Applicant :Smedevinget 8 Guderup DK 6430
(33) Name of priority country	:Denmark	Nordborg Denmark
(86) International Application No	:PCT/DK2012/000078	(72)Name of Inventor :
Filing Date	:02/07/2012	1)BASTHOLM Jeppe Christian
(87) International Publication No	:WO 2013/004232	
(61) Patent of Addition to Application	·NI A	
Number	.INA ·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POWER SUPPLY WITH OUTPUT RECTIFIER

(57) Abstract :

The present invention relates to a power converter for converting power from a first voltage level at an input terminal to a second voltage level across an first and second output terminals the power converter comprising a first inductor with one end connected to the input terminal and another end connected to a point with a switched voltage level a first switch element with a first terminal connected to the point and a second terminal connected to ground and a second switch element connected in series with a capacitor through a first terminal and a second terminal of the second switch element being connected to the point and the capacitor being terminated to ground the first switch element is arranged for being operated with a first duty cycle (D) and wherein the second switch element is arranged for being operated with a first duty cycle (D) and wherein the second switch element is arranged to operated such that their conducting periods are complementary wherein the switched voltage level at the point comprises of a first pulse generated when the first switch element conducts and a second pulse generated when the second switch element conducts. A magnetic coupled circuit arranged to transform the switched voltage at the midpoint through a primary inductor to a secondary inductor a first end of the second arranged to rectify the second pulse and a series connected output capacitor with a common point being connected between the first and second output terminals the output of the second end of the secondary inductor being connected to the second output terminals the output of the second end of the second arranged to the second output terminals the output of the second end of the secondary inductor being connected to the common point.

No. of Pages : 31 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENGINE EXHAUST PURIFICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:F01N3/023,B01D53/86,B01D53/94 :2012010432 :20/01/2012 :Japan PCT/JP2012/074876 :27/09/2012 :WO 2013/108439 :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor : 1)TAKAYANAGI Ko 2)OKUDA Keisuke 3)SASE Ryo
Number Filing Date	:NA :NA	

(57) Abstract :

An exhaust purification system for an engine (2) configured such that the PM deposition state of a DPF (34) is ranked into multiple evaluation stages on the basis of multiple evaluation indicators with an assessment of the current evaluation stage by a current stage assessment means (52a) and a consideration regarding increasing the rank of the current evaluation stage by an evaluation stage assessment means (52b) being performed repeatedly. When an error detection means (52d) detects various sensor errors the current evaluation stage is reassessed by a current stage reassessment means (52c) in addition to the assessment of the current evaluation stage by the current stage assessment means (52a).

No. of Pages : 38 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENGINEERED PLANT BIOMASS FOR BIODIESEL AND BIOETHANOL PRODUCTION

 (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 	:C07H21/04,C12N15/82 :61/529532 :31/08/2011 :U.S.A. :PCT/US2012/053099 :30/08/2012 :WO 2013/033369 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TYTON BIOSCIENCES Address of Applicant :119 Sibley Avenue Ardmore PA 19003 U.S.A. (72)Name of Inventor : 1)BORYSYUK Mykola 2)POGREBNYAK Natalia 3)ANDRIANOV Vyacheslav 4)KOSTENYUK Igor
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(57) Abstract :

The disclosure encompassed herein relates in part to a method for increasing energy density of plant biomass that can be used for production of renewable fuel such as biodiesel oil and/or ethanol. In an aspect genetic engineering for enhanced sugar accumulation can be achieved by overexpressing a bacterial enzyme sucrose isomerase. Sugars or oils extracted from the plants of the disclosure encompassed herein may be used for industrial purposes such as heating producing bio fuels such as biodiesel fuel or lubricating applications.

No. of Pages : 62 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVEMENTS IN SECURITY DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B42D15/00,B42D15/10,B41M3/14 :1113323.8 :02/08/2011 :U.K. :PCT/GB2012/051844 :30/07/2012	 (71)Name of Applicant : 1)DE LA RUE INTERNATIONAL LIMITED Address of Applicant :De La Rue House Jays Close Basingstoke Hampshire RG22 4BS U.K. (72)Name of Inventor : 1)LISTER Adam 2)SNELLING James Peter
(87) International Publication No	:WO 2013/017865	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to improvements in security devices that can be used in various authenticating or security applications and in particular to an optically variable security device which can be viewed under low light conditions. The security device comprises a light deflection structure having a first side and a second opposing side. A colourshifting layer is applied to the first side of the light deflection structure and a reflection layer is applied to at least a first region of the second side of the light deflection structure so as to provide a strong reflection in a direction substantially parallel to the incident light source when the direction of the incident light is at an angle away from the normal to the security device. The security device has at least one second region in which the reflection layer is absent said first and second regions defining indicia.

No. of Pages : 33 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREEMPTIVE SETPOINT PRESSURE OFFSET FOR FLOW DIVERSION IN DRILLING OPERATIONS

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (86) International Publication No (87) International Publication No 	 (71)Name of Applicant : (71)Name of Applicant : (71)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston TX 77072 U.S.A. (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of S. 	<u> </u>
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(57) Abstract :

A method of controlling pressure in a well can include transmitting an instruction to change flow through an annulus formed radially between a drill string and a wellbore and adjusting a pressure setpoint in response to the transmitting. A well drilling system can include a flow control device which varies flow through a drill string and a control system which changes a pressure setpoint in response to an instruction for the flow control device to change the flow through the drill string. A method of controlling pressure in a well can include transmitting an instruction to divert flow from a drill string and adjusting a pressure setpoint in response to the transmitting.

No. of Pages : 42 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONSTRUCTION OF PIPES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F16L1/038,F16L9/14,F16L11/04 :2010904841 :29/10/2010 :Australia :PCT/AU2011/001401 :31/10/2011 :WO 2012/054992	 (71)Name of Applicant : 1)LONG PIPES PTY LTD Address of Applicant :18 Castellon Crescent Coogee Beach Western Australia 6166 Australia (72)Name of Inventor : 1)GRAHAM Neil Deryck Bray
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

An elongate hollow structure such as a pipe (10) and a method of constructing such an elongate hollow structure. The pipe (10) comprises a radially inner portion (11) and a radially outer portion (13) with the two portions (11 13) merging together to provide an integrated tubular wall structure. The method comprising: providing the radially inner portion (11) in the form of an inner tube (21) and assembling the radially outer portion (13) about the inner tube (21). The outer portion (13) comprises an outer tube (30) of fibre reinforced composite construction surrounded by a flexible outer casing (31). The inner tube (21) is expanded to give form and shape to the outer portion (13).

No. of Pages : 78 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STRUCTURAL ARRANGEMENT FOR A REFRIGERATOR WITH OPENING LOCKING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:F25D29/00,F25D23/02,E05B47/00 :MU 91022150 :24/11/2011 :Brazil :PCT/BR2012/000006	 (71)Name of Applicant : 1)DA SILVA Edilberto Ac;cio Address of Applicant :Av Presidente Vargas 1071 Alto da Boa Vista 14020 260 Ribeir£o Preto Brazil (72)Name of Inventor : 1)DA SILVA Edilberto Ac;cio
Filing Date	:12/01/2012	
(87) International Publication No	:WO 2013/075183	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present utility model is directed to a structural arrangement for a refrigerator having a blocking device, pertaining to the technical field of 10 refrigerators in general, said device preventing the refrigerator from being opened by anyone around. The present refrigerator comprises a parallelepipedal body (1) provided with two doors (2; 2) and a blocking device (3) comprised of two bodies (4 and 5), the body 15 (4) that is disposed on the door (2) being provided with a locking member (6) such as a coding system that actuates a pin (7) inserted into a hole (8) in said body (5) positioned on the side of the refrigerator (1).

No. of Pages : 28 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DRUG DELIVERY DEVICES AND RELATED SYSTEMS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) (06/2010 (30)	 (71)Name of Applicant : 1)FRESENIUS MEDICAL CARE HOLDINGS, INC. Address of Applicant :920 WINTER ST., WALTHAM, MASSACHUSETTS 02451-1457, UNITED STATES OF 547 AMERICA (72)Name of Inventor : 1)MICHAEL JAMES BEIRIGER 2)RYAN KAINTZ 3)JOHN A. BARRON, III
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(57) Abstract :

A drug delivery device, comprising: a drug vial holder comprising an upper member and a lower member, the upper and lower members being configured to receive a drug vial therebetween; and a mechanism configured to move at least one of the upper and lower members relative to the other of the upper and lower members such that, when a drug vial is disposed between the upper and lower members and the at least one of the upper and lower members is moved toward the other, the drug vial is compressed between the -upper and lower members.

No. of Pages : 115 No. of Claims : 17

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOLDED PART

(51) Internetional alegaitication	.DODE2/00 DODE2/10 DODE5/00	(71)Name of Amiliant
(51) International classification	:B22F3/02,B22F3/12,B22F5/06	(/1)Name of Applicant :
(31) Priority Document No	:GM 412/2011	1)PLANSEE SE
(32) Priority Date	:21/07/2011	Address of Applicant : A 6600 Reutte Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/AT2012/000191	1)BRANDNER Marco
Filing Date	:18/07/2012	2)HIRSCH Oliver
(87) International Publication No	:WO 2013/010198	3)KRAUSSLER Wolfgang
(61) Patent of Addition to	:NA	4)LEITER Thomas
Application Number	NA	
Filing Date		
(62) Divisional to Application	·NIA	
Number		
Filing Date	INA	

(57) Abstract :

The invention relates to a powder metallurgical molded part having a disk or plate shaped main part (1) and a plurality of knob and/or ridge shaped elevations (2) which are adjacent to one another in a row direction (11) and thus form a row and which have a height (h1 h2) perpendicular to the base plane of the main part (1) each elevation having a cross section with two lateral flanks. The lateral flanks lead from an elevation (2) end contour (3) which is arranged externally in the height direction (8) into curved sections with a curve radius via rounded corner sections. The curve radius transitions into the surface contour (7) of the main part (1) and a straight flank section of the lateral flank or a lateral flank tangent that lies at the point where the rounded corner section transitions into the curved section is arranged at an inclination angle (a1 a1; a2 a2) relative to the main part (1) the at least two different inclination angles (a1 a1; a2 a2) are present on the same face (9 10) of the main part (1) the at least two different inclination angles (a1 a1; a2 a2).

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED HYDROPROCESSING OF BIORENEWABLE FEEDSTOCKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C10G65/04,C10G3/00,C10G75/04 :61/512050 :27/07/2011 :U.S.A. :PCT/US2012/047789 :23/07/2012 :WO 2013/016256	 (71)Name of Applicant : 1)THE LUBRIZOL CORPORATION Address of Applicant :29400 Lakeland Blvd. Wickliffe OH 44092 2298 U.S.A. (72)Name of Inventor : 1)CHANG Zen Yu 2)ROBERTS C. David
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

The present invention provides an improved process for producing diesel boiling range fuel or fuel blending component from renewable feedstocks such as plant oils and greases. The improvement involved the addition of an organic polysulfide to the renewable feedstock before it enters the pre reaction heating unit of the process resulting in reduced fouling in the pre reaction heating unit. The invention also provides the use of such organic polysulfide in renewable feedstocks used in hydroprocessing equipment for reducing fouling in the pre reaction heating units of such processes.

No. of Pages : 26 No. of Claims : 16

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICE AND METHOD FOR REAL TIME COUGH SOOTHING AND SUPPRESSION

 (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 	:A61F13/53,A61J1/00 :213777 :26/06/2011 :Israel :PCT/IL2012/000257 :25/06/2012 :WO 2013/001523 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AHARONI Dan Address of Applicant :Gonen St. 18/2 67943 Tel Aviv Israel (72)Name of Inventor : 1)AHARONI Dan
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(57) Abstract :

A real time cough soothing and suppression device (10) formed as an elongated cylindrical object or semi elliptic small pouch. It is preferably made of cloth or Lyocell synthetic fiber stitched to form a space (12) that is preferably filled up with polyester fibers (18). Said fibers may be soaked by liquids such as antiseptic solutions medical lotions or breath cooling and pain relieving liquids such as Eucalyptus or Menthol.

No. of Pages : 42 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTRODUCTION OR WITHDRAWAL OF AN ELONGATE MEMBER TO OR FROM A BODY

 (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 	:B63B9/00,B63G3/00,B63H23/34 :1118378.7 :25/10/2011 :U.K. :PCT/GB2012/052590 :19/10/2012 :WO 2013/061034 :NA :NA	 (71)Name of Applicant : 1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K. (72)Name of Inventor : 1)WATSON Tobias Jonathan 2)HEATON Leigh Francis 3)BAIN Fraser Angus 4)FRASER Steven Martin 5)BLAIR Graham David 6)HALLEY Boyd
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)BLAIR Graham David 6)HALLEY Boyd
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of moving an elongate member(12) along a predetermined axis (A A) for the introduction or withdrawal thereof to or from a free body (11). The method includes providing an elongate guide surface (18) extending parallel to the predetermined axis and also providing a plurality of support elements (26) which are slidable on the support surface in a direction parallel to the predetermined axis. The elongate member is supported on the support elements so that at least a major portion of the mass is supported. The elongate member and the support elements are moved along the predetermined axis. Apparatus for moving an elongate member in this manner is also provided.

No. of Pages : 19 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PUMP, IN PARTICULAR HIGH PRESSURE FUEL PUMP FOR A FUEL INJECTION DEVICE

(51) International classification	:F02M59/36	(71)Name of Applicant :
(31) Priority Document No	:102012221611.1	1)ROBERT BOSCH GMBH
(32) Priority Date	:27/11/2012	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MORLOK, JOERG
(87) International Publication No	: NA	2)ARGAUER, VANJA
(61) Patent of Addition to Application Number	:NA	3)ALEKER, JOCHEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The pump comprises a first housing part (10), in which a pump piston (14) is guided in a cylinder bore (12), which limits a pump working chamber (16) in the first housing part (10). The pump working chamber (16) is connected with a low pressure inlet (34) and a high pressure outlet (38). The first housing part (10) is disposed in a receiver (46) of a support element (47). The pump has a second housing part (60), which engages the cylinder bore (12) at the first housing part (10) in the direction of the longitudinal axis (13), and the second housing part (60) is fastened on the support element (47) by at least one fastening element (74), wherein the first housing part (10) is held on the support element (47) by the second housing part (60).

No. of Pages : 11 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOLDING DIE AND MOLDING METHOD

(51) International classification	:B29C45/00,B29C45/26,B29K105/04	(71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	:2011256184	Address of Applicant :300 Takatsuka Cho Minami Ku
(32) Priority Date	:24/11/2011	Hamamatsu Shi Shizuoka 4328611 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)EGAWA Takahisa
(86) International Application No Filing Date	:PCT/JP2012/080267 :22/11/2012	
(87) International Publication No	:WO 2013/077390	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a molding die for molding a foam molding in a cavity constituted in the interior by matching a stationary die and a movable die the cavity being able to be filled with molten resin and the foam molding being produced using counter pressure. A seal material (19) for sealing the pressurization area for the counter pressure technique between the stationary die and the movable die is provided to the molding die (10) and the seal material is constituted of an elastic foam that has open cells.

No. of Pages : 36 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MEMBRANES FOR SEPARATION

(51) International	:B01D69/12,B01D71/48,B01D67/00	(71)Name of Applicant :
classification	· · ·	1)IMPERIAL INNOVATIONS LIMITED
(31) Priority Document No	:1117950.4	Address of Applicant :Level 12 Electrical and Electronic
(32) Priority Date	:18/10/2011	Engineering Building Imperial College Exhibition Road London
(33) Name of priority country	/:U.K.	SW7 2AZ U.K.
(86) International	DCT/CD2012/052576	(72)Name of Inventor :
Application No	.18/10/2012	1)LIVINGSTON Andrew Guy
Filing Date	:18/10/2012	2)JIMENEZ SOLOMON Maria Fernanda
(87) International Publication	WO 2012/057402	
No	. WO 2013/03/492	
(61) Patent of Addition to	NT A	
Application Number	INA	
Filing Date	:NA	
(62) Divisional to	- NT A	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composite membrane for gas separation and/or nanofiltration of a feed stream solution comprising a solvent and dissolved solutes and showing preferential rejection of the solutes. The composite membrane comprises a separating layer with intrinsic microporosity. The separating layer is suitably formed by interfacial polymerisation on a support membrane. Suitably at least one of the monomers used in the interfacial polymerisation reaction should possess concavity resulting in a network polymer with interconnected nanopores and a membrane with enhanced permeability. The support membrane may be optionally impregnated with a conditioning agent and may be optionally stable in organic solvents particularly in polar aprotic solvents. The top layer of the composite membrane is optionally capped with functional groups to change the surface chemistry. The composite membrane may be cured in the oven to enhance rejection. Finally the composite membrane may be treated with an activating solvent prior to nanofiltration.

No. of Pages : 47 No. of Claims : 40

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRAIN CONTROL SYSTEM			
 (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 	:B60L15/40,B61L25/02 :2011218252 :30/09/2011 :Japan :PCT/JP2012/074287 :21/09/2012 :WO 2013/047391 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan (72)Name of Inventor : 1)MYOKEI Kenichi 	

(57) Abstract :

Provided is a train control system that can control a train by a plurality of operation modes with a single on board device. This train control system comprises: an on board device (4) installed on a train (2) that travels on a predetermined track (1); a continuous ATP processing unit (11) and an intermittent ATP processing unit (10) that are provided in the on board device (4) and that simultaneously perform processing according to a continuous ATP operation mode by a continuous ATP system and processing according to an intermittent ATP system; and an operation mode determination unit (12) that selects which of the processing result of the continuous ATP processing unit (11) or the processing result of the intermittent ATP processing unit (10) is to be used for performing travel control.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR CONTROLLING THE POWER AT WHICH A COMMUNICATION DEVICE TRANSMITS AN UPLINK SIGNAL

 (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 	:H04W52/10,H04W52/24 :61/499542 :21/06/2011 :U.S.A. :PCT/IB2012/053154 :21/06/2012 :WO 2012/176154 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :164 83 SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)J-NGREN George 2)SORRENTINO Stefano 3)BURSTR-M Per 4)SIMONSSON Arne
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	
I ming Date	.1 11 1	

(57) Abstract :

According to some embodiments there is provided a base station system configured to among other things (a) detect whether a particular UE is using too much power to transmit uplink data and (b) in response transmit a message to the UE instructing the UE to detect a power control RS (PCRS) that is intended only for the particular UE. In some embodiments the PCRS is transmitted such that the power (actual or nominal) of the PCRS as received by the UE is higher than the power of the previous CRS detected by the UE thereby leading the UE to calculate a lower PL values which ears lead to the UE lowering its output power.

No. of Pages : 40 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MANAGING MULTICAST STREAMS AT A ROUTER IN A REMOTE MULTICAST REPLICATION NETWORK (RMR)

 (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 	:H04L12/18 :13/302820 :22/11/2011 :U.S.A. :PCT/IB2012/056515 :16/11/2012 :WO 2013/076637 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)SHAH Kunal R.
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(57) Abstract :

A router is coupled to sources of multicast streams and to multicast consumer hosts through one or more network elements for managing multicast streams sent to hosts through the one or more network elements using subscriber circuits. The interface between the router and the network elements includes but is not limited to a remote multicast replication interface. Reports are received from a host on a subscriber circuit. The subscriber circuit is coupled between the router and the host. The report indicates a request to receive a multicast stream that is associated with a group object. A reference counter associated with the group object is incremented and the requested multicast stream is added to a remote multicast replication circuit if the reference counter transitions from zero upon incrementing.

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

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED REPLICATION MANAGEMENT FOR REMOTE MULTICAST REPLICATION NETWORK

 (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 	:H04L12/18 :13/302789 :22/11/2011 :U.S.A. :PCT/IB2012/056516 :16/11/2012 :WO 2013/076638 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)SHAH Kunal R.
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(57) Abstract :

A router receives a leave message from a host on a subscriber circuit. The leave message indicates a request to stop receiving a multicast stream that is associated with a group object. The interface between the router and network elements including but not limited to a remote multicast replication interface. A group specific query is then sent on the subscriber circuit and is directed to hosts on the subscriber circuit and regards only the multicast group of the received request. Next the group object association with the subscriber circuit is removed from the record at the router if in response to the group specific query no host of the subscriber circuit reports receiving the traffic stream corresponding to the multicast group identified in the leave message.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SERVICE ASSURANCE USING NETWORK MEASUREMENT TRIGGERS

 (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 	:H04L12/721,H04L12/801,H04L12/26 :13/289854 :04/11/2011 :U.S.A. :PCT/IB2012/056029 :30/10/2012 :WO 2013/064982 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)CHAKRABARTI Samita 2)THYNI Tomas 3)MEYER Christoph 4)FRAZIER Robert C. II 5)MANSFIELD Scott Andrew
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date		

(57) Abstract :

A method performed in a network element for reacting to communication performance measurements that fall outside of communication performance thresholds. The network element generates a communication performance measurement between a first endpoint and a second endpoint wherein each endpoint is a point of communication in the network and at least the first endpoint resides on the network element. The network element retrieves a communication performance threshold and determines whether the communication performance measurement falls outside of the communication performance threshold. The network element generates a trigger associated with the communication performance measurement and the communication performance threshold when it is determined that the communication performance measurement falls outside of the communication performance threshold. The network element retrieves a registered handler associated with the generated trigger to indicate that the registered handler requires execution in response to the generated trigger and executes the registered handler.

No. of Pages : 27 No. of Claims : 19

(21) Application No.3362/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : RETAINING DEVICE FOR AN EXTRUDER HOUSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B29C47/08,B29C47/66,B29C47/82 :10 2011 114 577.3 :30/09/2011 :Germany :PCT/EP2012/003950 :21/09/2012	 (71)Name of Applicant : 1)THERMO ELECTRON (KARLSRUHE) GMBH Address of Applicant :Dieselstrasse 4 76227 Karlsruhe Germany (72)Name of Inventor : 1)ROBERTS Peter
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/045060 :NA :NA :NA :NA	

(57) Abstract :

The invention relates to an extruder (10) which has an extruder housing (11). The housing has at least two housing parts (12 13) and is provided with a delivery channel in order to extrude a medium at least one screw conveyor being located in said channel. The extruder housing (11) is releasably retained on a frame (18) by means of a first retaining device (20) and a shaft section (28) of the screw conveyor is releasably connected to a drive device (26). According to the invention the housing parts (12 13) are fixed relative to one another by means of a second retaining device (22) and the extruder housing (11) is connected to the frame (18) and secured against displacement in the longitudinal direction of the extruder housing (11) by means of a third retaining device (25). When the first (20) and third retaining device (25) are released the housing parts (12 13) can be removed as a unit from the frame (18).

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :25/04/2014

(21) Application No.3363/DELNP/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXTRUDER

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:B29C47/08,A21C11/16,B29C47/92 :10 2011 114 578.1 :30/09/2011	 (71)Name of Applicant : 1)THERMO ELECTRON (KARLSRUHE) GMBH Address of Applicant :Dieselstrae 4 76227 Karlsruhe Germany (72)Name of Inventor :
(33) Name of priority country	:Germany	1)ROBERTS Peter
No Filing Date	:PCT/EP2012/003949 :21/09/2012	
(87) International Publication No	:WO 2013/045059	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

The invention relates to an extruder (10) which has an extruder housing (11) in which a screw conveyor (23) is located. The extruder housing (11) is located on a support structure (14) that has a housing type casing. According to the invention the support structure (14) and the casing are formed from an integral sealed jacket (15) designed as a self supporting shell with at least one access opening on the underside. The opening can be covered by at least one base plate (16).

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

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : WIRELESS COMMUNICATION NETWORK SYSTEM SYNCHRONIZATION METHOD

 (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 	:H04W56/00,H04L7/00,H04W4/04 :2011218180 :30/09/2011 :Japan :PCT/JP2012/074420 :24/09/2012 :WO 2013/047450 :NA :NA	 (71)Name of Applicant : 1)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan (72)Name of Inventor : 1)YAMAGUCHI Terufumi 2)SAITO Hiroki 3)OTSUKA Yuhei 4)SHIRAI Toshihito
Number Filing Date	:NA :NA	

(57) Abstract :

Mobile radio devices are disposed at the front and rear ends of a mobile body in such a manner that the mobile radio devices can communicate. At least one of fixed radio devices is used as a synchronization base station. The other radio devices including the mobile radio devices are used as synchronization packet relay stations. Each relay station when powered up transitions to a synchronization acquiring mode in which a reception of a synchronization packet is awaited. When having received the synchronization packet without intervention of the mobile radio devices each relay station transitions to an on ground synchronization maintaining mode which indicates a high level of synchronization precision and becomes able to transmit the synchronization packet. When having received the synchronization packet with the intervention of the mobile radio devices each relay station transitions to an on vehicle synchronization maintaining mode which indicates a lower level of synchronization precision than the on ground synchronization maintaining mode and becomes able to transmit the synchronization packet. When having received the synchronization maintaining mode which indicates a lower level of synchronization precision than the on ground synchronization packet from another relay station that is in the on ground synchronization maintaining mode each relay station that is in the on ground synchronization maintaining mode.

No. of Pages : 46 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRAIN CONTROL SYSTEM		
 (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 	:B61L23/14,B61L3/12,B61L27/00 :2011218253 :30/09/2011 :Japan :PCT/JP2012/074286 :21/09/2012 :WO 2013/047390	 (71)Name of Applicant : 1)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan (72)Name of Inventor : 1)TSUKAMOTO Yasushi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Provided is a train control system that can allocate safety buffers reliably and can perform safe travel/brake control of a train. This train control system comprises: an on board device (3) installed on a train (2) that travels on a predetermined track (1); an on board wireless device (7) for transmitting/receiving travel distance information and speed information of the train (2) that have been obtained by the on board device (3); a wayside wireless device (8) that is provided at a predetermined position of the track (1) and transmits/receives information to/from the on board wireless device (7); and a ground device (9) connected to the wayside wireless device (8). The ground device (9) obtains the position of the train (2) on the basis of the travel distance information and the speed information of the train (2) that are transmitted from the on board device (3) and sets a safety buffer in the traveling direction of the train (2) and also in the direction opposite from the traveling direction. Each safety buffer is set such that the distance of the safety buffer can only be made longer while the train (2) is traveling.

No. of Pages : 19 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

:G06F21/22 (71)Name of Applicant : (51) International classification **1)NEC Corporation** (31) Priority Document No :2011144190 (32) Priority Date Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo :29/06/2011 1088001 Japan (33) Name of priority country :Japan :PCT/JP2012/066387 (72)Name of Inventor : (86) International Application No Filing Date :27/06/2012 1)KINOSHITA Shingo (87) International Publication No :WO 2013/002258 2)KAWADA Koji (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LICENSE ADMINISTRATION DEVICE AND LICENSE ADMINISTRATION METHOD

(57) Abstract :

A license administration device administers permissions of an option function for a plurality of licensee devices. A licensee device stores key information which is encrypted with an encryption key and issues a license change request which denotes either restricting or releasing a prescribed option function. Upon receiving the license change request which denotes restricting the prescribed option function a license administration device overwrites a default key with the key information of the licensee device. Upon receiving thereafter the license change request which denotes releasing the prescribed option function the license administration device applies an upgrade key to the key information of the licensee device. The default key and the upgrade key can be decrypted only by an encryption key which is unique to the licensee device. The license administration device administration upper bound number of permissions and reflects the change value of the upper bound of the number of permissions said upper bound value being changed by applying the default key and the upgrade key.

No. of Pages : 43 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF HYDROPHOBIC CAMPTOTHECIN DERIVATIVES

 (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 	:A61K31/4375,A61K31/4745,A61K47/48 :61/555084 :03/11/2011 :U.S.A. :PCT/US2012/063447 :02/11/2012 :WO 2013/067449 :NA :NA :NA	 (71)Name of Applicant : TAIWAN LIPOSOME COMPANY LTD. Address of Applicant :2F 3 Yuanqu Street Nangang District Taipei City Taiwan TLC BIOPHARMACEUTICALS INC. (72)Name of Inventor : KAN Pei HUNG ChiaHung HONG Keelung TSENG Yun Long CHAN Yun Hsu
Filing Date		

(57) Abstract :

The present invention provides a pharmaceutical composition comprising at least one hydrophobic camptothecin derivative or a pharmaceutically acceptable salt of said derivative and a polyethylene glycol (PEG) conjugated phospholipid. Also provided is a method to inhibit cancer cells in a subject in need thereof by administering the pharmaceutical composition of the present invention.

No. of Pages : 85 No. of Claims : 35

(21) Application No.288/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

(51) Internationalclassification(31) Priority Document No	:C07D401/06,C07D401/14,A01N43/34 0:61/498570	 (71)Name of Applicant : 1)VIAMET PHARMACEUTICALS INC. Address of Applicant :2250 Perimeter Park Drive Suite 320
(32) Priority Date	:19/06/2011	Morrisville NC 27560 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)HOEKSTRA William J.
(86) International Application No Filing Date	:PCT/US2012/043147 :19/06/2012	2)YATES Christopher M. 3)SCHOTZINGER Robert J. 4)LOSO Michael
(87) International Publication No	:WO 2012/177638	5)BUCHAN Zachary A. 6)SULLENBERGER Michael
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA	

(57) Abstract :

The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 127 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:G08G1/0968	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:1159904 :02/11/2011	1)Alcatel Lucent Address of Applicant :3 avenue Octave Grard F 75007 Paris
 (32) Filinity 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 	:02/11/2011 :France :PCT/EP2012/069112 :27/09/2012 :WO 2013/064316 :NA :NA :NA	France (72)Name of Inventor : 1)BOUZID Makram 2)AGHASARYAN Armen 3)BETGE BREZETZ Stphane 4)PIEKAREC Sophie

(54) Title of the invention : ROAD TRAFFIC OPTIMIZATION SYSTEM

(57) Abstract :

To optimize road traffic within an application server (SA) providing itineraries recommended to users connected to said application server from communication terminals (TC) each recommended itinerary being provided to a user based on a profile of the user containing the departure date or arrival date the departure location and the arrival location the application server compares the itineraries recommended to users whose indicated departure date belongs to a given interval time produces a set of users whose corresponding recommended itineraries have at least one itinerary segment of given length in common and modifies an itinerary recommended to at least one user who belongs to said set of users.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING CONTROLLED DOSAGE OF BIOACTIVE AGENT

(51) International classification	:A61K9/48,A61K9/52,A61K9/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive W.
(86) International Application	DCT/US2011/059244	Houston Texas 77070 U.S.A.
No	PC1/052011/058244	(72)Name of Inventor :
Filing Date	.28/10/2011	1)ANTHONY Thomas
(87) International Publication No.	o:WO 2013/062570	2)ALMOG Yaacov
(61) Patent of Addition to	·NI A	3)GILA Omer
Application Number		
Filing Date	INA	
(62) Divisional to Application	-NI A	
Number		
Filing Date	INA	

(57) Abstract :

An apparatus for producing a controlled dosage of bioactive agent is disclosed. The apparatus includes: a print device to eject a drop of a mixture onto an ingestible substrate wherein the drop of mixture includes a bioactive agent within an ingestible carrier fluid and is between 50 ng and 1000 ng in size; a charge generating device adjacent to the print device to generate charge on the bioactive agent to draw the bioactive agent to the ingestible substrate; a cold fluid removal device adjacent to the charge generating device to remove a portion of the ingestible carrier fluid from the bioactive agent; an application device adjacent to the cold fluid removal device to apply an ingestible layer on top of the ingestible substrate encapsulating the bioactive agent or to fold the ingestible substrate on top of the bioactive agent encapsulating the bioactive agent; and a transfer device adjacent to the print device the charge generating device the cold fluid removal device and the application device to move the ingestible substrate from one device to the next.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:61/235,248	1)DOW AGROSCIENCES LLC
(32) Priority Date	:19/08/2009	Address of Applicant :9330 ZIONSVILLE ROAD,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, IN 4268, U.S.A
(86) International Application No	:PCT/US2010/045871	(72)Name of Inventor :
Filing Date	:18/08/2010	1)YUNXING CORY CUI
(87) International Publication No	:WO 2011/022471	2)THOMAS WILLIAM GREENE
(61) Patent of Addition to Application	·NI A	3)STEPHEN NOVAK
Number	.INA .NA	4)NING ZHOU
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DETECTION OF AAD-1 EVENT DAS-40278-9

(57) Abstract :

This invention relates in part to detecting herbicide tolerant plants - more specifically, an aad-1 transformation event in corn plants. The subject invention also provides assays for detecting the presence of the subject event in a sample (of corn grain, for example). Kits and conditions useful in conducting the assays are also provided. The subject invention also relates in part to plant breeding using the subject methods. In some embodiments, said event / polynucleotide sequence can be stacked with other traits. More specifically, the invention relates in part to an endpoint TaqMan PCR assay for AAD-1 corn event 40278-9. Some embodiments are directed to assays that are capable of high throughput zygosity analysis. The subject invention further relates, in part, to the use of a preferred reference gene for use in determining zygosity.

No. of Pages : 39 No. of Claims : 23

(21) Application No.239/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:B63H5/125,B63H3/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BEACHY HEAD Michael Alan
(32) Priority Date	:NA	Address of Applicant :11 Upper Thistle Street 7700 Newlands
(33) Name of priority country	:NA	South Africa
(86) International Application No	:PCT/IB2011/052547	(72)Name of Inventor :
Filing Date	:10/06/2011	1)BEACHY HEAD Michael Alan
(87) International Publication No	:WO 2012/168767	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DRIVES FOR PROPULSION OF MARINE VESSELS

(57) Abstract :

A marine propulsion system (10) includes a gearbox housing (18) that is attached to the stern of a vessel hull (14) a pivot casing (22) that can pivot relative to the gearbox housing (18) for trim/tilt and a lower unit (28) that can pivot relative to the pivot casing (22) to steer. The gearbox housing (18) houses an input shaft (20) which is connected via a gear set (38) to an intermediate shaft (36) which is connected via a bevel gear set (42) to a transverse shaft (40) which extends into the pivot casing (22). Inside the pivot casing (22) a drive shaft (26 30) is connected to the transverse shaft (40) via a clutch assembly (44) and the drive shaft (26 30) extends from the pivot casing (22) to the lower unit (28) where it drives a propeller shaft (32). The pivot casing (22) pivots about the axis of the transverse shaft (40) to trim/tilt and the lower unit (28) pivots about the axis of the drive shaft (26 30) to steer.

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

(19) INDIA

(22) Date of filing of Application :26/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A TIBIAL COM	IPONENT	
 (54) Title of the invention : A TIBIAL COM (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 	IPONENT :A61F2/38 :2011/07123 :29/09/2011 :South Africa :PCT/IB2012/055192 :28/09/2012 :WO 2013/046170 :NA	 (71)Name of Applicant : 1)OOSTHUIZEN Christiaan Rudolf Address of Applicant :163 Anderson Street Northcliff 2195 Johannesburg South Africa (72)Name of Inventor : 1)OOSTHUIZEN Christiaan Rudolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one aspect of the present invention there is provided a tibial component (10) suitable for use in an orthopedic prosthesis which prosthesis includes a femoral component and a spacer bearing (70) the tibial component comprising a planar tibial plate (15) having an upper bearing surface (30) and a lower attachment surface (20) and the tibial plate further having at least one spacer bearing attachment means for removably securing the spacer bearing to the tibial plate.

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

(19) INDIA

(22) Date of filing of Application :26/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SEAL ARRANGEMENT FOR VALVE		
(51) International classification	:F16K3/00,F16K27/00	(71)Name of Applicant :
(31) Priority Document No	:20111487	1)TERJE HLAND AS
(32) Priority Date	:01/11/2011	Address of Applicant : Andreas Harestadsvei 42 N 4070
(33) Name of priority country	:Norway	Randaberg Norway
(86) International Application No	:PCT/NO2012/050131	(72)Name of Inventor :
Filing Date	:04/07/2012	1)HLAND Terje
(87) International Publication No	:WO 2013/066187	
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A valve seat arrangement (4) in a hydraulic valve (1) provided with a bidirectional secondary barrier (5) including a first upstream seal (51) and a second downstream seal (52) and an intermediate axially movable seal supporting element (53) the seal supporting element (53) including at a first end an annular first seal abutment (531) surrounded by a second supporting abutment surface (534) displaced in the axial direction towards a valve seat (42); and the seal supporting element (53) including at a second end an annular second seal abutment (532) surrounding a first supporting abutment surface (532) displaced in the axial direction away from the valve seat (42).

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BROMINATED FLAME RETARDANT ANTIMONY OXIDE FREE POLYMER FORMULATIONS

(51) International classification	:C08K5/00,C08K5/06,C08L71/12	(71)Name of Applicant :
(31) Priority Document No	:61/527262	1)CHEMTURA CORPORATION
(32) Priority Date	:25/08/2011	Address of Applicant :199 Benson Road Middlebury CT
(33) Name of priority country	:U.S.A.	06749 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/049814 :07/08/2012	(72)Name of Inventor :1)NARAYAN Subramaniam2)HODGEN Harry A.
(87) International Publication No	:WO 2013/028344	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Antimony free flame retardant compositions are prepared by combining a polymer resin certain halogenated polyphenylene ether flame retardants and a non brominated phenoxy oligomer or polymer such as a poly phenylene ether aryloxyester or aryloxycarbonate. The present antimony free flame retardant compositions also typically have more desirable physical properties than similar compositions comprising antimony trioxide and other flame retardant. In particular embodiments ATO free flame retardant HIPS and PC/ABS compositions are provided.

No. of Pages : 34 No. of Claims : 17
(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING A POWER TRAIN DEPENDING ON THE TEMPERATURE OF A HYDRAULIC TORQUE CONVERTER

 (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 	:F16H63/50,B60W30/184 :1159032 :06/10/2011 :France :PCT/FR2012/052082 :18/09/2012 :WO 2013/050681 :NA :NA	 (71)Name of Applicant : 1)RENAULT S.A.S. Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor : 1)PLANTE Fran§ois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for controlling (20) a power train of a motor vehicle the power train (20) being capable of delivering an engine torque to a hydraulic torque converter (13). The control system comprises means (21) for determining a temperature gradient of the oil of the hydraulic torque converter (13) means (22) for estimating a curve of the force of resistance to forward travel of the motor vehicle depending on a practical mass of the motor vehicle based on said temperature gradient and means (23) for controlling said engine torque depending on said estimation.

No. of Pages : 29 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

 (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 	:H01J37/34,C23C14/34 :10 2011 117 177.4 :28/10/2011 :Germany :PCT/EP2012/004203 :08/10/2012 :WO 2013/060415 :NA :NA :NA	 (71)Name of Applicant : 1)Oerlikon Trading AGTr¹/4bbach Address of Applicant :Hauptstrasse 53 CH 9477 Tr¹/4bbach Switzerland (72)Name of Inventor : 1)KRASSNITZER Siegfried 2)LENDI Daniel 3)LECHTHALER Markus
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD FOR PROVIDING SEQUENTIAL POWER PULSES

(57) Abstract :

The present invention relates to a method for providing power pulses for PVD sputter cathodes which comprise a power consumption component and a cathode element wherein during a power increase interval for a generator the power on the power consumption component is decreased and then the power on the cathode element is decreased with changeover being effected such that the power draw from the generator providing the power does not have to be interrupted.

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

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No	:G06K9/00 :2011904325	(71)Name of Applicant : 1)THE UNIVERSITY OF SYDNEY
(32) Phonty Date (33) Name of priority country	:Australia	Autress of Applicant :Sydney New South Wales 2006 Australia
(86) International Application No Filing Date	:PCT/AU2012/001277 :19/10/2012	(72)Name of Inventor : 1)VIDAL CALLEJA Teresa Alejandra
(87) International Publication No	:WO 2013/056315	2)RAMAKRISHNAN Rishi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IMAGE PROCESSING AND OBJECT CLASSIFICATION

(57) Abstract :

A method for classifying objects from one or more images comprising the steps of: generating a trained classification process wherein the generation comprises the steps of extracting features from one or more training images and clustering said features into one or more groups of features termed visual words; storing data for each of said visual words including colour and texture information as descriptor vectors; and generating a vocabulary tree to store clusters of visual words with common characteristics; and using the trained classification process to classify objects in said one or more images wherein the usage comprises the steps of extracting features from said one or more images and clustering said features into groups of features termed visual words; searching the vocabulary tree to determine the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words; and classifying objects based on the closest matching clusters of visual words in the vocabulary tree.

No. of Pages : 43 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR COMPRESSING PLASMA TO A HIGH ENERGY STATE (51) International classification :G21C13/04 (71)Name of Applicant : (31) Priority Document No **1)FREEZE Brent** :NA (32) Priority Date Address of Applicant :8 Corporate Park Suite 300 Irvine CA :NA (33) Name of priority country 92606 U.S.A. :NA (86) International Application No :PCT/US2011/001879 (72)Name of Inventor : Filing Date :09/11/2011 **1)FREEZE Brent** (87) International Publication No :WO 2013/070179 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A compressor assembly and the method of using the same which includes an elongated spiral passageway within which a compact toroid plasma such as a compact toroid plasma structure can be efficiently compressed to a high energy state by compressing the compact toroid plasma structure by its own momentum against the wall of the spiral passageway in a manner to induce heating by conservation of energy. The compressor assembly also includes a burn chamber that is in communication with the spiral passageway and into which the compressed compact toroid plasma structure is introduced following its compression.

No. of Pages : 37 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING PREPAID INTERNET CONNECTION AND A CHARGING MECHANISM FOR SAME

 (51) International classification (31) Priority Document No (2011087194 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (23/11/2012 (87) International Publication No (92) Object (State State St	 (71)Name of Applicant : 1)CHIKKA PTE LTD Address of Applicant :24 Raffles Place #27 01 Clifford Centre Singapore 048621 Singapore (72)Name of Inventor : 1)MENDIOLA Dennis
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(57) Abstract :

A system for detecting and charging for internet connection provided to a computer device the computer device configured to detect any internet connection available comprising an internet access adjustment facilitator arranged to receive requests for prepaid internet connection access from the computer device; and capable of facilitating the linking of the computer device to a designated prepaid internet account for purposes of charging; wherein upon detection by the software that the internet connection is a prepaid internet connection access and caching of any Internet content will be chargeable to a designated prepaid internet account from the at least one prepaid internet account; and upon detecting that the internet connection is any other type of internet connection the computer device caches any Internet content accessed by the user for synchronization with other computer devices in the system linked to the designated prepaid account.

No. of Pages : 27 No. of Claims : 17

(21) Application No.3391/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

 (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 	:A61M5/315 :61/541661 :30/09/2011 :U.S.A. :PCT/US2012/056342 :20/09/2012 :WO 2013/048874 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE S.A.S. Address of Applicant :Rue Aristide Berges F 38800 Le Pont de Claix France (72)Name of Inventor : 1)LABAK Christopher 2)ST. CYR Joseph Omer 3)MANKE Darrin Scott
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(54) Title of the invention : SYRINGE HAVING PIVOTING ARM PLUNGER ROD

(57) Abstract :

A syringe assembly includes a syringe barrel having a first end a second end and a sidewall extending between the first end and the second end. The syringe assembly further includes a stopper disposed within a chamber of the syringe barrel a plunger adapter engaged with the stopper and a plunger rod having first and second ends. The first end of the plunger rod is pivotally secured to the plunger adapter. The plunger rod has a pre use position where the second end of the plunger rod is positioned adjacent to the syringe barrel and a use position where the plunger rod is configured to displace the stopper relative to the syringe barrel. A recessed portion of the plunger adapter receives a portion of the first end of the plunger rod is in the pre use position and the use position.

No. of Pages : 31 No. of Claims : 27

(21) Application No.3392/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

 (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 	:A61M5/315,A61M5/24 :61/541589 :30/09/2011 :U.S.A. :PCT/US2012/056329 :20/09/2012 :WO 2013/048871 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE S.A.S. Address of Applicant :Rue Aristide Berges F 38800 Le Pont de Claix France (72)Name of Inventor : 1)LABAK Christopher 2)ST. CYR Joseph Omer 3)MANKE Darrin Scott
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(54) Title of the invention : SYRINGE HAVING DUAL PIVOTING ARM PLUNGER ROD

(57) Abstract :

A syringe assembly (10) includes a syringe barrel (12) having a first end (14) a second end (16) and a sidewall (18) extending between the first end and the second end. The syringe assembly further includes a stopper (58) disposed within a chamber (20) of the syringe barrel a plunger (50) adapter (56) engaged with the stopper and defining a recessed portion therein and first and second plunger arms each having a first end pivotally secured to the plunger adapter. The first and second plunger arms (52 54) each have a pre use position where the plunger arms are spaced from each other and a use position where the plunger arms are positioned adjacent to each other and configured to displace the stopper relative to the syringe barrel. The recessed portion (90) of the plunger adapter receives a portion of a first end of a plunger rod when the first and second plunger arms are in the pre use position and the use position.

No. of Pages : 35 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H04W16/10	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:13/283003 :27/10/2011	1) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/IB2012/055787 :21/10/2012	(72)Name of Inventor :1)GUEY Jiann Ching2)HUI Dennis
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/061231 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DISTRIBUTED PARAMETER ADAPTATION IN A COMMUNICATION NETWORK

(57) Abstract :

A distributed parameter update procedure is provided for updating parameters that do not have discrete values. When a parameter value is changed a search is conducted of a parameter space to find a new parameter value minimizes some cost function. The cost function is derived based on the current parameter settings in neighboring nodes. The distributed parameter update procedure may simplify the search process by localizing the search of the parameter space for a new parameter value to the vicinity of the current parameter setting in some embodiments the search is conducted along a line of steepest descent emanating from the current parameter setting.

No. of Pages : 34 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

 (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 	:C04B28/14,C04B11/00 :NA :NA :NA :PCT/CN2012/085748 :03/12/2012 :WO 2014/085961 :NA :NA	 (71)Name of Applicant : 1)SAINT GOBAIN PLACO Address of Applicant :34 Avenue Franklin Roosevelt F 92150 Suresnes France (72)Name of Inventor : 1)GAO Xiaotong 2)SHAO Dongxiao 3)LI Huifen 4)SONG Hao 5)ZHANG Ke
Number Filing Date	:NA :NA	4)SONG Hao 5)ZHANG Ke
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CHEMICAL ADDITIVE FOR GYPSUM PRODUCTS

(57) Abstract :

The present invention provides a gypsum composition a gypsum board and their preparation method and the use of DHA as an anti sagging additive in a gypsum product. Said gypsum board comprises set gypsum prepared from the composition; while said composition comprises gypsum and an anti deformation additive wherein the anti deformation additive comprises at least one selected from a group consisting of dehydroascorbic acid dehydroascorbate and semidehydroascorbic acid. The set gypsum prepared from the said composition shows better anti sagging or deformation resisting property. The gypsum product of the present invention is hardly distorted and has stronger stability even in the condition of high humidity thus improve the quality of the gypsum product to meet the demands of the customer.

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

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : INJECTION SYSTEM FOR AN APPARATUS FOR DEPOSITING THIN LAYERS BY VACUUM EVAPORATION

(51) International classification	:C23C14/24,C23C14/26,C23C14/22	(71)Name of Applicant : 1)RIBER
(31) Priority Document No	:1159560	Address of Applicant :31 rue Casimir Prier F 95870 Bezons
(32) Priority Date	:21/10/2011	France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/FR2012/052388 :18/10/2012	1)GUYAUX Jean Louis 2)VILLETTE Jr´me 3)BRIANT Nicolas
(87) International Publication No	:WO 2013/057443	4)ESTEVE David
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

The present invention concerns an injection system for an apparatus for depositing thin layers by vacuum evaporation said injection system comprising a reservoir intended to receive a source of material to be evaporated means of heating the reservoir capable of evaporating said material at least one injection ramp comprising an inner conduit connected to the reservoir in such a way as to receive said evaporated material coming from the reservoir and a plurality of nozzles each nozzle comprising at least a communication channel between said inner conduit and the external portion of the ramp in such a way as to discharge the evaporated material into said vacuum evaporation chamber. According to the invention the injection ramp comprises a plurality of injection modules mechanically connected to each other in series along a longitudinal direction each injection module comprising a plurality of injection nozzles and said injection ramp comprises means of adjusting the orientation of said injection modules about said longitudinal direction in such a way as to align said injection nozzles along a line parallel to the longitudinal direction of the injection ramp.

No. of Pages : 21 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MODIFIED RUBBER MASTERBATCH RUBBER COMPOSITION PREPARED THEREWITH AND VULCANIZED RUBBER AND PREPARATION METHOD THEREOF

		 (71)Name of Applicant : 1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22A Chaoyangmenbei Street Chaoyang District Beijing 100728 China 2)BEIJING RESEARCH INSTITUTE OF CHEMICAL
(51) International classification	:C08L9/06,C08L9/08,C08L21/00	INDUSTRY CHINA PETROLEUM & CHEMICAL
(31) Priority Document No	:201110330561.4	CORPORATION
(32) Priority Date	:26/10/2011	(72)Name of Inventor :
(33) Name of priority country	:China	1)QIAO Jinliang
(86) International Application	·PCT/CN2012/083574	2)CONG Yuexin
No	·26/10/2012	3)ZHANG Xiaohong
Filing Date	.20/10/2012	4)LI Ying
(87) International Publication No	o:WO 2013/060288	5)GAO Jianming
(61) Patent of Addition to	·NA	6)ZHANG Qianmin
Application Number	·NA	7)SONG Zhihai
Filing Date		8)SUN Yanling
(62) Divisional to Application	·NA	9)LAI Jinmei
Number	NA	10)SONG Peijun
Filing Date		11)CAI Chuanlun
		12)ZHAO Guoxun
		13)ZHANG Hongbin
		14)QI Guicun
		15)WANG Ya
		16)LI Binghai

(57) Abstract :

A modified rubber masterbatch and preparation method thereof rubber composition prepared therewith and vulcanized rubber and preparation method thereof the modified rubber components comprising uncross linked rubber and cross linked rubber particles dispersed therein; the cross linked rubber particles are synthetic rubber particles and/or natural rubber particles with an average particle diameter of 20 500nm and gel content of 60% by weight or above; the uncross linked rubber is styrene butadiene rubber; and the weight ratio between the cross linked rubber particles and the uncross linked rubber is greater than 20:80 and less than or equal to 80:20. The rubber composition comprises a blend of modified rubber components and base rubber with the base rubber 100 parts by weight and the modified rubber components 1 70 parts by weight. The vulcanized rubber of the rubber composition has low rolling resistance excellent wet skid resistance and excellent wear resistance and can be used to prepare high performance tread rubber for automobiles.

No. of Pages : 42 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTI PART JOINED ROTORS IN HYDRAULIC CAMSHAFT ADJUSTERS HAVING JOINT SEALING PROFILES AND METHOD FOR PRODUCING THE ROTORS

(51) International classification:I(31) Priority Document No:I(32) Priority Date:C(33) Name of priority country:C(36) International Application No:IFiling Date:C(87) International Publication No:I(61) Patent of Addition to Application:INumber:IFiling Date:I(62) Divisional to Application Number:IFiling Date:I(62) Divisional to Application Number:IFiling Date:I	F01L1/344 10 2011 117 856.6 08/11/2011 Germany PCT/EP2012/004598 05/11/2012 WO 2013/068091 NA NA NA	 (71)Name of Applicant : 1)GKN SINTER METALS HOLDING GMBH Address of Applicant :Krebsge 10 42477 Radevormwald Germany (72)Name of Inventor : 1)FREY Sascha
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(57) Abstract :

The invention relates to a camshaft adjusting device (1) for an internal combustion engine and to a method for producing a camshaft adjusting device having a stator wheel (10) and a rotor wheel (11) wherein the rotor wheel (11) has a first body part (19) and a second body part (20) wherein a joining surface (19a) of the first body part (19) and a joining surface (20a) of the second body part (20) are joined to one another and wherein depressions (21 22) are formed in at least one of the joining surfaces (19a 20a) in order to form the fluid ducts (17 18) at least in sections. To provide a camshaft adjusting device (1) with an improved rotor wheel (11) which is formed from two body parts (19 20) which can be joined to one another in an improved manner it is provided according to the invention that at least one sealing means (25 26) is provided in or on at least one joining surface (19a 20a) which sealing means is designed such that the fluid ducts (17 18) are sealed off and such that defined contact is realized between the joining surfaces (19a 20a) which are placed on one another.

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

 (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 	:F27D15/02,F16L3/00 :201110216706.8 :29/07/2011 :China :PCT/CN2012/078357 :09/07/2012 :WO 2013/017003 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ZHONGYE CHANGTIAN INTERNATIONAL ENGINEERING CO. LTD. Address of Applicant :No.1 Laodong Mid Road Changsha Hunan 410007 China (72)Name of Inventor : 1)GAO Deliang 2)ZHAI Xin
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(54) Title of the invention : HANGER DEVICE AND CIRCULAR COOLER HAVING SAME

(57) Abstract :

A hanger device (50) and an annular cooler having same the hanger device (50) comprising a hanger fastener (51) and four connecting pieces (52 53 54 55) disposed in sequence from top to bottom; the upper end of the first connecting piece (52) is hinge connected to the hanger fastener (51); between the opposing ends of the second connecting piece (53) and the first connecting piece (52) is a first threaded fit; the opposing ends of the third connecting piece (54) and of the second connecting piece (53) are nested together and between the two opposing ends is allowed a vertical relative displacement with mating lower stop limiting units (E); between the opposing ends of the fourth connecting piece (55) and the third connecting piece (54) is a second threaded fit the lower end of the fourth connecting piece (55) being used to hinge connect to a gate type sealing device (60); and the sum of the vertical unscrewed lengths of the first threaded fit and the second threaded fit is greater than or equal to a vertical preset distance (L); the minimum vertical relative displacement between the third connecting piece (54) and the second connecting piece (53) enables both the first connecting piece (52) and the first displacement between the third connecting piece (54) and the second connecting piece (53) enables both the first connecting piece (52) and the first displacement between the third connecting piece (54) and the second connecting piece (53) enables both the first connecting piece (52) and the fourth connecting piece (55) to rotate around respective hinge points. The hanger device (50) has improved operability for installation and adjustment.

No. of Pages : 29 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANODE FOR OXYGEN EVOLUTION		
(54) Filte of the invention : ARODE FOR OK FOLLY EVOLUTION(51) International classification:C25B11/04,C25C7/02(31) Priority Document No:MI2011A001132(32) Priority Date:22/06/2011(33) Name of priority country:Italy(86) International Application No:PCT/EP2012/062088Filing Date:22/06/2012(87) International Publication No:WO 2012/175673(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	Applicant : RIE DE NORA S.p.A. of Applicant :Via Bistolfi 35 I 20134 Milano Italy Inventor : NO Fabio RARA Alice	

(57) Abstract :

An electrode for electrochemical processes comprises a substrate of titanium or other valve metal an intermediate protection layer based on valve metal oxides and a catalytic layer based on oxides of tin and of iridium doped with small amounts of oxides of elements selected between bismuth antimony tantalum and niobium. The electrode used in electrometallurgical processes for example in the electrowinning of metals as anode for anodic oxygen evolution presents a reduced overvoltage and a higher duration.

No. of Pages : 12 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : LEAD FREE PIEZOELECTRIC CERAMIC COMPOSITION METHOD FOR PRODUCING SAME PIEZOELECTRIC ELEMENT USING LEAD FREE PIEZOELECTRIC CERAMIC COMPOSITION ULTRASONIC PROCESSING MACHINE ULTRASONIC DRIVE DEVICE AND SENSING DEVICE

(51) International classification	:C04B35/00,G01L23/22,H01L41/08	(71)Name of Applicant : 1)NGK SPARK PLUG CO. LTD.
(31) Priority Document No	:2011154430	Address of Applicant :14 18 Takatsuji cho Mizuho ku Nagoya
(32) Priority Date	:13/07/2011	shi Aichi 4678525 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2012/004329 :04/07/2012	1)YAMAZAKI Masato 2)MATSUOKA Takayuki 2)KIAMUDA Kamaki
(87) International Publication No	:WO 2013/008418	5)KITAMUKA Kazuaki 4)YAMADA Hideto 5)KURAHASHI Toshiaki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)YAMAGIWA Katsuya 7)OHBAYASHI Kazushige
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This lead free piezoelectric ceramic composition is mainly composed of a first crystal phase (KNN phase) and a second crystal phase (NTK phase). The first crystal phase (KNN phase) is composed of a plurality of crystal grains that are formed of an alkali niobate/tantalate perovskite oxide having piezoelectric characteristics said crystal grains being bonded with each other in a deposited state. The second crystal phase (NTK phase) is composed of a compound that contains titanium (Ti) and the spaces between the crystal grains in the first crystal phase are filled with the second crystal phase (NTK phase).

No. of Pages : 90 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR CONVERSION OF A CELLULOSIC MATERIAL

(57) Abstract :

A process for conversion of a cellulosic material comprising a liquefaction step comprising contacting a cellulosic material with a liquid solvent at a temperature of equal to or more than 200°C; or contacting a cellulosic material with a liquid solvent at a temperature of equal to or more than 100°C in the presence of a catalyst to produce a final liquefied product; a catalytic cracking step comprising contacting at least part of the final liquefied product with a fluidized catalytic cracking catalyst at a temperature of equal to or more than 400°C to produce one or more cracked products.

No. of Pages : 56 No. of Claims : 18

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SMOKING ARTICLE WITH FRONT PLUG AND AEROSOL FORMING SUBSTRATE AND METHOD

 (51) International classification :A24F47 (31) Priority Document No :1119620 (32) Priority Date :30/12/21 (33) Name of priority country :EPO (86) International Application No :PCT/EF Filing Date :28/12/22 (87) International Publication No :WO 2012 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number Filing Date :NA Filing Date :NA 	 (71)Name of Applicant : (71)Name of Applicant : (71)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor : (72)Name of Inventor : (72)BADERTSCHER Thomas (3)MEYER Cdric (4)LOUVET Alexis
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(57) Abstract :

A smoking article (1 100 300) comprises a plurality of elements including a front plug (2 102 302) and an aerosol forming substrate (7). A hole (103 303) or slit (23) is defined through the front plug(2 102 302) through which a heating element (8) may be inserted. In use a heating element (8) is inserted into the smoking article (1 100 300) through the hole (103 303) or slit (23) and the aerosol forming substrate(7) is heated to generate an aerosol. When the heating element (8) is subsequently withdrawn from the smoking article (1 100 300) the front plug (2 102 302) acts to retain the aerosol forming substrate (7) within the smoking article (1 100 300).

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

 (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 	:A63C17/06 :1220/DEL/2013 :25/04/2013 :India :PCT/IN2014/000262 :25/04/2014 :WO 2014/174530 :NA	 (71)Name of Applicant : 1)CHOUDHARY Sayar Singh Address of Applicant :45 Champapura Kalwar Road Post Manchwa Jaipur 303706 Rajasthan India (72)Name of Inventor : 1)CHOUDHARY Sayar Singh
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IN LINE WHEEL CHASSIS ASSEMBLY

(57) Abstract :

The invention provides an in line wheel chassis assembly having three or more wheels mounted in an in line (tandem) arrangement for rotation in a common vertical plane such that the chassis assembly is configured to (i) facilitate independent vertical movement of at least two of the three or more wheels mounted on the chassis and (ii) distribute across the mounted wheels total impact and displacement occurring responsive to encountering an obstacle thereby staggering transmission of the impact and displacement to any surface to which the chassis is mounted. The invention additionally provides a method for manufacturing the in line wheel chassis assembly and an in line skate comprising the in line wheel chassis assembly.

No. of Pages : 30 No. of Claims : 14

(21) Application No.3433/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MEANS AND METHODS FOR GROWING PLANTS IN HIGH SALINITY OR BRACKISH WATER

 (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 	:A01G25/00,A01G31/00 :215501 :03/10/2011 :Israel :PCT/IB2012/055301 :03/10/2012 :WO 2013/050945 :NA :NA :NA :NA	 (71)Name of Applicant : SEANOVO LIMITED Address of Applicant :843 Fluchley Road London NW11 8NA U.K. (72)Name of Inventor : LOTVAK Izhak Levi SHANI Gil RONEN Eyal
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(57) Abstract :

A method of growing plants in high salinity is hereby presented. The method comprises steps of obtaining a pressurised cultivation system (PCS) having a pressure vessel for growing at least one plant on a media or substrate the pressure vessel housing at least the roots of said at least one plant a source of saline water and a high pneumatic pressure production unit operatively connected to said pressure vessel for providing higher than ambient pressure to said pressure vessel thereby maintaining said roots of said at least one plant under high pressure during growth planting a plant in the pressure vessel such that at least a portion of said roots are hermetically sealed within said pressure vessel providing saline or brackish water to said media and pressurising said vessel. Systems and devices for the above are described.

No. of Pages : 36 No. of Claims : 54

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PLIABLE WALL AIR DUCT WITH SUSPENDED INNER FRAME AND METHOD OF INSTALLING PLIABLE WALL AIR DUCT

(51) International classification(31) Priority Document No	:F24F13/02 :13/288795	(71)Name of Applicant : 1)RITE HITE HOLDING CORPORATION
(32) Priority Date	:03/11/2011	Address of Applicant :8900 North Arbon Drive Milwaukee
(33) Name of priority country	:U.S.A.	Wisconsin 53233 U.S.A.
(86) International Application No	:PCT/US2012/063050	(72)Name of Inventor :
Filing Date	:01/11/2012	1)PINKALLA Cary
(87) International Publication No	:WO 2013/067172	2)HEIM Frank
(61) Patent of Addition to Application	·NI A	3)GEBKE Kevin J.
Number	·NA	4)KAUFMANN Nicholas L.
Filing Date	.INA	5)NIEHAUS William A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pliable wall air ducts with suspended frames are disclosed herein. An example air duct system includes an air duct having a pliable sidewall. The pliable sidewall has a total weight. The example air duct system includes a framework to be disposed within the air duct. The framework includes a shaft to extend in the longitudinal direction a rib to engage an inner surface of the air duct and a plurality of spokes to connect the rib to the shaft. The example air duct system a plurality of hangers. Each hanger comprises an elongate member having an upper section and a lower section. The lower section is to be coupled to the framework via access through a corresponding opening defined by the pliable sidewall. Most of the total weight of the pliable sidewall is to be carried by the framework.

No. of Pages : 26 No. of Claims : 24

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONIC DEVICE		
(51) International classification	:G06F3/041	(71)Name of Applicant :
(31) Priority Document No	:2012- 240921	1) DENSO CORPORATION Address of Applicant :1-1 SHOWA-CHO, KARIYA-CITY,
(32) Priority Date	:31/10/2012	AICHI-PREF., 448-8661, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AKIKO KONDOU
Filing Date	:NA	2)YUKIYASU UENO
(87) 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 electronic device includes an acceleration sensor (102), a substrate (lo), a housing (II), two housing fixing parts (14, 15), and two substrate fixing parts (16, 17). The acceleration sensor (102) is configured to detect a rate of acceleration. The acceleration sensor (1 02) is fixed to the substrate (1 0). The substrate (10) is accommodated and fixed in the housing (11). The two housing fixing parts (14, 15) are arranged with a space therebetween in a direction of a straight line in a linear region with a predetermined width, and are configured to fix the housing (11) to an object. The two substrate fixing parts (16, 17) are arranged with a space therebetween in a direction of a straight line arranged with a space therebetween in a direction of a straight line arranged with a space therebetween in a direction of a straight line arranged with a space therebetween in a direction of a straight line arranged with a space therebetween in a direction of a straight line arranged with a space therebetween in a configured to fix the housing (11) to an object. The two substrate fixing parts (16, 17) are arranged with a space therebetween in a direction of a straight line between the two housing fixing parts (14, 15) in the linear region with the predetermined width, and are configured to fix the substrate (10) to the housing (11).

No. of Pages : 23 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NON CONTIGUOUS CARRIER AGGREGATION

 (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 	:H04B17/00,H04W24/10,H04W36/00 :11306273.1 :03/10/2011 :EPO :PCT/EP2012/069248 :28/09/2012 :WO 2013/050307	 (71)Name of Applicant : 1)ST ERICSSON SA Address of Applicant :Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor : 1)SESIA Stefania 2)DEMAJ Pierre 3)GANDER Martial 4)KAZMI Muhammad
(87) International Publication No	:WO 2013/050307	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A method of operating a user equipment for measuring non contiguous carriers comprises: changing a position of a local oscillator to be in the middle of the non contiguous carriers; measuring the carriers simultaneously; estimating a power level of an interferer in a gap in the non contiguous carriers which creates image interference; and compensating the measurement dependent on the interferer power level and an image rejection factor.

No. of Pages : 57 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONIC DEVICE INFORMATION PROCESSING METHOD AND PROGRAM

 (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 	:G06F3/01,H04M1/00 :2011267649 :07/12/2011 :Japan :PCT/JP2012/006534 :11/10/2012 :WO 2013/084395 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIKON CORPORATION Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor : 1)MIZUI Kengo 2)TAI Hisashi 3)TOYODA Takafumi 4)ITO Mayuko 5)KINOUCHI Yuki 6)SEKIGUCHI Masakazu
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(57) Abstract :

An easy to use electronic device is provided. Provided is an electronic device comprising: an operation unit for accepting operations from a user; an image pickup unit that can capture images of user s appearance; and an information providing unit that provides on the basis of a result of the images captured by the image pickup unit information to the user. The image pickup unit captures images of the user while the user is operating the operation unit.

No. of Pages : 37 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(51) International classification :G06T15/20 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :10 2011 087 901.3 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :07/12/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/072444 (72)Name of Inventor : 1)ZITZEWITZ Henning Von Filing Date :13/11/2012 (87) International Publication No :WO 2013/083364 2)MUEHLMANN Karsten (61) Patent of Addition to Application **3)EGELHAAF Jan** :NA Number **4)CANO Raphael** :NA Filing Date 5)VEPA Leo :NA (62) Divisional to Application Number Filing Date :NA

(54) Title of the invention : METHOD FOR REPRESENTING A MOTOR VEHICLE ENVIRONMENT

(57) Abstract :

The invention relates to driver assistance systems (12) that are designed for outputting representations of a motor vehicle environment to a driver. The invention further relates to a method in such a driver assistance system that comprises the following steps: capturing environmental data by means of an environment sensor system (16 18 20 22 26); determining a situation dependent virtual camera perspective (28); producing an environment representation wherein the environmental data are projected from the view of a virtual camera (29) to a plane (36 38) comprising at least two layers; and outputting the environment representation to a display device of the human machine interface (16). The invention further relates to a computer program for carrying out the method.

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

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

 (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) Petent of Addition to Application 	:F04B11/00,F04B1/20 :10 2011 118 402.7 :12/11/2011 :Germany :PCT/EP2012/070534 :17/10/2012 :WO 2013/068213	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)HELLSTERN Andrea 2)APPEL Rudolf 3)POOS Pater
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/068213 :NA :NA :NA	2)APPEL Rudolf 3)ROOS Peter
Filing Date	:NA	

(54) Title of the invention : HYDROSTATIC PISTON ENGINE

(57) Abstract :

Hydrostatic piston engine in particular axial piston machine comprising a rotating cylinder drum (25) that has multiple cylinder chambers (26) in which pistons are arranged that perform a reciprocating movement during operation. During operation each cylinder chamber (26) is alternately connected via an opening (27) in the cylinder chamber to a low pressure control port (30) and a high pressure control port (29) on a stationary control plate (28) on which two reversing zones within which a piston reverses the direction of travel at a dead center are located between the low pressure control port (30) and the high pressure control port (29). The control plate has a pilot control groove (34) which extends from a control port (29 30) into a reversing zone (32). Said reversing zone (32) includes an outlet (47) over which at least approximately the entire length of the openings (27) in the cylinder chambers passes. Furthermore a fluid capacity which has a defined volume is connected to the outlet (47) via an especially throttled fluid connection (46) and the outlet (47) lies in the pilot control groove (34). Said design of a hydrostatic piston engine makes it possible to connect a reversing capacity in a simple and permanently throttled manner to the associated pressure connection.

No. of Pages : 19 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:A47C7/02	(71)Name of Applicant :
(31) Priority Document No	:10 2011 117 285.1	1)PLIKAT Claudia
(32) Priority Date	:31/10/2011	Address of Applicant : Franklinstrasse 15 15a 10587 Berlin
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/004535	2)SCHMITZ Bukhard
Filing Date	:30/10/2012	3)ZWICK Carola
(87) International Publication No	:WO 2013/064239	4)ZWICK Roland
(61) Patent of Addition to Application	٠NIA	(72)Name of Inventor :
Number	.INA ·NA	1)PLIKAT Claudia
Filing Date	.INA	2)SCHMITZ Bukhard
(62) Divisional to Application Number	:NA	3)ZWICK Carola
Filing Date	:NA	4)ZWICK Roland

(54) Title of the invention : SEATING FURNITURE WITH A SADDLE SHAPED SEAT BASE

(57) Abstract :

The invention relates to seating furniture (1) comprising a saddle shaped seat base (2) said seat base (2) being arranged on a seat post (3). The seat base (2) extends between a front seat stay (4) on a front stay support (5) and a rear seat stay (6) on a rear stay support (7).

No. of Pages : 41 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTROLYTE PURGATIVES

 (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 	:A61K31/538,A61K31/70,A61K33/00 :61/552431 :27/10/2011 :U.S.A. :PCT/AU2012/001315 :27/10/2012 :WO 2013/059881 :NA :NA	 (71)Name of Applicant : 1)BORODY Thomas Julius Address of Applicant :Level 1 229 Great North Road Five Dock NSW 2046 Australia 2)RAMRAKHA Sanjay 3)SAXON John 4)WETTSTEIN Antony (72)Name of Inventor : 1)BORODY Thomas Julius 2)RAMRAKHA Sanjay 3)SAXON John 4)WETTSTEIN Antony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides compositions for use in purgatives for use as purgatives and to methods for inducing purgation of the colon. In alternative embodiments the invention provides compositions e.g. a purgative comprising: a water soluble sodium salt (especially sodium sulphate) a water soluble potassium salt (especially potassium sulphate) and a water soluble magnesium salt (especially magnesium sulphate); and compositions further comprising: a bisoxatin or a detergent stool softening agent (such as sodium picosulphate) and/or a water soluble sugar (such as xylose or equivalent); or compositions having these ingredients at different amounts but at equivalent proportions. In alternative embodiments the invention provides purgative compositions comprising electrolytes salts sugars bisoxatin dyes and biofilm disruptors.

No. of Pages : 33 No. of Claims : 23

(21) Application No.3374/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

:G06F1/16 (71)Name of Applicant : (51) International classification 1)SULLIVAN Jason A. (31) Priority Document No :61/539474 (32) Priority Date Address of Applicant :299 South Main Street Suite 1300 Salt :27/09/2011 (33) Name of priority country Lake City UT 84111 U.S.A. :U.S.A. :PCT/US2012/057650 (72)Name of Inventor : (86) International Application No Filing Date :27/09/2012 1)SULLIVAN Jason A. (87) International Publication No :WO 2013/049411 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR MOUNTING DYNAMICALLY MODULAR PROCESSING UNITS

(57) Abstract :

Systems and methods for mounting a modular processing unit that is configured to be selectively used alone or with other processing units in an enterprise. A modular processing unit is provided as a platform that is lightweight compact and is configured to be selectively used alone or oriented with one or more additional processing units (including base modules and/or peripheral modules) in an enterprise. The one or more processing units are dynamically mounted based upon the particular enterprise needed and corresponding environment. In at least some implementations shock mounting is included to provide for needed shock and vibe requirements. In some implementations the mounting system includes a fixed mounting system for environments that need to be fixably secured. In other implementations a selectively releasable connector is provided to allow for ease in mounting and removing the dynamically modular processing unit. In other implementations a press fit connector is provided to allow for ease in mounting and removing the dynamically modular processing unit.

No. of Pages : 77 No. of Claims : 1

(22) Date of filing of Application :30/04/2014

(21) Application No.3444/DELNP/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : FLAT PANEL ARRAY ANTENNA

(51) International classification	:H01Q21/10	(71)Name of Applicant :
(31) Priority Document No	:13/297304	1)Andrew LLC
(32) Priority Date	:16/11/2011	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/IB2012/052989	(72)Name of Inventor :
Filing Date	:13/06/2012	1)THOMSON Alexander P.
(87) International Publication No	:WO 2013/072781	2)BIANCOTTO Claudio
(61) Patent of Addition to Application	·NI A	3)HILLS Christopher D.
Number	·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A panel array antenna has a waveguide network coupling an input feed to a plurality of primary coupling cavities. Each of the primary coupling cavities is provided with four output ports each of the output ports coupled to a horn radiator. The waveguide network is provided on a second side of an input layer and a first side of a first intermediate layer. The primary coupling cavities are provided on a second side of the first intermediate layer and the output ports provided on a first side of an output layer each of the output ports in communication with one of the horn radiators. The horn radiators are provided as an array of horn radiators on a second side of the output layer. Additional layers such as a second intermediate layer and/or slot layer may also be applied for example to further simplify the waveguide network and/or rotate the polarization.

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

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(71)Name of Applicant : (51) International classification :G01N21/64 1)LIFE TECHNOLOGIES CORPORATION (31) Priority Document No :61/541453 Address of Applicant :5791 Van Allen Way Carlsbad CA (32) Priority Date :30/09/2011 92008 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2012/058107 1)MAHER Kevin Filing Date :28/09/2012 2)CHEN Mingsong (87) International Publication No :WO 2013/049709 **3)FREUDENTHAL Jacob** (61) Patent of Addition to Application :NA 4)BOO Kuan Moon Number :NA 5)LAU Soo Yong Filing Date **6)FORTESCUE David** (62) Divisional to Application Number :NA 7)SHEN Ming Filing Date :NA 8)SOH Woon Liang Terence

(54) Title of the invention : OPTICAL SYSTEMS AND METHODS FOR BIOLOGICAL ANALYSIS

(57) Abstract :

An instrument (1000) for processing and/or measuring a biological process contains an excitation source (110) a sample holder (204) an optical sensor (118) an excitation optical system (120) and an emission optical system (125). The sample holder (204) is configured to receive a plurality of biological samples. The optical sensor (118) is configured to receive an emission from the biological samples. The excitation optical system (120) is disposed along an excitation optical path (126) and is configured to direct the electromagnetic radiation from the excitation source (110) to the biological samples. The emission optical system (125) is disposed along an emission optical path (128) and is configured to direct electromagnetic emissions from the biological samples to the optical sensor (118). The instrument further contains a plurality of filter assemblies (130 132) configured to be interchangeably located along at least one of the optical paths. The plurality of filter function the first filter function characterized by at least one of a first low pass wavelength. The second filter function comprising at least one of a second low pass wavelength that is different than the first low pass wavelength or a second high pass wavelength that is different than the first low pass wavelength or a second high pass wavelength that is different than the first optical power differs from the first filter (140).

No. of Pages : 44 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COLD STATE ENGINE FOR UTILISING AIR THERMAL ENERGY TO OUTPUT WORK **REFRIGERATION AND WATER**

(51) International classification(31) Priority Document No(22) Priority Data	:F03G7/10,F03G7/04,F01C1/22 :596481	(71)Name of Applicant : 1)LEW Jason
(32) Fhorty Date(33) Name of priority country(86) International Application No.	:New Zealand :PCT/NZ2012/000211	Manukau 2102 New Zealand (72)Name of Inventor :
(60) International Application NoFiling Date(87) International Publication No	:15/11/2012 :WO 2013/073972	1)LEW Jason
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cold state engine or an apparatus utilising air heat energy to output work refrigeration and water comprises of vaporiser high pressure expander high pressure working fluid pump ambient heat exchanger circulation pump generator pipes valves sensors which are operatively interconnected together using single or two atom gases as a working substance based on methods of cryogenic working fluid thermodynamic refrigeration cycle and frost free two stage cycle heat exchange technology wherein the single fill of cryogenic working fluid or high pressure gas as initial power to start the cycle absorbs air thermal energy vaporise into high pressure gas which then propels the expander to turn and output mechanical work and refrigeration capacity the air heat exchanger outputs refrigeration condensation and dry air. The present invention provides methods and apparatus to utilise the heat energy of environmental fluid to produce power fresh water and refrigeration.

No. of Pages : 60 No. of Claims : 36

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTENNA ADAPTER			
 (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 	:H01Q1/12 :13/297304 :16/11/2011 :U.S.A. :PCT/US2012/065425 :16/11/2012 :WO 2013/074870 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ANDREW LLC Address of Applicant :1100 CommScope Place SE Hickory North Carolina 28602 U.S.A. (72)Name of Inventor : 1)HILLS Christopher 2)THOMSON Alexander 3)BIANCOTTO Claudio 4)GARDNER Donald 	

(57) Abstract :

An antenna adapter for an antenna with a recessed adapter seat with a feed bore is provided as a base with a feed aperture the base dimensioned to seat within the adapter seat the feed aperture aligned coaxial with the feed bore. The base may be provided with interlock cavities dimensioned to receive retaining elements of the adapter seat as the base is inserted into the adapter seat retaining the base within the adapter seat. The base may include a coupler cavity coupling the feed aperture to two or more output ports. The coupler cavity may have sidewall slots.

No. of Pages : 28 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN APPARATUS AND METHOD FOR REHABILITATING AN INJURED LIMB

 (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 	:A63B23/12,A63B21/00 :213756 :23/06/2011 :Israel :PCT/IL2012/000256 :21/06/2012 :WO 2012/176200 :NA :NA :NA	 (71)Name of Applicant : 1)REHABIT TEC LTD. Address of Applicant :3 Hahilazon Street 52522 Ramat Gan Israel (72)Name of Inventor : 1)ELIA Shlomo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is a method and apparatus used for rehabilitation and training of an injured limb by using the corresponding functional healthy limb to control the motion of the injured limb. The apparatus comprises a sensor system for the healthy and active limb a powered mechanism for moving individual bones on the injured passive limb a processing unit and a power supply.

No. of Pages : 25 No. of Claims : 15

(54) Title of the invention : DRUG DELIVERY DEVICE AND ADAPTOR

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(32) Priority Date	:A61M39/10,F16L37/138 :11305927.3 :15/07/2011	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE Address of Applicant :Rue Aristide Berg's F 38800 Le Pont de
(33) Name of priority country	:EPO	Claix France
(86) International Application No	:PCT/EP2012/063827	(72)Name of Inventor :
Filing Date	:13/07/2012	1)PONCON Gilbert
(87) International Publication No	:WO 2013/010951	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a drug delivery device (100) comprising : a reservoir (10) for a product having a distally projecting end piece (20) defining an axial passageway for the transfer of the product with a distal portion (23) an adaptor (30) having a collar (31) engageable around said end piece said collar being axially movable with respect to said end piece securing means (13 24 32) for limiting the axial movement of said collar with respect to said end piece between a most distal position and a most proximal position of said collar biasing means (34; 39; 62; 70) for urging said collar towards its most distal position. The invention also relates to such an adaptor.

No. of Pages : 24 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/04/2014

(54) Title of the invention : CAMERA APPARATUS AND SYSTEM

(43) Publication Date : 05/06/2015

 (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 	:H04N7/18,H04N5/232 :1116732.7 :28/09/2011 :U.K. :PCT/GB2012/052418 :28/09/2012 :WO 2013/045948 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OVERVIEW LIMITED Address of Applicant :14 Sudlow Road London SW18 1HP U.K. (72)Name of Inventor : 1)WATKINS David 2)ELLIS David 3)YAP Swee Yeow 4)YU Xing 5)LOTT Gareth 6)RANASINGHE Sanjaya
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(57) Abstract :

A camera apparatus is provided comprising a camera including camera control electronics and a control means wherein the control means is located within the camera. A system is also provided comprising the camera apparatus and a remote control terminal in communication with the apparatus wherein control of the camera is via a user interface generated at the control terminal from data signals received from the control means located within the camera.

No. of Pages : 20 No. of Claims : 32

(21) Application No.3450/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BIOCOMPOSITE AND/OR BIOMATERIAL WITH SUNFLOWER SEED SHELLS/HUSKS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B65D81/02,C08J3/20,C08L97/02 :10 2011 086 319.2 :14/11/2011 :Germany	 (71)Name of Applicant : 1)SPC SUNFLOWER PLASTIC COMPOUND GMBH Address of Applicant :Aufm Halskamp12 48681 Garrel Germany
(86) International Application No Filing Date	:PCT/EP2012/070348 :12/10/2012	(72)Name of Inventor :1)WENDELN Ulrich2)MEYER Ulrich
(87) International Publication No	:WO 2013/072146	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a biomaterial and/or a biocomposite based on sunflower seed shells/husks. According to the invention it is proposed that sunflower seed shells/husks are used instead of wood bamboo or other wood like fibre products as the original material for the biocomposite products and are used for the production of such products in order to improve the previous biomaterials and in particular also to design said materials for improved cost efficiency and to improve their material properties.

No. of Pages : 26 No. of Claims : 9
(19) INDIA

(22) Date of filing of Application :30/04/2014

(54) Title of the invention : ALBUMIN BINDING ANTIBODIES AND BINDING FRAGMENTS THEREOF

(51) International		(71)Name of Applicant :
classification	:C0/K16/18,C0/K16/46,C0/K16/28	1)UCB PHARMA S.A.
(31) Priority Document No	:61/558559	Address of Applicant :60 Alle de la Recherche B 1070
(32) Priority Date	:11/11/2011	Brussels Belgium
(33) Name of priority country	v:U.S.A.	(72)Name of Inventor :
(86) International	DCT/ED2012/072225	1)ADAMS Ralph
Application No	.FC1/EF2012/072555	2)BHATTA Pallavi
Filing Date	.09/11/2012	3)HEYWOOD Sam Phillip
(87) International Publication	·WO 2013/068571	4)HUMPHREYS David Paul
No		
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date	.NA	
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date	.INA	

(57) Abstract :

A serum albumin binding antibody or fragment thereof comprising a heavy chain variable domain having the sequence given in SEQ ID NO: 1 or SEQ ID NO:2 and/or comprising a light chain variable domain having the sequence given in SEQ ID NO:3 or SEQ ID NO:4 in particular comprising a heavy chain variable domain and a light chain variable domain having the sequence given in SEQ ID NO: 1 and SEQ ID NO:3 or a heavy chain variable domain and a light chain variable domain having the sequence given in SEQ ID NO: 2 and SEQ ID NO:4. The disclosure also extends to polynucleotides encoding the antibodies or fragments vectors comprising same and host cells capable of expressing the polynucleotides. The disclosure further includes pharmaceutical compositions comprising the antibodies or fragments and therapeutic used of any one of the same.

No. of Pages : 70 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND CONSTRUCT FOR SYNTHETIC BIDIRECTIONAL SCBV PLANT PROMOTER

 (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 	:A01H5/00,C12N15/11,C12N15/63 :61/582148 :30/12/2011 :U.S.A. :PCT/US2012/064699 :12/11/2012 :WO 2013/101344 :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Rd. Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor : 1)KUMAR Sandeep 2)ALABED Diaa 3)BENNETT Sara 4)GUPTA Manju 5)JAYNE Susan 6)WRIGHT Terry
Number Filing Date	:NA :NA	

(57) Abstract :

Provided are constructs and methods for expressing multiple genes in plant cells and/or plant tissues. The constructs provided comprise at least one bi directional promoter linked to multiple gene expression cassettes wherein the bi directional promoter comprises a functional promoter nucleotide sequence from Sugar Cane Bacilliform Virus promoter. In some embodiments the constructs and methods provided employs a bi directional promoter based on a minimal core promoter element from a Zea mays Ubiquitin 1 gene or a functional equivalent thereof and nucleotide sequence elements from a Sugar Cane Bacilliform Virus promoter. In some embodiments the constructs and methods provided allow expression of genes between three and twenty.

No. of Pages : 203 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SLURRY DISTRIBUTOR SYSTEM AND METHOD FOR USING SAME

(51) International classification	1:B28B19/00,B05C5/02,B29C47/16	(71)Name of Applicant :
(31) Priority Document No	:61/550827	1)UNITED STATES GYPSUM COMPANY
(32) Priority Date	:24/10/2011	Address of Applicant :550 West Adams Street Chicago Illinois
(33) Name of priority country	:U.S.A.	60661 3676 U.S.A.
(86) International Application	·DCT/US2012/061632	(72)Name of Inventor :
No	.24/10/2012	1)LI Alfred
Filing Date	.24/10/2012	2)LEE Chris C.
(87) International Publication	·WO 2013/063073	3)CHAN Cesar
No		4)SCHENCK Ronald E.
(61) Patent of Addition to	·NA	5)SONG Weixin David
Application Number	·NA	6)LORING Curt
Filing Date		7)WITTBOLD James
(62) Divisional to Application	·NA	8)RAGO William
Number	·NA	
Filing Date	.1 1/ 1	

(57) Abstract :

A slurry distributor can include a feed conduit and a distribution conduit in fluid communication therewith. The feed conduit can include a first and second feed inlets disposed in spaced relationship to each other. The distribution conduit can extend generally along a longitudinal axis and include an entry portion and a distribution outlet in fluid communication therewith. The entry portion is in fluid communication with the first and second feed inlets of the feed conduit. The distribution outlet extends a predetermined distance along a transverse axis. The first and second feed inlets each has an opening with a cross sectional area. The entry portion of the distribution conduit has an opening with a cross sectional area which is greater than the sum of the cross sectional areas of the openings of the first and second feed inlets. The slurry distributor can be placed in fluid communication with a gypsum slurry mixer.

No. of Pages : 113 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H03K3/84	(71)Name of Applicant : 1)INSTITUTO POTOSINO DE INVESTIGACION
(32) Priority Date	:01/11/2011	CIENTIFICA Y TECNOLOGICA AC.
(33) Name of priority country	:U.S.A.	Address of Applicant :Camino a la Presa San Jos 2055 Col.
(86) International Application No	:PCT/MX2012/000108	Lomas 4a Secci ³ n C.P. 78216 San Luis Potos S.L.P. Mexico
Filing Date	:01/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/066143	1)CAMPOS CANTON Eric
(61) Patent of Addition to Application	·NA	2)CAMPOS CANTON Isaac
Number	·NA	3)BARAJAS RAMIREZ Juan Gonzalo
Filing Date	.117	4)FERMAT FLORES Alejandro Ricardo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RECONFIGURABLE MULTIVIBRATOR ELEMENT BASED ON CHAOS CONTROL

(57) Abstract :

A reconfigurable element based on nonlinear (chaotic) dynamics is adapted to implement the three different multivibrator configurations. A nonlinear dynamical system, under parameter modulating control, operates as a tunable oscillator with different dynamical regimes which in turn provide the different multivibrator configurations (monostable, astable, and bistable). The reconfigurable multivibrator is realized as a tunable circuit which includes an input stage for receiving at least one input voltage signal and an output stage that produces a digital two-level electric output signal. The all-in-one reconfigurable multivibrator device consisting of a nonlinear oscillator circuit electrically coupled to the input/output circuitry is used in at least, but not limited to three basic applications, namely, an irregular width pulse generator, a rising flank trigger and a full RS flip-flop device.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :30/04/2014

(54) Title of the invention · DOOR STOP DEVICE

(43) Publication Date : 05/06/2015

(+ -)		
(51) International classification	:E05C17/20	(71)Name of Applicant :
(31) Priority Document No	:11/03088	1)PRIEUR ANDR‰
(32) Priority Date	:11/10/2011	Address of Applicant :27 Rue Raymond Ridel F 92250 La
(33) Name of priority country	:France	Garenne Colombes France
(86) International Application No	:PCT/EP2012/004117	(72)Name of Inventor :
Filing Date	:01/10/2012	1)PRIEUR ANDR‰
(87) International Publication No	:WO 2013/053444	
(61) Patent of Addition to Application	٠NIA	
Number	.NA ·NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is related to a door stop device, comprising a blocking mechanism (2) and a guiding arm (1), one of these being fastened to the opening part of the door, the other being fastened to the frame, the said blocking mechanism (2) comprising a braking element (24) pressed against a braking roller (21) which is kept in contact with the guiding arm (1), the axle (22) of said braking roller (21) being allowed to move relatively to the body of blocking mechanism (2) within specified limits, said blocking mechanism (2) also comprising elastic means (26) defined to bring braking roller (21) and braking element (24), back in compression against each other. A mobile interface imit (25), allows to modulate the load generated by the elastic means (26), increasing the load when braking roller (21) is in locked position and decreasing the load when braking roller (21) rotates freely.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : GRAFTED MEMBRANES AND SUBSTRATES HAVING SURFACES WITH SWITCHABLE SUPEROLEOPHILICITY AND SUPEROLEOPHOBICITY AND APPLICATIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B01D69/00,B01D71/00,C08J7/12 :61/540361 :28/09/2011 :U.S.A. :PCT/IB2012/002560 :27/09/2012	 (71)Name of Applicant : 1)KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY Address of Applicant :4700 King Abdullah University of Science and Technology Thuwal 23955 6900 Saudi Arabia (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to	:WO 2013/046056	1)ZHANG Lianbin 2)WANG Peng
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Disclosed herein are surface modified membranes and other surface modified substrates exhibiting switchable oleophobicity and oleophilicity in aqueous media. These membranes and substrates may be used for variety of applications including controllable oil/water separation processes oil spill cleanup and oil/water purification. Also provided are the making and processing of such surface modified membranes and other surface modified substrates.

No. of Pages : 50 No. of Claims : 108

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

 (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 	:F01N3/20 :10 2011 118 214.8 :11/11/2011 :Germany :PCT/EP2012/070357 :15/10/2012 :WO 2013/068201 :NA :NA :NA :NA	 (71)Name of Applicant : EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant :Hauptstrae 128 53797 Lohmar Germany (72)Name of Inventor : BRCK Rolf HODGSON Jan BAUER Peter
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(54) Title of the invention : METHOD FOR OPERATING A METERING DEVICE

(57) Abstract :

The invention relates to a method for operating a metering device (1) for adding an additive into a waste gas treatment device (2). In a step a) of said method a metered quantity of the additive required by the waste gas treatment device (2) is determined. Then in a step b) a mode of operation for the metering device (1) is determined wherein at least a step b.1) and a step b.2) are performed. In step b.1) at least one operating parameter of at least one component of the metering device (1) is provided which is decisive for an aging of the metering device (1). In step b.2) a mode of operation for the metering device (1) is operated with the defined mode of operation so that the metered quantity required according to step a) is supplied to the waste gas treatment device (2).

No. of Pages : 30 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(51) International classification:A01D(31) Priority Document No:61/54'(32) Priority Date:21/10,(33) Name of priority country:U.S.A(86) International Application No:PCT/CFiling Date:19/10,(87) International Publication No:WO 2(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	D41/127 49820 0/2011 A.(71)Name of Applicant : 1)PIONEER HI BRED INT Address of Applicant :7100 50131 1014 U.S.A.(VS2012/061037 0/2012 2013/059602(72)Name of Inventor : 1)JOHNSON David 2)RIZZO Matthew John 3)SCHMIDT James Reuber 4)STOTT Barry 5)UNRAU Zane Wesley	TERNATIONAL INC.) N.W. 62nd Avenue Johnston Iowa n
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(54) Title of the invention : COMBINE HARVESTER AND ASSOCIATED METHOD FOR GATHERING GRAIN

(57) Abstract :

A combine harvester (10) is provided that separates grain material from material other than grain using multiple processing areas including a harvesting area (15) a feederhouse area (17) a threshing area (20) a cleaning area (22) and a grain delivery area (25). In a location at or prior to entering one of the processing areas (15 17 20 22 25) the material may be collected and held until a collection threshold is reached. Once it is determined that the collection threshold is reached the material forming a first group of material may be transported from the location to the processing area or a subsequent processing area. The first group of material is transported from the location to the processing area or the subsequent processing area substantially simultaneously and thus simulates the gathering of a large amount of crop material even when small plots are involved. In this way reduced cycle times may be achieved and the efficiency benefits of large plot harvesting may be extended to small plot applications.

No. of Pages : 33 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PRODUCING A STRUCTURAL COMPONENT DEVICE FOR CARRYING OUT THE METHOD AND STRUCTURAL COMPONENT

(51) International classification	:B29C70/34,B29C70/46,B29B11/16	(71)Name of Applicant : 1)JOHNSON CONTROLS GMBH
(31) Priority Document No	:10 2011 086 601.9	Address of Applicant :Industriestrae 20 30 51399 Burscheid
(32) Priority Date	:17/11/2011	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/067953 :13/09/2012	1)FLOCK Dustin 2)MEIER Bernd
(87) International Publication No	:WO 2013/072091	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a structural component (2) from an organometallic sheet (3). It is thereby provided that in a first step the organometallic sheet (3) is preheated introduced into a tool (1) and subsequently reformed in a second step a region (3.2) of the re formed organometallic sheet (3) is heated and in a third step at least the heated region (3.2) of the re formed organometallic sheet (3) is reformed further in such a way that it enters into a material bond with a further region of the organometallic sheet (3) to form an at least partly closed hollow profile. The invention also relates to a device for carrying out the method for producing a structural component from an organometallic sheet (3) and to a structural component (3) produced by the method.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR STORING INFORMATION ON A SPECTACLES LENS SPECTACLES LENS BLANK OR SPECTACLES LENS SEMI FINISHED PRODUCT

 (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 	:G02C7/02 :10 2011 089 704.6 :22/12/2011 :Germany :PCT/EP2012/076613 :21/12/2012 :WO 2013/092987 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CARL ZEISS VISION INTERNATIONAL GMBH Address of Applicant :Gartenstrasse 97 73430 Aalen Germany (72)Name of Inventor : 1)DANGELMAIER Andreas 2)HOLTMANN Simon 3)SCH–N Roland 4)HORNAUER Matthias
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(57) Abstract :

On a glass or plastic body embodied as spectacles lens (4) spectacles lens blank or spectacles lens semi finished product information in the form of data on or in the glass or plastic body (4) is stored by creating at least one marking (32) which can be read by a reader by means of a marking system. The marking system has an interface for reading information individualizing this glass or plastic body (4). The at least one marking (32) is created permanently by the marking system on or in the glass or plastic body (4) at a definition point (18) of a local body specific glass or plastic body coordinate system (20) set by two points (16 18) on or in the glass or plastic body (4). In this local glass or plastic body coordinate system (20) the manufacturer specifies the position of the lens horizontal (24) and/or the distance and/or the near and/or the prism reference point (16 11 18).

No. of Pages : 29 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PREPARING POLYMERIC SHEETS DERIVED FROM POLYISOCYANATES

 (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 	:B29C39/00,B29C67/24 :61/554023 :01/11/2011 :U.S.A. :PCT/US2012/062385 :29/10/2012 :WO 2013/066800 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor : 1)GRAHAM Marvin J. 2)GALO George A. 3)LAGASI Matteo 4)RETSCH William H.
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(57) Abstract :

Described is a method of preparing a cured non elastomeric polymeric sheet derived from a polyisocyanate. The method comprises the following steps: combining a first component (20) and second separate component (22) to form a reaction mixture; introducing the reaction mixture into a preheated sheet mold (10) at a certain minimum fill rate; allowing the reaction mixture to gel; heating the reaction mixture to a temperature and for a time sufficient to yield a cured sheet having a thickness of at least 6.35 mm (0.25 in); and removing the cured sheet from the mold to yield a non elastomeric polymeric sheet. When the active hydrogen functional groups in the second component include hydroxyl groups the first and second components are initially heated to a temperature of at least 50°C. Polyurethane sheets formed by such processes demonstrate minimal optical defects and the process allows for the production of superior sheets of higher thicknesses than previously possible.

No. of Pages : 40 No. of Claims : 19

(21) Application No.3462/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : STRETCHABLE SOLVENT FREE COMPLETELY AMORPHOUS SOLID ELECTROLYTE FILMS

 (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 	:H01M6/18,H01M10/0562 :61/549416 :20/10/2011 :U.S.A. :PCT/US2012/061266 :22/10/2012 :WO 2013/059769 :NA :NA	 (71)Name of Applicant : 1)THE UNIVERSITY OF AKRON Address of Applicant :302 E. Buchtel Common Akron Ohio 44325 U.S.A. (72)Name of Inventor : 1)KYU Thein 2)ECHERRIVERI Mauricio
Filing Date	:NA :NA	

(57) Abstract :

A method of creating an electrolyte film includes mixing succinonitrile (SCN) lithium salt and crosslinkable polyether addition to form an isotropic amorphous mixture; and crosslinking the crosslinkable polyether to form a cured film wherein the cured film remains amorphous without undergoing polymerization induced phase separation or crystallization.

No. of Pages : 46 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TRICYCLO PHOSPHOROTHIOATE DNA

 (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 	:C12N15/113,C12N15/11,A61K31/712 :11185129.1 :13/10/2011 :EPO :PCT/EP2012/070349 :12/10/2012 :WO 2013/053928	 (71)Name of Applicant : 1)ASSOCIATION INSTITUT DE MYOLOGIE Address of Applicant :Btiment Babinski 47 boulevard de H'pital F 75013 Paris France 2)UNIVERSIT,,T BERN 3)UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 4)INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 5)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (72)Name of Inventor : 1) LEUMANN Christian
 (61) Patent of Addition to Application Number	:NA	1)LEUMANN Christian
Filing Date (62) Divisional to Application Number	:NA	2)GARCIA Luis
Filing Date	:NA	3)VOIT Thomas

(57) Abstract :

The present invention relates to a nucleic acid molecule containing a sequence of tricyclo nucleosides joined by internucleoside phosphorothioate linkage. The invention also relates to synthetic antisense oligonucleotides and to methods employing the same.

No. of Pages : 65 No. of Claims : 14

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS OF USING MICRORNA 195 IN PROVIDING NEUROPROTECTION (51) International classification :A61K48/00 (71)Name of Applicant : (31) Priority Document No 1)DCB USA LLC :61/555152 (32) Priority Date Address of Applicant :1007 North Orange Street 9th Floor :03/11/2011 (33) Name of priority country New Castle County Wilmington DE 19801 U.S.A. :U.S.A. (86) International Application No 2)KAOHSIUNG MEDICAL UNIVERSITY :PCT/US2012/063604 Filing Date (72)Name of Inventor : :05/11/2012 (87) International Publication No :WO 2013/067531 1)JUO Suh hang H. (61) Patent of Addition to Application 2)WANG Yung Song :NA Number 3)CHENG Hsin Yun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method for providing neuroprotection comprising administering to a subject an effective amount of a miRNA or a variant thereof. By providing neuroprotection stroke or ischemic stroke can be prevented and/or treated.

No. of Pages : 37 No. of Claims : 23

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:11188973.9	1)ERICSSON MODEMS SA
(32) Priority Date	:14/11/2011	Address of Applicant : Chemin du Champ des Filles 39 CH
(33) Name of priority country	:EPO	1228 Plan les Ouates Switzerland
(86) International Application No	:PCT/EP2012/072558	(72)Name of Inventor :
Filing Date	:14/11/2012	1)NILSSON Magnus
(87) International Publication No	:WO 2013/072337	
(61) Patent of Addition to Application	٠NIA	
Number	NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WIRELESS TRANSMISSION

(57) Abstract :

A wireless communication device (400) is arranged to transmit a transmission signal in an assigned channel bandwidth. The wireless communication device (400) comprises: a local oscillator (460) arranged to generate a local oscillator signal at a local oscillator frequency and a modulator (434) arranged for converting in phase and quadrature phase components of a modulation signal at a modulation frequency to a radio frequency by mixing the in phase and quadrature phase components with the local oscillator signal. The local oscillator frequency is arranged to place a third order intermodulation product having a frequency equal to the local oscillator frequency minus three times the modulation frequency within the assigned channel bandwidth.

No. of Pages : 34 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR THE SIMULTANEOUS PRODUCTION OF ETHANOL AND A FERMENTED SOLID PRODUCT

(51) International classification	:C12P7/06,C12P7/10,A23K1/00	(71)Name of Applicant :
(31) Priority Document No	:61/543907	1)HAMLET PROTEIN A/S
(32) Priority Date	:06/10/2011	Address of Applicant :Saturnvej 51 DK 8700 Horsens
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2012/069601	(72)Name of Inventor :
Filing Date	:04/10/2012	1)HANSEN Ole Kaae
(87) International Publication No	:WO 2013/050456	2)ELLEGRD Katrine Hvid
(61) Patent of Addition to	.N. A	3)THOMSEN Karl Kristian
Application Number		
Filing Date	.NA	
(62) Divisional to Application	-NI A	
Number		
Filing Date	.1NA	

(57) Abstract :

The invention relates to a method for the simultaneous production of a fermented solid product and ethanol comprising the following steps: 1) providing a mixture of milled or flaked or otherwise disintegrated biomass comprising oligosaccharides and/or polysaccharides and live yeast in a dry matter ratio of from 2:1 to 100:1 and water; 2) fermenting the mixture resulting from step (1) under conditions where the water content in the initial mixture does not exceed 65 % by weight for 1 36 hours at a temperature of about 25 60°C under anaerobic conditions; 3) incubating the fermented mixture resulting from step (2) for 0.5 240 minutes at a temperature of about 70 150°C; and 4) separating wet fermented solid product from the fermented mixture resulting from step (3); further comprising either a) that the fermentation in step (2) is performed in one or more interconnected paddle worm or continuous worm conveyers with inlet means for the fermentation mixture and additives and outlet means for the ferment as well as control means for rotation speed temperature and pH or b) that one or more processing aids are added in any of steps (1) (2) and (3) and further comprising a step of 5) separating crude ethanol from the fermented mixture in step (2) by vacuum and/or in step (3) by vacuum or by injection of steam and condensing the surplus stripping steam. The invention further relates to the products of this method as well as uses thereof.

No. of Pages : 30 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF FORMIC ACID BY REACTION OF CARBON DIOXIDE WITH HYDROGEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07F15/00,C07C51/15,C07C53/02 :11188591.9 :10/11/2011 :EPO :PCT/EP2012/072013 :07/11/2012	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)SCHAUB Thomas 2)PAZICKY Marek 3)FRIES Donata Maria 4)PACIELLO Rocco
(87) International Publication No	:WO 2013/068389	5)MEIER Anton
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a process for the preparation of formic acid by reaction of carbon dioxide with hydrogen.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MONITORING PERFORMANCE IN A COMMUNICATIONS NETWORK

 (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 	:H04L12/24,H04L29/06 :NA :NA :NA :PCT/EP2011/073853 :22/12/2011 :WO 2013/091715 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)HANDURUKANDE Sidath 2)FEDOR Szymon
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(57) Abstract :

A method for monitoring the performance of a media streaming service being used to deliver media streams to user equipment devices comprises the step of determining an encoding characteristic of a first media stream (201) being monitored. A functional dependency model is established between a first System Service Key Performance Indicator S KPI and one or more Resource Service Key Performance Indicators R KPIs for the first media stream (203). The established functional dependency model is used for monitoring a second media stream having the same encoding characteristic as the first media stream (205).

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(51) International classification :B32B5/14 (71)Name of Applicant : 1)SONY CORPORATION (31) Priority Document No :2011158723 (32) Priority Date Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 :20/07/2011 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2012/003939 (72)Name of Inventor : Filing Date :15/06/2012 1)YUKUMOTO Tomomi (87) International Publication No :WO 2013/011629 2)YAMASAKI Takeshi (61) Patent of Addition to Application 3)AKIYAMA Shoji :NA Number 4)AKIYAMA Yuji :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMPOSITE STRUCTURE AND MANUFACTURING METHOD THEREFOR

(57) Abstract :

There is provided a composite structure including: at least two substrates which are made of thermoplastic resin and which are bonded by thermocompression; and at least one member which is made of a material whose heat distortion temperature is higher than a heat distortion temperature of the thermoplastic resin and which is inserted into a space formed in at least one of the substrates. The member inserted in the space is fixed and held by wall surfaces which form the space of the substrates and which are thermally deformed by thermocompression.

No. of Pages : 26 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 05/06/2015

(51) International classification ·F05B (71) Name of Applicant ·	(54) Title of the invention : CYLINDER HOUSING			
 (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (35) Filing Date (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication Number (31) Priority Date (32) Priority Date (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) NA (35) International Publication Number (36) Patent of Addition to Application Number (37) NA (38) Name of Inventor : (39) NA (39) International Publication Number (30) NA (31) Publication Number (32) Priority Date (32) Priority Country (32) Priority Date (33) Name of Priority Country (34) Priority Country (35) Priority Country (36) Patent of Addition to Application Number (36) Patent of Addition to Application Number (37) NA (38) Priority Country (39) Priority Country (30) Priority Country (31) Priority Country (32) Priority Country (32) Priority Country (31) Priority Country (32) Priority Country (32) Priority Country (33) Priority Country (34) Priority Country (35) Priority Country (36) Priority Country (36) Priority Country (37) Priority Country (38) Priority Country (39) Priority Country (30) Priority Country (31) Priority Country (32) Priority Country (31) Priority Country (32) Priority Country (32) Priority Country (31) Priority Country (32) Priority Country (32) Priority Priority Country (32) Priority Country <l< td=""><td> (54) Title of the invention : CYLINDER HOUS (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 </td><td>E05B :102012111606.7 :29/11/2013 :Germany :NA :NA :NA :NA :NA :NA :NA</td><td> (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)ZIMMER, JENS </td></l<>	 (54) Title of the invention : CYLINDER HOUS (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 	E05B :102012111606.7 :29/11/2013 :Germany :NA :NA :NA :NA :NA :NA :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)ZIMMER, JENS 	

(57) Abstract :

The present invention relates to a cylinder housing for a lock cylinder of a motor vehicle, having an opening for receiving a cylinder core, wherein the cylinder housing is formed from plastic. It is essential to the invention here that at least the plastic is reinforced at least in certain regions with aramid fibers. This makes it possible to provide an extremely robust cylinder housing which increases, in 10 particular, the forcing resistance of a door lock equipped therewith.

No. of Pages : 9 No. of Claims : 7

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN ANCHORING SYSTEM

(51) International classification	:F16B13/14,E04B1/41	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EPODPAK INTERNATIONAL INC
(32) Priority Date	:NA	Address of Applicant :28th Floor Tower 2 The Enterprise
(33) Name of priority country	:NA	Center 6766 Ayala Aevnue Comer Paseo de Roxas Makati City
(86) International Application No	:PCT/PH2011/000018	1266 Phillipines
Filing Date	:11/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2013/055240	1)BRAEDER Dart Daniel David
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system 1 is disclosed for anchoring a securing device 14 in a bore in a substrate. The system comprises a rupturable container 2 for each of respective mixable components of the system 1 which containers 2 are rupturable together to mix the respective components. Means 8 are provided to hold the respective containers 2 substantially together to enhance mixing of the components when the containers 2 are ruptured.

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

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (86) International Application No (87) International Publication Number (87) Filing Date (82) Divisional to Application Number (82) Divisional to Application Number (83) NA 	8F8/22 11243780 /11/2011 Dan T/JP2012/078368 (11/2012 O 2013/069542(71)Name of Applicant : 1)KANEKA CORPORATION Address of Applicant :3 18 Nakanoshima 2 chome Kita ku Osaka shi Osaka 5308288 Japan (72)Name of Inventor : 1)INAOKA Tetsuo 2)OHARA Daichi 3)OHASHI ToshiakiA
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(54) Title of the invention : METHOD FOR PRODUCING CHLORINATED VINYL CHLORIDE RESIN

(57) Abstract :

This method for producing a chlorinated vinyl chloride resin produces a chlorinated vinyl chloride resin by chlorinating a vinyl chloride resin by irradiating the inside of a reactor into which the vinyl chloride resin and chlorine have been introduced with ultraviolet light. The irradiation of ultraviolet light is carried out using at least one kind of light source that is selected from the group consisting of an ultraviolet LED an organic EL an inorganic EL and an ultraviolet laser. A chlorinated vinyl chloride resin which is suppressed in initial coloring during hot forming and/or has improved thermal stability can be provided by this method for producing a chlorinated vinyl chloride resin.

No. of Pages : 37 No. of Claims : 5

(22) Date of filing of Application :30/04/2014

(54) Title of the invention : METHOD FOR PRODUCING A TOOTHBRUSH HANDLE HAVING AN INNER CAVITY

 (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 	:B29C49/02,B29C49/24,B29C49/48 :61/562675 :22/11/2011 :U.S.A. :PCT/US2012/066320 :21/11/2012 :WO 2013/078357 :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts (2127 U.S.A. (72)Name of Inventor : 1)WEN Cathy 2)NEWMAN Matthew Lloyd 3)BIRK Andreas 4)BRESSELSCHMIDT Andreas 5)HORTON Andrew Joseph 6)HOUGHTON Stephen Alan 7)HUSTEDT Siegfried Kurt Martin 8)JACKSON Scott 9)KAWERAU Jochen 10)NEUFARTH Ralph Edwin 11)PFEIFER Ulrich 12)PHILLIPS Bradley John 13)REICK Hansjoerg 14)SATTERFIELD Richard Darren 15)SCHMELCHER Heidrun Annika 16)SCHMID Franziska 17)STOERKEL Jens Uwe 18)UHE Andrew M. 19)WEST George
		18)UHE Andrew M. 19)WEST George 20)WINKLER Tilmann 21)RYAN Christopher Thomas

(57) Abstract :

Methods of producing toothbrush handles having an inner cavity are provided.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : RNAI FOR THE CONTROL OF FUNGI AND OOMYCETES BY INHIBITING SACCHAROPINE DEHYDROGENASE GENE

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C12N15/113,C12N15/82,A01H5/00 :11356013.0 :04/10/2011	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :1)DELEBARRE Thomas
(86) International Application No Filing Date	:PCT/EP2012/069521 :03/10/2012	2)DORME Ccile 3)ESSIGMANN Bernd 4)SCHMITT Frdric
(87) International Publication No	¹ :WO 2013/050410	5)VILLALBA Fran§ois 6)PAGET Eric
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to control of plant pathogens particularly fungi or oomycetes by inhibiting one or more biological functions particularly by inhibiting saccharopine dehydrogenase gene(s) using RNA interference. The invention provides methods and compositions using RNA interference of plant pathogens target genes for such control. The invention is also directed to methods for making transgenic plants tolerant to said plant pathogens and to transgenic plants and seeds generated thereof.

No. of Pages : 138 No. of Claims : 18

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : RAIL VEHICLE

(51) International classification	:B60L1/00,B61D49/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 087 442.9	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:30/11/2011	Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ /4nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/073575	(72)Name of Inventor :
Filing Date	:26/11/2012	1)DI BONAVENTURA Stefan
(87) International Publication No	:WO 2013/079432	2)MARKL J¼rgen
(61) Patent of Addition to Application	•N A	
Number	·NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a rail vehicle comprising at least one bogle (14) and a supply device (30) for electrical supply which supply device has a fuse protection apparatus (34) a distributing apparatus (36) which is arranged in the rail vehicle interior (25) and which is electrically connected to the fuse protection apparatus (34) and a first housing (38) which is arranged in the rail vehicle underfloor area (26) and which comprises electrical components (40) that are electrically connected to the distributing apparatus (36) wherein the bogie (14) viewed in the direction of travel (18) of the rail vehicle is arranged between the distributing apparatus (36) and the first housing (38). According to the invention in order to provide a generic rail vehicle for which short cable paths can be achieved and double laying of cables can be avoided in a bogie area the fuse protection apparatus (34) is arranged in a second housing (46) different from the first housing (38) wherein the first and second housings (38 46) viewed in the direction of travel (18) of the rail vehicle are arranged on both sides of the bogie (14).

No. of Pages : 13 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ENGINEERED COMPOSITE MATERIAL AND PRODUCTS PRODUCED THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A47K1/04,C04B26/02,A47K4/00 :61/718514 :25/10/2012 :U.S.A. :PCT/US2013/066700	 (71)Name of Applicant : 1)KOHLER CO. Address of Applicant :444 Highland Drive Kohler Wisconsin 53044 U.S.A. (72)Name of Inventor : 1)SCHIBUR Mark W.
Filing Date (87) International Publication No	:24/10/2013 :WO 2014/066693	2)TEUBERT John A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composite material includes a polymer matrix material and filler material that includes vitreous china. The composite material has a water absorption of less than about one percent. Such a composite material may be used in the production of articles such as sinks bathtubs shower receptors and other articles that may benefit from low water absorption properties.

No. of Pages : 31 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTEGRATED SYSTEM FOR ELECTRO-BLOTTING

(51) International classification:G01N(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NAState	 (71)Name of Applicant : 1)GE HEALTHCARE BIO-SCIENCES AB Address of Applicant :Bjorkgatan 30, S-751 84 Uppsala, Sweden (72)Name of Inventor : 1)URBAN JONSSON AXELSSON 2)LARS ERIK HAMMARSTRAND 3)KITTUR GIRISH 4)SUBRAHMANYA BHARATH 5)SHEKAR AMBEPU 6)BHAT MAHESH 7)CHAKRAVARTHY DUGGIRALA KALYANA
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(57) Abstract :

An integrated system for performing electro-blotting, probing and drying of the membrane is disclosed. The integrated system comprises a transfer unit for receiving one or more transfer sandwich holder. Each transfer sandwich holder holding a transfer sandwich comprises a gel member and the membrane. The transfer unit is configured to transfer samples from the gel member to the membrane. The integrated system also includes a probing unit for receiving the membrane therewithin. The membrane is exposed to a plurality of antibodies for binding with the samples in the membrane. A drying unit is also present for drying the membrane with hot air.

No. of Pages : 49 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM FOR MONITORING TYRE PRESSURES OF A PLURALITY OF WHEELS OF A MOTOR VEHICLE AND PRESSURE MONITORING METHOD

 (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 	:B60C23/06 :11 03312 :31/10/2011 :France :PCT/EP2012/071634 :31/10/2012 :WO 2013/064581 :NA	 (71)Name of Applicant : 1)JOHNSON CONTROLS AUTOMOTIVE ELECTRONICS SAS Address of Applicant :10 Avenue de lEntreprise F 95892 Cergy Pontoise Cedex France (72)Name of Inventor : 1)HERNANDO Serge 2)NOEL Christian 3)PINARD Thierry
Number Filing Date	:NA :NA	3)PINARD Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a system for monitoring the pressure in the tyres of a plurality of wheels of a motor vehicle the monitoring system comprising a first sensor module the first sensor module comprising at least one sensor measuring the angular velocity of at least part of the plurality of wheels of the motor vehicle the monitoring system comprising a means for determining from the angular velocity of at least part of the plurality of wheels of the motor vehicle a signal indicative of a first value of the heading of the motor vehicle the monitoring system moreover comprising a second sensor module generating a signal indicative of a second value of the heading of the motor vehicle and an abnormal situation with the pressure in at least one of the tyres of the plurality of the wheels of the motor vehicle are not consistent with one another.

No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING ALL SOLID STATE THIN FILM BATTERIES

(51) Internationalclassification(31) Priority Document No(32) Priority Date(33) Name of prioritycountry	:H01M4/04,H01M10/0525,C25D13/02 :11 59886 :02/11/2011 :France	 (71)Name of Applicant : 1)I TEN Address of Applicant :15 boulevard Marius Vivier Merle F 69003 Lyon France (72)Name of Inventor : 1)BOUYER Frdric
 (86) International Application No Filing Date (87) International Publication No 	:PCT/FR2012/052514 :30/10/2012 :WO 2013/064779	2)VUILLEMIN Bruno 3)GABEN Fabien
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

The invention relates to a method for manufacturing all solid state thin film batteries said batteries including a layer of anode materials a layer of solid electrolyte materials and a layer of cathode materials in which method each of said three layers is deposited by an electrophoresis method; the anode layer and the cathode layer are each deposited on a conductive substrate preferably a thin metal sheet or strip or a metallised insulating sheet strip or film wherein said conductive substrates or the conductive elements thereof are useful as battery current collectors; and the electrolyte layer is deposited on the anode and/or cathode layer. The method also includes at least one step of stacking said sheets or strips such as to form at least one battery with the following stack structure: collector / anode / electrolyte / cathode / collector.

No. of Pages : 68 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:61/541342	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:30/09/2011	Address of Applicant :5791 Van Allen Way Carlsbad CA
(33) Name of priority country	:U.S.A.	92008 U.S.A.
(86) International Application No	:PCT/US2012/057716	(72)Name of Inventor :
Filing Date	:28/09/2012	1)JANAWAY Gordon
(87) International Publication No	:WO 2013/049443	2)ALIMINATI Manjula
(61) Patent of Addition to Application	·NIA	3)WU Ruoyun
Number	·NA	4)FORTESCUE David
Filing Date	.111A	5)SHEN Ming
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHODS AND SYSTEMS FOR VISUALIZING AND EVALUATING DATA

(57) Abstract :

A computer implemented method of generating a digital polymerase chain reaction (dPCR) result is provided. The method includes detecting a first set of emission data from a plurality of samples each included in a sample region of a plurality of sample regions at a first time during an amplification period. The method further includes determining a positive or negative amplification determination for each sample of the plurality of samples based in part on the first set of emission data. A dPCR result is generated based on the positive or negative amplification determinations for the plurality of samples.

No. of Pages : 41 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BROAD DETECTION OF DENGUE VIRUS SEROTYPES

(51) International classification	:C12Q1/68,C12Q1/04,C12N15/11	(71)Name of Applicant :
(31) Priority Document No	:61/554126	1)THE GOVERNMENT OF THE USA AS REPRESENTED
(32) Priority Date	:01/11/2011	BY THE SECRETARY OF THE DEPT OF HEALTH AND
(33) Name of priority country	:U.S.A.	HUMAN SERVICES
(86) International Application No Filing Date	:PCT/US2012/061828 :25/10/2012	Address of Applicant :Centers For Disease Control And Prevention 4770 Buford Highway Technology Transfer Office Atlanta GA 30341 U.S.A.
(87) International Publication No	:WO 2013/066705	(72)Name of Inventor : 1)MUNOZ JORDAN Jorge L.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)VERGNE Edgardo 3)SANTIAGO Gilberto
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Processes for detecting Dengue virus (DENV) nucleic acid in a sample are provided including producing an amplification product by amplifying DENV nucleotide sequence and detection of an amplification by hybridization of a probe or other technique. The processes use primers or probes with introduced mutations and or degenerate bases that provide excellent superiority in detection and serotyping of DENV in a sample.

No. of Pages : 59 No. of Claims : 42

(22) Date of filing of Application :30/04/2014

(54) Title of the invention : TOOTHBRUSH HANDLE HAVING AN INNER CAVITY

 (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 	:A46B5/02 :61/562675 :22/11/2011 :U.S.A. :PCT/US2012/066316 :21/11/2012 :WO 2013/078355 :NA :NA :NA :NA	 (71)Name of Applicant : THE PROCTER & GAMBLE COMPANY Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts (2127 U.S.A. (72)Name of Inventor : NEWMAN Matthew Lloyd WEN Cathy BRESSELSCHMIDT Andreas 5)HORTON Andrew Joseph 6)KAWERAU Jochen 7)PFEIFER Ulrich 8)SATTERFIELD Richard Darren 9)SCHMELCHER Heidrun Annika 10)SCHMID Franziska 11)STOERKEL Jens Uwe
Filing Date	:NA	10)SCHMID Franziska 11)STOERKEL Jens Uwe 12)WEST George 13)WINKLER Tilmann 14)HUSTEDT Siegfried Kurt Martin

(57) Abstract :

A toothbrush handle comprising a terminal end a connector end an outer surface an inner cavity and a longitudinal axis. The inner cavity has a surface defining a cross sectional area. The inner surface has at least one of a greater cross sectional area bordered by two lesser cross sectional areas along the longitudinal axis or a lesser cross sectional area bordered by two greater cross sectional areas along the longitudinal axis or a lesser cross sectional area. A wall is formed from the outer cavity surface to the inner cavity surface. The toothbrush handle comprises a single unitary component. The difference between the outer cross sectional area and the inner cavity surface cross sectional area varies less than 25 % over at least 50% of the toothbrush handle length along the longitudinal axis.

No. of Pages : 34 No. of Claims : 11

(22) Date of filing of Application :30/04/2014

(54) Title of the invention : METHOD FOR PRODUCING A TOOTHBRUSH HANDLE HAVING AN INNER CAVITY

		(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(51) International classification	:B29C49/06,A46B5/02,A46D3/00	Address of Applicant :World Shaving Headquarters IP/Legal
(31) Priority Document No	:61/562675	Patent Department 3E One Gillette Park Boston Massachusetts
(32) Priority Date	:22/11/2011	02127 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application	DCT/US2012/066222	1)PFEIFER Ulrich
No	PC1/052012/000525	2)NEWMAN Matthew Lloyd
Filing Date	.21/11/2012	3)WEN Cathy
(87) International Publication	WO 2012/079260	4)BIRK Andreas
No	. WO 2015/078500	5)BRESSELSCHMIDT Andreas
(61) Patent of Addition to	.N. A	6)HORTON Andrew Joseph
Application Number		7)HUSTEDT Siegfried Kurt Martin
Filing Date	.INA	8)KAWERAU Jochen
(62) Divisional to Application	- NT A	9)SCHMELCHER Heidrun Annika
Number		10)SCHMID Franziska
Filing Date		11)STOERKEL Jens Uwe
		12)WILSON Benjamin John
		13)WINKLER Tilmann

(57) Abstract :

Methods of producing toothbrush handles having an inner cavity are provided.

No. of Pages : 38 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : REFRIGERATING MACHINE WORKING FLUID COMPOSITION AND REFRIGERANT OIL

(51) Internationalclassification(31) Priority Document No(22) Priority Data	:C10M169/04,C09K5/04,C10M105/38 :2011235130	 (71)Name of Applicant : 1)JX NIPPON OIL & ENERGY CORPORATION Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku
(32) Phonty Date (33) Name of priority country	:Japan	(72)Name of Inventor : 1)OKIDO Takeshi
(86) International Application No Filing Date	:PCT/JP2012/077642 :25/10/2012	2)SAITO Masanori 3)ADEGAWA Kuniko
(87) International Publication No	:WO 2013/062058	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This refrigerating machine working fluid composition contains: a refrigerant that contains difluoromethane and an unsaturated fluorinated hydrocarbon said difluoromethane and an unsaturated fluorinated hydrocarbon having a mass ratio of 95:5 to 10:90; and a refrigerant oil that contains at least one type of base oil selected from polyol ester which has a carbon/oxygen molar ratio of 3.2 to 5.8 and from polyvinyl ether which has a carbon/oxygen molar ratio of 3.2 to 5.8.

No. of Pages : 39 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(51) International classification :C07F15/00 (71)Name of Applicant : (31) Priority Document No **1)ELEVANCE RENEWABLE SCIENCES INC.** :13/272788 (32) Priority Date Address of Applicant :2501 Davey Road Woodridge IL 60517 :13/10/2011 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2012/059280 (72)Name of Inventor : Filing Date :09/10/2012 1)KUNZ Linda A. (87) International Publication No :WO 2013/055644 2)COHEN Steven A. (61) Patent of Addition to Application 3)LUETKENS Melvin L. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS FOR PREPARING RUTHENIUM CARBENE COMPLEX PRECURSORS AND RUTHENIUM CARBENE COMPLEXES

(57) Abstract :

A method for preparing a ruthenium carbene complex precursor includes reacting a ruthenium refinery salt with a hydrogen halide to form a ruthenium intermediate, and reacting the ruthenium intermediate with an L-type ligand to form the ruthenium carbene complex precursor. A method for preparing a ruthenium vinylcarbene complex includes converting a ruthenium carbene complex precursor into a ruthenium hydrido halide complex, and reacting the ruthenium hydrido halide complex with a propargyl halide to form the ruthenium carbene complex precursor into a ruthenium carbene complex. A method for preparing a ruthenium carbene complex includes converting a ruthenium carbene complex precursor into a ruthenium carbene complex having a structure (PR R R)2Cl2Ru=CHR wherein R, R and R are alike or different, and wherein covalent bonds may optionally exist between two or more of R, R, and R and/or two of R, R, and R taken together may optionally form a ring with phosphorous.

No. of Pages : 66 No. of Claims : 185

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHENOLSULFONIC ACID ARYL ESTER DEVELOPING AGENT AND HEAT SENSITIVE RECORDING MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C309/75,B41M5/333 :2011239763 :31/10/2011 :Japan :PCT/JP2012/078096 :31/10/2012	 (71)Name of Applicant : 1)MITSUBISHI CHEMICAL CORPORATION Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008251 Japan (72)Name of Inventor : 1)OCINO Akibito
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/065704 :NA :NA :NA :NA	2)MIDORIKAWA Yoshimi 3)SATO Yukiko 4)INADA Keiichiro 5)HIGUCHI Mai 6)SUGA Mamoru

(57) Abstract :

The present invention provides a compound represented by formula (1). The compound represented by formula (1) is a developing agent having both excellent color developing sensitivity at a low energy and excellent image stability [in the formula R represents a hydrogen atom an alkyl group an alkenyl group an aryl group or an aralkyl group; m R s independently represent an alkyl group an alkenyl group an aryl group an alkenyl group an aryl group an aryl group an alkenyl group an and n alkenyl group an alkenyl gro

No. of Pages : 66 No. of Claims : 10
(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:E04C3/04,E04B2/58	(71)Name of Applicant :
(31) Priority Document No	:2011232748	1)DAN PAL
(32) Priority Date	:05/10/2011	Address of Applicant :Mobile Post Kibbutz Dan 12245 Upper
(33) Name of priority country	:Australia	Galilee Israel
(86) International Application No	:PCT/AU2012/000963	(72)Name of Inventor :
Filing Date	:15/08/2012	1)BURGESS Rex Kelvin
(87) International Publication No	:WO 2013/049878	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRUSS SYSTEM

(57) Abstract :

A truss system for roofing a building; a truss of said truss system including at least one truss segment; each said truss segment comprising a first elongate element and a second elongate element; said first and second elongate elements interconnected at intervals by a series of fish plate assemblies; said fish plate assemblies arranged in sliding engagement with respective extruded fish plate channels of said first and second elongate elements.

No. of Pages : 41 No. of Claims : 26

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : MACHINE FOR MAKING INTERLOCKING GREENMASONRY BUILDING UNITS AND MASONRY SYSTEM THEREOF

 (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 	:C04B :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SACHCHIDA NAND SINHA Address of Applicant :A-60, 2ND FLOOR, PANCHSHEEL ENCLAVE, NEW DELHI Delhi India 2)VIKRAM SINHA 3)ROHAN SINHA (72)Name of Inventor : 1)SACHCHIDA NAND SINHA 2)VIKRAM SINHA
(61) Factor of Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	2)VIKRAM SINHA 3)ROHAN SINHA

(57) Abstract :

The present invention relates to a machine for making interlocking / interfitting green masonry building units and masonry system for semi automatic masonry construction. It relates to a simple and cost effective machine to manufacture both solid and hollow interlocking / interfitting masonry units of any dimensions depending on its requirement out of suitable combination of materials such as clay, sand, dust of stone / marble / granite, fly ash, cement, lime, gypsum etc. The present machine manufactures masonry unit faster than the conventional masonry unit most economically. Self alignment and self adjustment of the masonry unit is acheived due to its interlocking and interfitting for fast and uniform quality of construction leading to reduced man power requirement and reduced time of construction.

No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CORNEAL EPITHELIAL CELL DEATH INHIBITOR CONTAINING FLAVIN ADENINE DINUCLEOTIDE OR SALT THEREOF AS ACTIVE INGREDIENT

 (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 	:A61K31/7084,A61K9/06,A61K9/08 :2011210875 :27/09/2011 :Japan :PCT/JP2012/074662 :26/09/2012 :WO 2013/047567 :NA :NA :NA	 (71)Name of Applicant : 1)SANTEN PHARMACEUTICAL CO. LTD. Address of Applicant :9 19 Shimoshinjo 3 chome Higashiyodogawa ku Osaka shi Osaka 5338651 Japan (72)Name of Inventor : 1)SAKAMOTO Asuka 2)NAKAMURA Masatsugu
Filing Date		

(57) Abstract :

Flavin adenine dinucleotide or a salt thereof significantly curbs the decline in viable cell count of corneal epithelial cells induced by ultraviolet radiation and thus can act as an inhibitor of corneal epithelial cell death induced by ultraviolet radiation.

No. of Pages : 18 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTIFOULING COATING COMPOSITION ANTIFOULING COATING FILM ANTI FOUL BASE MATERIAL AND PROCESS FOR MANUFACTURING ANTI FOUL BASE MATERIAL

(51) International classification	:C09D143/04,A01K75/00,B32B27/30	(71)Name of Applicant : 1)CHUGOKU MARINE PAINTS LTD.
(31) Priority Document No	:2011248877	Address of Applicant :1 7 Meijishinkai Otake shi Hiroshima
(32) Priority Date	:14/11/2011	7390652 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)NIIMOTO Jyunji
(86) International Application No Filing Date	:PCT/JP2012/079524 :14/11/2012	2)IKADAI Junnai 3)YAMAMOTO Kenji 4)TANAKA Hideyuki
(87) International Publication No	:WO 2013/073580	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This antifouling coating composition contains a silyl acrylate based copolymer which comprises (1) component units derived from triisopropylsilyl methacrylate (i) (2) component units derived from triisopropylsilyl acrylate (ii) and (3) component units derived from a polymerizable monomer (iii) having a polymerizable double bond said silyl acrylate based copolymer satisfying specific requirements. Thus an antifouling coating composition which exhibits excellent long term storage stability and which when formed into a coating film exhibits excellent long term antifouling properties and excellent long term water resistance can be obtained.

No. of Pages : 72 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AMIDE DERIVATIVES OF N UREA SUBSTITUTED AMINO ACIDS AS FORMYL PEPTIDE RECEPTOR LIKE 1 (FPRL 1) RECEPTOR MODULATORS

(51) Internationalclassification(31) Priority Document No(32) Priority Date(33) Name of priority	:A61K31/17,C07C275/28,A61P27/02 :61/551772 :26/10/2011	 (71)Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor :
country (86) International Application No	:U.S.A. :PCT/US2012/061448	1)BEARD Richard L. 2)DUONG Tien T. 3)DONELLO John E.
Filing Date (87) International Publication No	:23/10/2012 :WO 2013/062947	4)VISWANATH Veena 5)GARST Michael E.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to novel amide derivatives of N urea substituted amino acids processes for preparing

them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of the N formyl peptide receptor like 1 (FPRL 1) receptor.

No. of Pages : 117 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : OBJECT COMPRISING A REGION OF ITS SURFACE SUITABLE FOR SHOWING A PLURALITY OF IMAGES

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:A44C21/00,B21C51/00,B23P15/00 :11382355.3 :18/11/2011	 (71)Name of Applicant : 1)F□BRICA NACIONAL DE MONEDA Y TIMBRE REAL CASA DE LA MONEDA Address of Applicant :C/ lorge Juan 106 E 28009 Madrid
(33) Name of priority country	:EPO	Spain
(86) International ApplicationNoFiling Date	:PCT/EP2012/072809 :16/11/2012	(72)Name of Inventor : 1)ZAMORANO DE BLAS Juli;n
(87) International Publication No	:WO 2013/072449	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an object comprising a region of its surface suitable for showing a plurality of images. Each of these images is observable from a different direction such that upon observing one of the images the other images stop being observable and do not interfere in the viewing of the observed image. The configuration which allows generating the region of surfaces suitable for showing the plurality of images allows for mass production by means of stamping or minting techniques and complicates the reproduction by unauthorized manufacturers. A method which allows obtaining the object having a region suitable for showing a plurality of images is also an object of the present invention.

No. of Pages : 24 No. of Claims : 18

(21) Application No.3488/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : LOCATION BASED AUGMENTED REALITY SYSTEM FOR EXCHANGE OF ITEMS BASED ON LOCATION SENSING AND METHODS AND DEVICES RELATED THERETO

(51) International classification	:G06Q50/10,H04W4/02	(71)Name of Applicant :
(31) Priority Document No	:61/541908	1)IOCULI INC.
(32) Priority Date	:30/09/2011	Address of Applicant :1201 1st Ave S. #335 Seattle
(33) Name of priority country	:U.S.A.	Washington 98134 U.S.A.
(86) International Application No	:PCT/US2012/058368	(72)Name of Inventor :
Filing Date	:01/10/2012	1)BRYANT Jesse
(87) International Publication No	:WO 2013/049855	2)COWLES Jonathan
(61) Patent of Addition to Application	٠NA	3)CLEM John
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Location based augmented reality systems configured exchange of items based on location sensing and associated triggering icons and methods and devices related thereto. In one exemplary embodiment a first provider user identifies a specific physical location; associates a triggering icon representing a value item with the specific physical location; and transmits the existence of the triggering icon and specific physical location to a second mobile recipient user computing device. The second mobile recipient user receives the triggering icon and specific physical location from the first provider user computing device then finds the specific physical location activates the triggering icon and receives the value item.

No. of Pages : 42 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : P TYPE TRANSITION METAL OXIDE BASED FILMS SERVING AS HOLE TRANSPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (27/10/2011 (37) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (7/10/2012 (87) International Publication No (86) International Publication No (87) International Publication No (97) (10/2012 (97) (10/2012) <li< th=""><th> (71)Name of Applicant : THE UNIVERSITY OF AKRON Address of Applicant :302 E. Buchtel Common Akron Ohio 44325 U.S.A. (72)Name of Inventor : 1)GONG Xiong 2)YANG Tingbin </th></li<>	 (71)Name of Applicant : THE UNIVERSITY OF AKRON Address of Applicant :302 E. Buchtel Common Akron Ohio 44325 U.S.A. (72)Name of Inventor : 1)GONG Xiong 2)YANG Tingbin
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(57) Abstract :

An improvement in a method of making a semiconducting device having a hole collecting electrode includes coating the hole collecting electrode with a p type transition metal oxide through a sol gel process.

No. of Pages : 25 No. of Claims : 15

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : WEAR ASSEMBLY		
 (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 	:E02F9/28 :61/563448 :23/11/2011 :U.S.A. :PCT/US2012/065689 :16/11/2012 :WO 2013/078101 :NA :NA :NA :NA	 (71)Name of Applicant : ESCO CORPORATION Address of Applicant :2141 Nw 25th Avenue Portland OR 97210 2578 U.S.A. (72)Name of Inventor : JOHNSTON Christopher A. CONKLIN Donald M. ROSSKA Michael B. ROSSI William D. STANGELAND Kevin S.

(57) Abstract :

Wear members for wear assemblies include a lock configured to secure the wear member to a base where the lock has two engagement positions namely: (a) a first position that secures the lock to the wear member and (b) a second position that secures the wear member to the base. The locks are further configured to be unlatched and removed from the wear member in two phases a first retraction of the latching mechanism followed by a rotation of the lock itself with removal from the wear member.

No. of Pages : 76 No. of Claims : 61

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATMENT OF ALLERGIC REACTIONS

(51) International classification (21) Priority Document No.	:A61K39/385,A61K47/34,A61K9/00	 (71)Name of Applicant : 1)PLS DESIGN GMBH Address of Applicant : Eichanstrasse 42 20255 Hamburg
(31) Priority Document No	·23/11/2011	Germany
(32) Fhority Date (33) Name of priority country	:EPO	2)HELMHOLTZ ZENTRUM MNCHEN FORSCHUNGSZENTRUM FR GESUNDHEIT UND
(86) International Application No Filing Date	:PCT/EP2012/004884 :23/11/2012	UMWELT GMBH (72)Name of Inventor : 1)GRUNWALD Thomas
(87) International Publication No	:WO 2013/075846	2)SCHMIDT WEBER Carsten B.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a pharmaceutical composition made of one or more preparations and comprising a physiologically effective dose of at least one IL 4 and/or IL 13 inhibitor and at least one allergene and a matrix wherein at least the inhibitor is solved or embedded or whereon at least the inhibitor is coated or adsorbed wherein the matrix is selected as to enable prolonged release of the inhibitor.

No. of Pages : 99 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : FLUID PROC	LESSING CONTROL SY	STEM AND RELATED METHODS
(51) International classification	:C12M3/02,C12M1/00	(71)Name of Applicant :
(31) Priority Document No	:61/544416	1)PALL TECHNOLOGY UK LIMITED
(32) Priority Date	:07/10/2011	Address of Applicant :5 Harbourgate Business Park
(33) Name of priority country	:U.S.A.	Southampton Road Portsmouth PO6 4BQ U.K.
(86) International Application No	:PCT/US2012/059013	(72)Name of Inventor :
Filing Date	:05/10/2012	1)PETHE Vishwas
(87) International Publication No	:WO 2013/052836	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one aspect a system for use in processing a fluid comprises a reservoir for holding the fluid and one or more bioreactors for receiving the fluid from the reservoir. One or more sensors are provided for sensing one or more parameters of the fluid and corresponding control measures may be initiated. Regulators may also be provided for regulating various parameters of the fluid processing operation. Related systems and methods are also disclosed.

No. of Pages : 22 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DISC TYPE CONDENSER AND SOLAR THERMAL POWER GENERATING SYSTEM COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country. 	:F24J2/40,F24J2/54,G02B19/00 :201110309055.7 :13/10/2011 :Chine	 (71)Name of Applicant : 1)XIANGTAN LIYUAN ELECTRIC TOOLING CO. LTD Address of Applicant :No.302 Xiashesi Street Xiangtan Hunan
(85) Name of priority country(86) International Application No Filing Date	:PCT/CN2012/074739 :26/04/2012	2)XIANGTAN ELECTRIC MANUFACTURING CO. LTD (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition toApplication NumberFiling Date	:WO 2013/053222 :NA :NA	1)DANG Anwang 2)MA Yingzhao 3)ZHU Kai 4)HUANG Min
(62) Divisional to Application Number Filing Date	:NA :NA	5)LIU Shuai 6)WANG Bugen 7)FU Xuegao

(57) Abstract :

A disc type condenser comprises a disc rack vertical post (1) a disc rack (2) a rotating shaft (3) a rotating reflection mirror (4) a power driving device (5) and a control system (6). The two ends of the rotating shaft (3) are arranged on the disc rack (2) so the rotating shaft (3) is connected with the disc rack (2) in a rotating manner. The rotating reflection mirror (4) is arranged on the side of the rotating shaft (3) and is fixedly connected with the rotating shaft (3). The power driving device (5) is arranged on the disc rack (2) or on the back surface of the rotating reflection mirror (4) and is used for driving the rotating reflection mirror (4) to rotate. The control system (6) is connected with the power driving device (5) and is used for controlling the working state of the power driving device (5). The power driving device (5) is controlled to operate by the control system (6) so as to provide rotating power for the rotating reflection mirror (4) so that the rotating reflection mirror (4) rotates under the driving and supporting action of the driving shaft (3) thus realizing the purpose of focusing energy adjustment. Disclosed is a disc type solar thermal power generation system comprising the disc type condenser.

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

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

:G06F1/32,G06F3/048 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/285751 **1)NOKIA CORPORATION** (32) Priority Date Address of Applicant :Keilalahdentie 4 FIN 02150 Espoo :31/10/2011 (33) Name of priority country :U.S.A. Finland :PCT/IB2012/056066 (86) International Application No (72)Name of Inventor: Filing Date :31/10/2012 1)NEWMAN John Rhys (87) International Publication No :WO 2013/065004 2)WEVER Pascal (61) Patent of Addition to Application **3)PAGLIA Marco** :NA Number **4)BURNS Duncan** :NA Filing Date **5)BLEECKER Julian** (62) Divisional to Application Number :NA **6)ZUKERMAN Jacob** Filing Date :NA

(54) Title of the invention : ELECTRONIC DEVICE POWER SAVING MODE ASSOCIATED APPARATUS AND METHODS

(57) Abstract :

An apparatus comprising: at least one processor; and at least one memory including computer program code the at least one memory and the computer program code configured to with the at least one processor cause the apparatus to perform at least the following: provide a first mode of operation for a portable electronic device the first mode configured to allow general unlocked user interaction with the user interface of the portable electronic device the first mode associated with allowing for the availability of one or more of a first level of power consumption and processor activity for the portable electronic device; provide a second mode of operation for the portable electronic device the second mode configured to allow locked user interaction with the user interface of the portable electronic device the second mode associated with allowing for the availability of one or more of a second level of power consumption or processor activity for the portable electronic device; and wherein the locked user interaction of the second mode of operation allows for the user to provide one or more specific limited user inputs to the portable electronic device using the user interface of the portable electronic device to directly interact with associated second mode output provided using the user interface in the second mode of operation the one or more specific limited user inputs not being associated with general unlocking of the portable electronic device to enter the first mode of operation.

No. of Pages : 50 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DISPENSING SYSTEMS

 (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 	:A61M35/00,A45D19/02,B65D83/00 :61/549952 :21/10/2011 :U.S.A. :PCT/EP2012/070705 :18/10/2012 :WO 2013/057223 :NA :NA	 (71)Name of Applicant : 1)LEO PHARMA A/S Address of Applicant :Industriparken 55 DK 2750 Ballerup Denmark (72)Name of Inventor : 1)SPRADA Peter 2)DAVIES Graeme Howard 3)REDDALL Nicholas Henry 4)LACY Graham Keith 5)MCLELLAN Steven William 6)ROGERS Georgina 7)WILCOX Alun
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)WILCOX Alun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hand held applicator (10) for self administration of a semi solid medicament comprises an applicator head (14) with one or more elongate dispensing nozzles (40) and an applicator body (12) for housing a medicament reservoir such as a cartridge (20). The applicator has a pump assembly and an actuator (30) for pumping the medicament from the one or more of the dispensing nozzles. The applicator head and applicator body are fixed relative to each other in use such that movement of the nozzle or nozzles away from the scalp or other body area during actuation may be avoided. The applicator may further include an application face for spreading medicament over a body area thereby enabling dual functionality as a scalp and body applicator. A dispensing system in the form of a dispensing head and cartridge therefor is also described and characterised by venting features for improving priming of the dispenser. Such priming means are suitable for use in the applicators of the application.

No. of Pages : 102 No. of Claims : 88

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTERNAL GEAR PUMP

(51) International classification	:F04C2/10,F04C15/06	(71)Name of Applicant :
(31) Priority Document No	:102011086429.6	1)ROBERT BOSCH GMBH
(32) Priority Date	:16/11/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/071809	(72)Name of Inventor :
Filing Date	:05/11/2012	1)FUCHS Alexander
(87) International Publication No	:WO 2013/072206	
(61) Patent of Addition to Application	·NA	
Number	.INA .NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an internal gear pump (6) in particular for a motor vehicle for conveying a fluid comprising an internal gear (22) having an internal toothed ring (23) an external gear (24) having an external toothed ring (25) wherein the teeth (21) of the internal and external gears (22 24) mutually engage a work space (47) formed between the internal gear (22) and the external gear (24) which is divided into an inflow work space (30) and an outflow work space (31) an inflow channel (28) opening into the inflow work space (30) for introducing the fluid to be conveyed into the inflow work space (30) and an outflow work space (31) wherein the inflow work space (30) and the outflow work space (31) for discharging the fluid to be conveyed from the outflow work space (31) wherein the inflow work space (30) and the outflow work space (31) are separated from one another at a head location (48) and at a cog point (49) between the internal and the external gears (22 24) wherein the inflow channel (28) in addition opens in part in an angular area (50) of the outflow work space (31).

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

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HYBRID PULSED SHORT CIRCUIT WELDING SYSTEMS AND METHODS WITH TWO WAVEFORM GENERATORS

(51) International classification	:B23K9/09	(71)Name of Applicant :
(31) Priority Document No	:61/557817	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:09/11/2011	Address of Applicant :155 Harlem Avenue Glenview Illinois
(33) Name of priority country	:U.S.A.	60025 U.S.A.
(86) International Application No	:PCT/US2012/063783	(72)Name of Inventor :
Filing Date	:07/11/2012	1)HUTCHISON Richard Martin
(87) International Publication No	:WO 2013/070650	2)UECKER James Lee
(61) Patent of Addition to Application	٠NIA	3)HOLVERSON Todd Earl
Number	·NA	4)MARSCHKE Bryan Dustin
Filing Date	.117	5)DAVIDSON Robert R.
(62) Divisional to Application Number	:NA	6)SCHUH Richard
Filing Date	:NA	

(57) Abstract :

Welding power is generated by first generating two different current waveforms and comparing the waveform values for control intervals to select which waveform provides the greater current. The waveforms are for different transfer modes such as one for a pulsed arc portion and another for a short circuit transfer mode or for short circuit clearing. The waveforms may be programmed by settings in a state machine. A balance or relative prioritization in the comparison may be influenced by user inputs. The resulting hybrid process has aspects of both spray transfer and short circuit transfer modes.

No. of Pages : 23 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:A61M5/24	(71)Name of Applicant :
(31) Priority Document No	:61/547667	1)AMGEN INC.
(32) Priority Date	:14/10/2011	Address of Applicant :One Amgen Center Drive Dept. 4300
(33) Name of priority country	:U.S.A.	M/s 27 4 A Thousand Oaks CA 91320 1799 U.S.A.
(86) International Application No	:PCT/US2012/059680	(72)Name of Inventor :
Filing Date	:11/10/2012	1)TAN MALECKI Francisca
(87) International Publication No	:WO 2013/055873	2)FORSTER Ron
(61) Patent of Addition to Application	•NI A	3)NUNN Scott
Number		4)HOLT Mark D.
Filing Date	INA	5)TRAN Son
(62) Divisional to Application Number	:NA	6)MOBERG Sheldon
Filing Date	:NA	

(54) Title of the invention : INJECTOR AND METHOD OF ASSEMBLY

(57) Abstract :

An injector (100) may include a container (102) having a wall (110) with an interior surface (112) and a seal assembly (140) with an in \neg terior surface (142) the interior surfaces (110) of the wall (110) and the seal assembly (140) defining a closed sterile reservoir (150) filled with a drug product. The injector (100) may also include a fluid de \neg livery system comprising a clean unsheathed rigid container needle (180) having a point (182) disposed only partially through the seal as \neg sembly (140) in a storage state and disposed through the interior sur \neg face (142) of the seal assembly (140) into the sterile reservoir (150) in a delivery state. Further the injection may include an actuator (106) that is adapted to move the container needle from the storage state to the delivery state.

No. of Pages : 47 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ZOOM OPTICAL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G02B15/20,G02B5/18,G02B13/18 :2012043926 :29/02/2012 :Japan :PCT/JP2013/000984 :21/02/2013	 (71)Name of Applicant : 1)NIKON CORPORATION Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor : 1)HIRAYAMA Yoshikazu 2)MATSUMOTO Miho
Filing Date (87) International Publication No	:WO 2013/128856	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This zoom optical system is formed from arranged in order from the object side a first lens group having negative refractive power and other lens groups and when magnification is varied the spacing between each of the lens groups changes. The first lens group is disposed closest to the object side and has a first negative lens which has a diffraction optical element on the image side lens surface and a positive lens disposed more to the image side than the first negative lens. Furthermore the glass material used in the positive lens satisfies the following conditional equations. 1p = 35 (g F) = 0.007 Here 1p is the Abbe s number the basis of which is the d line for the glass material used in the positive lens of the first lens group and (g F) is the deviation in the partial variance ratio from a standard line for glass material used in the positive lens when a straight line joining glass type A and glass type B forms the standard line in a graph that has the Abbe s number of which the basis is the d line as the horizontal axis and the partial variance ratio (g F) = (ng nF)/(nF nC) as the vertical axis. Moreover the Abbe s number d for the glass type A and glass type B and the partial variance ratio (g F)) are the following values. Glass type A: d = 60.49 (g F) = 0.5436 Glass type B: d = 36.26 (g F) = 0.5828

No. of Pages : 60 No. of Claims : 13

(54) Title of the invention : WIND TURBINE POWER GENERATING FACILITIES

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

:B23B (71)Name of Applicant : (51) International classification 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., :2011-(31) Priority Document No LTD. 034080 :21/02/2011 (32) Priority Date Address of Applicant :3, KANDA NERIBEI-CHO, CHIYODA-KU, TOKYO 101-0022, JAPAN (33) Name of priority country :Japan (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)HAYASHI NORIYUKI** 2)MATSUO TAKAHIDE (87) International Publication No :NA (61) Patent of Addition to Application Number :NA **3)SHIRAHATA TOSHIKI** Filing Date :NA 4)ONO JUNJI (62) Divisional to Application Number :NA **5)OHAMA HIDEHARU** Filing Date :NA

(57) Abstract :

A hood in a tower receives air having absorbed heat released from a corrugated rib tank. The hood is set above the corrugated rib tank of a transformer being installed on a foundation in the interior of a tower and transforming electric power generated by an electric generator. An exhaust duct, which discharges the air having absorbed heat released from the corrugated rib tank and flowing into the hood, is provided to the interior of the tower so as to be connected to the hood and extend upward up to the upper portion of the tower.

No. of Pages : 62 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOULDING OF PLASTIC PARTICULATE MATTER

 (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 	:B29C35/08,B29C35/12,B29C44/34 :11290465.1 :06/10/2011 :EPO :PCT/EP2012/069807 :05/10/2012 :WO 2013/050581 :NA :NA	 (71)Name of Applicant : 1)JSP INTERNATIONAL SARL Address of Applicant :Z.I. Le Bois Chevalier Route de Francieres F 60190 Estrees Saint Denis France (72)Name of Inventor : 1)COLES Andrew 2)COULON Arnaud 3)ELLIS Dave 4)SCHLOMS Georg
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

A method of manufacturing a moulded article from expanded resin particles the method comprising: placing the particles and a dielectric heat transfer fluid in a mould located between a pair of electrodes; generating a radio frequency electromagnetic field between the electrodes; applying the electromagnetic field to the mould to dielectrically heat the heat transfer fluid and hence the particles; and heating the particles to a temperature sufficient to cause their surfaces to soften so that the particles fuse thereby to form the moulded article as shaped by the mould; preferably wherein the radio frequency electromagnetic field has a wavelength greater than an average dimension (or dimensions) of the moulded article.

No. of Pages : 93 No. of Claims : 46

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : MODULAR FEED NETWORK			
 (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 	:H01Q21/06,H01Q1/46 :13/297304 :16/11/2011 :U.S.A. :PCT/US2012/065427 :16/11/2012 :WO 2013/074872 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ANDREW LLC Address of Applicant :1100 CommScope Place SE Hickory North Carolina 28602 U.S.A. (72)Name of Inventor : 1)BIANCOTTO Claudio 2)HILLS Christopher 3)THOMSON Alexander 	

(57) Abstract :

A modular feed network is provided with a segment base provided with a feed aperture a corner cavity at each corner and a tap cavity at a mid section of each of two opposite sides. A segment top is provided with a plurality of output ports. The segment top is dimensioned to seat upon the segment base to form a segment pair. The segment base provided with a plurality of waveguides between cavities of the segment base. The modular feed network is configurable via a range of feed bypass and/or power divider taps seated in the apertures and/or cavities to form a waveguide network of varied numbers of output ports by routing across one or more of the segment tops. For example the modular feed network may comprise 1 4 or 16 of the segment bases retained side to side.

No. of Pages : 44 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR IMPROVING INTESTINAL FLORA

(51) International		(71)Name of Applicant .
classification	:A23C9/152,A23C19/068,A23L1/30	1)MELII CO. LTD.
(31) Priority Document No	:2011262715	Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
(32) Priority Date	:30/11/2011	1368908 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application	•PCT/IP2012/080450	1)NAGAFUCHI Shinya
No	:26/11/2012	2)KUME Hisae
Filing Date		3)YAMAJI Taketo
(87) International Publication	:WO 2013/080911	
NO (61) Detent of Addition to		
(01) Patent of Addition to	:NA	
Filing Date	:NA	
(62) Divisional to		
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A nutritional composition comprising milk protein hydrolyzate a cultured milk protein a phospholipid an oil containing oleic acid and isomaltulose wherein an intestinal flora improvement effect has been found. Specifically this nutritional composition has been found to increase the bacteria count and occupancy of Bifidobacterium genus and Lactobacillus genus in the intestine in in vivo tests using rats. From these results this nutritional composition is understood to promote the propagation of the Bifidobacterium genus and/or the Lactobacillus genus of bacteria.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(54) Title of the invention : FRACTAL IMPELLER FOR STIRRED TANK REACTORS (51) International classification :B23B (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL (31) Priority Document No :NA (32) Priority Date RESEARCH :NA (33) Name of priority country Address of Applicant : ANUSANDHAN BHAWAN, RAFI :NA (86) International Application No MARG, NEW DELHI-110001, INDIA Delhi India :NA Filing Date :NA (72)Name of Inventor: (87) International Publication No :NA **1)AMOL A KULKARNI** (61) Patent of Addition to Application Number :NA 2)BHASKAR DATTTRAYA KULKARNI Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A fractal impeller design for stirred tank reactors comprising plurality of main branches, each of which further having plurality of subbranches with each sub branch having plurality of blades to distribute/dissipate energy in uniform manner and to achieve uniform temperature throughout the reactor while operating it at lower impeller speed to avoid high shear zones; wherein, the angular distances covered by the blades vary and yield variation in the local blade passage velocity for a given impeller rotation speed.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION		(21) Application No.399/DEL/2012 A
(19) INDIA		
(22) Date of filing of Application :13/02/2012		(43) Publication Date : 05/06/2015
(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING CONDUCTIVE STATE OF A SOLID STATE SEMICONDUCTOR DEVICE		
(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:13/030953	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:18/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DESABHATLA, SREEDHAR
(87) International Publication No	:NA	

(57) Abstract :

Filing Date

Filing Date

A system (10), in one embodiment, may include a static starter subsystem (16) having detection logic (110) for indicating a conductive state of a solid state semiconductor device (80). The detection logic includes a first logic gate (130) having a first input (132) that receives a first input signal (117) indicating a state of the static starter subsystem (16), a second input (134) that receives a second input signal (116) indicating a state of a gate firing command (114) being applied to the solid state semiconductor device (80), and a third input (136) that receives a third input signal (124) indicating whether the solid state semiconductor device (80) is conducting. The first logic gate (130) may be configured to evaluate the first (117), second (116), and third (124) input signals and provide a first output signal (138) indicating conductivity of the solid state semiconductor device (80) in response to the gate firing command (114).

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:NA

:NA

:NA

No. of Pages : 33 No. of Claims : 10

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICE FOR EXPELLING/CONTAINING LIQUIDS FOR A SPACECRAFT TANK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B64G1/40,F17C13/00,F02K9/44 :1103176 :18/10/2011 :France :PCT/EP2012/070657 :18/10/2012	 (71)Name of Applicant : 1)ASTRIUM SAS Address of Applicant :12 rue Pasteur F 92150 Suresnes France (72)Name of Inventor : 1)DANDALEIX Louis
(87) International Publication No	:WO 2013/057193	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a device for expelling/containing a predetermined liquid said device being capable of being built into a liquid tank that is to operate at low or zero gravity and including a unitary three dimensional so called sponge structure (32) comprising a set of substantially wire like elements (70) that extend between a peripheral area of the sponge and an area for expelling/containing liquid wherein said wire like elements are substantially oriented in the direction of flow of the fluid within the device said wire like elements being connected together by crosspieces and are arranged such that the capillary gradient is positive or zero in the direction of flow of the fluid from said peripheral area to said area for expelling/containing liquid.

No. of Pages : 31 No. of Claims : 20

(21) Application No.3490/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TORSIONAL OSCILLATION DAMPING DEVICE

 (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 	:F16F15/14,F16F15/10,F16F15/131 :NA :NA :NA :PCT/JP2012/053120 :10/02/2012 :WO 2013/118293 :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)HORITA Shuhei 2)MIYAHARA Yu 3)AIJIMA Shingo
Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a torsional oscillation damping device with which space for a mass that moves in a reciprocating manner can be maintained and the oscillation damping effect can be improved. This torsional oscillation damping device (1) wherein a mass (3) is attached to a rotating body (2) by means of two support pins (5R 5L) is equipped with: two first hollow parts (4) which are formed in the rotating body (2) at positions corresponding to the support pins (5R 5L) and into which the support pins (5R 5L) are inserted; and two second hollow parts (7) which are formed in the mass (3) at positions opposing the first hollow parts (4) and into which the support pins (5R 5L) are inserted. The portions of the inner circumferential edges of the first hollow parts (4) which are to the outside in the radial direction of the rotating body (2) are guide surfaces (6R 6L) and the portions of the inner circumferential edges of the second hollow parts (7) which are to the inside in the radial direction of the rotating body (2) are guide surfaces (6R 6L) and the portions of the inner circumferential edges of the second hollow parts (7) which are to the inside in the radial direction of the rotating body (2) are guide surfaces (6R 6L) and the portions of the inner circumferential edges of the second hollow parts (7) which are to the inside in the radial direction of the rotating body (2) are attachment surfaces (8R 8L). The guide surfaces (6R 6L) and the attachment surfaces (8R 8L) are formed as concave curved surfaces with the distance D between the centers of curvature O of the guide surfaces (6R 6L) being shorter than the distance D between the centers of curvature O of the attachment surfaces (8R 8L).

No. of Pages : 42 No. of Claims : 4

(21) Application No.3491/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRE SLAUGHTER DIET INCLUDING METHIONINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:A23K1/16,A23K1/18,A23L1/318 :11510567 :09/11/2011 :Sweden :PCT/EP2012/072241	 (71)Name of Applicant : 1)ADISSEO FRANCE S.A.S. Address of Applicant :Immeuble Antony Parc II 10 place du Gnral de Gaulle F 92160 Antony France (72)Name of Inventor : 1)PLEP ZVNOWSKI Stafan
Filing Date	:09/11/2012	1)1 IEKZ I NO WSKI Stelan
(87) International Publication No	:WO 2013/068525	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides novel method for improving the tenderness of meat (e.g. pork beef and poultry). The method comprises a pre slaughter diet comprising methionine in an amount effective to improve the tenderness of the meat. The methionine may be fed alone or in combination with feedstuff rations to livestock animals. The present invention provides a novel use of methionine i.e. for improving the tenderness of meat. The invention includes the use of methionine analogues such as 2 Hydroxy 4 Methyl Thio Butanoic acid (HMTBA) or all its salt forms or 2 Hydroxy 4 Methyl Thio Butanoic isopropyl ester or any of other esters.

No. of Pages : 48 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : STRAIN INDEPENDENT ANTI-INFLUENZA PEPTIDES FOR TARGETING A NOVEL DRUG SITE IN HEMAGGLUTININ TRIMER

(57) Abstract :

The invention relates to the generation of solution structural model of influenza hemagglutinin trimer having full glycosylation to identify a novel druggable site and design peptides reactive to this drug site and experimentally evaluate ability of the peptides to block pH-induced shape change/aggregation of the hemagglutinin (HA) protein. These peptides and their analogs block the fusion of the HA protein with its receptors in the endosome of host cells in a strain independent manner.

No. of Pages : 31 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :30/04/2014

(54) Title of the invention : TOOTHBRUSH HAVING AN INNER CAVITY

 (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 	:A46B5/02 :61/562675 :22/11/2011 :U.S.A. :PCT/US2012/066319 :21/11/2012 :WO 2013/078356 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts (2127 U.S.A. (72)Name of Inventor : 1)WEN Cathy 2)NEWMAN Matthew Lloyd 3)BIRK Andreas 4)BRESSELSCHMIDT Andreas 5)HORTON Andrew Joseph 6)HUSTEDT Siegfried Kurt Martin 7)JACKSON Scott 8)KAWERAU Jochen 9)PFEIFER Ulrich 10)SATTERFIELD Richard Darren 11)SCHMELCHER Heidrun Annika 12)SCHMID Franziska 13)STOERKEL Jens Uwe 14)WILSON Benjamin John 15)WINKLER Tilmann
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(57) Abstract :

A toothbrush comprising a head a neck a handle a handle end a head end an outer surface an inner cavity and a longitudinal axis. The inner cavity has a surface defining a cross sectional area. The inner cavity has at least one of a greater cross sectional area bordered by two lesser cross sectional areas along the longitudinal axis of the toothbrush or a lesser cross sectional area bordered by two greater cross sectional areas along the longitudinal axis of the toothbrush. The outer surface defines an outer surface cross sectional area. A wall is formed from the outer cavity surface and inner cavity surface. The toothbrush comprises a single unitary component along the entire length.

No. of Pages : 34 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING A PORTABLE X-RAY SYSTEM (51) International classification :G11B (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/095,658 (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, :27/04/2011 (33) Name of priority country :U.S.A. NY 12345 U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)SCHMITZ ANDREA MARIE** (87) International Publication No :NA 2)WISE GERALD BOWDEN (61) Patent of Addition to Application Number :NA **3)DENVIR MICHAEL DERMOT** Filing Date :NA **4)EBERHARD JEFFREY WAYNE** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The subject matter disclosed herein relates to patient imaging systems, and more specifically, to portable X-ray imaging systems. In a first embodiment, a patient imaging system (10) is presented. The patient imaging system (10) includes an X-ray source (14) configured to emit X-rays and a wireless X-ray detector (18) configured to detect the emitted X-rays and acquire patient image data. The patient imaging system (10) also includes an acquisition control system (12) configured to initialize and prepare the patient imaging system (10) for X-ray emission and detection. The acquisition control system (12) is also configured to receive the acquired patient image data from the X-ray detector (18), and to non-deterministically control the operation of the X-ray source (14) and the wireless X-ray detector (18). The patient imaging system (10) also includes one or more user interfaces (16, 20) configured to instruct the acquisition control system (12) when a user is ready for the patient imaging system (10) to initialize, to prepare for X-ray emission and detection.

No. of Pages : 22 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR NETWORK SERVICES RELATED TO GEOGRAPHIC LOCATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANDVINE INCORPORATED ULC Address of Applicant :408 ALBERT STREET, WATERLOO, ON, N2L 3V3 (CA) Canada (72)Name of Inventor : 1)MITTAL, AMBUJ
(87) 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 method for applying network services related to geographic location including receiving regions within a map and receiving geoservice definitions for the regions. The method includes determining a subscriber's region and determining information related to the subscriber's traffic flow. The method then applies geo-service definitions based on the subscriber's region and the information related to the traffic flow. A system for applying network services related to geographic location having a location detection module for detecting a subscriber's location and a region detection module for determining the subscriber's region within a map based on the subscriber's location. The system further including a geo-service definition and enablement module for defining geo-service definitions and actions; and a subscriber detection and traffic management module adapted to receive the subscriber's region and apply geo-service definitions to the subscriber traffic flow based in part on the region of the subscriber.

No. of Pages : 31 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : UPLINK RESOURCE ACCESS IN WIRELESS NETWORKS (51) International classification :H04N (71)Name of Applicant : (31) Priority Document No :NA 1)ALCATEL-LUCENT (32) Priority Date Address of Applicant :3 avenue Octave Grard Paris 75007 :NA (33) Name of priority country :NA France (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)ALFANO Frank M (87) International Publication No : NA 2)KANUGOVI Satish (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present subject matter discloses systems and methods for uplink resource access in wireless communication networks. In one implementation, the method comprises identifying at least one communication device transmitting low characteristic data based on at least one device identification parameter, and transmitting a resource assignment message to the at least one identified communication device, wherein the resource assignment message is indicative of allocation of uplink resources. The method further comprises receiving data, from the at least one identified communication device, based on the allocation of the uplink resources.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : WIRE POSITIONING DEVICE				
 (54) Title of the invention : WIRE POSI (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 	TIONING DEVICE :H01R43/052,H01R43/28 :61/554765 :02/11/2011 :U.S.A. :PCT/IB2012/054137 :14/08/2012 :WO 2013/064916 :NA	 (71)Name of Applicant : 1)SCHLEUNIGER HOLDING AG Address of Applicant :Bierigutstrasse 9 3608 Thun Switzerland (72)Name of Inventor : 1)SCHTZ Peter 		
Filing Date	:NA			
(87) International Publication No (61) Patent of Addition to Application	:WO 2013/064916			
Filing Date				
Filing Date	:NA			

(57) Abstract :

The invention relates to a wire positioning device (1) for positioning an electrical wire (2) in a processing device said wire positioning device comprising a wire guide (4) for receiving the electrical wire (2) and a lowering device (5) which is movable vertically in relation to a first longitudinal axis (45) of the wire (2) received in the wire guide (4) the lowering device (5) having a press piece (6) which is spring loaded via at least one spring element (15) and is provided so as to be contacted against the wire guide (4) the at least one spring element (15) being arranged in a tube (16). The invention also relates to a method for lowering thin wires (2) and for positioning them in an oscillation damped manner wherein a wire positioning device (1) according to the invention or a processing device according to the invention are used.

No. of Pages : 29 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AEROSOL GENERATING SYSTEM WITH IMPROVED AEROSOL PRODUCTION :A24F47/00,A61M11/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)PHILIP MORRIS PRODUCTS S.A. :11250875.9 (32) Priority Date Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchatel :27/10/2011 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2012/071165 (72)Name of Inventor: Filing Date :25/10/2012 1)FLICK Jean Marc (87) International Publication No :WO 2013/060781 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

There is provided a method of controlling aerosol production in an aerosol generating device the device comprising an aerosol forming substrate a heater comprising at least one heating element for heating the aerosol forming substrate and a power source for providing power to the heating element comprising the steps of: determining the temperature of the heating element; and adjusting the power to the heating element to maintain the temperature of the heating element within a desired temperature range wherein the desired temperature range is dynamically calculated based on a measured flow rate of gas through or past the device. By controlling the temperature of the heating element aerosol with consistent and desirable properties can be produced.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/02/2012

(54) Title of the invention : CATIONIC ELECTRODEPOSITION COATING COMPOSITION :C07C (71)Name of Applicant : (51) International classification 1)KANSAI PAINT CO., LTD. :2011-(31) Priority Document No Address of Applicant :33-1, KANZAKI-CHO, 047061 :04/03/2011 AMAGASAKI-SHI, HYOGO 6618555, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA **1)SHIGEO NISHIGUCHI** Filing Date :NA 2)AKIHIKO SHIMASAKI (87) 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 object of the present invention is to provide a cationic electrodeposition coating composition that has excellent throwing power and that can form a thin film with excellent finish (heat flow properties) and anti-corrosion properties. A cationic electrodeposition coating composition comprising a cationic epoxy resin (A) and a blocked polyisocyanate (B), the cationic epoxy resin (A) being obtained by reacting an epoxy resin (Al) with an amino group-containing compound (A2), and the epoxy resin (Al) having a catechol skeleton structure (a) in a part of the molecule and being obtained by reacting an epoxy resin (al) containing at least one epoxy group per molecule and having an epoxy equivalent of 180 to 500 with a phenolic hydroxyl group-containing compound (a2) containing at least one phenolic hydroxyl group per molecule in amounts such that the ratio of the number of moles of epoxy groups in the epoxy resin (al) to the number of moles of phenolic hydroxyl groups in the phenolic hydroxyl group-containing compound (a2) is in the range of 1.3 to 2.0.

No. of Pages : 36 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMBING MACHINE WITH MOVEMENT SYSTEM OF THE UPPER JAW OF THE NIPPER (51) International classification :B64D (71)Name of Applicant : :BS2011A000017 1)MARZOLI S.P.A. (31) Priority Document No (32) Priority Date Address of Applicant :VIA S. ALBERTO, 10 I-25036 :21/02/2011 (33) Name of priority country PALAZZOLO SULL'OGLIO, BRESCIA ITALY :Italy (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)TORCOLI. ROBERTO** (87) International Publication No :NA 2)PRANDINI, GIROLAMO (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A combing machine comprises a circular comb (20), a nipper (4) with lower jaw (6), upper jaw (8) and a straight comb (10). A driven shaft lower jaw nipper (30), a driven shaft upper jaw (40) rotatable with rotatory alternated motion, which supports at least one cam (42) and a transmission group (50) connected in input to a rotatable shaft with circular movement and in output to the driven shaft upper jaw (40), is provided for the movement of the nipper. The transmission group (50) comprises non-circular moving parts, to transform the circular movement into alternated rotatory movement according to a desired law of motion.

No. of Pages : 22 No. of Claims : 11
(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:F02M25/12	(71)Name of Applicant :
(31) Priority Document No	:11/03087	1)PRIEUR Andre
(32) Priority Date	:11/10/2011	Address of Applicant :27 Rue Raymond Ridel F 92250 La
(33) Name of priority country	:France	Garenne Colombes France
(86) International Application No	:PCT/EP2012/004116	(72)Name of Inventor :
Filing Date	:01/10/2012	1)PRIEUR Andre
(87) International Publication No	:WO 2013/053443	
(61) Patent of Addition to Application	·NIA	
Number	INA INA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : AIR CENTRIFUGATION DEVICE

(57) Abstract :

The invention proposes an air centrifugation device, associated to an internal combustion engine (2), which comprises at least one cylinder (21), provided with air by an air intake (22), and rejecting combustion gases by an exhaust orifice (23), the said air centrifugation device (1) comprising a wheel (11), provided with blades to accelerate the gases by a rotational movement, the said wheel (11) is moimted on an axle (12) and placed inside an envelope (13) containing the said wheel (11), while the said envelope (13) has preferably a circular shape, the whole system comprising at least one air intake orifice (14) and at least two distinct exhaust orifices (15) and (16), provided to collect separately the oxygen molecules from exhaust orifice (15), on the one hand, and the nitrogen molecules from exhaust orifice (16), on the other hand, while at least one connecting pipe (3) is provided between the oxygen exhaust orifice (15) and the air inlet system (24) of the internal combustion engine (2).

No. of Pages : 14 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention :	CATHETER POSITIONING SYSTEM	
(51) International classification	:A61M25/06,A61M25/01,A61M25/18	(71)Name of Applicant : 1)URMEY William F.
(31) Priority Document No	:61/547432	Address of Applicant :1 Flint Avenue Larchmont NY 10538
(32) Priority Date	:14/10/2011	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :1)URMEY William F.
(86) International Application No Filing Date	:PCT/US2012/059911 :12/10/2012	
(87) International Publication No	:WO 2013/056020	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catheter positioning system includes a catheter needle assembly comprising a catheter having a permanent hub and a needle carried in the catheter lumen. A releasable clamp is used to compress the catheter against the needle to prevent axial movement of one relative to the other. The clamp is periodically released after being moved a short distance toward the target vessel or nerve and is repositioned a short distance from the skin entry point to further advance the catheter needle assembly. The clamp is configured to be removed from the catheter by movement in a direction other than along the longitudinal axis of the catheter while the catheter hub remains in place. After successful placement of the catheter the clamp may be snapped apart or opened along a hinge without moving the catheter from its final position.

No. of Pages : 33 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : WIRELESS CHARGER INCORPORATING STORAGE BATTERY EQUIPPED WITH SOLAR POWER GENERATING FUNCTION AND CLOCK/CALENDAR/TEMPERATURE/HUMIDITY DISPLAY FUNCTION

(51) International classification	:H02J7/00,H02J17/00	(71)Name of Applicant :
(31) Priority Document No	:2011005758U	1)KAGAMI Yasuo
(32) Priority Date	:02/10/2011	Address of Applicant :12 105 City heights Omiya mihashi
(33) Name of priority country	:Japan	1119 3 Mihashi 6 chome Nishi ku Saitama city Saitama 3310052
(86) International Application No	:PCT/JP2012/002256	Japan
Filing Date	:02/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/051169	1)KAGAMI Yasuo
(61) Patent of Addition to Application	.NI A	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is the wireless charger to charge the storage battery built-in in the portable device even the power is out or in outdoors, and also can be used for other purposes while the wireless charging is not in-use. For that purpose, display module is incorporated in the cover section to show Clock/Calendar/Temperature/Humidity in cover section (1). External power input DC jack (8) is provided in the main unit, to charge the storage battery (9) built-in in the main unit (2). And solar generation cell (5) is provided to charge the portable device by a USB cable connected to the USB connector (7) when the commercial power supply is not available and also can charge the portable device which has no wireless charging function. Flip up holding bar (6) is provided to place the portable device on it.

No. of Pages : 8 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : LUGGAGE CARRIER FOR TWO WHEELED VEHICLES (51) International classification :B23B (71)Name of Applicant : **1)HERO MOTOCORP LIMITED** (31) Priority Document No :NA (32) Priority Date Address of Applicant :34 COMMUNITY CENTER, BASANT :NA (33) Name of priority country LOK, VASANT VIHAR, NEW DELHI - 110057 Delhi India :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)VENKAIAH BATHULA** (87) 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 luggage carrier for a two-wheeled vehicle is disclosed. The luggage carrier comprises a body member and at least one foldable wing. The body member is securely fixed to a frame body of the two-wheeled vehicle and comprises a first Ushaped tubing member, a second U-shaped tubing member, and at least one leg tubing member. The leg tubing member is adapted to be coupled to an end portion of the first U-shaped tubing member at one end and to an end portion of second U-shaped tubing member at an opposite end. At least one foldable wing is adapted to be coupled to the leg tubing members. Each foldable wing is adapted to be locked in at least one position.

No. of Pages : 32 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PRODUCING A TOOTHBRUSH HAVING AN INNER CAVITY

(51) International classification	1:A46B5/02.B29C49/02.B29C49/20	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(31) Priority Document No	:61/562675	Address of Applicant :World Shaving Headquarters IP/Legal
(32) Priority Date	:22/11/2011	Patent Department 3E One Gillette Park Boston Massachusetts
(33) Name of priority country	:U.S.A.	02127 U.S.A.
(86) International Application	·PCT/US2012/066321	(72)Name of Inventor :
No	.101/032012/000321	1)WEN Cathy
Filing Date	.21/11/2012	2)NEWMAN Matthew Lloyd
(87) International Publication	:WO 2013/078358	3)HORTON Andrew Joseph
No		4)HOUGHTON Stephen Alan
(61) Patent of Addition to	·NA	5)JACKSON Scott
Application Number	·NA	6)PHILLIPS Bradley John
Filing Date		7)REICK Hansjoerg
(62) Divisional to Application	:NA	8)SATTERFIELD Richard Darren
Number	:NA	9)UHE Andrew M.
Filing Date		10)WEST George
		11)RYAN Christopher Thomas

(57) Abstract :

Methods of producing a unitary personal care article such as a toothbrush having an inner cavity.

No. of Pages : 45 No. of Claims : 15

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR AN ANTI SPIN SYSTEM

 (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 	:B02C2/00 :61/626967 :06/10/2011 :U.S.A. :PCT/US2012/058940 :05/10/2012 :WO 2013/052792 :NA :NA :NA :NA	 (71)Name of Applicant : TELSMITH INC. Address of Applicant :10190 N. Industrial Drive P.O. Box 539 Mequon WI 53092 U.S.A. (72)Name of Inventor : DRICKEN Chuck NEITZEL Sean WOLFE Dean HAVEN Matthew VAN MULLEM Albert
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(57) Abstract :

An anti spin system adapted for use on a rock crusher having stationary frame a crushing head a crushing head pivot point a shaft bearings a crushing chamber crushing chamber liners and working fluid The preferred anti spin system comprises a flow source which is adapted to provide working fluid How a working fluid source which is adapted to supply working fluid a control valve which is in fluid communication with the working fluid source and being adapted to allow the working fluid to flow to the flow source and a torque transmittal assembly which is adapted to connect the crushing head and the flow source and transmit torque from the crushing head to the stationary frame. The preferred anti spin system is adapted to control rotation of the crushing head. A method comprising providing such an anti spin system and controlling the rotation of the crushing head.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR A BEARING ASSEMBLY SYSTEM (51) International classification :F16C33/02 (71)Name of Applicant : (31) Priority Document No. :61/626981 (71)Name of Applicant : 1)TELSMITH INC

(31) Priority Document No	:61/626981	1)TELSMITH INC.
(32) Priority Date	:06/10/2011	Address of Applicant :10190 N. Industrial Drive P.O. Box 539
(33) Name of priority country	:U.S.A.	Mequon WI 53092 U.S.A.
(86) International Application No	:PCT/US2012/058883	(72)Name of Inventor :
Filing Date	:05/10/2012	1)NEITZEL Sean
(87) International Publication No	:WO 2013/052754	2)HAVEN Matthew
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)DRICKEN Chuck 4)VAN MULLEM Albert
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing assembly system adapted for use on a rock crusher having a main frame a main shaft. an eccentric and a crashing bead The bearing assembly system comprises a first hearing ring which is disposed around the main shaft a second bearing ring which is disposed adjacent to the first bearing ring and a means for conveying fluid to at least one of the first bearing ring and the second bearing ring hi the preferred bearing assembly system at least one of the first bearing ring and the second bearing ring and the second bearing ring hi the preferred method farther comprises conveying fluid from the means for conveying fluid to at least one of the first bearing ring and second bearing ring and second bearing ring.

No. of Pages : 31 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : OPTIMIZATION OF MAINTENANCE ACTIVITIES IN COMMUNICATION NETWORKS (51) International classification :H04N (71)Name of Applicant : 1)ALCATEL-LUCENT (31) Priority Document No :NA (32) Priority Date Address of Applicant :3 avenue Octave Grard Paris France :NA (33) Name of priority country (72)Name of Inventor: :NA **1)ADHARAPURAPU Pramod** (86) International Application No :NA Filing Date :NA (87) 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 subject matter discloses a method for maintaining a communication network. The method comprises identifying a plurality of nodes requiring one or more maintenance activities to be performed at each of the plurality of nodes present in the communication network. The method further comprises determining an association among the plurality of nodes based on the one or more maintenance activities to be performed at each of the plurality of nodes. The method further comprises optimizing the one or more maintenance activities to be performed based on the association among the plurality of nodes.

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

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR MANAGING AIR TRAFFIC

(57) Abstract :

Methods and systems scheduling and negotiating air traffic within an airspace surrounding an airport and scheduled to land at the airport. An air traffic control (ATC) system is used to monitor the altitudes, speeds and lateral routes of aircraft as they enter the airspace. The ATC system generates a scheduled time-of-arrival (STA) for each aircraft at one or more meter fix points associated with the airport, the STA for each aircraft is stored, and data is received or inferred with the ATC system for at least a first of the aircraft, including a minimum fuel-cost speed and predicted trajectory parameters of the first aircraft based on current values of its existing trajectory parameters. Auxiliary data, including earliest and latest estimated time-of-arrival ETAmin and ETAmax at the meter fix point, are generated for the first aircraft using the predicted trajectory parameters. The ATC system determines whether the STA of the first aircraft is in or outside an ETA range bounded by its ETAmin and ETAmax. Instructions are transmitted to the first aircraft to ensure its arrival at the meter fix point at the STA or the ETAmin of the first aircraft, and the STA is updated for each aircraft stored in the queue.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREPARATION OF HOMOPOLYMER AND COPOLYMERS OF (PHOSPHONYL)AROMATIC DIESTERS AND ACIDS

(32) Priority Date:08/12/2011Delaware 19(33) Name of priority:U.S.A.(72)Name ofcountry:U.S.A.1)DRYSE(86) International:PCT/US2012/0600092)NEDEFApplication No:12/10/20122)NEDEF(87) International:WO 2013/0856192)NEDEFPublication No:NA:NAFiling Date:NA(62) Divisional to:NAApplication Number:NAFiling Date:NA	DALE Neville Everton RBERG Fredrik
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(57) Abstract :

The composition of a homopolymer of (phosphonyl) aromatic diester compound using a catalyst and a glycol is provided. Further the composition of a copolymer of the (phosphonyl) aromatic diester compound using a catalyst a glycol and a second diester is provided. These polymers find application as flame retardants during synthesis of various polymeric materials.

No. of Pages : 22 No. of Claims : 6

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEICING COMPOSITION		
 (54) Title of the invention : DEICING CON (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 	C09K3/18 :11188481.3 :09/11/2011 :EPO :PCT/EP2012/071678 :02/11/2012 :WO 2013/068299	 (71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)MASLOW Wasil 2)DE JONG Edwin Ronald
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/068299 :NA :NA :NA :NA	2)DE JONG Edwin Ronald 3)DEMMER Ren Lodewijk Maria

(57) Abstract :

The present invention relates to a deicing composition comprising (i) a deicing agent selected from the group consisting of sodium chloride calcium magnesium acetate calcium chloride magnesium chloride potassium chloride potassium acetate sodium acetate sodium formate potassium formate (ii) a lignin derivative and (iii) molasses. It furthermore relates to a process for preparing said deicing composition and to a process for deicing a surface using said deicing composition.

No. of Pages : 27 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREPARATION OF (PHOSPHONYL) AROMATIC DIESTERS AND ACIDS

(51) International classification	:C07F9/12,C07B45/04,C07B61/00	(71)Name of Applicant :
(31) Priority Document No	:13/314664	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:08/12/2011	Address of Applicant :1007 Market Street Wilmington
(33) Name of priority country	:U.S.A.	Delaware 19899 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/060090 :12/10/2012	(72)Name of Inventor :1)DRYSDALE Neville Everton2)NEDERBERG Fredrik
(87) International Publication No	:WO 2013/085620	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The composition of a (phosphonyl) aromatic compound represented by (I) is provided. In this composition R(a) and R(b) are each independently H CH phenyl or benzyl; R(a) and R(b) are each independently H CH phenyl or benzyl; with the proviso that no more than one R and no more than one R can be phenyl or benzyl; R(a) and R(b) are each independently CH phenyl or benzyl; and n is an integer of 1 10; and p is an integer of 1 10. The disclosed composition can find utility in improving flame retardancy of polyesters aramids and nylons.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification :H	B23B	(71)Name of Applicant :
(31) Priority Document No :1	1102725.7	1)ESCO HYDRA (UK) LIMITED
(32) Priority Date :1	17/02/2011	Address of Applicant :ROTHERHAM WORKS, WORTLEY
(33) Name of priority country :U	U.K.	ROAD, ROTHERHAM S61 1LZ, UNITED KINGDOM
(86) International Application No :	NA	(72)Name of Inventor :
Filing Date :	NA	1)BALL BRETT
(87) International Publication No :	NA	
(61) Patent of Addition to Application Number :	NA	
Filing Date :	NA	
(62) Divisional to Application Number :	NA	
Filing Date :N	NA	

(54) Title of the invention : MINERAL WINNING PICK, PICK BOX, AND COMBINATION

(57) Abstract :

A mineral cutter pick (1) has an oblong section to define leading (3), trailing (4) and side (5) faces of a shank (2), and hence has longitudinal and transverse axes (6, 7). The shank (2) is provided with a single, circular section through hole (16) extending orthogonally across its side faces (5), in which hole (16) is fitted a resilient member (17) of circular section with an external diameter to match that of the hole (16), the resilient member (17) itself having a coaxial through hole (18) so as to provide an annulus of constant thickness when uncompressed and adapted, in use, after the pick shank (2) has been inserted into a shank-receiving aperture (22) of a pick box (5), to itself receive, and frictionally retain, a manually insertable, and manually removable, metal pin (23) adapted to project beyond the side faces (5). The invention also includes a pick box (15), to receive the shank (2) comprising a body (28) provided with a through hole (31) extending orthogonally across the body (28) and adapted, in use, to intersect with the through hole (18) of the resilient member (17). The invention also includes a pick and box combination.

No. of Pages : 11 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/02/2012

(54) Title of the invention : ELECTRICAL INSULATING MATERIAL AND HIGH VOLTAGE EQUIPMENT

(51) International classification :	:F21Q	(71)Name of Applicant :
(31) Priority Document No	:2011- 129747	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.
(32) Priority Date :	10/06/2011	Address of Applicant :3, KANDA NERIBEI-CHO,
(33) Name of priority country :	Japan	CHIYODA-KU, TOKYO, JAPAN
(86) International Application No :	NĀ	(72)Name of Inventor :
Filing Date :	NA	1)MATSUMOTO HIRONORI
(87) International Publication No :	NA	2)OOTAKE ATSUSHI
(61) Patent of Addition to Application Number :	NA	3)TAKEUCHI MASAKI
Filing Date :	NA	
(62) Divisional to Application Number :	NA	
Filing Date :	NA	

(57) Abstract :

[Problem] An electrical insulating material excellent in crack resistance properties without deteriorating the properties of an insulating resin in a solid insulation system, and a high voltage equipment using the same are provided. [Solution] An electrical insulating material comprising: an epoxy resin; a curing agent; and an elastomer particle and an inorganic particle as an additive material, wherein at least a part of the elastomer particle is radiation cross-linked. A high voltage equipment such as a transformer, a circuit breaker, a motor, and an inverter, in which this electrical insulating material is applied at a site requiring an electrical insulation of an electrical equipment. [Selected Drawing] Figure 1

No. of Pages : 20 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CATALYTIC CRACKING METHOD FOR TREATING A FRACTION HAVING A LOW AMOUNT OF CONRADSON CARBON

 (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 	:C10G11/18,B01J38/30 :1155852 :30/06/2011 :France :PCT/FR2012/051505 :29/06/2012 :WO 2013/001245 :NA :NA :NA :NA	 (71)Name of Applicant : TOTAL RAFFINAGE FRANCE Address of Applicant :2 place Jean Millier La Dfense F 92400 Courbevoie France (72)Name of Inventor : BORIES Marc LEROY Patrick GBORDZOE Eusebius
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(57) Abstract :

The present invention describes a method for the catalytic cracking of a slightly coking feedstock containing 0.1 wt % of Conradson carbone and having a hydrogen content of more than 12.7 wt % including at least a cracking area for the feedstock an area for separating/stripping the effluents from the coked catalyst grains and an area for regenerating said grains characterised in that upstream and/or during the step of regenerating the catalyst at least one solid carbon material in fluidised state having a carbon content of no less than 80 wt % is injected into a dense bed of coked catalyst.

No. of Pages : 31 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BOTULINUM TOXINS FOR USE IN A METHOD FOR TREATMENT OF ADIPOSE DEPOSITS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K38/48,A61K8/64,A61P3/04 :61/509700 :20/07/2011 :U.S.A.	 (71)Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/047405 :19/07/2012	(72)Name of Inventor :1)CERNOK Katherine2)MARTINEZ Kenneth
(87) International Publication No	:WO 2013/013042	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the invention include methods and compositions for treatment of adipose deposits.

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

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD IMAGE PROCESSING DEVICE AND COMPUTED TOMOGRAPHY SYSTEM FOR OBTAINING A 4D IMAGE DATA RECORD OF AN OBJECT UNDER EXAMINATION AND COMPUTER PROGRAM PRODUCT WITH PROGRAM CODE SECTIONS FOR CARRYING OUT A METHOD OF THIS KIND

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:102011006501.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:31/03/2011	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GABRIEL HARAS
(87) International Publication No	:NA	2)STEFAN THESEN
(61) Patent of Addition to Application Number	:NA	3)CARSTEN THIERFELDER
Filing Date	:NA	4)JOHANN UEBLER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method, image processing device and computed tomography system for obtaining a 4D image data record of an object under examination and computer program product with program code sections for carrying out a method of this kind The invention relates to a method for obtaining a 4D image data record (14) of an object under examination (12) using measured data from a computed tomography system (1) in which projection data (18) are accepted which were acquired by means of the computed tomography system (1) at different imaging time points (t1, t2) by means of an helical scan method following the administration of contrast medium (KM) to the object under examination (12). On the basis of the projection data (18), image data (20) of the object under examination (12) are then reconstructed and linked with the imaging time points (t1, t2) to a space/time data record (22). Then, a prespecified parameterized 4D image data model (34) is individualized with adaptation (AN) to the space/time data record (22) by varying model parameters. An image processing device (10) and a computed tomography system (1) with an image processing device (10) of this kind are also described. The invention also relates to a computer program product with program code sections for carrying out a method of this kind.

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM OF A SENSOR INTERFACE HAVING DYNAMIC AUTOMATIC GAIN CONTROL

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:13/033,249	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:23/02/2011	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)ROYLANCE JAMES MERRILL
(87) International Publication No	:NA	2)ABAWI DANIEL ZAHI
(61) Patent of Addition to Application Number	:NA	3)DEB BIPLAB
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the invention described herein provide a magnetic sensor interface capable of adjusting signal conditioning dynamically such that the true positive and negative peaks of the input signal are maintained for a given target across its entire speed range (O-Max rpm), therefore increasing the signal to noise ratio at low speeds and avoiding clipping or distortion at high speeds. In one aspect, a method comprises receiving an alternating differential voltage signal from a sensor (102). The alternating differential voltage signal has an amplitude that changes over time. The alternating differential voltage signal is converted to an attenuated single-ended voltage signal that can be dynamically scaled. The attenuated single-ended voltage signal can be scaled by multiplying the attenuated single-ended voltage signal by a scaling factor. The scaling factor is selected to maximize a signal-to-noise ratio of the scaled attenuated single-ended voltage signal.

No. of Pages : 33 No. of Claims : 12

(54) Title of the invention : FUEL CELL AND MEMBRANE THEREFOR

(21) Application No.273/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H01M8/02,H01M8/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNITED TECHNOLOGIES CORPORATION
(32) Priority Date	:NA	Address of Applicant :One Financial Plaza Hartford CT 06101
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2011/048172	(72)Name of Inventor :
Filing Date	:18/08/2011	1)AINDOW Tai Tsui
(87) International Publication No	:WO 2013/025216	
(61) Patent of Addition to Application	·NI A	
Number	·NA	
Filing Date	.1 N A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel cell includes first and second flow field plates and an anode electrode and a cathode electrode between the flow field plates. A polymer electrolyte membrane (PEM) is arranged between the electrodes. At least one of the flow field plates influences at least in part an in plane anisotropic physical condition of the PEM that varies in magnitude between a high value direction and a low value direction. The PEM has an in plane physical property that varies in magnitude between a high value direction and a low value direction. The PEM is oriented with its high value direction substantially aligned with the high value direction of the flow field plate.

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

(21) Application No.3327/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : URINE PRODUCTION HANDLING DEVICE AND METHOD

(51) International classification	:G01F3/38,G01F23/26,G01F25/00	(71)Name of Applicant :
(31) Priority Document No	:11510898	1)OBSERVE MEDICAL APS
(32) Priority Date	:16/11/2011	Address of Applicant :Diplomvej 381 DK 2800 Kongens
(33) Name of priority country	:Sweden	Lyngby Denmark
(86) International Application	·DCT/ED2012/072771	(72)Name of Inventor :
No	.15/11/2012	1)L–FGREN Mikael
Filing Date	.13/11/2012	2)CHARLEZ Mikael
(87) International Publication No	:WO 2013/072430	
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date	.11A	
(62) Divisional to Application	·NIA	
Number	.INA •NA	
Filing Date	.1NA	

(57) Abstract :

Method for automatically with the aid of a processor determining a surface degeneration of a first surface of a urine handling system the first surface being intended to come into contact with urine the method comprises the following main steps: a) repeatedly measuring one or more capacitive values of the first surface forming capacitive measurements; b) storing all or representative instants of the capacitive measurements; c) deciding based on changes of the stored capacitive measurements that a significant surface degeneration of the first surface has occurred

No. of Pages : 49 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :25/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ALC	COHOL FREE MOUTHWASH	
 (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 	:A61K8/34,A61K8/41,A61K8/92 :NA :NA :NA :PCT/US2011/059865 :09/11/2011 o:WO 2013/070198 :NA :NA :NA	 (71)Name of Applicant : 1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor : 1)VOGT Robert 2)KOHRS Karsten 3)ARVANITIDOU Evangelia S. 4)PERNA Fernando

(57) Abstract :

The invention provides ethanol free liquid oral care compositions comprising cetyl pyridinium chloride which do not have an unacceptably bitter taste e.g. mouthwashes toothpastes throat sprays and breath sprays that are substantially free of ethanol e.g. comprising (i) an antimicrobially effective amount of cetyl pyridinium chloride (CPC) (ii) one or more flavoring oils which are substantially insoluble in water at room temperature and (iii) water wherein the ratio of the CPC to the one or more flavoring oils is from 1:1.5 to 1:2.5 as well as methods of making and using the same.

No. of Pages : 16 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/04/2014

(54) Title of the invention : APPARATUS AND METHOD FOR REMOVAL OF IONS

 (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 	:C02F1/469,B01D61/50,B01D61/44 :2007598 :14/10/2011 :Netherlands :PCT/NL2012/050716 :12/10/2012 :WO 2013/055220 :NA :NA	 (71)Name of Applicant : 1)VOLTEA B.V. Address of Applicant :24 Wasbeekerlaan NL 2171 AE Sassenheim Netherlands (72)Name of Inventor : 1)van der WAL Albert 2)REINHOUDT Hank Robert 3)van LIMPT Bart 4)BEDNAR Thomas Richard 5)ELLIS George Shoemaker 6)AVERBECK David Jeffrey
Filing Date (62) Divisional to Application Number Filing Date	^l :NA :NA	

(57) Abstract :

An apparatus for removal of ions provided with a plurality of capacitive electrode stacks. Each capacitive electrode stack may have: a plurality of first electrodes provided with a plurality of first current collectors; a plurality of second electrodes provided with a plurality of second current collectors; and a spacer between the first and second electrodes for allowing water to flow in between the electrodes. The second current collectors of a first of the plurality of capacitive electrode stacks may be connected to the first current collectors of a second of the plurality of capacitive electrode stacks.

No. of Pages : 43 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C10J 3/00	(71)Name of Applicant :
(31) Priority Document No	:61/231,261	1)HRD CORPORATION
(32) Priority Date	:04/08/2009	Address of Applicant :14549 MINETTA, HOUSTON,
(33) Name of priority country	:U.S.A.	TEXAS 77035, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/043532	(72)Name of Inventor :
Filing Date	:28/07/2010	1)ABBAS HASSAN
(87) International Publication No	:WO 2011/017158	2)AZIZ HASSAN
(61) Patent of Addition to Application	٠NIA	3)RAYFORD G. ANTHONY
Number	·NA	4)GREGORY G. BORSINGER
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GASISFICATION OF CARBONACEOUS MATERIALS AND GAS TO LIQUID PROCESSES

(57) Abstract :

Herein disclosed is a method of producing synthesis gas from carbonaceous material, the method comprising: (a) providing a mixture comprising carbonaceous material and a liquid medium; (b) subjecting the mixture to high shear under gasification conditions whereby a high shear-treated stream comprising synthesis gas is produced; and (c) separating a product comprising synthesis gas from the high shear-treated stream. Herein also disclosed is a method for producing a liquid product. The method comprises forming a dispersion comprising gas bubbles dispersed in a liquid phase in a high shear device, wherein the average gas bubble diameter is less than about 1.5 urn; contacting the dispersion with a multifunctional catalyst to form the liquid product; and recovering the liquid product. In an embodiment, the liquid product is selected from the group consisting of C2+ hydrocarbons, C2+ oxygenates, and combinations thereof.

No. of Pages : 112 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : NANOPARTICLES PROCESS FOR PREPARATION AND USE THEREOF AS CARRIER FOR AMPHIPATIC OF HYDROPHOBIC MOLECULES IN FIELDS OF MEDICINE INCLUDING CANCER TREATMENT AND FOOD RELATED COMPOUNDS

(51) International classification	:A61K36/00,A61K31/015	(71)Name of Applicant :
(31) Priority Document No	:61/542425	1)MOREINX AB
(32) Priority Date	:03/10/2011	Address of Applicant :Hrkebergaby 6 S 745 96 Enkping
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/SE2012/051048	(72)Name of Inventor :
Filing Date	:01/10/2012	1)Morein Bror
(87) International Publication No	:WO 2013/051994	2)Berenjian Saideh
(61) Patent of Addition to Application	٠NA	3)Hu Kafei
Number		
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention regards nanoparticles comprising a sterol and a component derived from Quillaja saponaria Molina selected from quillaja acid and quillaja saponin which nanoparticles do not comprise a phospholipid. It also relates to a composition comprising the nanoparticles and the use thereof as adjuvant especially in vaccines as carriers for amphipathic or hydrophobic molecules and as agents for treatment of cancer. Further it regards a method for producing the phospholipid free nanoparticles a method for the treatment of cancer and a method for assessing the applicability of the cancer treating method.

No. of Pages : 65 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H01F7/10	(71)Name of Applicant :
(31) Priority Document No	:61/627636	1)THE GUITAMMER COMPANY
(32) Priority Date	:17/10/2011	Address of Applicant :6117 Maxtown Road Westerville OH
(33) Name of priority country	:U.S.A.	43082 U.S.A.
(86) International Application No	:PCT/US2012/060427	(72)Name of Inventor :
Filing Date	:16/10/2012	1)CLAMME Marvin L.
(87) International Publication No	:WO 2013/059196	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VIBRATION TRANSDUCER AND ACTUATOR

(57) Abstract :

Disclosed herein are multiple embodiments of a vibration transducer and actuator which combine an upper piece a lower piece a permanent magnet an electromagnet coil and in some embodiments a spring spacer.

No. of Pages : 19 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN IMMUNOCHROMATOGRAPHIC DEVICE FOR IMPLEMENTATION OF AN INTERFERON-GAMMA RELEASE ASSAY FOR DIAGNOSIS OF TUBERCULOSIS AND OTHER INFECTIOUS DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 (51) Patent of Adplication Number (51) Patent of Application Number 	C12N NA NA NA NA NA NA NA NA	 (71)Name of Applicant : 1)GITAM UNIVERSITY Address of Applicant :GANDHI NAGAR, RUSHIKONDA, VISAKHAPATNAM-530 045, ANDHRA PRADESH, INDIA (72)Name of Inventor : 1)SEKHAR, TALLURI; 2)SINHA RATHINDRANATH;
(62) Divisional to Application Number : 1 Filing Date : 1	NA NA	

(57) Abstract :

The present invention relates to an immunochromatographic device which enables the detection of an infectious disease by testing for the release of interferon gamma from the blood cells of individuals exposed to the microbes responsible for causing the infectious disease. Particularly, the invention provides an immunochromatographic device which detects tuberculosis by testing for the release of interferon gamma from the blood cells of infected individuals. The said device comprises of a sample pad, a detection pad, multiple reagent reservoirs and multiple fluidic paths that can be activated at specified times under user control, as per the requirements of the assay. The device is designed to combine the advantages of high sensitivity and selectivity associated with conventional interferon gamma release assays and the ease of use of devices based on immunochromatography. The device is suitable for point-of-care diagnostics in locations that do not have access to standard clinical laboratory equipment.

No. of Pages : 28 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR PRODUCING ALKALI CELLULOSE AND CELLULOSE ETHER :C07C (71)Name of Applicant : (51) International classification 1)SHIN-ETSU CHEMICAL CO. LTD. :2011-(31) Priority Document No Address of Applicant :6-1 Otemachi 2-chome Chivoda-ku 034471 (32) Priority Date :21/02/2011 Tokyo Japan (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA **1)NARITA Mitsuo** Filing Date :NA (87) 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 degree of polymerization of cellulose ether is accurately controlled and quality and a manufacturing process of the cellulose ether are stabilized. There is provided a method for producing depolymerized alkali cellulose having a degree of polymerization controlled comprising at least a step of depolymerizing in the presence of an oxygen-containing gas flow alkali cellulose obtained by bringing a pulp into contact with an alkali solution while measuring feeding and discharging amounts of oxygen in the oxygen-containing gas flow. There is also provided a method for producing cellulose ether comprising at least a step of adding an etherifying agent to the depolymerized alkali cellulose having a degree of polymerization controlled.

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

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BIOREFINERY METHOD

(51) International classification	:C10G 1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009 030 843.1	1)NEXXOIL AG
(32) Priority Date	:26/06/2009	Address of Applicant :BLEICHERWEG 45, CH-8027
(33) Name of priority country	:Germany	ZURICH, SWITZERLAND
(86) International Application No	:PCT/DE/2010/000705	(72)Name of Inventor :
Filing Date	:22/06/2010	1)THOMAS WILLNER
(87) International Publication No	:WO 2010/149137	
(61) Patent of Addition to Application	•N A	
Number	.INA .NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a petrochemical product from biomass, in¬volving the following steps: dewatering and drying biomass; producing crude oil by the direct liquefaction of the dried biomass; hydrogenating the crude oil into hydrocarbons; and refining the hydrocarbons into a pe¬trochemical product. Said method- is characterized in that the hydrogen used for hydrogenating the crude oil is obtained from the wastewater accumulated during the dewatering and drying of the biomass and/or du¬ring the direct liquefaction and from the residue accu¬mulated during the direct liquefaction.

No. of Pages : 17 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DISF	POSABLE BABY BOTTLE KIT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D1/02,A61J9/00,A61J11/00 :NA :NA :NA o:PCT/TH2012/000018 :23/04/2012 o:WO 2013/162481 :NA :NA :NA	 (71)Name of Applicant : ASIAN MOS CO. LTD. Address of Applicant :175/154 Sukhumvit Soi 39 Sukhumvit Road Klongton Nua Wattana Bangkok 10110 Thailand (72)Name of Inventor : LIMWANAWONG Amonrat

(57) Abstract :

A disposable baby bottle kit (10) that is easy to assemble with lowered risk of contamination of the baby bottle. The disposable baby bottle kit comprising a container that has a first portion (1) and a second portion (2) a collapsible baby bottle (3) positioned within the first portion of the container and a teat unit (4) fitted to the second portion of the container. The first portion and the second portion of the container are coupled to each other enclosing the collapsible baby bottle and the teat unit therein.

No. of Pages : 26 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR FORMING CONDUCTIVE PATTERN CONDUCTIVE PATTERN SUBSTRATE AND TOUCH PANEL SENSOR

 (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 	:G03F7/38,G03F7/004,G03F7/028 :2011219176 :03/10/2011 :Japan :PCT/JP2012/075421 :01/10/2012 :WO 2013/051516 :NA :NA	 (71)Name of Applicant : 1)HITACHI CHEMICAL COMPANY LTD. Address of Applicant :9 2 Marunouchi 1 chome Chiyoda ku Tokyo 1006606 Japan (72)Name of Inventor : 1)YAMAZAKI Hiroshi 2)IGARASHI Yoshimi
Number Filing Date	:NA :NA	

(57) Abstract :

This method for forming a conductive pattern comprises: a first light exposure step wherein a photosensitive layer which contains a photosensitive resin layer provided on a substrate and a conductive film that is arranged on a surface of the photosensitive layer said surface being on the reverse side of the substrate side surface is irradiated with an active light ray in a pattern; a second light exposure step wherein a part or all of the unexposed area of the photosensitive layer said area having not been exposed in the first light exposure step is irradiated with an active light ray in the presence of oxygen; and a development step wherein a conductive pattern is formed by developing the photosensitive layer after the second light exposure step.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (21) Application No.423/DEL/2012 A (19) INDIA (22) Date of filing of Application :15/02/2012 (43) Publication Date : 05/06/2015 (54) Title of the invention : CAP FOR CONTAINERS, FOR EXAMPLE FOR BOTTLES OR FLEXIBLE PACKAGES, IN PARTICULAR FOR CHILDREN'S DRINKS (51) International classification :B64D (71)Name of Applicant : 1)GUALA PACK S.P.A. (31) Priority Document No :BS2011A000015 (32) Priority Date :18/02/2011 Address of Applicant : VIA CARLO MUSSA, 266 I-15073 CASTELLAZZO BORMIDA, ALESSANDRIA ITALY (33) Name of priority country :Italy (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)TAMARINDO, STEFANO (87) International Publication No :NA

ribs (20) for attaching to a similar, laterally adjacent cap and axial teeth (30) for attaching to a similar axially overlapping cap.

A plastic cap (1) for a container, such as a bottle or flexible package, in particular for liquid foods for children, comprising projecting

:NA

:NA

:NA

:NA

No. of Pages : 15 No. of Claims : 18

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

Filing Date

Filing Date

(57) Abstract :

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : EPOXY COMPOSITE COMPOSITION AND METHOD OF MAKING THE SAME

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence Govt of India
(86) International Application No	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
Filing Date	:NA	110105 Delhi India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Ivaturi Srikanth
Filing Date	:NA	2)Anil Kumar
(62) Divisional to Application Number	:NA	3)Partha Ghosal
Filing Date	:NA	4)Ganta Rohini Devi

(57) Abstract :

The present invention is related to an epoxy composite composition comprising of toughened epoxy combination of curing agents and fibers. Further the present invention provides a method for the preparation of epoxy composition. The present invention also provides a method for the preparation of epoxy composite composition.

No. of Pages : 30 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/02/2012

(51) International classification :B44C (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION :2011-(31) Priority Document No Address of Applicant :300, TAKATSUKA-CHO, MINAMI-040450 :25/02/2011 KU, HAMMAMATSU-SHI, SHIZUOKA-KEN 432-8611, (32) Priority Date (33) Name of priority country JAPAN :Japan (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)TANAKA HIROOMI** (87) International Publication No :NA 2)FUJITA MASAHIRO (61) Patent of Addition to Application Number :NA **3)MURAMATSU HITOSHI** Filing Date :NA (62) Divisional to Application Number :NA

:NA

(54) Title of the invention : METHOD FOR PAINTING ARTICLE TO BE TREATED

(57) Abstract :

Filing Date

An object of the present invention is to unify sealing treatment and degreasing treatment by treating an anodic oxide film of an article to be treated made from aluminum or an aluminum alloy with a strongly basic treatment liquid containing a lithium ion, and simplify a pretreatment step for painting. A method for painting the article to be treated, by forming the anodic oxide film on the article to be treated made from aluminum or the aluminum alloy, and painting the article to be treated by using the anodic oxide film as a substrate, includes a first step including anodic treatment S1 and a second step including painting treatment S3, wherein sealing treatment and degreasing treatment are conducted in a unified way with the use of a strongly basic bath containing the lithium ion.

No. of Pages : 42 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61C	(71)Name of Applicant :
(31) Priority Document No	:61/225,323	1)ELENZA INC.
(32) Priority Date	:14/07/2009	Address of Applicant :5238 Valleypointe Parkway Suite 6
(33) Name of priority country	:U.S.A.	Roanoke Virginia 24019 United States of America
(86) International Application No	:PCT/US2010/041958	(72)Name of Inventor :
Filing Date	:14/07/2010	1)SCHNELL Urban
(87) International Publication No	: NA	2)FEHR Jean-Noel
(61) Patent of Addition to Application	·NI A	3)SAURER Alain
Number		4)GUPTA Amitava
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FOLDING DESIGNS FOR INTRAOCULAR LENSES

(57) Abstract :

Folding patterns for intraocular lens are provided In a first embodiment an intraocular lens is disclosed comprising a body comprising one or more fold lines such that the body can assume a folded configuration and an unfolded configuration and an electroactive component contained in or on the body wherein at least one dimension of the folded configuration is less than about 7 mm.

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A PROCESS FOR PREPARING NANO-CRYSTALLINE OLIVINE STRUCTURE TRANSITION METAL PHOSPHATE-MATERIAL

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW
(33) Name of priority country	:NA	MATERIALS(ARCI)
(86) International Application No	:NA	Address of Applicant : PLOT NO. 102, INSTITUTIONAL
Filing Date	:NA	AREA, SECTOR-44, GURGAON-122003, HARYANA Haryana
(87) International Publication No	:NA	India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DINESH RANGAPPA
(62) Divisional to Application Number	:NA	2)R. GOPALAN
Filing Date	:NA	3)T.N. RAO

(57) Abstract :

The present invention relates to a process for producing porous nano-crystalline LiMPO4 (M=Fe, Mn, Co) active cathode materials with good electrochemical performance for Li ion battery application. This process includes; a spray drying combustion step to obtain a amorphous LiMPO4 particles using sucrose or graphene oxide or urea as carbon and fuel sources, a heat treatment step under Ar + H2 atmosphere at 500-700 °C to obtain porous nano-crystalline active materials, wherein, carbon or graphene coated particles with mean particle size of 20-40 ran.

No. of Pages : 30 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN INNOVATIVE BIOMASS-FUELLED GASIFICATION/GASIFFER SYSTEM FOR ARECANUT PROCESSING AND METHOD OF WORKING FOR SAME

 (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 	:C07C :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE ENERGY AND RESOURCES INSTITUTE (TERI) Address of Applicant :DARBARI SETH BLOCK, IHC COMPLEX, LODHI ROAD, NEW DELHI 110 003 Delhi India (72)Name of Inventor : 1)DR. DEBAJIT PALIT 2)DR. V V N KISHORE
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)DR. S MANDE 4)DR. P RAMAN

(57) Abstract :

The present invention describes a broad and comprehensive framework for providing a biomass-fuelled gasifier system for arecanut processing, which is cost effective, environment friendly, easy to operate, highly fuel efficient and with little or minimal raw material limitations.

No. of Pages : 24 No. of Claims : 10
(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

:C07C (71)Name of Applicant : (51) International classification 1)SHIN-ETSU CHEMICAL CO. LTD. :2011-(31) Priority Document No Address of Applicant :6-1 Otemachi 2-chome Chivoda-ku 034469 (32) Priority Date :21/02/2011 Tokyo Japan (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA **1)NARITA Mitsuo** Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR PRODUCING CELLULOSE ETHER

(57) Abstract :

Provided is a method for producing cellulose ether whose aqueous solution is transparent and contains a smaller amount of waterinsoluble portion. The method comprises at least the steps of: providing at least two alkali cellulose materials having different compositions each of the materials having been prepared by bringing a pulp into contact with a solution of alkali metal hydroxide and draining; and mixing the at least two alkali cellulose materials having different compositions wherein each weight ratio of the alkali metal hydroxide in each of the alkali cellulose materials having different compositions to a solid component in the pulp (alkali metal hydroxide/solid component in pulp) is equal to 0.4 to 2.5 times of a weight ratio of alkali metal hydroxide in the alkali cellulose obtained in the step of mixing to solid components in a sum of pulps used for preparation of the alkali cellulose materials.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CAPACITOR-OPERATED MOTER HAVING A SINGLE WINDING SPAN

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHANG, FANG-FU
(32) Priority Date	:NA	Address of Applicant :RM, C, 10F., NO. 251, SEC. 2, XINYI
(33) Name of priority country	:NA	RD., ZHONGZHENG DIST., TAIPEI, CITY, TAIWAN, R.O.C.
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CHANG, FANG-FU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A capacitor-operated motor having a single winding span includes a housing, a stator par, and a rotor par. The stator part is formed by stacking up a plurality of stator core plates that have a plurality of primary-phase tooth parts, secondary-phase tooth parts, and stator slots. The primary windings and the secondary windings are wound around the primary-phase tooth parts and the secondary-phase tooth parts respectively. When the current is conducted through the plurality of primary windings and the plurality of secondary windings, magnetic force is generated to rotate the rotor part. The secondary-phase tooth parts are alternately arranged with the primary-phase tooth parts with stator slot positioned in between them. The fact that the number of rotor slot is at least two times as many as that of the stator slot is capable of lowering the vibration and noise of the capacitor-operated motor having a single winding span.

No. of Pages : 14 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF PURE OXCARBAZEPINE

 (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 	:C07C :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)Jubilant Life Sciences Limited Address of Applicant :Plot 1A Sector 16A Noida-201 301 Uttar Pradesh India (72)Name of Inventor : 1)JAIN Sandeep 2)RANA Pardeep Singh
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)TIWARI Rakesh 4)VIR Dharam 5)AGARWAL Ashutosh

(57) Abstract :

The present invention provides a process for the preparation of pure oxcarbazepine substantially free of impurities directly from the reaction mixture without involving the purification steps such multiple crystallizations.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PROVIDING A FREQUENCY RESPONSE FOR A COMBINED CYCLE POWER PLANT

(51) International classification	:F01D17/00	(71)Name of Applicant :
(31) Priority Document No	:13156292.8	1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date	:22/02/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)SCHLESIER, JAN
Filing Date	:NA	2)OLIA, HAMID
(87) International Publication No	: NA	3)SCHOENENBERGER, MARTIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure refers to a method for providing a frequency response for a combined cycle power plant (1) connected to an electric grid (21). The combined cycle power plant (1) includes a gas turbine engine (2) and a steam turbine engine (3). The steam turbine engine (3) includes a boiler (11), a steam turbine (12), a pump (14), a condenser (13), a bypass (15) for the steam turbine (12), a steam admission control valve (12a). The steam turbine engine (3) operates with the bypass (15) closed or at least partly open to supply steam from the boiler (11) to the condenser (13) bypassing the steam turbine (12), and/or with the steam admission control valve (12a) at least partly open. The method comprises regulating the output load of the combined cycle power plant (1) by regulating the steam admission control valve (12a) and/or by regulating the steam flow through the bypass (15) in response to a frequency change of the electric grid (21). The output of the gas turbine (2) can also be adjusted, such that steam generated by the boiler (11) is sufficient to achieve the target load for the steam turbine (12).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING AND MARKETING CONTENT FOR OUTDOOR ADVERTISEMENT PLATFORMS

(51) International classification(31) Priority Document No(32) Priority Date	:G06K :NA :NA	 (71)Name of Applicant : 1)ABHISHEK SINGH Address of Applicant :MIG-27, HOUSING BOARD
(33) Name of priority country	:NA	COLONY REWA, MADHYA PRADESH,
(86) International Application No	:NA	2)MOHAMMED SOHAIB FAROOQUI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ABHISHEK SINGH
(61) Patent of Addition to Application Number	:NA	2)MOHAMMED SOHAIB FAROOQUI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Outdoor advertisement is becoming a popular marketing platform in locations with high intensity of tourists or shoppers. User generated content loses its communication path on online platforms avoiding mass marketing. Invention relates to completing the communication path of user generated content for mass marketing. A system comprises a central server and a receiver to receive user generated content. Multimedia content is prepared inclusive of filtered user generated content. Display devices at discrete locations receive the prepared multimedia content for display for mass visibility at locations with high intensity of tourist or shoppers. Evidence of the display is also communicated back to the corresponding user to share with his or her physical, online, or cloud social networks completing the communication path and achieving mass marketing.



No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONSTRAINED METAL FLANGES AND METHODS FOR MAKING THE SAME

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:13/032,315	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:22/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1) VAN DAM, JEREMY DANIEL
(87) International Publication No	:NA	2)DENIKE, KAREN KETTLER
(61) Patent of Addition to Application Number	:NA	3)HARAN, KIRUBA SIVASUBRAMANIAM
Filing Date	:NA	4)LIPKIN, DON MARK
(62) Divisional to Application Number	:NA	5)PETERSON II, MYLES STANDISH
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of making a flanged metal article. The method comprises (a) applying a first braze compound to a first portion of a metal article; (b) winding the first portion of a metal article with a length of a constraining metal member; and (c) heating an assembly of the metal article, the constraining metal member, and the first braze compound to a temperature above the solidus temperature of the first braze compound, typically a temperature in a range from about 300°C to about 2500°C, to provide a flanged metal article, wherein the metal article has a coefficient of thermal expansion CTE 1, the constraining metal member has a coefficient of thermal expansion CTE 2, and CTE 1 is greater than CTE 2. The invention further provides a metal flange, which minimizes thermal expansion mismatch between a high expansion metal and a low expansion brittle material.

No. of Pages : 35 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61K 31/497	(71)Name of Applicant :
(31) Priority Document No	:61/221,430	1)AGIOS PHARMACEUTICALS, INC.
(32) Priority Date	:29/06/2009	Address of Applicant :38 SIDNEY STREET, CAMBRIDGE,
(33) Name of priority country	:U.S.A.	MA 02139, UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2010/040486	(72)Name of Inventor :
Filing Date	:29/06/2010	1)SAUNDERS, JEFFREY, O.
(87) International Publication No	:WO 2011/002817	2)SALITURO, FRANCESCO, O.
(61) Patent of Addition to Application	٠NA	3)YAN, SHUNQI
Number	·NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : THERAPEUTIC COMPOUNDS AND COMPOSITIONS

(57) Abstract :

Compounds and compositions comprising compounds that modulate pyruvate kinase M2 (PKM2) are described herein. Also described herein are methods of using the compounds that modulate PKM2 in the treatment of cancer.

No. of Pages : 418 No. of Claims : 30

(22) Date of filing of Application :30/04/2014

(21) Application No.3478/DELNP/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL PROCESS

 (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 	:C07D313/00,C07C67/475,C07C69/07 :PCT/CN2011/081437 :27/10/2011 :China :PCT/EP2012/071215 :26/10/2012 :WO 2013/060818 :NA	 (71)Name of Applicant : GIVAUDAN SA Address of Applicant :Chemin de la Parfumerie 5 CH 1214 Vernier Switzerland (72)Name of Inventor : ZOU Yue ZHOU Li Jun DING Changming GOEKE Andreas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a direct acid catalyzed intermolecular electrocyclic rearrangement process for the preparation of linear and cyclic homoallylic ester and amides.

No. of Pages : 30 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD OF CONSTRUCTING A MIXTURE MODEL (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1) GENERAL ELECTRIC COMPANY :13/027,829 (32) Priority Date :15/02/2011 Address of Applicant :1 RIVER ROAD, SCHENECTADY, (33) Name of priority country NEW YORK 12345, U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :NA 1)CALLAN, ROBERT EDWARD Filing Date :NA (87) International Publication No :NA 2)LARDER, BRIAN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of constructing a general mixture model (100) of a dataset includes partitioning the dataset into at least two subsets (104) according to predefined criteria (108), generating a subset mixture model for each of the at least two subsets (110), and then combining the mixture models from each subset to generate a general mixture model (120).

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

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:13/032,151	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:22/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBBU RAJESH VENKAT
(87) International Publication No	:NA	2)PETERSEN JON DAVID
(61) Patent of Addition to Application Number	:NA	3)CHEN WEIWEI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHODS AND SYSTEMS FOR MANAGING AIR TRAFFIC

(57) Abstract :

Methods and systems suitable for processing multiple trajectory modification requests received from multiple aircraft within an airspace. The methods include receiving multiple trajectory modification requests that are transmitted from multiple aircraft and request alterations of the altitudes, speeds and/or lateral routes thereof, sequentially performing conflict assessments on the multiple trajectory modification requests to determine if any of the multiple trajectory modification requests pose conflicts with the altitudes, speeds and lateral routes of any other of the multiple aircraft, placing in a computer memory data queue n trajectory modification requests of the multiple trajectory modification requests as posing conflicts, and periodically processing the queue to perform subsequent conflict assessments on the n trajectory modification requests to determine if any of the altitudes, speeds and lateral routes of any other of the multiple aircraft are identified by the conflict assessments as posing conflicts, and periodically processing the queue to perform subsequent conflict assessments on the n trajectory modification requests still pose conflicts with the altitudes, speeds and lateral routes of any other of the multiple aircraft.

No. of Pages : 48 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ALTERNATING CURRENT TO DIRECT CURRENT POWER CONVERSION		
(51) International classification	:G09D	(71)Name of Applicant :
(31) Priority Document No	:13/096005	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/04/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJU, RAVISEKHAR NADIMPALLI
(87) International Publication No	:NA	2)GARCES, LUIS JOSE
(61) Patent of Addition to Application Number	:NA	3)STEIGERWALD, ROBERT LOUIS
Filing Date	:NA	4)SCHUTTEN, MICHAEL JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alternating current to direct current (AC to DC) power conversion system is provided. The system includes a rectifier configured to convert an input AC voltage to an initial pulsating DC voltage. The system also includes an inverter configured to convert the initial pulsating DC voltage to a converted AC voltage. The system further includes a plurality of transformers, each transformer including a primary winding paired to a secondary winding, wherein each of the primary windings is coupled in series with the other primary windings, wherein the series coupled primary windings are coupled to the inverter to receive respective portions of the converted AC voltage. The system also includes a plurality of bridges, each bridge coupled to a respective secondary winding configured to receive a respective portion of a transformed AC voltage from the respective secondary windings, and coupled in parallel to the other bridges to provide a combined DC output voltage.

No. of Pages : 18 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H02N 6/00	(71)Name of Applicant :
(31) Priority Document No	:61/230,238	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:31/07/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A
(86) International Application No	:PCT/US2010/043909	(72)Name of Inventor :
Filing Date	:30/07/2010	1)PREJEAN, GEORGE, WYATT
(87) International Publication No	:WO 2011/014777	
(61) Patent of Addition to Application	·NI A	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CROSS-LINKABLE ENCAPSULANTS FOR PHOTOVOLTAIC CELLS

(57) Abstract :

Provided herein is a blend composition useful as a cross-linkable encapsulant layer and consisting essentially of two ethylene copolymers and optionally one or more additives. The first ethylene copolymer comprises copolymerized units of ethylene, optionally a first olefin having the formula CH2=C(R1)CO2R2, and a second olefin having the formula CH2=C(R3)COOH. The second ethylene copolymer consists essentially of copolymerized units of ethylene, optionally a first olefin having the formula CH2=C(R1)CO2R2, and a second olefin having the formula CH2=C(R1)CO2R2, and a third olefin having the formula CH2=C(R4)D. R1, R3 and R4 represent hydrogen or an alkyl group; R2 represents an alkyl group; and D represents a moiety containing an epoxy group. Further provided are solar cell modules comprising the encapsulant layer. The encapsulant layer comprises the blend composition or the product of cross-linking the blend composition, in which some acid groups of the second olefin have reacted with some epoxy groups of the third olefin.



No. of Pages : 45 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITION, ENERGY STORAGE DEVICE, AND RELATED PROCESSES		
(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:13/034184	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:24/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOGDAN JR., DAVID CHARLES
(87) International Publication No	:NA	2)VALLANCE, MICHAEL ALAN
(61) Patent of Addition to Application Number	:NA	3)HART, RICHARD LOUIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A positive electrode composition 130 is provided. The positive electrode composition 130 includes at least one electroactive metal selected from the group consisting of titanium, vanadium, niobium, molybdenum, nickel, cobalt, chromium, manganese, silver, antimony, cadmium, tin, lead, iron, and zinc. The composition 130 further includes sodium iodide, present in an amount in a range from about 0.1 weight percent to about 0.9 weight percent, based on the weight of the positive electrode composition; a first alkali metal halide; and an electrolyte salt comprising a reaction product of a second alkali metal halide and an aluminum halide, wherein the electrolyte salt has a melting point of less than about 300 degrees Celsius. Related devices, such as a UPS device, also form embodiments of this invention.

No. of Pages : 35 No. of Claims : 10

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRONIC APPLIANCE, CONNECTING APPLIANCE, ELECTRONIC APPLIANCE SYSTEM, AND COMPUTER READABLE MEDIUM

(51) International classification:G09D(31) Priority Document No:2011- 028391(32) Priority Date:14/02/20	 (71)Name of Applicant : 1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME 11 CHIYODA-KU TOKYO 100-8331 JAPAN
(33) Name of priority country :Japan	(72)Name of Inventor :
(86) International Application No :NA	1)OZAKI, KOJI
Filing Date :NA	2)MATSUZAWA, MASATO
(87) International Publication No :NA	3)KAWANO, TAKESHI
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A small-sized connecting appliance is provided. An electronic appliance includes: a connecting section including a power-supply terminal and a connecting terminal to be connected to a connecting appliance; a detecting section that detects the potential of the connecting terminal; a power source control section that starts supplying power via the power-supply terminal; and an appliance recognizing section that recognizes the type of the connecting appliance based on the result of detecting the potential of the connecting terminal after the power supply start A computer readable medium causes a computer to perform: detecting the potential of a connecting terminal connected to a connecting appliance; starting power supply via a power-supply terminal included in a connecting section that connects to the connecting appliance; and recognizing the type of the connecting appliance based on the result of detecting the potential of the connecting terminal after the power supply start.

No. of Pages : 76 No. of Claims : 32

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : YARN WINDING MACHINE			
(51) International classification	:A23J	(71)Name of Applicant :	
(31) Priority Document No	:2011-	1)MURATA MACHINERY LTD.	
(31) Thomy Document No	093316	Address of Applicant :3 MINAMI OCHIAI-CHO,	
(32) Priority Date	:19/04/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,	
(33) Name of priority country	:Japan	JAPAN	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)MUTA KATSUFUMI	
(87) 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 yarn winding machine adapted to form a conical package by winding a yarn, the yarn winding machine including a touch roller adapted to rotate with the package while making contact with an outer peripheral surface of the package; a traverse guide adapted to traverse the yarn to be wound into the package; and a control section adapted to control driving of the traverse guide; wherein the control section controls the driving of the traverse guide to prevent a driving point between the package and the touch roller from moving towards a smaller-diameter side of the package. Most Illustrative Drawing: FIG. 1

No. of Pages : 35 No. of Claims : 15

(54) Title of the invention : BIOLOGICAL METHODS FOR PREPARING ADIPIC ACID

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

 (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 	:C12N 1/21 :61,222,902 :02/07/2009 :U.S.A. :PCT/US2010/040837 :01/07/2010 :WO 2011/003034 :NA :NA :NA	 (71)Name of Applicant : 1)VERDEZYNE, INC. Address of Applicant :2715 LOKER AVENUE WEST, CARLSBAD, CALIFORNIA 92010, UNITED STATES OF AMERICA (72)Name of Inventor : 1)STEPHEN PICATAGGIO 2)TOM BEARDSLEE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The technology relates in part to biological methods for producing adipic acid and engineered microorganisms capable of such production.

No. of Pages : 244 No. of Claims : 213

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USE IN CHARGING AN ELECTRICALLY POWERED VEHICLE (51) International classification :G09D (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/048280 (32) Priority Date :15/03/2011 Address of Applicant :1 RIVER ROAD, SCHENECTADY, (33) Name of priority country NEW YORK 12345, U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :NA **1)BOOT, JOHN CHRISTOPHER** Filing Date :NA (87) 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 (200) for use in charging an electrically powered vehicle (205) is provided. The system includes a registration device (245) configured to receive an indication that a wireless transmission device (255) is associated with an authorized vehicle, receive a first signal from the wireless transmission device, wherein the first signal indicates a transmitter identifier, and associate a charging authorization with the indicated transmitter identifier, and a charging device (210) coupled in communication with the registration device. The charging device is configured to receive a second signal from the wireless transmission device, wherein the second signal indicates the transmitter identifier, and provide electrical energy to the vehicle based on the charging authorization associated with the transmitter identifier.

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

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ROTATING ELECTRICAL MACHINE, WIRE CONNECTING SUBSTRATE OF ROTATING ELECTRICAL MACHINE, MANUFACTURING METHOD OF ROTATING ELECTRICAL MACHINE, AND MANUFACTURING METHOD OF WIRE CONNECTING SUBSTRATE OF ROTATING ELECTRICAL MACHINE

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:2011- 172127	1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:05/08/2011	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 (JP) Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMAGUCHI, KANTA
(87) 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 rotating electrical machine (1) comprises a rotor (3), a stator (2), and a wire connecting substrate (100) configured to connect end portions (7a) of windings (7) of the stator (2) using a predetermined connection pattern, characterized in that the wire connecting substrate (100) comprises a plurality of circular-shaped or circular-arc shaped conductive members (110) that are concentrically arranged and connected to the end portions (7a) of the windings (7) respectively, and a circular-shaped insulating member (120) configured to cover at least a portion of a surface of the conductive members (110), and wherein each of the conductive members (110) comprises a through portion (113) through which the end portion (7a) of the windings (7) is inserted along an axial direction of a rotating shaft (10).

No. of Pages : 29 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:201110041940.1	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:China	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TRIMMER, ANDREW LEE
(87) International Publication No	:NA	2)LUO, YUANFENG
(61) Patent of Addition to Application Number	:NA	3)WEI, BIN
Filing Date	:NA	4)CINTULA, MARK JAMES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTROEROSION MACHINING SYSTEMS AND METHODS

(57) Abstract :

An electroerosion machining system comprises one or more electrodes configured to machine a workpiece, a power supply configured to energize the workpiece and the respective one or more electrodes, an electrolyte supply configured to pass an electrolyte, and a working apparatus configured to move the respective one or more electrodes relative to the workpiece. The electroerosion machining system further comprises a controller configured to control the working apparatus to machine the workpiece, and a removal agent configured to cooperate with the electrolyte from the electrolyte supply for removal of removed material from the workpiece. An electroerosion machining method is also presented.

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

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PROTECTING SENSOR DATA FROM MANIPULATION, AND SENSOR TO THIS END

 (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 	:H04L 9/12 :10 2009 045 133.1 :29/09/2009 :Germany :PCT/EP2010/063168 :08/09/2010 :WO 2011/039037 :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor : 1)NEWSOME, JAMES 2)SZER WINSKI, ROBERT 3)HAYEK, JAN
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(57) Abstract :

A method is described for protecting sensor data of a sensor from manipulation. As a part of an authentication of the sensor, a onetime-use number is sent from a control unit to the sensor. The one-time-use number from the sensor is used to generate a cryptographic authentication message. Further, at least one first part of the cryptographic authentication message is sent from the sensor to the control unit. The sensor data is provided with a cryptographic integrity protection, where time varying parameters are added to the sensor data. The sensor data of the sensor having the cryptographic integrity protection and the added time varying parameters are sent from the sensor to the control unit. According to the present subject matter, at least one second part of the cryptographic authentication message is utilized for calculating the time variable parameters and at least one third part of the cryptographic authentication message is utilized for the calculating the cryptographic integrity protection.

No. of Pages : 40 No. of Claims : 15

(22) Date of filing of Application :22/02/2012

(21) Application No.506/DEL/2012 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : HEATER FOR A METERING SYSTEM			
(51) International classification	:H01R	(71)Name of Applicant :	
(31) Priority Document No	:102011007184.9	1)ROBERT BOSCH GMBH	
(32) Priority Date	:12/04/2011	Address of Applicant : POSTFACH 30 02 20, 70442	
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)PAHIC, ELVIS	
(87) International Publication No	:NA	2)HAMZIC, MIRZA	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present subject matter relates to a heater (18) for a metering system for a flowing medium, particularly a urea water solution. According to the present subject matter, the heater (18) comprises a heating element (210, 220), wherein the heating element (210, 220) provides a predetermined heating via a predetermined voltage range of the supply voltage and a predetermined temperature range of the flowing medium.

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

(19) INDIA

(22) Date of filing of Application :16/02/2012

(54) Title of the invention : A NATURAL EXTRACT BASED MUCOADHESIVE MICROSPHERE FOR THE TRANSMUCOSAL DELIVERY OF A DRUG

(51) International classification :A61 (31) Priority Document No.	(71)Name of Applicant :
(32) Priority Date :NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country :NA	PHARMACEUTICAL TECHNOLOGY, MEERUT INSTITUTE
(86) International Application No :NA	OF ENGINEERING AND TECHNOLOGY, NH-58, BAGHPAT
Filing Date :NA	CROSSING PARTAPUR BYEPASS ROAD, MEERUT, 250005,
(87) International Publication No :NA	INDIA Uttar Pradesh India
(61) Patent of Addition to Application Number :NA	2)KULKARNI, GIRIRAJ. T.;
Filing Date :NA	(72)Name of Inventor :
(62) Divisional to Application Number :NA	1)SHARMA, NITIN
Filing Date :NA	2)KULKARNI, GIRIRAJ T.;

(57) Abstract :

The present invention relates to a natural extract based mucoadhesive microsphere formulation for the transmucosal route of delivery of the drug. Particularly, the invention provides Abelmoschus esculentus (okra) polysaccharide based mucoadhesive microsphere formulation comprising Rizatriptan benzoate drug for the nasal route of administration.

No. of Pages : 20 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS AND APPARATUS FOR USE IN COOLING AN INJECTOR TIP (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1) GENERAL ELECTRIC COMPANY :13/046921 :14/03/2011 (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, (33) Name of priority country NEW YORK 12345, U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)STEINHAUS, BENJAMIN CAMPBELL (87) International Publication No :NA 2) TALYA, SHASHISHEKARA SITHARAMARAO (61) Patent of Addition to Application Number :NA **3)KESSLER, DANIEL AARON** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A feed injector tip (312) for use with a gasification system (200) is provided. The feed injector tip includes an inlet (402), a tip end (404), a flow passage (400) extending longitudinally through the feed injector tip from the inlet to the tip end, the flow passage defined by an outer wall (408) and an inner wall (410), an annular cooling channel (330) substantially circumscribing the flow passage and extending from the inlet to the tip end, and a buffer region (418) separating the annular cooling channel from the flow passage, the buffer region having a first width at the inlet, the buffer region having a second width at the tip end, the first width is wider than the second width.

No. of Pages : 26 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B26B 21/22	(71)Name of Applicant :
(31) Priority Document No	:12/508,857	1)THE GILLETTE COMPANY
(32) Priority Date	:24/07/2009	Address of Applicant :WORLD SHAVING
(33) Name of priority country	:U.S.A.	HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT -3E,
(86) International Application No	:PCT/US2010/041954	ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
Filing Date	:14/07/2010	U.S.A
(87) International Publication No	:WO 2011/011237	(72)Name of Inventor :
(61) Patent of Addition to Application	·NA	1)MURGIDA, MATTHEW, FRANK
Number	·NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD OF FORMING A FUNCTIONAL RAZOR CARTRIDGE

(57) Abstract :

A molding process for forming a wet shaving razor (10) including the step of placing one or more of the blades (11) into a first mold cavity (200). A first generally rigid polymer is injected into the first mold cavity to form a housing (14) and to secure the blades. A second generally rigid polymer is injected into a second mold cavity (202) to form a handle (12) that is adjacent to and spaced apart from the housing of the first mold cavity. A generally flexible polymer is injected into a third mold cavity (204) to interconnect the housing and the handle, wherein the generally flexible polymer forms a gripping portion (22) on the handle and a resilient skin contacting element (20) between the housing and the handle.



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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G09D	(71)Name of Applicant :
(31) Priority Document No	:201110051408.8	1)O2 MICRO, INC.
(32) Priority Date	:25/02/2011	Address of Applicant :3118 PATRICK HENRY DRIVE
(33) Name of priority country	:China	SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)TAO ZHANG
(61) Patent of Addition to Application Number	:NA	2)WEI ZHANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BATTERY CHARGING MANAGEMENT

(57) Abstract :

A battery charging management apparatus includes an information obtaining unit and a controlling unit coupled to the information obtaining unit. The information obtaining unit obtains parameter information for temperature of a battery during a charging process performed by a charger for the battery. The controlling unit controls the charger to charge the battery based on the parameter information of the battery, so that operation of the charger conforms to a charging rule corresponding to the charging process. The controlling unit decreases a charging signal of the charger by a predetermined decrement if the temperature of the battery increases by a predefined increment.

No. of Pages : 49 No. of Claims : 20

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : FIXED RETAINING DISK

(51) International classification	:C12L	(71)Name of Applicant :
(31) Priority Document No	:102011004702.6	1)ROBERT BOSCH GMBH
(32) Priority Date	:25/02/2011	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BORES, JAVIER
(87) International Publication No	:NA	2)SIEMS, HANS-DIETER
(61) Patent of Addition to Application Number	:NA	3)BOTZENHARD, THOMAS
Filing Date	:NA	4)KASKE, STEPHAN
(62) Divisional to Application Number	:NA	5)KRAMER, CLAUS
Filing Date	:NA	6)EHRENWALL, UWE VON

(57) Abstract :

The present subject matter describes a method for fixing at least one retaining disk (210) to a torque transmitting unit (212) having a recess (214), wherein the at least one retaining disk (210) is pushed up to the recess (214) of the torque transmitting unit (212). The at least one retaining disk (210) is bent in the radial direction, wherein the at least one retaining disk (210) has a larger inner diameter (218) than an outer diameter (216, 238) of the torque transmitting unit (212). The at least one retaining disk (210) is fixed in the recess (214) of the torque transmitting unit. Further, a starter device (10) having the torque transmitting unit (210) fixed with the retaining disk (210) is proposed.

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

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL 9-ELONGASE FOR PRODUCTION OF POLYUNSATURATED FATTY ACID-ENRICHED OILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N 9/00 :12/505,293 :17/07/2009 :U.S.A. :PCT/US2010/041893 :14/07/2010	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :DEPT. 377/AP6P-1, 100 ABBOTT PARK ROAD, ABBOTT PARK, ILLINOIS 60064 UNITED STATES OF AMERICA (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/008803 :NA :NA :NA :NA	1)PEREIRA, SUZETTE 2)DAS, TAPAS 3)KRISHNAN, PADMAVATHY 4)MUKERJI, PRADIP

(57) Abstract :

The present disclosure relates to isolated polynucleotides encoding a delta 9-elongase, delta 9-elongases encoded by the isolated polynucleotides, expression vectors comprising the isolated polynucleotides, host cells comprising the expression vectors, and methods for producing delta 9-elongase and polynusaturated fatty acids.

No. of Pages : 120 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONNECTOR

:H01J	(71)Name of Applicant :
:2011-	1)SUMITOMO WIRING SYSTEMS, LTD.
041344	Address of Applicant :1-14, NISHISUEHIRO-CHO,
:28/02/2011	YOKKAICHI-CITY,MIE 510-8503,JAPAN
:Japan	(72)Name of Inventor :
:NA	1)YOSHIHIRO MIZUTANI
:NA	2)HIROMO KATO
:NA	3)SHINJI HIRANO
:NA	4)TAKAO HATA
:NA	
:NA	
:NA	
	:H01J :2011- 041344 :28/02/2011 :Japan :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

An object of the present invention is to reliably fulfill a function of preventing erroneous insertion of a terminal fitting. In a connector constructed such that stabilizers 30 come into contact with restricting surfaces 64 of a hole edge of a terminal accommodating hole 51 at a side opposite to a side where insertion paths 60 are provided, thereby preventing any further insertion of the female terminal 20, when a female terminal 20 is inserted in a posture vertically inverted from a proper posture, posture displacing portions 65 for displaying extending postures of the stabilizers 30 to increase engaging margins with the restricting surfaces 64 by being engaged with the stabilizers 30 of the female terminal 20 inserted in the inverted posture are provided on the restricting surfaces 64 of the terminal accommodating hole 51.

No. of Pages : 47 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L 12/56 :200910149464.8 :19/06/2009 :China :PCT/CN2010/071241 :23/03/2010	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R.CHINA (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : METHOD FOR FORWARDING DOWNLINK MESSAGES AND SERVING

(57) Abstract :

A method for forwarding downlink messages and a serving gateway, wherein said method comprises during a process that a UE hands over from a source eNB to a target eNB, after the source eNB sends a handover command message to the UE and before the UE is synchronized with a target cell, a source S-GW, after receiving a first packet of data forwarded by the source eNB via a first reverse transmission tunnel between the source eNB and the source S-GW, buffers received downlink messages from a PDN, forbids sending the downlink messages to the source eNB, and initiates a timer; and after a message end marker sent by the source eNB is received or the timer times out, the source S-GW forwards the buffered downlink messages to a target side via a second reverse transmission tunnel between the source S-GW and the target side. Fig. 2

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

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SLIDING COUNTERBALANCED C-ARM POSITIONING DEVICES AND METHODS FOR USING SUCH DEVICES

(51) International classification :C12	2L (71)Name of Applicant :
(31) Priority Document No :13/0	036946 1)GENERAL ELECTRIC COMPANY
(32) Priority Date :28/0	02/2011 Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country :U.S.	S.A. NEW YORK 12345, U.S.A.
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)SIMMONS, JOHN MATTHEW
(87) International Publication No :NA	A 2)BARKER, DAVID
(61) Patent of Addition to Application Number :NA	3)BRUENING, JAN
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Systems and methods for making and using sliding counterbalanced C-arm positioning devices are described. In such systems and methods, each C-arm positioning device includes a C-arm X-ray device, a linear bearing rail, a linear bearing block, and a counterbalance mechanism. Generally, the C-arm is connected to the linear bearing block, which, in turn, is slidably coupled to the bearing rail to allow the bearing block and C-arm to slide up and down on the rail. The counterbalance mechanism can apply a force to the bearing block to counterbalance the weight of the C-arm and the bearing block. Thus., the described C-arm positioning device can allow a user to easily raise or lower the C-arm with relatively little effort. While some implementations of the C-arm positioning device are mounted to a fixed support structure. Other implementations are also described.

No. of Pages : 32 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN IMPROVED PROCESS OF PURIFICATION OF SOLANUM TUBEROSUM (POTATO) ALKALINE PHOSPHATASE BY AQUEOUS TWO PHASE EXTRACTION

 (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 Elling Date 	:A01H :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA (72)Name of Inventor : 1)KIRTI RANI
Filing Date	:NA	

(57) Abstract :

The present invention relates to the extraction and purification of the alkaline from solarium tuberosum (Potato) with potassium phosphate buffer and its purification by aqueous two phase extraction by using 30.7 parts of potassium hydrogen phosphate and 5 parts of polyethylene glycol (PEG). This aqueous two phase extraction method purifies 72% of solarium tuberosum alkaline phosphatase. Thus, this improved method increases the % of purity of solatium tuberosum alkaline phosphatase which can be used for further industrial applications such as in food & pharmaceutical, clinical, textiles, detergent and chemical industries.

No. of Pages : 8 No. of Claims : 6

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:F04D 29/02	(71)Name of Applicant :
(31) Priority Document No	:102009028310.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:06/08/2009	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/059522	(72)Name of Inventor :
Filing Date	:05/07/2010	1)HEIN, BERND
(87) International Publication No	:WO 2011/015413	2)HEIER, CHRISTOPH
(61) Patent of Addition to Application	٠NA	
Number	.INA •NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : FLUID PUMP

(57) Abstract :

Described herein is a fluid pump (1), particularly a water pump (1), comprising a bearing pin (13), on which an impeller (11) with a plain bearing bush 12 is rotatably supported. The impeller (11) and the plain bearing bush (12) are made of an identical base material in one or more pieces. A further material is mixed into the base material of the plain bearing bush (12), improving the sliding properties of the plain bearing bush (12) on the bearing pin (13).



Fig. 1

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR PURIFICATION OF MBP OR MBP TAGGED PROTEINS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	INDIAN INSTITUTE OF TECHNOLOGY DELHI, HAUZ
(86) International Application No	:NA	KHAS, NEW DELHI 110016,
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)GUPTA, MUNISHWAR NATH
(61) Patent of Addition to Application Number	:NA	2)GAUTAM, SAURABH
Filing Date	:NA	3)DUBEY, PRIYANKA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for purifying a MBP or MBP tagged protein using alginate matrix is provided herein. The process and the composition are provided for increasing the binding affinity of a target protein and recovering a higher amount of the target protein. The present invention further provides alginate matrix for purification of the MBP or MBP tagged protein. The process for purifying a MBP or MBP tagged protein using alginate matrix as disclosed in the present invention results in recovery of more than 99% of the target protein.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

:A61M 5/168	(71)Name of Applicant :
:12/503,678	1)BECTON, DICKINSON AND COMPANY
:15/07/2009	Address of Applicant :1 BECTON DRIVE FRANKLIN
:U.S.A.	LAKES NEW JERSEY 07417-1880 UNITED STATES OF
:PCT/US2010/041660	AMERICA
:12/07/2010	(72)Name of Inventor :
:WO 2011/008670	1)DAVIS, BRYAN G.
·NA	2)MCKINNON, AUSTIN JASON
.INA •NA	
.INA	
:NA	
:NA	
	:A61M 5/168 :12/503,678 :15/07/2009 :U.S.A. :PCT/US2010/041660 :12/07/2010 :WO 2011/008670 :NA :NA :NA :NA

(54) Title of the invention : IV ADMINISTRATION SET WITH DRIP MONITORING CIRCUITRY

(57) Abstract :

A circuitry for counting drips and monitoring a rate of infusion is incorporated into an IV administration set. The circuitry includes a pair of leads that are positioned in the pathway of fluid droplets, such that each droplet simultaneously contacts both leads. As such, the leads act as a virtual switch that is closed by the presence of a droplet. This event is then displayed on a drip signaling device to aid a user in adjusting the infusion rate of the IV administration set.

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

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SAVING IN ENERGY USED BY INSULATION OR SEPARATION OF CONDITIONED FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G09D :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHARMA Dinesh Address of Applicant :D7 / 7481 Vasant Kunj New Delhi India (72)Name of Inventor : 1)SHARMA Dinesh
Filing Date (87) International Publication No	:NA • NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA :NA	

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods for insulation or separation of conditioned fluid surrounding a sedentary subject, wherein the system comprises, a) one or more inlet; b) one or more outlet; c) at least one insulating cover; and d) a detector-sensor unit; wherein the insulating cover partially or wholly forms a chamber-like enclosure and the inlet and the outlet provides openings into the insulating cover for a fluid to pass in or out of the chamber-like enclosure. The enclosed area thus formed is insulated by the insulating cover and minimizes exchange of heat from a chamber-like enclosure. The insulating cover may be extended or retracted at anytime. The detector-sensor unit detects or senses the level or pressure of any fluid within the chamber-like enclosure.

No. of Pages : 13 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:A61M 5/178	(71)Name of Applicant :
(31) Priority Document No	:0912073.4	1)OVAL MEDICAL TECHNOLOGIES LIMITED
(32) Priority Date	:10/07/2009	Address of Applicant : THE INNOVATION CENTRE, UNIT
(33) Name of priority country	:U.K.	23, CAMBRIDGE SCIENCE PARK, MILTON ROAD,
(86) International Application No	:PCT/GB2010/001244	CAMBRIDGE CAMBRIDGESHIRE CB4 0EY, UNITED
Filing Date	:23/06/2010	KINGDOM
(87) International Publication No	:WO 2011/004137	(72)Name of Inventor :
(61) Patent of Addition to Application	٠NA	1)YOUNG, MATTHEW
Number	·NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A PRE-FILLED SYRINGE INCLUDING AN OXYGEN ABSORBER

(57) Abstract :

The invention provides a syringe or autoinjector for dispensing a drug comprising a rigid syringe body containing the drug, an oxygen absorbing material, a separating element between the drug and oxygen absorbing material to prevent the drug from contacting the oxygen absorbing material but which allows oxygen to pass from the drug to the oxygen absorbing material, and an oxygen impermeable container enclosing both the drug and the oxygen absorbing material, wherein the oxygen impermeable container partially or fully forms the rigid syringe body or is held within the rigid syringe body.

No. of Pages : 29 No. of Claims : 26
(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONNECTOR AND METHOD OF PRODUCING IT :H01J (71)Name of Applicant : (51) International classification 1)SUMITOMO WIRING SYSTEMS, LTD. :2011-(31) Priority Document No Address of Applicant :1-14, NISHISUEHIRO-CHO, 041341 :28/02/2011 YOKKAICHI-CITY, MIE 510-8503, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)YOSHIHIRO MIZUTANI Filing Date :NA 2)TAKAO HATA (87) 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 concerns a connector 10 formed by removing a pair of front and rear shaping dies in forward and backward directions. The connector 10 includes a housing 20, a lock arm 40 provided displaceably relative to the outer surface of the housing 20 and adapted to hold a mating housing and the housing 20 in a connected state, pairs of front and rear curved surfaces 57F, 57R, coupling portions 51 connecting the lock arm 40 and the housing 20, front step portions 54F continuously extending forward from end edges 58F closer to the rear curved surfaces 57R out of end edges of the front curved surfaces 57F in a curving direction, rear step portions 54R continuously extending backward from end edges closer to the front curved surfaces 57F out of end edges of the rear curved surfaces 57R in a curving direction, and pairs of curved portions 59F, 59R facing forward and backward and provided at opposite end portions of the curved surfaces 57F, 57R in directions crossing the curving directions.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/02/2012

(71)Name of Applicant : :H03F 1)GAMESA INNOVATION & TECHNOLOGY, S.L. (51) International classification (31) Priority Document No Address of Applicant : AVENIDA CIUDAD DE LA :P201100204 (32) Priority Date :24/02/2011 INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA), (33) Name of priority country SPAIN. :Spain (86) International Application No :NA (72)Name of Inventor: Filing Date :NA 1)SANZ PASCUAL, ENEKO (87) International Publication No :NA 2)AROCENA DE LA RUA, ION (61) Patent of Addition to Application Number :NA **3)ISLA VALLES, VICTOR** Filing Date :NA 4)ARROZ COLLADO, SANDRA (62) Divisional to Application Number :NA 5)MAYOR MORENO, LUIS ALBERTO Filing Date 6)HERMOSILLA AZANZA, INAKI :NA 7) ROSENDE MORENO, ANDONI

(54) Title of the invention : AN IMPROVED WIND TURBINE MULTI-PANEL BLADE

(57) Abstract :

A wind turbine blade transversely divided in an inboard module (13) and an outboard module (33) provided on their end sections with connecting means, comprising, respectively, an inboard spar (15), an inboard upper shell (17) and an inboard lower shell (19); an outboard spar (35), an outboard upper shell (37) and an outboard lower shell (39); and arranged so that the aerodynamic profile of said inboard and outboard modules (13, 33) is defined by said upper and lower shells (17, 19; 37, 39), in which the inboard spar (15) is composed of two cap prefabricated panels (21, 23) and two web prefabricated panels (25, 27), and the outboard spar (35) is composed of first and second prefabricated panels (41, 43) integrating its caps (45, 47) and webs (49, 51). The invention also refers to a method of fabricating said wind turbine blade.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SEALING INSERT FOR A BALL VALVE, SEAT FOR BALL VALVE AND BALL VALVE :B23B (71)Name of Applicant : (51) International classification 1)TYCO VALVE AND CONTROLS ITALIA S.r.L. (31) Priority Document No :VI2011A000068 (32) Priority Date Address of Applicant : VIA PIACENZA, 29018 :29/03/2011 (33) Name of priority country LUGAGNANO VAL D'ARDA, PLACENZA, 29018, ITALY :Italy (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)BRUNO MANZETTI** (87) 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 describes a sealing insert for a ball valve, a seat for a ball valve including that sealing insert and a ball valve including that seat. The sealing insert has a multilayer structure in which layers of graphite alternate with metal sheets. The metal sheets can be, for example, sheets of steel. The insert described in this invention permits the optimization of the ball valve sealing insert, particularly under conditions of high temperature and in the presence of fluids that include solid particles in suspension.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR PREPARING ALKALI CELLULOSE AND CELLULOSE ETHER :C07C (71)Name of Applicant : (51) International classification 1)SHIN-ETSU CHEMICAL CO., LTD. :2011-(31) Priority Document No Address of Applicant :6-1, OTEMACHI 2-CHOME, 034468 :21/02/2011 CHIYODA-KU, TOKYO, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)NARITA, MITSUO Filing Date :NA (87) 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 :

Provided is a method for efficiently preparing alkali cellulose having a uniform alkali distribution. More specifically, provided are a method for preparing alkali cellulose comprising a contact filtration step of bringing a pulp into contact with an alkali metal hydroxide solution on a moving filtration plane for vacuum filtration to collect a contact product remaining on the filtration plane, and a draining step of draining the contact product; and a method of preparing cellulose ether by using the alkali cellulose. Also provided is an apparatus for preparing alkali cellulose comprising a continuous horizontal vacuum filter type contactor comprising a horizontal filtration plane moving in a horizontal direction, a pulp inlet for introducing pulp onto the moving filtration plane, a spray port for spraying an alkali metal hydroxide solution to the introduced pulp, a vacuum pump enabling vacuum suction of the moving filtration plane, and an outlet for collecting a contact product remaining on the filtration plane after bringing the pulp into contact with the alkali metal hydroxide solution on the moving filtration plane for vacuum filtration plane after bringing the pulp into contact with the alkali metal hydroxide solution on the moving filtration plane for vacuum filtration.

No. of Pages : 29 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:G06F 15/16	(71)Name of Applicant :
(31) Priority Document No	:61/271,084	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:17/07/2009	Address of Applicant :101 COLUMBIA ROAD,
(33) Name of priority country	:U.S.A.	MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF
(86) International Application No	:PCT/US2010/041852	AMERICA
Filing Date	:13/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/008775	1)EDWARD LEE KOCH
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SYSTEM FOR PROVIDING DEMAND RESPONSE SEVICES

(57) Abstract :

A system for providing demand response services relative to a resource. Demand response information may be conveyed by a provider of the resource to demand-response logic. The logic may translate the demand response information into one of a pre-defined finite amount or number of demand response levels. These levels may be translated to device states, and in turn the device states may be translated to device commands. The translations may be based on rules designed to effect a resource usage scenario. The rules may be easily changed. The commands may be provided to devices at one or more facilities. The devices may control loads, which consume the resource, in accordance with the device commands. The devices may also provide information, such as conditions and resource consumption, relative to the facilities to the provider of the resource. The commands and information may be conveyed via local and wide communication networks.

No. of Pages : 28 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H03F	(71)Name of Applicant :
(31) Priority Document No	:61/444,913	1)HONEYWELL INTERNATIONAL INC.,
(32) Priority Date	:21/02/2011	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED
(86) International Application No	:NA	STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CHRISTOPHER N. BOONE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GAS DETECTOR CONTROL SYSTEM AND METHOD

(57) Abstract :

A gas detector management system includes a plurality of docking stations distributed in a region being monitored. One or more gas detectors in the region, which have been exposed to various gas concentrations, and which include respective stored maximum concentrations can be coupled to respective docking stations. Information including the maximum stored concentrations can be downloaded to the stations. Alert messages can be automatically generated and transmitted to displaced safety officer for follow-up.

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

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B24D	(71)Name of Applicant :
(31) Priority Document No	:102011006363.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:29/03/2011	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BORT, THOMAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(57) Abstract :

Described herein is a method for operating an internal combustion engine (10), with which at least one undesired exhaust gas component is reduced, the method comprising determining a comparison value of an air ratio (80) and comparing the comparison value of the air ratio (80) with an actual air ratio (84); and/or determining a comparison value of an oxygen component (110) in a suction pipe (24) and comparing the comparison value of the oxygen component (110) with an actual oxygen component (114) in the suction pipe (24); and determining at least one correction variable (90a, 90b), which is dependent on a result of the comparison for correcting at least one variable working on the actual air ratio (84) and/or the actual oxygen component (114) in the suction pipe (24).

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROJECTION DISPLAY DEVICE, PORTABLE ELECTRONIC APPARATUS AND DIGITAL CAMERA

 (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 	:G09F :2011- 032292 :17/02/2011 :Japan :NA :NA :NA	 (71)Name of Applicant : 1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME CHIYODA-KU TOKYO 100-8331 JAPAN (72)Name of Inventor : 1)NAMIKAWA, AIKO
(87) International Publication No	:NA :NA	
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A projection display device includes: a light source unit including light sources emitting light in a plurality of colors, condenser lenses and a color combining optical element; a total reflection prism that totally reflects a combined light flux from the color combining optical element so as to be guided to an image forming unit; and a projection lens. At least one of; an entry surface of the color combining optical element through which substantially parallel light fluxes from the condenser lenses enter, an exit surface of the color combining optical element through which the combined light flux exists, and an entry surface of the total reflection prism through which the combined light flux enters, is formed as a free curved surface where a shape of a section of the combined light flux is altered so as to be matched with a shape of an outline of the display area.

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

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR PRODUCING ALKALI CELLULOSE AND CELLULOSE ETHER :C07C (71)Name of Applicant : (51) International classification 1)SHIN-ETSU CHEMICAL CO. LTD. :2011-(31) Priority Document No Address of Applicant :6-1 Otemachi 2-chome Chivoda-ku 034470 (32) Priority Date :21/02/2011 Tokyo Japan (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA **1)NARITA Mitsuo** Filing Date :NA (87) 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 a combination of pulps having different alkali metal hydroxide solution absorption rates is as a raw material contact conditions such as a contact temperature and a contact time have to be changed frequently depending on the absorption rate of pulps currently processed thereby causing a problem of reduced productivity. For solving the problem provided is a method for producing alkali cellulose comprising at least the steps of: bringing two or more types of pulps having different alkali metal hydroxide solution absorption rates into contact with an alkali metal hydroxide solution to obtain a contact product; and draining the contact product wherein the highest absorption rate is not more than 4.0 times as fast as the lowest absorption rate.

No. of Pages : 24 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITION FOR OIL-AND/OR WATER-REPELLENT FINISHING OF FIBER MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (86) International Application No Filing Date (37) International Publication No (87) International Publication No (92) 2010 (93) Name of Publication Number (94) Publication Number (94) Publication Number (94) Publication Number (95) Publication Number (94) Publication Number (95) Publication Number (95) Publication Number (96) Publication Number (96) Publication Number (97) Publication Number (98) Publication Number<	 (71)Name of Applicant : HUNTSMAN TEXTILE EFFECTS (GERMANY) GMBH Address of Applicant :REHLINGER STRASSE 1, 86462 LANGWEID A. LECH, GERMANY (72)Name of Inventor : ANDREAS FUCHS ISABELLA RETTENBACHER ROLF MOORS WALTER NASSL JURGEN ARNOLD
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(57) Abstract :

Described are 8 aqueous compositions useful for treating textile materials to impart oil- and/or water-repellent properties thereto. The compositions contain inter alia polymers containing perfluoroalkyl groups (RF groups), wherein 55 to 100% of the RF groups contain 6 carbon atoms.

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMPOSITION COMPRISING A RETINOID AND BENZOYL PEROXIDE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	I)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAYANTI KATHIRIYA
(87) International Publication No	:NA	2)BINU SEBASTIAN
(61) Patent of Addition to Application Number	:NA	3)MUKESH GARG
Filing Date	:NA	4)AJAY KUMAR SINGLA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a stable topical aqueous composition of adapalene in combination with benzoyl peroxide comprising one or more gelling agent, wherein at least one of the gelling agent is a carbomer. It also relates to processes for preparing such composition.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTI PLATE BOARD EMBEDDED CAPACITOR AND METHOD FOR FABRICATING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G09D :13/040,841 :04/03/2011	(71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A
 (85) Name of priority country (86) International Application No Filing Date 	:NA :NA	(72)Name of Inventor : 1)ABAWI, DANIEL Z.
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A printed wiring board (PWB) (105) defining a substantially planar area (110) is provided. The PWB includes a plurality of first conductive plates (115) oriented substantially parallel to the planar area and extending from a first normal axis (125) towards a second normal axis (130), wherein the first and second normal axes are oriented substantially perpendicular to the planar area, a second conductive plate (120) oriented substantially parallel to the planar area and extending from the second normal axis towards the first normal axis, wherein the second conductive plate extends between an adjacent pair of the first conductive plates, a non-conductive material (135) extending between the second conductive plate and the first conductive plates, and a plurality of first conductive vias (140) aligned substantially collinear with the first normal axis and in contact with at least one of the first conductive plates.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(54) Title of the invention : ZOOM LENS, OPTICAL APPARATUS AND METHOD FOR MANUFACTURING ZOOM LENS :G01B (71)Name of Applicant : (51) International classification 1)NIKON CORPORATION :2011-(31) Priority Document No Address of Applicant :12-1, YURAKUCHO 1-CHOME 038968 :24/02/2011 CHIYODA-KU, TOKYO 100-8331 JAPAN (32) Priority Date (72)Name of Inventor: (33) Name of priority country :Japan (86) International Application No :NA 1)KIMURA, YOKO Filing Date :NA (87) 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 zoom lens consisting of, in order from an object side: a first lens group Gl having negative refractive power; and a second lens group G2 having positive refractive power, the first lens group Gl including, in order from the object side, a first negative meniscus lens having a convex surface facing the object side, a negative lens, a second negative meniscus lens having a convex surface facing the object side, a negative lens, a second negative meniscus lens having a convex surface facing the object side, and a positive lens, a distance between the first lens group Gl and the second lens group G2 being varied thereby carrying out zooming, and given conditional expressions being satisfied, thereby providing a zoom lens having excellent optical performance and high resolution with being compact and lightweight, an optical apparatus, and a method for manufacturing the zoom lens.

No. of Pages : 95 No. of Claims : 22

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification	:H02M 7/12	(71)Name of Applicant :
(31) Priority Document No	:2009-169687	1)HITACHI, LTD.
(32) Priority Date	:21/07/2009	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO JAPAN.
(86) International Application No	:PCT/JP2010/061814	(72)Name of Inventor :
Filing Date	:13/07/2010	1)INOUE SHIGENORI
(87) International Publication No	:WO 2011/010575	2)KATOH SHUJI
(61) Patent of Addition to Application	٠NIA	3)KATO TETSUYA
Number	.INA ·NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a power conversion device, wherein among the optical fiber cables used in control/communication, at least the majority of high-voltage optical fiber cables with a dielectric strength against the output voltages of a plurality of cells can be eliminated and thus a low-voltage optical fiber cable with a dielectric strength against the output voltage of one cell can be used. Furthermore, here, the length required for the optical fiber cable can be reduced. A controller of the power conversion device comprising a plurality of cascade-connected cells comprises a central controller, and a cell controller with the same potential as each cell, the cell controller being installed in the vicinity of each cell, wherein the central controller and each cell controller are daisy-chained using an optical fiber cable.

No. of Pages : 43 No. of Claims : 13

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TURBOMACHINE.

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)ATLAS COPCO ENERGAS GMBH
	001 530.2	Address of Applicant :SCHLEHENWEG 15, 50999 KOLN,
(32) Priority Date	:24/03/2011	GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)FRANK WIEBE
Filing Date	:NA	
(87) 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 turbomachine having at least one first and one second impeller wheel (1, 2) whose back faces (3a, 3b) confront each other, a rotor shaft (4) carrying the radial impeller wheels (1, 2) and a bearing system, wherein adjacent each of the radial-blade impeller wheels (1, 2) is an axial bearing (5a, 5b) each with one respective rotor bearing half (6a, 6b) and one respective stator bearing half (7a, 7b), and wherein the rotor bearing halves (6a, 6b) are each formed on the back face (3a, 3b) of the respective radial impeller wheel (1, 2), wherein the first radial impeller wheel (1) is permanently mounted and the second radial impeller wheel (2) is detachably mounted on the rotor shaft (4) and the rotor shaft (4) is of increasingly smaller cross-sectional size from the first radial impeller wheel (2), or has a constant diameter.

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

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SOLAR BATTERY CELL AND METHOD OF MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G11B :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PVG SOLUTIONS INC. Address of Applicant :3-6-12, SHINYOKOHAMA, KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA, 222-0033 JAPAN (72)Name of Inventor :
(87) International Publication No	:NA	1)YASUYUKI KANO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KOICHI SUGIBUCHI 3)SHINJI GODA
(62) Divisional to Application Number Filing Date	:NA :NA	4)NAOKI ISHIKAWA

(57) Abstract :

[Problem] To provide a large solar battery cell capable of realizing sufficient conversion efficiency and a method of manufacturing the same. [Solution] There is provided a solar battery cell including: a p-type diffusion layer and an n-type diffusion layer formed on one surface and another surface of a silicon single crystal substrate; one electrode or more formed on part of the p-type diffusion layer; and one electrode or more formed on part of the n-type diffusion layer, wherein: a plurality of high-concentration p-type diffusion regions and low-concentration p-type diffusion regions each located between the high-concentration n-type diffusion regions are formed in the n-type diffusion layer.

No. of Pages : 42 No. of Claims : 23

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CATHETER APPARATUS		
 (51) International classification (31) Priority Document No (32) Priority Date 	:B07B :NA :NA	(71)Name of Applicant : 1)POLY MEDICURE LIMITED Address of Applicant :PLOT NO. 105, SECTOR 59, HSIIDC
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA	INDUSTRIAL AREA, FARIDABAD, HARYANA - 121 004, INDIA, (72)Name of Inventor : 1)BAID, RISHI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Intravenous catheter apparatus, comprising: a needle having a needle shaft, a needle tip at the distal end of the needle shaft and a needle hub mounted to the proximal end of the needle shaft, an intravenous catheter tube mounted to a catheter hub and a needle guard movable on the needle shaft, wherein the needle guard comprises: a base portion having a needle passage extending in an axial direction from a proximal side of the base portion through the base portion to a distal side of the base portion, first and second arms extending substantially in the axial direction from the distal side of the base portion and a distal wall which is transversely arranged at a distal region of the first arm, wherein a recess provided in the needle guard receives a stopping element for stopping movement of the needle shaft relative to the needle guard.

No. of Pages : 24 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHASE ADJUSTING DEVICE AND CAMERA		
(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:2011- 037324	1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME
(32) Priority Date	:23/02/2011	CHIYODA-KU, TOKYO 100-8331 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)ITO DAIKI
Filing Date	:NA	
(87) 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 determining unit of a phase adjusting device determines whether or not a data stream to be detected included in serial transfer data can be detected in each output (first output to fourth output) of a first data obtaining unit and a second data obtaining unit. A phase adjusting unit adjusts a delay amount given to the serial transfer data to be output based on a determination result of the determining unit.

No. of Pages : 31 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CAMERA ACCESSORY, CAMERA BODY AND CAMERA SYSTEM (51) International classification :G01B (71)Name of Applicant : 1)NIKON CORPORATION :2011-(31) Priority Document No Address of Applicant :12-1, YURAKUCHO 1-CHOME 039430 :25/02/2011 CHIYODA-KU, TOKYO 100-8331 JAPAN (32) Priority Date (72)Name of Inventor: (33) Name of priority country :Japan (86) International Application No :NA 1)IMAFUJI. KAZUHARU Filing Date :NA 2)OIKAWA, MASAFUMI (87) 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 camera accessory is detachably mounted at a camera body that includes a first body contact point, a second body contact point, a third body contact point and a fifth body contact point and detects disengagement of the camera accessory when the fifth body contact point sustains a signal level corresponding to a first truth value continuously over a length of time equal to or greater than a predetermined time length. In the camera accessory, the accessory-side communication control device executes control so as to ensure mat the signal assuming a level corresponding to the first truth value is not continuously output from the fifth accessory contact point any longer than the predetermined time length while the operating voltage supply from the camera body is provided via the first accessory contact point

No. of Pages : 49 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (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 	:F02B37/12,F02B39/00,F02D23/00 :10 2012 008 464.1 :27/04/2012 :Germany :PCT/US2013/037276 :19/04/2013 :WO 2013/163011 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)HEIDINGSFELDER Leif 2)KANOFFSKY Nico
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract :

The present invention relates to an exhaust gas turbocharger (1) having a turbine (2) which is provided with a variable turbine geometry and/or with a wastegate; and having an actuator (6) which is connected to the variable turbine geometry and/or to the wastegate by means of a coupling rod (9) composed of plastic wherein the coupling rod (9) is connected at its end regions by means of a first eyelet (8) at one side to a pin (7) of the actuator (6) and by means of a second eyelet (12) at the other side to a pin (11) of an adjusting lever (10) of the variable turbine geometry and/or of the wastegate wherein the eyelets (8 12) of the coupling rod (9) are provided with in each case one metal sleeve (13 and 14 respectively).

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

(22) Date of filing of Application :15/07/2014

(54) Title of the invention : COUPLING ROD

(43) Publication Date : 05/06/2015

(51) International classification	:F16D1/06,F16D1/076	(71)Name of Applicant :
(31) Priority Document No	:10 2012 008 587.7	1)BORGWARNER INC.
(32) Priority Date	:27/04/2012	Address of Applicant :Patent Department 3850 Hamlin Road
(33) Name of priority country	:Germany	Auburn Hills Michigan 48326 U.S.A.
(86) International Application No	:PCT/US2013/037282	(72)Name of Inventor :
Filing Date	:19/04/2013	1)HEIDINGSFELDER Leif
(87) International Publication No	:WO 2013/163013	2)KANOFFSKY Nico
(61) Patent of Addition to Application	·NA	3)CHRISTMANN Ralf
Number	·NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a coupling rod (1) having a first end piece (2); having a second end piece (3); and having an intermediate piece (4) which connects the first end piece (2) and the second end piece (3) wherein the intermediate piece (4) is formed as a connecting rod and wherein the first end piece (2) and the second end piece (3) have in each case one sleeve (5 and 6 respectively) which sleeves are pushed onto the connecting rod (4) and are fixed in an adjustable final assembly position on the connecting rod (4).

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

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SIMPLIFIED CHECKING BENCH FOR TELESCOPES AND AUTO-CHECKABLE TELESCOPES (51) International classification :G01B (71)Name of Applicant : (31) Priority Document No :11 00549 **1)THALES** (32) Priority Date :24/02/2011 Address of Applicant :45 RUE DE VILLIERS, 92200 (33) Name of priority country NEUILLY-SUR-SEINE, FRANCE :France (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)GUILLAUME PERRIN** (87) International Publication No :NA 2)ARNAUD LIOTARD **3)HERVE BENARD** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The general field of the invention is that of the optical checking of optical instruments of telescope type. The instrument (100) comprises an optical objective (110), a photo-detection housing (120) arranged at the focus of said optical objective and at least one light source (121) arranged in the vicinity of said photo-detection housing, the optical pupil of the optical objective having a first diameter. The checking means essentially comprise a plane mirror (130) having a second diameter that is smaller than the first diameter and means making it possible to arrange this plane mirror in such a way that the image of the light source given by the optical objective and reflected by said plane mirror is focused on the photo-detection housing, means for analyzing said image received making it possible to determine the optical quality of the telescope. The plane mirror may be associated with an autonomous checking bench. It may also form part of the telescope and be incorporated into the protection hood (140) for the optic.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ANTI LRP5 ANTIBODIES AND METHODS OF USE

(57) Abstract :

The invention provides anti LRP5 antibodies and methods of making and using the same.

No. of Pages : 104 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : RUBBER COMPOSITION FOR CONVEYOR BELTS RUBBER FOR CONVEYOR BELT COVERS AND CONVEYOR BELT

 (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 	:C08L9/06,B65G15/32,C08K3/04 :2012005318 :13/01/2012 :Japan :PCT/JP2013/050448 :11/01/2013 :WO 2013/105655 :NA :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor : 1)FURUHATA Yosuke
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(57) Abstract :

Provided are: a rubber composition for conveyor belts which has achieved a good balance between cutting resistance and workability during the production without lowering wear resistance; a rubber for conveyor belt covers which is obtained using the rubber composition; and a conveyor belt which is obtained using the rubber composition. Specifically provided are: a rubber composition for conveyor belts which contains at a specific ratio (A) a rubber component that contains at a specific ratio a styrene butadiene rubber mixture which contains one or more styrene butadiene rubbers having a styrene content of 20 25% by mass and one or more styrene butadiene rubbers having a styrene content of more than 25% by mass but 50% by mass or less and has an average styrene content of 28 35% by mass and at least one rubber that is selected from among butadiene rubbers and natural rubbers (B) silica (C) a resin and (D) a specific carbon black; a rubber for conveyor belt covers which is obtained using this rubber composition; and a conveyor belt cover which is obtained using this rubber composition.

No. of Pages : 24 No. of Claims : 4

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : REGULATING ROD

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:F02B37/00,F02B37/12,F02B39/00 :102012008589.3 :27/04/2012	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/037347 :19/04/2013	1)BURKHARD Dirk 2)HEIDINGSFELDER Leif
(87) International Publication No	:WO 2013/163030	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a regulating rod (1) having a rod part (2) which has an end region (3) provided with an external thread; and having an end piece (4) which has a receiving recess (5) and which has a setting piece (6) which is arranged and guided in the receiving recess (5) and which has an internal thread into which the external thread of the end region (3) is screwed in order to set the effective length of the rod part (2) wherein the end piece (4) has a fastening portion (7) for the cohesive fixing of the set effective length of the rod part (2).

No. of Pages : 8 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (51) International classification (31) Priority Document No (10 2012 008 588.5 (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application (36) International Application (37) International Publication (37) International to Application (37) International to Application (37) International to Application (38) NA (39) NA (30) NA (31) Publication (31) PCT/US2013/037328 (32) PCT/US2013/037328 (37) International Publication (37) International Publication (38) NA (39) NA (31) PCT/US2013/037328 (37) International Publication (31) PCT/US2013/163024 (32) PCT/US2013/163024 (31) PCT/US2013/163024 (32) PCT/US2013/163024 (31) PCT/US2013/163024 (32) PCT/US2013/163024 (32) PCT/US2013/163024 (31) PCT/US2013/163024 (32) PCT/US2013/163024 (32) PCT/US2013/163024 	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)RAMB Thomas 2)METZ Dietmar 3)HAIBT Christian 4)NOHL Julia
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(57) Abstract :

The invention relates to an exhaust gas turbocharger (1) having a turbine (2) which has a turbine wheel (3) surrounded by an intake duct (4) and having a VTG cartridge (5) which has a disk (6) and a vane bearing ring (7) which delimit the intake duct (4) and which has a plurality of vanes (8) which are arranged in the intake duct (4) and are mounted in the vane bearing ring (7) by way of rotatable vane shafts (9) which are connected to vane levers (10) the lever heads (11) of which engage into associated grooves (12) in a unison ring (13) which surrounds the vane bearing ring (7) on the outside and which has an adjusting lever (14) which is operatively connected to an adjusting shaft (15) in order to transmit an adjusting torque to the unison ring (13) wherein the adjusting lever (14) is of planar configuration.

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

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification :A61K 35/74 (71)Name of Applicant : (31) Priority Document No 1)VIB VZW :61/229,062 (32) Priority Date :28/07/2009 Address of Applicant : RIJVISSCHESTRAAT 120, B-9052 (33) Name of priority country GENT. BELGIUM. :U.S.A. (86) International Application No :PCT/EP2010/060986 2)UNIVERSITEIT GENT Filing Date :28/07/2010 **3)WETENSCHAPPELIJK INSTITUUT** (87) International Publication No :WO 2011/012662 VOLKSGEZONDHEID (61) Patent of Addition to Application (72)Name of Inventor: :NA Number 1)CALLEWAERT, NICO :NA Filing Date 2)BATNI, ANJANA (62) Divisional to Application Number :NA **3)FESTJENS, NELE** Filing Date 4)HUYGEN, CHRISTIANE :NA

(54) Title of the invention : MYCOBACTERIUM MUTANTS FOR VACCINES WITH IMPROVED PROTECTIVE EFFICACY

(57) Abstract :

Tuberculosis (TB) is a major health problem and currently, the only licensed TB vaccine is Mycobacterium bovis Bacille Calmette-Guerin (M. bovis BCG). In the present invention, mutation of mycobacterial components reportedly involved in phagosome maturation inhibition was evaluated for vaccine purposes, as such mutations should result in better vaccine antigen processing and presentation. Thus, BCG mutants in genes coding for ManLAM capping a-l,2-mannosyltransferases and the PI3P phosphatase SapM were evaluated as TB vaccines in a stringent mouse model. Vaccination with both ManLAM capping mutants and the SapM mutant resulted in significantly longer survival as compared to non-vaccinated mice, whereas vaccination with the parental BCG did not. Moreover, mice vaccinated with the SapM mutant survived significantly longer than mice vaccinated with the parental BCG. The mutant BCG strains showed unaltered phagocytosis, replication, lysosome colocalization and oxidant activity in macrophages and similarly induced autophagy in the latter. Additionally, replication and granuloma formation in mice was unaffected, indicating BCGequivalent safety of these vaccines

No. of Pages : 99 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ABRADING BALLOON CATHETER FOR EXTRAVASATED DRUG DELIVERY			
(51) International classification	:B27D	(71)Name of Applicant :	
(31) Priority Document No	:13/037,826	1)SANOVAS INC.	
(32) Priority Date	:01/03/2011	Address of Applicant :85 LIBERTY SHIP WAY, SUITE 110 -	
(33) Name of priority country	:U.S.A.	B SUASALITO, CA 94965 UNITED STATES OF AMERICA	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)LAWRENCE J. GERRANS	
(87) International Publication No	:NA	2)ERHAN H. GUNDAY	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A method of extravasated drug delivery is disclosed, including inserting a catheter with a first balloon, a second balloon, and a third balloon positioned between the first and second balloons and having a wall with an abrasive outer surface, into a bodily cavity, inflating the first and second balloons to create a chamber therebetween, stimulating a flow of blood cells by inflating the third balloon until the abrasive outer surface abrades tissue, and delivering the agent to the chamber. A balloon catheter system is also provided including a balloon having a wall with an abrasive outer surface for abrading tissue, a catheter having a first lumen for supplying fluid to the balloon to inflate the balloon such that the abrasive surface stimulates a flow of blood cells, and a second lumen for supplying an agent to tissue.

No. of Pages : 59 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : REFORMED COAL PRODUCTION EQUIPMENT AND METHOD FOR CONTROLLING SAME

(51) International allocation	C101 0/08 C10D 47/20 C10D 57/10	(71) Name of Applicant.
(31) International classification	-2012029519	(71)Name of Applicant :
(31) Priority Document No	:2012038518	I)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:24/02/2012	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application	- DCT /ID2012/054252	(72)Name of Inventor :
No	:PC1/JP2015/054252	1)NAKAGAWA Keiichi
Filing Date	:21/02/2013	2)OMOTO Setsuo
(87) International Publication	WO 2012/125600	3)SATO Fumiaki
No	.w0 2013/123009	4)SATOU Jun
(61) Patent of Addition to	•NI 4	
Application Number	.INA	
Filing Date	:NA	
(62) Divisional to Application		
(02) Divisional to Application	:NA	
Number	·NA	
Filing Date	.11/1	

(57) Abstract :

The purpose of the present invention is to provide reformed coal production equipment whereby it is possible to efficiently remove tar without lowering the production amount of reformed coal even when the equipment is stopped. Reformed coal production equipment provided with: a combustion furnace (124) for generating heated gas; a dry distillation gas supply pipe (101) for supplying dry distillation gas (14) that was generated at the inner cylinder (122) of a dry distillation device (121) to the combustion furnace; a vapor generator (125) to which a portion of the heated gas (11) generated at the combustion furnace is supplied and which generates waste heat gas (13) by subjecting the heated gas to heat exchange; and a discharge pipe (52) a waste heat gas delivery pipe (53) a mixed gas delivery pipe (55) a blower (126) a mixed gas supply pipe (56) a mixed gas branching pipe (102) a flow rate adjustment valve (103) and a mixed gas allocation pipe (105) which supply and allocate to the aforementioned inner cylinder the waste heat gas and low temperature heated gas (12) generated by indirectly heating dried coal (2) by means of the heated gas within the outer cylinder (123) of the dry distillation device.

No. of Pages : 35 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SERVER CLUSTER APPLICATION VIRTUALIZATION

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Address of Applicant (36) International Application No (37) International Publication Number (37) NA (37) International Publication Number (38) NA (38) International Publication Number (39) NA (39) International Publication Number (30) NA (31) NGO Thanh Q. (31) NGO Thanh Q. (32) International Publication Number (31) NA (32) International Publication Number (31) NA	:320 E Vine Dr Suite 321 Fort Collins
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(57) Abstract :

Application instances can be virtualized and operate in a fault tolerant and load balanced means across a cluster of servers while still maintaining access to a common pool of data. Each application instance is instantiated so to operate on top on top of a virtual host that possesses a distinct virtual Internet protocol address. Each node within a server cluster environment can possess one or more virtual hosts wherein upon server failover the virtual host and its associated virtual Internet protocol address can be relocated to another server without disturbing the instantiation of the application on the virtual host.

No. of Pages : 44 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXPANDABLE OCCLUSION DEVICES AND METHODS OF USE

(51) International classification	n:A61B17/12,A61B19/00,A61F2/06	(71)Name of Applicant :
(31) Priority Document No	:61/583993	1)INCEPTUS MEDICAL LLC
(32) Priority Date	:06/01/2012	Address of Applicant :8 Argonaut Suite 100 Aliso Viejo CA
(33) Name of priority country	:U.S.A.	92656 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/020381 :04/01/2013	(72)Name of Inventor :1)LUBOCK Paul2)COX Brian J.
(87) International Publication No	:WO 2013/103888	3)ROSENBLUTH Robert 4)ROSENBLUTH Michael J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)QUICK Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Devices and methods for occluding the left atrial appendage are disclosed herein. An occlusion device can include an expandable lattice structure having a proximal portion configured to be positioned at or near the ostium of the LAA a distal portion configured to extend into an interior portion of the LAA and a contact portion between the proximal and distal portions. In several embodiments the expandable lattice structure includes an occlusive braid configured to contact and seal with tissue of the LAA and a structural braid enveloped by the occlusive braid. The structural braid can be coupled to the occlusive braid at a proximal hub located at the proximal portion of the lattice structure. The structural braid is configured to drive the occlusive braid radially outward. The occlusive braid can have an atrial face at the proximal portion facing the left atrium LA and the atrial face can have a low profile contour that mitigates thrombus formation at the atrial face.

No. of Pages : 57 No. of Claims : 60

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(51) International classification	·A61B10/02	(71)Name of Applicant :
(31) Priority Document No	:61/570863	1)FEMASYS INC.
(32) Priority Date	:15/12/2011	Address of Applicant :5000 Research Court Suite 100
(33) Name of priority country	:U.S.A.	Suwanee GA 30024 U.S.A.
(86) International Application No	:PCT/US2012/069886	(72)Name of Inventor :
Filing Date	:14/12/2012	1)LEE SEPSICK Kathy
(87) International Publication No	:WO 2013/090807	2)AZEVEDO Max S.
(61) Patent of Addition to Application	·NA	3)MARCUS Jeffrey A.
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHODS AND DEVICES FOR CERVICAL CELL AND TISSUE SAMPLING

(57) Abstract :

The present invention comprises methods and devices comprising a cutting element used to contact circumferentially and longitudinally the surface walls of the endocervical canal to provide for broad and complete contact of the intended surface with the device resulting in attainment of a sufficient volume and comprehensive tissue sample for analysis as an endocervical curettage or screening pap smear. The device may provide for a reservoir for the obtained sample to be contained when removing from the cervical canal and vagina. The device may be comprised of a detachable means or be of a material that allows the user to cut the sampling head of the device for placement in collection means to maximize the amount of tissue or cells being sent to the laboratory for analysis.

No. of Pages : 60 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : VIAL ADAPTER FOR USE WITH SYRINGE HAVING WIDENED DISTAL SYRINGE TIP

 (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 	:A61M5/178,A61J1/20 :217091 :19/12/2011 :Israel :PCT/IL2012/050516 :09/12/2012 :WO 2013/093908 :NA :NA :NA	 (71)Name of Applicant : 1)MEDIMOP MEDICAL PROJECTS LTD Address of Applicant :17 Hatidhar Street P.O. Box 2499 43665 Ra anana Israel (72)Name of Inventor : 1)LEV Nimrod 2)GILBOA Moshe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A vial adapter for use with a syringe having a widened distal syringe tip and a medicinal vial. The vial adapter includes a top wall a skirt for telescopically slidingly receiving the medicinal vial a downwardly depending puncturing spike and a syringe port opposite the puncturing spike and in flow communication therewith. The syringe port is formed with at least two upright syringe port members for being initially outwardly flexed on the sliding insertion of the widened distal syringe tip into the syringe port and subsequently snapping behind the widened distal syringe tip on its forced full sliding insertion into the syringe port to retain the widened distal syringe tip in said syringe port.

No. of Pages : 17 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : NESTED BALLOON CATHETER FOR LOCALIZED DRUG DELIVERY				
(51) International classification	:B27D	(71)Name of Applicant :		
(31) Priority Document No	:13,037,856	1)SANOVAS INC.		
(32) Priority Date	:01/03/2011	Address of Applicant :85 LIBERTY SHIP WAY, SUITE 110 -		
(33) Name of priority country	:U.S.A.	B SUASALITO, CA 94965 UNITED STATES OF AMERICA		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)LAWRENCE J. GERRANS		
(87) International Publication No	:NA	2)ERHAN H. GUNDAY		
(61) Patent of Addition to Application Number	:NA			
Filing Date	:NA			
(62) Divisional to Application Number	:NA			
Filing Date	:NA			

(57) Abstract :

A balloon catheter for delivering a therapeutic and/or diagnostic agent to tissue is described including an outer balloon having a wall with an opening therethrough and an inner surface, an inner balloon disposed in the outer balloon, enclosing an inflation chamber and having an outer surface defining a space between the outer surface of the inner balloon and the inner surface of the outer balloon, a catheter having a first lumen in fluid communication with the space between the inner balloon and the outer balloon for supplying the agent thereto, and a second lumen through which fluid is supplied to the inflation chamber for inflating the inner balloon to urge the agent out of the opening in the outer balloon, wherein the outer balloon and/or the inner balloon comprise at least one protrusion for directing the agent.

No. of Pages : 62 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : LAYER CELL ASSEMBLED BATTERY INCLUDING LAYER CELL AND METHOD FOR ASSEMBLING LAYER CELL

51) International classification:H01M10/04,H01M4/75,H01M10/231) Priority Document No (32) Priority Date:201127658632) Priority Date:19/12/201133) Name of priority country:Japan86) International Application No Filing Date:PCT/JP2012/081004 :29/11/201287) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/09438362) Divisional to Filing Date:NA :NA :NA62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : (71)Name of Applicant : (72)Name of Inventor : (72)NAME of Inventor : (72)NAME of Inventor : (72)NAME of Inventor :
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(57) Abstract :

The present invention provides a layer cell capable of suppressing increases in temperature inside the cell without the need for extra space for cooling and also capable of preventing short circuits between electrodes. This layer cell is provided with an outer cover a positive electrode a negative electrode a separator disposed between the positive electrode and the negative electrode and a conductive power collector passing through the positive electrode the negative electrode and the separator along the axial direction of the outer cover. The positive electrode the negative electrode and the separator are layered in the axial direction of the outer cover. A first electrode that is either the positive electrode or the negative electrode is in contact with the inner surface of the outer cover and is not in contact with the power collector. A second electrode that is the other electrode is not in contact with the outer cover and is in contact with the power collector. The outer edge of the second electrode is covered by the separator and the peripheral edge of the hole in the first electrode through which the power collector passes is covered by the separator.

No. of Pages : 62 No. of Claims : 13

(21) Application No.5901/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR FAST DISSOLUTION OF SOLID PROTEIN COMPOSITION

 (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 	:B01F3/12,B01F5/06,B01F13/00 :217273 :29/12/2011 :Israel :PCT/IL2012/000393 :20/12/2012 :WO 2013/098805 :NA :NA	 (71)Name of Applicant : 1)OMRIX BIOPHARMACEUTICALS LTD. Address of Applicant :Bldg. 14 Weizmann Science Park PO Box 619 Rehovot 76106 Israel (72)Name of Inventor : 1)ILAN.Erez 2)REGEV Kfir 3)LEITMAN Dana 4)NUR Israel 5)MERON Moti 6)GOODMAN John
(62) Divisional to Application Number Filing Date	:NA :NA	6)GOODMAN John

(57) Abstract :

Provided are methods and devices for dissolving solid protein compositions such as solid compositions comprising fibrinogen in an aqueous solvent. The methods comprise use of a closed container containing a volume of solid fibrinogen composition and a head space wherein the pressure within the headspace is sub atmospheric. Aqueous solvent is introduced into the container while maintain the sub atmospheric pressure and subsequent to addition of the solvent the size of the headspace is decreased to bring the pressure to atmospheric pressure. The devices are suitable for use in the disclosed method.

No. of Pages : 57 No. of Claims : 30
(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : AGRICULTURAL BAR NOSE TO PREVENT STUBBLE DAMAGE

 (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 	:B60C11/01,B60C11/03,B60C11/11 :13/400881 :21/02/2012 :U.S.A. :PCT/US2013/025495 :11/02/2013 :WO 2013/126225 :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE AMERICAS TIRE OPERATIONS LLC Address of Applicant :535 Marriott Drive Nashville Tennessee 37214 U.S.A. (72)Name of Inventor : 1)BIRKENHOLZ Wayne 2)HARRIS Bradley 3)RETHMEL Benjamin 4)BUXTON Todd
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A pneumatic agricultural tire includes first and second rows of angled lugs. Each lug is provided with a leading wall rising up from a tread floor to a leading edge of the lug surface. The leading wall has a wedge shaped leading nose rising up from the tread floor and sloped in the trailing direction so that ground stubble is engaged by and pushed aside by the wedge shaped leading nose thereby reducing stubble damage at a root of the leading wall.

No. of Pages : 31 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF MEASURING AND TESTING A WORKPIECE AND GEAR CUTTING MACHINE

:A61C	(71)Name of Applicant :
:10 2011 011 946.9	1)Liebherr-Verzahntechnik GmbH Address of Applicant :Kaufbeurer Strasse 141 87437
:22/02/2011	Kempten Germany
:Germany	(72)Name of Inventor :
:NA	1)Oliver Winkel
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:A61C :10 2011 011 946.9 :22/02/2011 :Germany :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention relates to a method of measuring and inspecting a workpiece belonging to a gear pair, wherein the method is carried out on a gear cutting machine producing the workpiece and the gear pair is either a worm gear or a cylindrical gear pair, wherein a mating test piece mounted at the working head, in particular at the cutting head, is moved in the direction d the workpiece clamped in the workpiece mount of the machine table until the gear pair is in engagement and the corresponding working axial spacing is reached, the workpiece is driven via the drive movement of the mating test piece of the gear pair, the rotational position of the workpiece to be measured is recorded and the detected actual position is compared with a reference position and at least one value characterizing the rolling gear deviation of the workpiece is calculated while taking account of the comparison made.

No. of Pages : 28 No. of Claims : 20

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEPOSIT MITIGATION IN GASOLINE FRACTIONATION, QUENCH WATER SYSTEM AND PRODUCT RECOVERY SECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (86) International Application No (87) International Publication No (87)	.0G 75/04 (71 /757,384 1 /04/2010 BL S.A. BL CT/US2011/030503 OF /03/2011 (72 O 2011/126880 1 A 3 A 3	 71)Name of Applicant : 1)LUMMUS TECHNOLOGY INC. Address of Applicant :1515 BROAD STREET, LOOMFIELD, NEW JERSEY 07003-3096, UNITED STATES F AMERICA 72)Name of Inventor : 1)SUNDARAM, KANDASSMY MEENAKSHI 2)MUKHERJEE, UJJAL, K. 3)VENNER, RONALD, M.
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(57) Abstract :

A method for selecting a solvent or mixture of solvents useful for mitigating deposit formation, cleaning existing deposits, and/or decreasing the rate of deposit formation is disclosed. Decreasing the rate at which deposits may form and/or increasing the rate at which deposits may be removed can dramatically improve process economics (e.g., decreasing down time as a result of deposit formation). In one aspect, embodiments disclosed herein relate to a process for dispersing foulants in a hydrocarbon stream, including the steps of: determining a nature of foulants in a hydrocarbon stream; selecting a solvent or a mixture of solvents suitable to disperse the foulants based upon the determined nature; and contacting the foulants with the selected solvent or mixture of solvents. Figure 1

No. of Pages : 20 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHODS FOR SUPPRESSING ISOMERIZATION OF OLEFIN METATHESIS PRODUCTS METHODS OF REFINING NATURAL OILS AND METHODS OF PRODUCING FUEL COMPOSITIONS

ss of Applicant :2501 Davey Road Woodridge IL 60517 e of Inventor : H Bruce E. & Sharon E. &SKAR Vasudeo S.

(57) Abstract :

A method for suppressing isomerization of an olefin metathesis product produced in a metathesis reaction includes adding an isomerization suppression agent to a mixture that includes the olefin metathesis product and residual metathesis catalyst from the metathesis reaction under conditions that are sufficient to passivate at least a portion of the residual metathesis catalyst. The isomerization suppression agent is phosphorous acid a phosphorous acid ester phosphinic acid a phosphinic acid ester or combinations thereof. Methods of refining natural oils and methods of producing fuel compositions are described.

No. of Pages : 83 No. of Claims : 95

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR CONTINUOUS PRODUCTION OF HIGH MOLECULAR WEIGHT POLYCARBONATE RESIN

(57) Abstract :

The present invention addresses the problem of providing a method for the continuous production of a high molecular weight polycarbonate resin comprising a step (A) for obtaining an aromatic polycarbonate prepolymer by polycondensation reaction of an aromatic dihydroxy compound and a carbonic acid diester and a step (B) for subjecting the resulting aromatic polycarbonate prepolymer and an aliphatic diol compound to a linking reaction in a linking reactor for increasing molecular weight wherein the continuous production method is improved the retention time of the reaction mixture inside the linking reactor for increasing molecular weight is shortened and performance of the resulting polycarbonate resin is enhanced. The aromatic polycarbonate prepolymer of step A is continuously fed to the linking reactor for increasing molecular weight and the aliphatic diol is continuously fed to the linking reactor for increasing molecular weight and reacted under conditions in which a degree of depressurization is 10 torr or less.

No. of Pages : 106 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PRODUCING ALKALI CELLULOSE COMPRISING REMOVAL OF CELLULOSE PARTICLES

(51) International classification	·C07C	(71)Name of Applicant .
(51) International classification	.0070	
(31) Priority Document No	.2011-	Address of Applicant (6.1. Otamachi 2. ahoma. Chivada ku
(22) Priority Data	034472	Talwa Janan
(32) Phony Date	.21/02/2011	TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NARITA Mitsuo
Filing Date	:NA	
(87) 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 :

There is provided a method for producing alkali cellulose comprising efficiently removing cellulose particles which are introduced by a pulp and have accumulated in a circulating alkali metal hydroxide solution. More specifically there is provided a method for producing alkali cellulose comprising at least the steps of bringing a pulp into contact with an alkali metal hydroxide solution to obtain a contact product draining the contact product by a drainer reusing an alkali metal hydroxide solution recovered in the step of draining for contact with a pulp and adjusting an amount of cellulose particles in the recovered alkali metal hydroxide solution to 0.5% by weight or less prior to reusing for contact with the pulp.

No. of Pages : 29 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

 (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 	:C10B 53/02 :10 2009 030 809.1 :26/06/2009 :Germany :PCT/DE2010/000706 :22/06/2010 :WO 2010/149138 :NA :NA :NA :NA	 (71)Name of Applicant : NEXXOIL AG Address of Applicant :BLEICHERWEG 45, CH-8027 ZURICH, SWITZERLAND (72)Name of Inventor : THOMAS WILLNER
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(54) Title of the invention : THERMOCHEMICAL CONVERSION OF BIOMASS

(57) Abstract :

The invention relates to a method for producing crude oil from biomass by direct liquefaction under atmospheric pressure involving the following steps: introducing dried biomass into a reactor containing heavy oil to form a sump oil phase consisting of biomass and heavy oil; maintaining the temperature of the sump oil phase at a predetermined reaction temperature; condensing and collecting the volatile reaction products; and isolating and collecting the crude oil. Said method is characterized in that the heavy oil phase has at least 5 wt.% organically bound oxygen.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMAGE PROCESSING DEVICE			
(51) International classification	:G11C	(71)Name of Applicant :	
(31) Priority Document No	:2011- 039633	1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME	
(32) Priority Date	:25/02/2011	CHIYODA-KU, TOKYO 100-8331 JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)KURIYAMA, TAKASHI	
Filing Date	:NA		
(87) 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 :

Provided are: an image processing unit 10 for executing, on movie images that have been recorded in a recording medium 18, image processing of at least one of a first image processing for imparting or removing an electronic zoom effect, or a second image processing for imparting or removing an electronic blurring effect; a first setting unit 24 that sets, in the movie images, a processing section in which the image processing is to be executed by the image processing unit; a second setting unit 24 that sets, for the processing section in the movie images, at least one of either the zoom factor having time-series changes to be imparted by the first image processing or the amount of blurring having time-series changes to be imparted by the second image processing; and a movie image data creation unit 10 that creates movie image data including the movie images on which the image processing has been performed by the image processing unit, on the basis of the content set by the first setting unit and the second setting unit.

No. of Pages : 50 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A ONE PIECE SEAT BACK STRUCTURE			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60N2/68 :61/591071 :26/01/2012 :U.S.A. :PCT/US2013/023059 :25/01/2013	 (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 East 32nd Street Holland Michigan 49423 U.S.A. (72)Name of Inventor : 1)KISH Joseph M. 	
(87) International Publication No	:WO 2013/112787		
(61) Patent of Addition to Application Number Filing Date	:NA :NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

A method of manufacturing a seat back structure using a single piece of material wherein the method includes bending the single piece of material via a plurality of stamping processes to form the seat back structure. The seat back structure includes a web (26) extending about a central opening an inner flange (38) extending about an inner perimeter of the web adjacent to the central opening and an outer flange (40) extending about an outer perimeter of the web. The inner flange is formed by bending via a first stamping process and the outer flange is formed by bending via a second stamping process.

No. of Pages : 25 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR PRODUCING A TOOTHBRUSH HAVING AN INNER CAVITY

(51) International classification	n:B29C49/04,B29C49/20,A46B5/02	(71)Name of Applicant :
(31) Priority Document No	:61/562675	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/11/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:U.S.A.	Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application	DCT/US2012/066222	02127 U.S.A.
No	PC1/052012/000522	(72)Name of Inventor :
Filing Date	.21/11/2012	1)NEWMAN Matthew Lloyd
(87) International Publication	WO 2012/078250	2)WEN Cathy
No	.w0 2013/078339	3)HOUGHTON Stephen Alan
(61) Patent of Addition to	•NI 4	4)JACKSON Scott
Application Number		5)PHILLIPS Bradley John
Filing Date	INA	6)SATTERFIELD Richard Darren
(62) Divisional to Application	.NI 4	7)UHE Andrew M.
Number		8)RYAN Christopher Thomas
Filing Date	INA	

(57) Abstract :

Methods for producing toothbrush handles having an inner cavity are provided.

No. of Pages : 56 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICE AND METHOD OF FORMATION

(51) International classification:H01L31/0296,H01L31/18,H01L31/073(71)N 1)F(31) Priority Document No:61/547924Perrys(32) Priority Date:17/10/2011(72)N(33) Name of priority country:U.S.A.1)S.(86) International Filing Date:PCT/US2012/0603973)BApplication No Filing Date:WO 2013/0591784)T(61) Patent of Addition to Application Number Filing Date:NA :NA :NA:NA :NA(62) Divisional to Application Number Filing Date:NA :NA)Name of Applicant :)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard rysburg OH 43551 U.S.A.)Name of Inventor :)SANKIN Igor)GLOECKLER Markus)BULLER Benyamin)TRACY Kieran
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(57) Abstract :

An improved photovoltaic device and methods of manufacturing the same that includes an interface layer adjacent to a semiconductor absorber layer where the interface layer includes a material in the semiconductor layer which decreases in concentration from the side of the interface layer contacting the absorber layer to an opposite side of the interface layer.

No. of Pages : 29 No. of Claims : 69

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (38) NA (39) NA (30) Na (31) NA (31) NA (32) Divisional to Application Number (32) Publication Number (31) NA (31) NA (32) Publication Number (31) NA (31) NA (32) Publication Number (31) NA (32) Publication Number (31) NA (32) Publication Number (31) NA (31) Publication Number (32) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (34) Publication Number (35) Publication	 (71)Name of Applicant : GLATFELTER FALKENHAGEN GMBH Address of Applicant : Am Lehmberg 10 16928 Pritzwalk (72)Name of Inventor : HMKE Ralf R-TTGER Henning
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(54) Title of the invention : FLEXIBLE RESILIENT ABSORBENT CELLULOSIC NONWOVEN STRUCTURE

(57) Abstract :

The invention relates to a fibrous porous fluid absorbent material comprising a nonwoven in particular made by an Airlaid process and comprising fibers at least 50% of said fibers being cellulosic fibers. The fibrous porous fluid absorbent material comprises a core wherein said fibers of said core are non-connected or only partially connected and crosslinked with each other and at least one perforated surface layer having a perforation. The fibers of the surface layer are connected to each other and the flexural rigidity of said fibrous porous fluid absorbent material measured according to EDANA Standard Test Method 90.5 is reduced by at least 20% preferably by at least 30% more preferably by at least 40% most preferably by at least 50% compared to a corresponding non perforated fibrous porous fluid absorbent material comprising a core and a non perforated surface layer.

No. of Pages : 19 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :27/02/2012

(54) Title of the invention : PUMP USED IN GASIFICATION SYSTEM

(43) Publication Date : 05/06/2015

(71)Name of Applicant : (51) International classification :B23B 1) GENERAL ELECTRIC COMPANY (31) Priority Document No :201110047329.X Address of Applicant :1 RIVER ROAD, SCHENECTADY, (32) Priority Date :28/02/2011 NEW YORK, 12345 U.S.A. (33) Name of priority country :China (72)Name of Inventor: (86) International Application No :NA **1)CORRY JUDETH BRANNON** Filing Date :NA 2)STOREY JAMES MICHAEL (87) International Publication No :NA **3)GUO MINGHU** (61) Patent of Addition to Application Number :NA **4)CHEN WEI** Filing Date :NA **5)ZENG CAI** (62) Divisional to Application Number :NA 6)ZHAO RICHARD L. Filing Date :NA 7) RUSSELL STEVEN CRAIG

(57) Abstract :

A pump with enhanced abrasion resistance that is used in a gasification system is provided. The pump comprises a housing having an inlet and an outlet, and a rotor supported within the housing. The rotor is configured with a hub and a plurality of disks spaced apart by sections of the hub and defining a plurality of transport channels for transporting solid carbonaceous feedstocks. The pump defines an interior feedstock facing surface adjacent to the solid carbonaceous feedstocks, and at least a portion of the interior feedstock facing surface is coated with a coating applied with ion implantation and penetration or other coating method.

No. of Pages : 11 No. of Claims : 21

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SEGMENTED SOLID FEED PUMP			
(51) International classification	:B23B	(71)Name of Applicant :	
(31) Priority Document No	:13/052,000	1)GENERAL ELECTRIC COMPANY	
(32) Priority Date	:18/03/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,	
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)STEVENSON, JOHN S.	
(87) International Publication No	:NA	2)ALDRED, DEREK L.	
(61) Patent of Addition to Application Number	:NA	3)RADER, JEFFERY A.	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A system is provided with a segmented solid feed pump having a plurality of pump segments disposed along a closed-loop path. The plurality of pump segments are coupled together in series along the closed-loop path, and the plurality of pump segments move along the closed-loop path. Furthermore, each pump segment includes a holding receptacle.

No. of Pages : 52 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : ALPHA AMINOAMIDINE POLYMERS AND USES THEREOF

(51) International	·C08G73/00 C08I 79/00 A61K9/127	(71)Name of Applicant :
classification	.000075/00,000279/00,401K9/127	1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(31) Priority Document No	:61/576899	Address of Applicant :77 Massachusetts Avenue Cambridge
(32) Priority Date	:16/12/2011	MA 02139 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application	DCT/US2012/060061	1)VEGAS Arturo Jose
No	.15/12/2012	2)WHITEHEAD Kathryn Ann
Filing Date	15/12/2012	3)ANDERSON Daniel Griffith
(87) International Publication	WO 2012/0009/1	4)LANGER Robert S.
No	:w0 2013/090801	5)DORKIN Joseph R.
(61) Patent of Addition to	N T 4	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	- NT A	
Application Number	INA	
Filing Date	:NA	

(57) Abstract :

a Aminoamidine polymers and methods of preparing a aminoamidine polymers by reacting by reacting one or more amines with one or more isocyanides and one or more aldehydes are described. Methods of preparing a aminoamidine polymers from commercially available starting materials are also provided wherein the starting materials are racemic or stereochemically pure. a Aminoamidine polymers or salt forms thereof are preferably biodegradable and biocompatible and may be used in a variety of drug delivery systems and for other purposes as well such as for example coatings additives excipients plastics and materials etc. Given the amino moiety of these a aminoamidine polymers they are particularly suited for the delivery of polynucleotides. Complexes micelles liposomes or particles containing the inventive a aminoamidine polymers and polynucleotides can be prepared. The inventive a aminoamidine polymers may also be used in preparing microparticles for drug delivery. They are particularly useful in delivering labile agents given their ability to buffer the pH of their surroundings.

No. of Pages : 197 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 05/06/2015

(71)Name of Applicant : 1) GENERAL ELECTRIC COMPANY (51) International classification :H04N (31) Priority Document No Address of Applicant :1 RIVER ROAD, SCHENECTADY, :13/032,101 (32) Priority Date :22/02/2011 NEW YORK, 12345 U.S.A. (33) Name of priority country 2)LOCKHEED MARTIN CORPORATION :U.S.A. (86) International Application No :NA (72)Name of Inventor: Filing Date :NA **1)SUBBU RAJESH VENKAT** (87) International Publication No :NA 2)XUE FENG (61) Patent of Addition to Application Number :NA **3)CASTILLO-EFFEN MAURICIO** Filing Date :NA **4)KLOOSTER JOEL KENNETH** (62) Divisional to Application Number :NA 5)HOCHWARTH JOACHIM KARL ULF Filing Date :NA **6)TORRES SERGIO 7)CHEN WEIWEI**

(54) Title of the invention : METHODS AND SYSTEMS FOR MANAGING AIR TRAFFIC

(57) Abstract :

Methods and systems suitable for negotiating air traffic trajectory modification requests received from multiple aircraft that each has trajectory parameters. The methods include transmitting from at least a first aircraft a first trajectory modification request to alter the altitude, speed and/or lateral route thereof. A first conflict assessment is then performed to determine if the first trajectory modification request poses a conflict with the altitudes, speeds and lateral routes of other aircraft. If a conflict is not identified, the first trajectory modification request is granted and the first aircraft is notified of the first trajectory modification request being granted. Alternatively, if a conflict is identified, the first trajectory modification request is not granted and the first trajectory modification request is not granted. If the first trajectory modification request was not granted, the first trajectory modification request is placed in a queue, which is periodically processed to perform subsequent conflict assessments.

No. of Pages : 54 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : OPTICAL FIBER RIBBONS AND RIBBON MATRIX MATERIALS HAVING LOW OLIGOMER CONTENT

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nt : LE SYSTEMS LLC ant :INTELLECTUAL PROPERTY TI-3-1, CORNING, NEW YORK 14831, F AMERICA or : FABIAN ARTHY
ARTHY

(57) Abstract :

Fiber optic ribbon matrix materials having low oligomer content and fiber optic ribbons that contain a matrix prepared from such compositions are disclosed.

No. of Pages : 26 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	·C07D 213/10	(71)Nome of Applicant :
(31) International classification	.00009251.2	
(31) Priority Document No	:09008251.2	I)LONZA LID
(32) Priority Date	:24/06/2009	Address of Applicant :LONZASTRASSE 3930 VISP (CH)
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2010/003773	(72)Name of Inventor :
Filing Date	:23/06/2010	1)ROEDERER, DETLEF
(87) International Publication No	:WO 2010/149352	2)ZOLLINGER, DANIEL
(61) Patent of Addition to Application	·NI A	3)DE RIEDMATTEN, JEAN-YVES
Number	.INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYNTHESIS PROCESS FOR 3-METHYLPYRIDINE

(57) Abstract :

The present invention discloses a process for the synthesis of 3-methyl-pyridine from formaldehyde, paracetaldehyde, ammonia and acetic acid, whereby said compounds are reacted and said process comprises the following parameters: a) a reaction temperature of 260-300°C; b) a molar ratio of formaldehyde and paracetaldehyde of 0.7-1-4 Mol/Mol: c) an ammonia concentration of 10-20 weight-% d) an acetic acid concentration of 4-20 weight-% e) a paracetaldehyde concentration of 0.4-1.6 Mol/kg f) a retention time of 10-30 minutes in case of a continuous reaction and 10-90 minutes in case of a discontinuous reaction; and g) a reaction pressure of 30-130 bar

No. of Pages : 6 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ELECTRICAL CONTACT COUPLING FOR A TRACK-BORNE VEHICLE

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:EP 11 160	1)VOITH PATENT GmbH
(51) Thomy Document No	046.6	Address of Applicant :SANKT POLTENER STRAE 43 89522
(32) Priority Date	:28/03/2011	HEIDENHEIM GERMANY
(33) Name of priority country	:EUROPEAN	(72)Name of Inventor :
(55) Name of priority country	UNION	1)LYDA, MARTIN
(86) International Application No	:NA	2)WENGE, BRUNHILDE
Filing Date	:NA	3)HEMPEL, MARIO
(87) 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 an electrical contact coupling (100) for a track-borne vehicle having a coupling housing (1) and a protective flap (4) articulated to the coupling housing (1). In order to ensure a reliable sealing of the coupling housing (1) in the closed state of the electrical contact coupling (100), a seal (3) is utilized which exhibits an upper sealing area (3a) running parallel to the axis of rotation (R) and a lower sealing area (3b) running parallel to the axis of rotation (R). The upper sealing area (3a) associates with a sealing face (5a) aligned perpendicular to the housing end face (A) and the lower sealing area (3b) associates with a sealing face (5b) aligned substantially parallel to the housing end face (A).

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

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : LATTICE GIRDER STRUCTURE USING INNOVATIVE MULTIPLE JOINTS FOR ROOF COVERING PURPOSES

(57) Abstract :

Roof truss system comprising tie rods (2) struts (1) knee rafters (4) and innovative connection joints (13) to cover buildings especially suitable for being implemented by plastic materials.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:H04L 29/06	(71)Name of Applicant :
(31) Priority Document No	:61/218,107	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:18/06/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/SE2009/051379	(72)Name of Inventor :
Filing Date	:04/12/2009	1)RACZ, ANDRAS
(87) International Publication No	:WO 2010/147528	2)TURANYI, ZOLTAN RICHARD
(61) Patent of Addition to Application	•NI A	
Number	.INA ·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BACKHAUL HEADER COMPRESSION

(57) Abstract :

A telecommunications network, and particularly a mobility management entity (MME) (26) of the telecommunications network, performs negotiation of use of header compression over at least a portion of a backhaul link (42) extending between a base station node (28) and a serving gateway (SGW) (24). In some embodiments the backhaul link comprises a radio link. In certain bearer encapsulation embodiments having radio-interface borne backhaul links a General Packet Radio service Tunneling Protocol (GTP) tunnel traverses between the serving gateway node (24) and a relay base station node (28). In such bearer encapsulation embodiments the method further comprises handling signaling between the serving gateway node (24) and the relay base station node (28) for negotiating the use of the header compression inside the General Packet Radio service Tunneling Protocol (GTP) tunnel. In certain proxy embodiments having radio-interface borne backhaul links the backhaul link comprises a first tunnel extending between the serving gateway node (70) and a further (e.g., second) tunnel extending between the donor base station node (70) and the relay base station node (28). In such example proxy embodiments the method further comprises handling signaling between the donor base station node (70) for negotiating the use of the header compression inside the donor base station node (70) for negotiating the use of the header compression node (28). In such example proxy embodiments the method further comprises handling signaling between the relay base station node (28) and the donor base station node (70) for negotiating the use of the header compression inside the second tunnel, and (optionally) handling signaling between the donor base station node (70) and the serving gateway node (24) for negotiating the use of the header compression inside the first tunnel.

No. of Pages : 47 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DEVICE THAT CAN BE WORN ON THE BODY OF A USER AND THAT PROVIDES VACUUM FOR MEDICAL USES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Data 	:A61M 1/00 :102009038130.9 :12/08/2009 :Germany :PCT/EP2010/004011	 (71)Name of Applicant : 1)PAUL HARTMANN AKTIENGESELLSCHAFT Address of Applicant :PAUL-HARTMANN-STRAE 12, 89522 HEIDENHEIM, GERMANY 2)ATMOS MEDIZIN TECHNIK GMBH & CO. KG (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2010/018133 :NA :NA :NA :NA	1)ECKSTEIN, AXEL 2)HOFSTETTER, JURGEN 3)MOLLER, MARIO 4)HEER, ANDREAS 5)WEGNER, SIMON

(57) Abstract :

The invention relates to a device (2) for carrying on the body of a user to generate a vacuum for medical applications, in particular, for the vacuum therapy of wounds on the human or animal body, with a vacuum-producing facility and a vessel (10) that is disposable after use for receiving body fluids, in particular, wound exudates suctioned out of a wound, and with a connection (12) for a suction tube leading to the body for this purpose, wherein the vacuum-producing facility is disposed in or on a first housing part (4) of the device and the vessel (10) forms a second housing part (8) of the device or is disposed in or on the second housing part (8), and the housing parts (4, 8) are separably fixed one against the other, and wherein the device (2) has fastening means so that it can be worn and carried on the body of the user; according to the invention, the device is characterized in that the first housing part (4) is provided facing away from the body when the device is carried on the body of the user (mobile operation) and the second housing part (8) is facing the body and that both housing parts (4, 8) are essentially disk-shaped and lie one against the other in an essentially vertically oriented separation plane (14).

No. of Pages : 33 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROTECTIVE EQUIPMENT COMPRISING AT LEAST ONE REMOVABLE SHOULDER PROTECTOR

(57) Abstract :

Protective equipment comprising at least one removable shoulder protector The protective equipment (10) according to the invention comprises: - a main part designed to cover at least part of the torso of a user, the main part defining an opening for an arm of the user, - at least one removable side part, designed to cover at least one shoulder of the user, and - for the or each side part, a reversible system for attaching said side part to said main part. The fastening system comprises: - at least one of appendage (50), secured to the side part, and bearing a first fastening member (64), - at least one belt (52), defining, with the main part, a passage (66) for the appendage (50), and - at least one second fastening member (70), suitable for cooperating with the first fastening member (64) to reversibly secure the first and second fastening members (64, 70) to each other, the second fastening member (70) being borne by the belt (52), the appendage (50), the main part or the side part.

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

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TERMINAL FITTING AND FLUIDPROOF CONNECTOR PROVIDED THEREWITH :B62H (71)Name of Applicant : (51) International classification 1)SUMITOMO WIRING SYSTEMS, LTD. :2011-(31) Priority Document No Address of Applicant :1-14, NISHISUEHIRO-CHO, 041342 :28/02/2011 YOKKAICHI-CITY, MIE 510-8503, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)YOSHIHIRO MIZUTANI Filing Date :NA 2)HIROKO KATO (87) International Publication No :NA **3)SHINJI HIRANO** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An object of the present invention is to provide a terminal fitting capable of reliably fulfilling an inverted insertion preventing function and ensuring a waterproof function. In a female terminal in which a pair of left and right stabilizers 30 are formed to extend from one surface of a main portion 21 in the form of a rectangular tube, the pair of stabilizers 30 are formed at positions at a predetermined distance from and inwardly of opposite left and right lateral edges of the one surface of the main portion 21 toward a widthwise center to assume such oblique postures that both extending ends gradually come closer to each other, whereby the extending ends of the both stabilizers 30 are located within a circumscribed circle X of the main portion 21, C-surfaces 35A are formed on corner portions of the outer lateral edges of extending end surfaces 31 of the both stabilizers 30 and R-surfaces 37A are formed on lateral edges 36 of the Csurfaces 35A on base end sides of the stabilizers 30.

No. of Pages : 49 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : RESILIENT SKIN CONTACTING MEMBERS TO FACILITATE PIVOTING			
 (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 	:B26B 21/22 :12/508,845 :24/07/2009 :U.S.A. :PCT/US2010/041319 :08/07/2010 :WO 2011/011204 :NA :NA :NA :NA	 (71)Name of Applicant : THE GILLETTE COMPANY Address of Applicant :WORLD SHAVING HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT-3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, U.S. (72)Name of Inventor : MURGIDA, MATTHEW, FRANK 	

(57) Abstract :

A wet shaving system having a handle and a housing that is dimensioned to receive one or more blades. A resilient skin contacting element pivotably joins the housing to the handle. The resilient skin contacting element has a width, a bottom surface, and an opposing top surface with a plurality of protrusions, wherein the housing pivots about the plurality of protrusions.

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

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TENSIONING RAIL HAVING A CARRIER WHICH COMPRISES A PROTRUSION FOR A SLIDEWAY LINING

 (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 	:C12L :102011007154.7 :11/04/2011 :Germany :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant :INDUSTRIESTRABE 1-3, 91074 HERZOGENAURACH, GERMANY (72)Name of Inventor : 1)CHRISTIAN HARTMANN
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(57) Abstract :

The invention relates to a tensioning rail (1) for a power transmission means in an internal combustion engine, having a carrier (2), which can be deflected by way of a deflecting means, and a slideway lining (3) which is attached to the carrier (2), wherein at least one protrusion (4) of the carrier (2) engages into a cut-out (5) in the slideway lining (3) in such a way that the slideway lining (3) is fixedly attached to the carrier (2) in a substantially non-displaceable manner. The invention also relates to a power transmission means having a tensioning rail of this type.

No. of Pages : 12 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN INHALER			
 (54) Title of the invention : AN INHALEI (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 	R :A61B :0913942.9 :07/08/2009 :U.K. :PCT/GB2010/001488 :06/08/2010 : NA :NA	 (71)Name of Applicant : 1)KIND CONSUMER LIMITED Address of Applicant :79 Clerkenwell Road London EC1R 5AR United Kingdom. (72)Name of Inventor : 1)HEARN Alex 2)McDERMENT Iain	
Number Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

An inhaler comprising a reservoir (5) of an inhalable composition. A housing (I) contains the reservoir and has an outlet end and an opposite end. A composition flow path (13) for the flow of the composition extends from the reservoir along the flow path and out of a composition outlet at the outlet (II) end of the housing. A flexible diaphragm (16) within the housing defines an air flow path from an air inlet (25) to an air outlet (9) at the outlet end of the housing the diaphragm extending past the air flow inlet towards the opposite end separating the air flow path on one side of the diaphragm from the remainder of the housing on the opposite side of the diaphragm. A valve element (15) is movable with the diaphragm (16).

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

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 05/06/2015

		(71)Name of Applicant :
(51) International classification(31) Priority Document No	:B64F1/04 :EP13168761	1)Siemens Aktiengesellschaft Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen,
(32) Priority Date(33) Name of priority country	:22/05/2013 :EPO	GERMANY (72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)AIROLDI GIOVANNI 2)ERIKSEN UFFE
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)GUNDTOFT SOEREN 4)MICHAELSEN CLAUS 5)MUNIK HANSEN THODKH
(62) Divisional to Application Number	:NA :NA	5)MUNK-HANSEN THORKIL 6)SOERENSEN PETER HESSELLUND
Filing Date	:NA	7)THYGESEN CLAUS 8)TOURDE XAVIER

(54) Title of the invention : AIRFLOW CONTROL ARRANGEMENT

(57) Abstract :

The invention describes an airflow control arrangement (100) for a direct-drive wind-turbine (10) with a generator (14) comprising a ro-tor (11) and a stator (12), which airflow control arrangement (100) comprises an outflow fan (1) arranged to draw an exit airflow (AF_out) through an exit duct (4), which exit duct (4) extends from an interior cavity (120) of the stator (12) to the exterior of the wind turbine (10). The invention further describes a direct-drive wind turbine (10) com-prising such an airflow control arrangement (100). The invention further describes a method of controlling an airflow (AF_in, AF_out) in a direct-drive wind-turbine (10) with a generator (14) comprising a ro-tor (11) and a stator (12).

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

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : DECARBURIZED NITRIDED STEEL SHEET FOR GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B22B :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6-1, MARUNOUCHI 2 CHOME, CHIYODA-KU TOKYO 100-8071, JAPAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SHUICHI NAKAMURA
(61) Patent of Addition to Application Number	:NA	2)YOSHIYUKI USHIGAMI
Filing Date	:NA	3)HIROYASU FUJII
(62) Divisional to Application Number	:NA	4)SEIKI TAKEBAYASHI
Filing Date	:NA	

(57) Abstract :

When an area ratio of oxides occupying a steel sheet cross section perpendicular to a rolling direction at a position of a depth t from a surface of a decarburized nitrided steel sheet is set to b (t), an area ratio of Fe-based oxides is set to a (t), and a ratio of the Fe-based oxides to all the oxides at the position of the depth t is set to F (t) = a (t)/b (t), it is controlled such that F (t) becomes a maximum value inside the steel sheet at the depth t from the surface of the decarburized nitrided steel sheet of not less than 0.1 μ m nor more than 1.2 μ m, and an average value of values of F (t) at the depth t from the surface of the steel sheet falling within a range of 0.1 μ m to 0.6 μ m becomes not less than 0.05 nor more than 0.3, and thereby it becomes possible to make change in inhibitors in a finish annealing step uniform to form a good glass film.

No. of Pages : 45 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION (21) Application No.538/DELNP/2012 A (19) INDIA (22) Date of filing of Application :18/01/2012 (43) Publication Date : 05/06/2015 (54) Title of the invention : SILICA-STABILIZED ULTRAFINE ANATASE TITANIA VANADIA CATALYSTS AND METHODS OF PRODUCTION THEREOF (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)Millennium Inorganic Chemicals Inc. :12/533,414 (32) Priority Date Address of Applicant :20 Wight Avenue Suite 100 Hunt :31/07/2009 (33) Name of priority country Valley Maryland 21030 United States of America. :U.S.A. (86) International Application No :PCT/IB2010/002236 (72)Name of Inventor : Filing Date :07/09/2010 1)CHAPMAN David M. (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention is directed to compositions and processes for the production of silica-stabilized ultrafine anatase titanias and which may further comprise tungsten and vanadia. The surface stabilization may be by treatment of the TiO2 particles with a low molecular weight andlor smallnanoparticle form of silica such as in preferred embodiments a tetra(alkyl)ammonium silicate or silicic acid which serves to efficiently maintain the anatase phase and prevent crystal growth under severe thermal and hydrothermal conditions even in the presence of vanadia. The vanadia catalysts produced from the novel titanias have equal or improved catalytic activity for selective catalytic reduction of NOx compared to conventional vanadia supported silica-titania based catalysts. The invention is further directed to diesel emission catalytic devices comprising the novel titania-based catalyst compositions.

No. of Pages : 68 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : VOLTAGE MEASUREMENT DEVICE AND VOLTAGE MEASUREMENT SYSTEM :H01J (71)Name of Applicant : (51) International classification 1)HITACHI VEHICLE ENERGY, LTD. :2011-(31) Priority Document No Address of Applicant :1410, INADA, HITACHINAKA-SHI, 045185 :02/03/2011 IBARAKI 312-8505, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :NA **1)UEDA MASAHIRO** Filing Date :NA 2)AOSHIMA YOSHINORI (87) International Publication No :NA **3)KUDO AKIHIKO** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A voltage measurement device, includes: a multiplexer that includes a plurality of input terminals at which voltage signals are inputted; a control circuit that performs voltage measurement by acquiring the voltage signal at a selected input terminal from the multiplexer; and a decision circuit that makes a decision as to whether or not an abnormality has occurred, based upon voltage values measured by the control circuit, wherein: the plurality of input terminals include input terminals at which voltage signals from a plurality of subjects of measurement are inputted, and an input terminal at which a potential for diagnosis is inputted; the control circuit, when performing voltage measurement for the plurality of subjects of measurement, measures voltages at the input terminals at which the voltage signals from the plurality of subjects of measurement are inputted, and a voltage at the input terminal at which the potential for diagnosis is inputted.

No. of Pages : 56 No. of Claims : 15

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:F03B13/00	(71)Name of Applicant :
(31) Priority Document No	:MI2013A000822	1)GEFRAN S.p.A.
(32) Priority Date	:21/05/2013	Address of Applicant : Via Sebina, 74 I-25050 Provaglio
(33) Name of priority country	:Italy	D [™] Iseo, BRESCIA, Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOLTENI Roberto
(87) International Publication No	: NA	2)KATTAKAR Bhupesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SOLAR ENERGY POWERED WATER PUMPING SYSTEM

(57) Abstract :

A solar energy powered water pumping system (I) with a water storage receptacle (2), an electric pump (3) having suction duct (5) and a discharge duct (7) connected to the storage receptacle (2), a control unit (8) adapted to energize the electric pump (3), a photovoltaic assembly (1 1) connected to the control unit (8), wherein the control unit (8) monitors an output voltage (VDC) of the photovoltaic assembly (1 1) and activates the electric pump (3) if the output voltage (VDC) is greater than a preset reference voltage (VDC-REF) and stops the electric motor pump (3) if the output voltage (VDC) is smaller than a preset minimum voltage value (VDC-MIN) smaller than the reference voltage value (VDC-REF).

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

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International	·E02B39/00 E01D25/24 E01D25/00	(71)Name of Applicant :
classification	.102D39/00,101D23/24,101D23/00	1)BORGWARNER INC.
(31) Priority Document No	:10 2012 002 886.5	Address of Applicant :Patent Department 3850 Hamlin Road
(32) Priority Date	:14/02/2012	Auburn Hills Michigan 48326 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/025496 :11/02/2013	1)BECKER Martin
(87) International Publication No	:WO 2013/122851	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an exhaust gas turbocharger (1) having a compressor (2) which has a compressor housing (3); having a turbine (4) which has a turbine housing (5) and having a bearing housing (6) which is arranged between the compressor housing (3) and the turbine housing (5) and is connected to the compressor housing (3) by way of a compressor side connecting device and to the turbine housing (5) by way of a turbine side connecting device (7) wherein the turbine housing side and/or compressor side connecting device (7) is in the form of a taper key bolted joint having bolts (8 9 10) which are arranged at least substantially perpendicularly to an exhaust gas turbocharger longitudinal axis (L).

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (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 	:F02B39/00,F01D25/24,F02B39/16 :102012004623.5 :06/03/2012 :Germany :PCT/US2013/027066 :21/02/2013 :WO 2013/133979 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)SCHLARB Guido 2)MAAS Ulrich
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

The invention relates to an exhaust gas turbocharger (1) having a turbine (2) and having a compressor (3) which is connected to the turbine (2) via a bearing housing (4) and which has a compressor housing (5) which compressor housing has a valve flange (6) provided with a valve seat (11) for an overrun air recirculation valve and has a connecting duct (9) which opens out at one end (9 A) in a compressor inlet (7) a valve flange chamber (14) into which the other end (9B) of the connecting duct (9) opens out being arranged between a valve orifice (10) of the valve flange (6) and a valve seat orifice (13) of the valve seat (11) wherein the valve flange chamber (14) is provided with a buffer volume (15).

No. of Pages : 12 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BEARING HOUSING OF AN EXHAUST GAS TURBOCHARGER

(51) International classification	:F02B39/00,F01D25/16,F01D25/18	(71)Name of Applicant : 1)BORGWARNER INC.
(31) Priority Document No	:10 2012 003 420.2	Address of Applicant :Patent Department 3850 Hamlin Road
(32) Priority Date	:20/02/2012	Auburn Hills Michigan 48326 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/025530 :11/02/2013	1)KOCH Silvio
(87) International Publication No	:WO 2013/126231	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a bearing housing (1) of an exhaust gas turbocharger (2) having a bearing cartridge (4) arranged in a bearing housing borehole (3) for a rotor (5) having an oil film (6) which surrounds the bearing cartridge (4) on the outer circumferential surface (7) thereof wherein provision is made of at least one decoupling/sealing element (8 9) which is formed as a spring steel ring and which is elastically tensioned between a first associated bearing cartridge end region (10) and an adjacently arranged bearing housing wall region (11).

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.978/DEL/2014 A (19) INDIA (22) Date of filing of Application :04/04/2014 (43) Publication Date : 05/06/2015 (54) Title of the invention : VALVE INTEGRATED INTO A FLUID DISTRIBUTION NETWORK, NETWORK AND ENERGY CONVERSION INSTALLATION COMPRISING SUCH A VALVE (51) International classification :F16K1/228 (71)Name of Applicant : (31) Priority Document No :1353074 1)ALSTOM RENEWABLE TECHNOLOGIES (32) Priority Date Address of Applicant :82, AVENUE LEON BLUM, 38100 :05/04/2013 (33) Name of priority country GRENOBLE, FRANCE :France (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)MATHIEU, ALAIN

: NA

:NA

:NA

:NA

:NA

(57) Abstract : The value is integ

Filing Date

Filing Date

(87) International Publication No

(62) Divisional to Application Number

(61) Patent of Addition to Application Number

The valve is integrated into a fluid distribution network and makes it possible, in a selective manner, to interrupt or authorize the flow of a fluid in an axial direction of a pipe. This valve comprises an external body (20), inside which a shut-off member (22) is disposed, a service seal (220) which, in a shut-off position of the valve, provides sealing between the shut-off member and the body (20) of the valve, and a maintenance sealing mechanism (M) which is disposed upstream of the service seal (220) and which provides sealing during maintenance operations on the service seal (220). The mechanism (M) comprises a ring (206) which is able to move axially, with respect to the body (20) of the valve, between a retracted position, in which it does not prevent the passage of the fluid, and a forward position, where it bears in a sealing manner against the shut-off member (22). The ring carries, on its internal surface, an elastically deformable membrane which, when the ring is in the forward position, bears, at least partially, against the shut-off member (22).

No. of Pages : 35 No. of Claims : 13
(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTILAYERED COMPOSITE			
 (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 	:B29C 47/00 :61/232,252 :07/08/2009 :U.S.A. :PCT/US2010/044874 :09/08/2010 :WO 2010017695 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ZEUS INDUSTRIAL PRODUCTS, INC. Address of Applicant :3737 INDUSTRIAL BOULEVAARD, ORANGEBURG, SOUTH CAROLINA 29118, UNITED STATES OF AMERICA (72)Name of Inventor : 1)ANNEAUX, BRUCE L. 2)BALLARD, ROBERT L. 3)GARNER, DAVID P. 	

(57) Abstract :

In accordance with certain embodiments of the present disclosure, a process for forming a multilayered electrospun composite is provided. The process includes forming a dispersion of polymeric nanofibers, a fiberizing polymer, and a solvent, the dispersion having a viscosity of at least about 50,000 cPs. Nanofibers from the dispersion are electrospun onto a first ePTFE layer. A second ePTFE layer is applied onto the nanofibers to form a composite structure. The composite structure is heated.

No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OPERATING A POWER SUPPLY UNIT OF A MOTOR VEHICLE ELECTRICAL SYSTEM

(57) Abstract :

The present subject matter relates to a method for operating a power supply unit (1) of a motor vehicle electrical system comprising at least one first sub-network (N1), and a second sub-network (N2) having different voltage levels, wherein the power supply unit (1) has an electric machine (100), which is connected to the first sub-network (N1), and the second sub-network (N1) via a converter circuit (200). In a first mode of operation, a switchable switching element (S) of the converter circuit (200), which connects the converter circuit (200) to the second sub-network (N2), is opened, the converter circuit (200) is operated as an inverter circuit, and the electrical machine (100) powered by a motor or a generator. In a second mode of operation, the switchable switching element (S) of the converter circuit (200) is closed, the converter circuit (200) is operated as a DC-DC converter, and the DC voltage conversion is performed between the voltage levels of the first (N1) and second (N2) sub-network.

No. of Pages : 22 No. of Claims : 14

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : OPTICAL FIBER GLASS BASE MATERIAL MANUFACTURING METHOD AND OPTICAL FIBER GLASS BASE MATERIAL

(51) International classification	:C03B37/018	(71)Name of Applicant :
(31) Priority Document No	:2013- 080441	1)Shin-Etsu Chemical Co., Ltd. Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:08/04/2013	Tokyo 100-0004 Japan.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Hitoshi NAKAJIMA
Filing Date	:NA	
(87) 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 :

Provided is an optical fiber glass base material manufacturing method that includes flame polishing an outside of a starting base material that includes a core and a first cladding with an oxyhydrogen flame and then arranging a glass fine particle synthesis burner facing the starting base material, which rotates, moving the starting base material and the burner back and forth relative to each other along the starting base material, and depositing glass fine particles produced by hydrolysis of glass raw material in the oxyhydrogen flame as a porous glass layer of a second cladding, the method comprising synthesizing and depositing the glass fine particles under conditions in which a hydrogen flow rate during a first back and forth deposition pass performed immediately after supply of raw material is started is greater than a normal hydrogen flow rate.

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

(22) Date of filing of Application :05/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CARBURIZED PART, METHOD FOR MANUFACTURING THEREOF, AND STEEL FOR CARBURIZED PART

(57) Abstract :

The invention provides a carburized part which has excellent medium-cycle fatigue strength in particular subjected to surfacehardening treatment by carburization. 5 The invention provides a carburized part including a carburized layer formed by performing carburizing treatment to a steel, the steel including, in terms of % by mass: 0.15% to 0.25% of C, 0.15% or less of Si, 0.4% to 1.1% of Mn, 0.8% to 1.4% of Cr, 0.25% to 0.55% of Mo, 0.015% or less of P, and 0.035% or less of S, with the remainder being Fe and unavoidable impurities, and the steel satisfying the following 10 relation; 0.10 I [Mo]/(IO[Si] + [Mn] + [Cr]) I 0.40, in which [MI represents a content of element M in terms of % by mass.

No. of Pages : 33 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : OCULAR OPTICAL SYSTEM AND OPTICAL APPARATUS :G01K (51) International classification (71)Name of Applicant : 1)NIKON CORPORATION :2011-(31) Priority Document No Address of Applicant :12-1, YURAKUCHO 1-CHOME 043729 :01/03/2011 CHIYODA-KU, TOKYO 100-8331 JAPAN (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan 1)MATSUO, TAKU (86) International Application No :NA Filing Date :NA (87) 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 ocular optical system EL for observing an image displayed on an image display element Ob has, in order from the image display element Ob: a first lens L1 which is a positive lens; a second lens L2 which is a negative lens having a strong concave surface facing the image display element Ob; and a third lens L3 which is a positive lens having a strong convex surface facing the eye point EP in order to implement both high magnification and size reduction, wherein the first lens L1 is cemented and integrated with the image display element Ob, in order to reduce the size of the ocular optical system EL while ensuring tele-centricity and sufficiently wide luminous flux.

No. of Pages : 56 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONFIGURATION FOR JOINING A CERAMIC THERMAL INSULATING MATERIAL TO A METALLIC STRUCTURE

	Daawaciaa	
(51) International classification	:B23K26/32	(71)Name of Applicant :
(31) Priority Document No	:13163603.7	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:12/04/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400,
(22) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)WITZ, GREGOIRE ETIENNE
Filing Date	:NA	2)HOEBEL, MATTHIAS
(87) International Publication No	: NA	3)BOSSMANN, HANS-PETER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Configuration (10) for joining a ceramic layer (1) comprising a thermal insulating material to a metallic layer (2), the configuration (10) comprising an interface layer (11) made of metallic material, located between the ceramic layer (1) and the metallic layer (2), comprising a plurality of interlocking elements (20) on one of its sides, facing the ceramic layer (1), the ceramic layer (1) comprising a plurality of cavities (30) aimed at connecting with the corresponding interlocking elements (20) of the interface layer (11), the configuration (10) also comprising a brazing layer (40) by means of which the interface layer (11) is joint to the metallic layer (2). The invention also refers to a method for obtaining such configuration (10).

No. of Pages : 20 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:G06F9/45	(71)Name of Applicant :
(31) Priority Document No	:201310321354.1	1)GOLDEN VAST MACAO COMERICAL OFFSHORE
(32) Priority Date	:27/07/2013	LIMITED
(33) Name of priority country	:China	Address of Applicant : AVENIDA DA PRAIA GRANDE NO.
(86) International Application No	:NA	401-415, EDIF, CHINA LAW, 15 ANDAR, B, MACAU CHINA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WONG KWOKFONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND APPARATUS FOR APPLICATION PROTECTION

(57) Abstract :

The invention discloses a method and apparatus for application protection, and belongs to the field of communication technology. The said method comprises: receiving a command for locking the specified application; extracting the users biometric information; using the users biometric information to lock the specified application, so as to achieve locking of the specified application. The said apparatus comprises: the first receiving module, the first extraction module and the locking module. According to the invention, the users biometric information is obtained and used to lock the specified application, so that the specified application can be locked and the user can use other applications conveniently; fiirthermore, the security of the specified application is also improved.

No. of Pages : 21 No. of Claims : 16

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

 (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 	:A61M 5/32 :12/505,912 :20/07/2009 :U.S.A. :PCT/US2010/042130 :15/07/2010 :WO 2011/011258 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BECTON, DICKINSON AND COMPANY Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES NEW JERSEY 07417-1880 UNITED STATES OF AMERICA (72)Name of Inventor : 1)MCKINNON, AUSTIN JASON 2)HENDERSON, III EDWARD G. 3)ISAACSON, S. RAY 4)PETERSON, BART D.
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(54) Title of the invention : METHODS TO PROVIDE A FEATURE ON A NEEDLE

(57) Abstract :

A gripping surface is provided on an outer surface of a needle shield as incorporated into an intravenous catheter assembly. The gripping surface provides a gripping position nearer the catheter adapter, catheter and needle tip for improved balance and control of the catheter assembly during insertion of the catheter. Additionally, the gripping surfaces include a guard feature to prevent a user's unintended contact with various components of the catheter assembly whereby the contact may result in an undesirable over the bevel condition.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BLIKER WITH HAZARD MODULE		
(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MINDA INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant : Village Nawada Fatehpur P.O.
(33) Name of priority country	:NA	Sikanderpur Badda Manessar Distt. Gurgaon Haryana 122004
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Rajiv Rathore
(61) Patent of Addition to Application Number	:NA	2)Avik Ghosh
Filing Date	:NA	3)Anshul Dua
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with the present invention, there is provide an hazard switch in which the basic mechanism is very similar to the regular blinker with push cancellation mechanism.....

No. of Pages : 32 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : WINDING UNIT, AUTOMATIC WINDER, AND ALIGNING METHOD OF YARN SUPPLYING BOBBIN

(51) International classification	:D01F	(71)Name of Applicant :
(31) Priority Document No	:2011- 062595	1)MURATA MACHINERY, LTD. Address of Applicant :3 MINAMI OCHIAI-CHO.
(32) Priority Date	:22/03/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NĀ	(72)Name of Inventor :
Filing Date	:NA	1)UMEOKA TOSHINARI
(87) 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 winder unit (winding unit) 4 includes a bobbin holder 110 holding the yarn supplying bobbin, a length information acquiring section acquiring length information, which is information related to an axial length of the yarn supplying bobbin, a position detecting section 74 capable of detecting the position of the yarn supplying bobbin held by the bobbin holder 110, a storage section 52 storing information of an unwinding standard position and information of a position where the position detecting section 74 is arranged, and a unit control section 50. The unit control section 50 carries out control of moving the position detecting section 74 so that the position detecting section 74 can detect the yarn supplying bobbin held by the bobbin holder 110 based on the length information, and control of moving the yarn supplying bobbin to align the yarn supplying bobbin with the unwinding standard position based on the length information and a storage content of the storage section 52.

No. of Pages : 78 No. of Claims : 25

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : DISTRIBUTED CONTROL SYSTEM			
(51) International classification	:G05B19/042	(71)Name of Applicant :	
(31) Priority Document No	:13163938.7	1)ALSTOM TECHNOLOGY LTD	
(32) Priority Date	:16/04/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400,	
(33) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND	
	UNION	(72)Name of Inventor :	
(86) International Application No	:NA	1)CREPET, GULLES	
Filing Date	:NA		
(87) 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 distributed control system comprising a housing (2), at least one module (7a, 7b, 7c, 7d, 7e, 7f, 7g, 7h, 7i), a non-galvanic communication link (9), at least one module (7a, 7b, 7c, 7d, 7e, 7f, 7g, 7h, 71) is associated with a converter (8a, 8b, 8c, 8d, 8e, 8f, 8g, 8h, 8i), the converter (8a, 8b, 8c, 8d, 8e, 8f, 8g, 8h, 81) is suitable to communicate over the communication link (9), the converter (8a, 8b, 8c, 8d, 8e, 8f, 8g, 8h, 81) is suitable to communicate over the communication link (9), the converter (8a, 8b, 8c, 8d, 8e, 8f, 8g, 8h, 8i) is suitable to condition the input for the module, so signals transmitted through the communication link (9) can be processed internally by the module, characterized in that the range of the communication link (9) is substantially limited to the size of the housing (2).

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:C08L 77/00	(71)Name of Applicant :
(31) Priority Document No	:12/507,758	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:22/07/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A
(86) International Application No	:PCT/US2010/042859	(72)Name of Inventor :
Filing Date	:22/07/2010	1)CHOU, RICHARD T.
(87) International Publication No	:WO 2011/011577	2)BENDLER, HERBERT VERNON
(61) Patent of Addition to Application	·NA	
Number	.NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : POLYAMIDE COMPOSITION CONTAINING IONOMER

(57) Abstract :

A composition and an article therewith are disclosed wherein the composition comprises or is a blend that comprises a polyamide, an ionomer of an ethylene copolymer containing a monocarboxylic acid and a dicarboxylic acid or derivative thereof, and a sulfonamide.

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : CLOSED LOOP CYCLIC TIMING OPTIMIZER CONTROL SYSTEM AND METHOD :A47H (71)Name of Applicant : (51) International classification 1)EMHART GLASS S.A. (31) Priority Document No :13/369,750 (32) Priority Date Address of Applicant :HINTERBERGSTRASSE 22, CH-6330 :09/02/2010 (33) Name of priority country CHAM. SWITZERLAND :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)JONATHAN S. SIMON** (87) 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 the optimization of the cycles of events occurring in an I.S. machine that automatically optimizes the cycles of events occurring in an I.S. machine by using information relating to the characteristics of the hot glass containers manufactured by the I.S. machine obtained by monitoring the hot glass containers immediately subsequent to their manufacture. Optionally, information relating to process values associated with the operation of the I.S. machine may also be monitored and used in the optimization of the cycles of events occurring in the I.S. machine. Also optionally, the active limits of the event times may be modified by an operator based upon observations of the operation of the I.S. machine.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : MOULD PART, MOULD ASSEMBLY AND METHOD OF CLOSING A MOULD ASSEMBLY (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)SIEMENS AKTIENGESELLSCHAFT :EP11160970 (32) Priority Date :04/04/2011 Address of Applicant :WITTELSBACHERPLATZ 2, 80333 (33) Name of priority country MUNCHEN, GERMANY :EPO (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)SCHIBSBYE; KARSTEN** (87) 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 inventive mould part (la) comprises: - a surface with a mould opening (2a); - a first arm (22) with a connecting means for connecting a first (12) pulley, the first arm (22) being pivotably attached to a first attachment point (24) of the mould part (la); - a second arm (28) with a connecting means for connecting a second pulley (18), the second arm (28) being pivotably attached to a second attachment point (30) of the mould part (la); wherein the second arm (28) is arranged to be locked in at least two different turning positions.

No. of Pages : 28 No. of Claims : 12

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : GASEOUS FUEL INJECTOR

(51) International classification	:B94N	(71)Name of Applicant :
(31) Priority Document No	:JP 2011- 056157	1)NIKKI CO., LTD. Address of Applicant :3029, KAMIECHI, ATUSGI-SHI,
(32) Priority Date	:15/03/2011	KANAGAWA-KEN, 243-0801, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)INOUE, TORU
Filing Date	:NA	2)FUKUOKA, TOMOAKI
(87) 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 :

To prevent foreign materials such as dust or tar that are mixed in gas fuel from being attached to a portion of the orifice that is disposed for measuring the flow rate through the fuel through-hole in the injector of the gas fuel so that the flow rate of the fuel is prevented from decreasing. An injector 1 for gas fuel, in which an injector valve body 7 is moved up and down in an axial direction so as to contact or separate from a valve seat 11 held on a valve seat holder 10 having a fuel through-hole 9 that is arranged opposite to the lower side thereof, the fuel coming in from a fuel inlet 13 is intermittently transmitted to the fuel through-hole 9 at a predetermined interval and an orifice 14 for measuring flow rate is disposed in the fuel through-hole 9, featuring a coating layer 15 consisting of Ni-P plating containing fluorine resin particles applied to the inner surface of the orifice 14.

No. of Pages : 12 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTAINER WITH LOW PARTICULATE EMISSION AND FRICTION CONTROLLED DRY SLIDING SURFACE AND METHODS FOR PRODUCING SAME

(57) Abstract :

Container with low particulate emission and friction controlled dry sliding surface and methods for producing same Abstract Of The Invention The invention relates to a container comprising a container body having an outer surface and an inner surface, wherein - the inner surface contains silicon oxide; and - the silicon oxide containing inner surface is at least partially modified with a fluorine containing compound, wherein the fluorine containing compound is chemically bonded to the silicon oxide of the container body via at least one Si-O-Si bond. -

No. of Pages : 65 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :15/07/2014

(54) Title of the invention : TONER CARTRIDGE FOR USE IN AN IMAGE FORMING DEVICE

 (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 	:G03G15/08 :13/340935 :30/12/2011 :U.S.A. :PCT/US2012/065149 :15/11/2012 :WO 2013/101350 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LEXMARK INTERNATIONAL INC. Address of Applicant :IP Law Department Bldg. 082 1 740 West New Circle Road Lexington KY 40550 U.S.A. (72)Name of Inventor : 1)ACOSTA Benjer Albaran 2)AMANN Mark William 3)CARTER James Anthany 4)HACKNEY Gary Neal 5)LACTUAN Katrina Rosit 6)LEEMHUIS James Richard 7)NEWMAN Benjamin Keith 8)ROGERS Matthew Lee 9)SPROUL Rodney Evan 10)HALE Jason 11)PORTIG Harald 12)SEAMAN Keith 13)SCHARF Bryan Christopher 14)VOWELS Christopher Gene
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(57) Abstract :

A toner cartridge according to one example embodiment includes a housing that defines a reservoir for containing toner. An exit port in fluid communication with the reservoir faces downward on the front of the housing near a first side. A shutter positioned at the exit port is movable between an open position and a closed position. A toner delivery system for transferring toner from the reservoir includes a main interface gear exposed on the front of the housing near the top of the second side. A rearward facing opening is positioned near the first side of the housing for receiving a first engagement feature in an image forming device for opening and closing the shutter. A forward facing slot is positioned near the first side of the housing for receiving the shutter.

No. of Pages : 52 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(51) International classification	:H04B7/14	(71)Name of Applicant :
(31) Priority Document No	:201310549241.7	1)GOLDEN VAST MACAO COMERICAL OFFSHORE
(32) Priority Date	:07/11/2013	LIMITED
(33) Name of priority country	:China	Address of Applicant : AVENIDA DA PRAIA GRANDE NO.
(86) International Application No	:NA	401-415, EDIF, CHINA LAW, 15 ANDAR, B, MACAU CHINA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WONG KWOKFONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A METHOD AND DEVICE FOR OBTAINING A KEY

(57) Abstract :

The invention discloses a method and device for obtaining a key and belongs to the field of communication technology. The method comprising obtaining scan information by scanning a quick response QR code in a quick response key QRkey card, wherein the QR code includes a website link and a public key; opening a network platform page corresponding to the website link in the QR code; and obtaining a private key matching with the public key in the QR code and sending the private key to a user corresponding to the QRkey card, so that the user corresponding to the QRkey card can encrypt preset information by using the private key. The device comprises a first acquisition module, an open module and a second acquisition module. In the invention a public key and a private key can be obtained by scanning a QR code in a QRkey card, thus a simple and convenient method for obtaining a key is provided.

No. of Pages : 13 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A CLAMPING DEVICE FOR COUPLING SMOOTH TUBES TOGETHER IN LEAKTIGHT MANNER

	F1 (1 01/0 (
(51) International classification	:F16L21/06	(71)Name of Applicant :
(31) Priority Document No	:1353263	1)ETABLISSEMENTS CAILLAU
(32) Priority Date	:11/04/2013	Address of Applicant :28 RUE ERNEST RENAN - 92130,
(33) Name of priority country	:France	ISSY LES MOULINEAUX, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PREVOT, FABRICE
(87) International Publication No	: NA	2)RIGOLLET, NICOLAS
(61) Patent of Addition to Application Number	:NA	3)FOUQUERAY, CYRIAQUE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A CLAMPING DEVICE FOR COUPLING SMOOTH TUBES TOGETHER IN LEAKTIGHT MANNER The device comprises a sealing ring (10) that clamps around the facing ends of the two tubes, and that has first and second free ends, each of which is provided with a sealing arrangement (11A, 11A, 11B, 11B, 11C, 11C) suitable for coming into leaktight contact. First and second tightening lugs (12, 112) are fastened to the sealing ring (10) in the vicinities of said first and said second free ends (10A, 10B). The device has a bridge (20) covering the sealing arrangements, the bridge being mounted to be stationary relative to the first free end of the ring and suitable for sliding relative to the second free end of the ring.

No. of Pages : 29 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING THE REGENRATION OF A PARTICLE FILTER (51) International classification :C12L (71)Name of Applicant : **1)ROBERT BOSCH GMBH** (31) Priority Document No :102011006920.8 (32) Priority Date Address of Applicant : POSTFACH 30 02 20, 70442 :07/04/2011 (33) Name of priority country STUTTGART. GERMANY :Germany (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)DIANO, ALBERTO (87) International Publication No :NA 2)PAUL, JOACHIM (61) Patent of Addition to Application Number :NA **3)CICCARESE, PAOLO** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Described herein is a method for controlling the regeneration of a particle filter (42) in a exhaust gas channel (30) of an internal combustion engine (10), which in its air supply channel (20) comprises a throttle valve (24) and an exhaust gas recirculation (25) with an exhaust gas recirculation valve (26) between the air supply channel (20) and the exhaust gas channel (30). The method includes initiating and controlling the combustion of particles in a particle filter (42) during a regeneration process by intervention with air flow and additional fuel injections. In an implementation, the method is divided in a conventional regeneration phase (122) and in an extended regeneration phase (123) for fast oxidation of soot particles in the particle filter (42), wherein within the extended regeneration phase (123), post-injections (115, 116), as applied in the conventional regeneration phase (122), are omitted.

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

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF MANUFACTURING ATTACHED-TYPE PATCH ANTENNA FOR MOBILE TERMINAL AND METHOD OF MANUFACTURING ATTACHED-TYPE ANTENNA FOR MOBILE TERMINAL USING THE FORMER METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (87) International Publication Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Name 	 (71)Name of Applicant : 1)SS CO., LTD Address of Applicant :#620, Sibeom Gongdan, 58, Juyeom-ro, Nam-gu, Incheon, Korea. Republic of Korea (72)Name of Inventor : 1)OH, SEUNG-JU
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(57) Abstract :

Disclosed is a method of manufacturing an attached-type patch antenna for a mobile terminal. The method includes: (a) mounting a movable jig on a jig support board in a state where fixed pins, protruding from an upper surface of the jig support board, are aligned with insertion holes formed in the movable jig; (b) mounting a Ferrite sheet, which has a first adhesive layer on a surface thereof, on the movable jig; (c) forming a meandering pattern of a wire on the first adhesive layer on the Ferrite sheet; (d) removing the movable jig from the jig support board; and (e) applying a second adhesive layer onto the meandering pattern of the wire.

No. of Pages : 64 No. of Claims : 11

(21) Application No.3500/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : BRAKE FLUID PRESSURE CONTROL DEVICE :B60T8/34,F16F1/38,F16F15/08 (71)Name of Applicant : (51) International classification (31) Priority Document No :2011257770 1)Robert Bosch GmbH (32) Priority Date Address of Applicant :Wernerstrasse 1 Stuttgart D 70442 :25/11/2011 (33) Name of priority country :Japan Germany (86) International Application No: PCT/JP2012/078104 (72)Name of Inventor: Filing Date :31/10/2012 1)SAKAMOTO Takanori (87) International Publication No :WO 2013/077159 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The purpose of the present invention is to provide a brake fluid pressure control device which can be easily attached to a bracket of a vibration absorbing member. A brake fluid pressure control device (70) is equipped with a fluid pressure unit for controlling the fluid pressure of brake fluid supplied to braking parts so as to implement anti lock brake control a bracket (41) attached to a vehicle body and a supporting part (42) for supporting the fluid pressure unit said supporting part (42) being attached to openings (41d) formed in the bracket (41). The supporting part (42) is equipped with a fixed member (49) fixed to the fluid pressure unit and a first vibration absorbing member (51) and a second vibration absorbing member (52) which are situated between the fixed member (49) and the bracket (41). The first vibration absorbing member (51) has first hooking parts (51b) that hook to the openings (41d) so as to attach the first vibration absorbing member to the openings (41d). The second vibration absorbing member (52) is attached to the first vibration absorbing member (51) so as to sandwich the bracket (41) therebetween.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION (21) Application No.563/DEL/2012 A (19) INDIA (22) Date of filing of Application :29/02/2012 (43) Publication Date : 05/06/2015 (54) Title of the invention : BRAKE SYSTEMS FOR C-ARM POSITIONING DEVICES, APPARATUS CONTAINING THE SAME, AND METHODS FOR USING SUCH SYSTEMS (51) International classification :B61G (71)Name of Applicant : (31) Priority Document No 1) GENERAL ELECTRIC COMPANY :13/039076 (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, :02/03/2011 NEW YORK 12345, UNITED STATES OF AMERICA (33) Name of priority country :U.S.A. (86) International Application No :NA (72)Name of Inventor: Filing Date :NA **1)BARKER DAVID E.** (87) International Publication No :NA 2)SIMMONS JOHN MATTHEW

:NA

:NA

:NA

:NA

(57) Abstract : Systems and met

Filing Date

Filing Date

Systems and methods for using a brake system to selectively lock and release the vertical motion of a C-arm X-ray device that is part of a sliding counterbalanced C-arm positioning device are described. In such systems and methods, the C-arm positioning device typically includes a C-arm X-ray device, a linear bearing rail assembly, a linear bearing block, a counterbalance mechanism, and brake system. Generally, the C-arm is connected to the linear bearing block, which is slidably coupled to the bearing rail assembly to allow the bearing block and C-arm to slide up and down on the rail assembly. The counterbalance mechanism applies a force to the bearing block to substantially counterbalance the weight of the components, such as the C-arm, that are suspended from the bearing block. The brake system can be actuated to engage the linear bearing rail assembly and lock the vertical movement of the linear bearing block. Other embodiments are described.

3)BRUENING JAN

No. of Pages : 45 No. of Claims : 28

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HEAT EXCHANGER AND PRODUCTION METHOD

(51) International classification :F2	F28D20/02 (71)Name of Applicant :
(21) Driority Document No.	10 2013 1)Modine Manufacturing Company
(31) Filolity Document No 005	005 806.6 Address of Applicant :1500 DeKoven Avenue Racine, WI
(32) Priority Date :04	:04/04/2013 53403-2552 United States of America
(33) Name of priority country :Ge	:Germany 2)Mann+Hummel GmbH
(86) International Application No :NA	:NA (72)Name of Inventor :
Filing Date :NA	:NA 1)Klaus Kalbacher
(87) International Publication No : N	: NA 2)Rebecca Frey
(61) Patent of Addition to Application Number :NA	:NA 3)Gerrit-Tobias Speidel
Filing Date :NA	NA 4)Alexander Korn
(62) Divisional to Application Number :NA	:NA
Filing Date :NA	:NA

(57) Abstract :

HEAT EXCHANGER AND PRODUCTION METHOD ABSTRACT A stub connection for a heat exchanger that is arranged in a housing. The stub connection includes a first part which is fastened to the heat exchanger and a second part which has a stub shank extending through an opening in the housing and is seated in a hole of the first part. The stub connection also includes at least two seals. The first seal is an annular seal, which is seated in a groove of the stub shank and the second seal is a gasket, which is arranged between the opening, the stub shank, and the first part. The first seal is seated in the hole and seals between the stub shank and the first part.

No. of Pages : 15 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :02/04/2014

(54) Title of the invention : CONTACTLESS POSITION SENSOR AND CONTACTLESS POSITION SENSOR SYSTEM :G01B7/00 (71)Name of Applicant : (51) International classification 1)Tyco Electronics AMP GmbH :EP 13 163 (31) Priority Document No Address of Applicant :of Amp"restrasse 12 - 14, 64625 196.2 (32) Priority Date :10/04/2013 Bensheim, GERMANY. (33) Name of priority country (72)Name of Inventor: :EPO 1)WOLF. MARCO (86) International Application No :NA Filing Date :NA 2)RIEDER, MARTIN (87) 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 an improved contactless position sensor and a system incorporating same. Such a contactless position sensor comprises at least two sensor coils each comprising a magnetic permeable core and windings defining a coil axis. The at least two sensor coils are arranged with the coil axes essentially in parallel to each other. An electrical circuit of the sensor drives a predetermined alternating current within each of the at least two sensor coils and determines a high frequency voltage component of a voltage across each of the at least two sensor coils. The predetermined alternating current includes a low frequency current component. The electrical circuit detects the position of a ferromagnetic target by subtracting from each other amplitude levels of the high frequency voltage components of two of the determined voltages and by comparing the subtraction result to a pre-determined reference pattern.

No. of Pages : 34 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : YARN SPLICING DEVICE, WINDING UNIT, TEXTILE MACHINE AND YARN SPLICING METHOD

(51) International classification	:B65H69/06	(71)Name of Applicant :
(31) Priority Document No	:2013- 119107	1)MURATA MACHINERY, LTD. Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:05/06/2013	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Akira SAWADA
Filing Date	:NA	
(87) 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 yarn splicing device 10 includes a first gripping section 60A adapted to grip a yarn end YA, a first cutting section 70A adapted to cut the yarn end YA, a first untwisting section 40A adapted to introduce thereto the 10 yarn end YA that has been cut and to untwist the yarn end YA, a second gripping section 60B adapted to grip a yarn end YB, a second cutting section 70B adapted to cut the yarn end YB, a second untwisting section adapted to introduce thereto the yarn end YB that has been cut and to untwist 15 the yarn end YB, an adjusting section adapted to adjust a length of the yarn end YA to be introduced to the first untwisting section 40A and a length of the yarn end YB to be introduced to the second untwisting section 40B, a yarn splicing section 50 adapted to twist the untwisted yarn end YB together, and an independent actuator 29 adapted to open/close the first cutting section 70A and the second cutting section 70B.

No. of Pages : 43 No. of Claims : 10

(22) Date of filing of Application :15/07/2014

(21) Application No.5913/DELNP/2014 A

(43) Publication Date : 05/06/2015

(54) Title of the invention : LOW ALLOY STEEL

(57) Abstract :

A low alloy steel containing in mass% 0.01 to 0.15% C 3% or less Si 3% or less Mn 0.005 to 0.050% B and 0.08% or less Al the remainder being Fe and impurities wherein the impurities contain 0.01% or less N 0.05% or less P 0.03% or less S and 0.03% or less O. Said low alloy steel exhibits excellent resistance to embrittlement caused by hydrogen such as stress corrosion cracking in a wet hydrogen sulfide environment in a HAZ.

No. of Pages : 19 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : OPTIMISATION OF POWER PRODUCTION IN A WIND TURBINE AT BELOW RATED POWER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F03D7/04,F03D7/02,F03D11/00 :PA 2011 70762 :29/12/2011 :Denmark :PCT/DK2012/050461 :13/12/2012 o:WO 2013/097852 :NA :NA	 (71)Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor : 1)ANDERSEN Asger Svenning 2)THOMSEN Jesper Sandberg 3)KRISTOFFERSEN Jacob Krogh 4)OLESEN Ib Svend 5)ROMBLAD Jonas
Number Filing Date	:NA :NA	

(57) Abstract :

The rotor blades of a wind turbine each have a plurality of fibre optic pressure variation sensors which can detect the onset of a stall condition. The output of the stall condition sensors is input to a stall count circuit which increases a stall count signal each time a stall indication is received. The stall count signal is decayed exponentially over time and the current signal is summed with the decayed signal from a previous sampling period to form a value from which a stall margin is determined. An : curve of tip speed to wind speed ratio against pitch angle reference is then determined from the stall margin.

No. of Pages : 21 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :01/04/2014

(54) Title of the invention : METHOD AND DEVICE FOR POST ADAPTION OF A DATA-BASED FUNCTIONAL MODEL

(51) International classification:G06N5/02(31) Priority Document No:10 2013(32) Priority Date:27/05/2013(33) Name of priority country:Germany(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Data:NA	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20, 70442 Stuttgart Germany (72)Name of Inventor : 1)LANG, Tobias 2)MARKERT, Heiner 3)HANSELMANN, Michael
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(57) Abstract :

The present subject matter relates to a method for post adaption of an at least partially data-based functional model, which corresponds to a sum of a particular data-based base function model and an additive error model, comprising the following steps: - providing (S1) the base function model; - detecting (S2) training data; - determining (S4) the additive error model based on differential training data, which represents the differences between the measured values of the training data and the function values of the base function model at the measurement points of the training data; - modifying (S3, S7) the training data and/or the additive error model, so that function values of the function model remains within a given adaptation range (A).

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :03/04/2014

(54) Title of the invention : ADSORBENT HAVING UTILITY FOR CO2 CAPTURE FROM GAS MIXTURES

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:13/857,385	Address of Applicant :7 Commerce Drive, Danbury, CT
(32) Priority Date	:05/04/2013	06810, United States of America
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)CARRUTHERS, J. Donald
Filing Date	:NA	2)PETRUSKA, Melissa A.
(87) International Publication No	: NA	3)WILSON, Shaun M.
(61) Patent of Addition to Application Number	:NA	4)STURM, Edward A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A carbon pyrolyzate adsorbent is described that is selective for carbon dioxide in contact with gas mixtures including carbon dioxide and methane. The adsorbent has a carbon dioxide adsorbent capacity at 1 bar pressure of greater than 50 cm3 carbon dioxide per gram of adsorbent at 273K, a methane adsorption capacity at 1 bar pressure of less than 35 cm3 methane per gram of adsorbent at 21°C, and a bulk density of greater than 0.55 gram per cubic centimeter of volume. Such adsorbent can be utilized, for example, for biogas upgrading, natural gas purification, coal bed methane purification, and refining operations.

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

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : HEAT EXCHANGER AND PRODUCTION METHOD

(51) International classification :F28D20	/02 (71)Name of Applicant :
(31) Priority Document No. :10 2013	1)Modine Manufacturing Company
(31) Flority Document No 005 796.	5 Address of Applicant :1500 DeKoven Avenue Racine, WI
(32) Priority Date :04/04/2	013 53403-2552 United States of America
(33) Name of priority country :German	y 2)Mann+Hummel GmbH
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)Klaus Kalbacher
(87) International Publication No : NA	2)Rebecca Frey
(61) Patent of Addition to Application Number :NA	3)Gerrit-Tobias Speidel
Filing Date :NA	4)Alexander Korn
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

HEAT EXCHANGER AND PRODUCTION METHOD ABSTRACT A stub connection for a heat exchanger that is arranged in a housing and has a stack including plates and fins. The housing consists of housing parts which can be joined together, and at least one first stub for a first heat-exchanging medium being integrated directly into the housing. The stub connection also includes at least one second stub for a second heat-exchanging medium that extends to outside the housing. The at least one second stub is configured for the connection of a line and is integrated directly or indirectly into the housing.

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

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : A SYSTEM AND METHOD WITH GEO LOCATION TRIGGERING AUTOMATIC ACTION				
(51) International classification(31) Priority Document No	:G01S19/51 :13/860,563	(71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC.		
(32) Priority Date(33) Name of priority country	:11/04/2013 :U.S.A	Address of Applicant :101 Columbia Road, P. O. Box 2245, Morristown N L 07962-2245 United States of America		
(86) International Application No	:NA	(72)Name of Inventor :		
(87) International Publication No	:NA : NA	1)WILLIAM R. BLUM		
(61) Patent of Addition to Application Number Filing Date	:NA :NA			
(62) Divisional to Application Number Filing Date	:NA :NA			

(57) Abstract :

An apparatus a GPS device that tracks a current location of a user relative to a home of the user and a cloud application that tracks the current location of the user via the GPS device, the cloud application estimates a time period required for the user to travel from the current location to the home and upon detecting that the time is less than a threshold value, automatically sends an activating signal to an HVAC unit in the home of the user to activate the unit.

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

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 05/06/2015

(51) International classification	:B26B 21/60	(71)Name of Applicant :
(31) Priority Document No	:12/504,991	1)THE GILLETTE COMPANY
(32) Priority Date	:17/07/2009	Address of Applicant :WORLD SHAVING
(33) Name of priority country	:U.S.A.	HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT -3E,
(86) International Application No	:PCT/US2010/041304	ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
Filing Date	:08/07/2010	U.S.A
(87) International Publication No	:WO 2011/008617	(72)Name of Inventor :
(61) Patent of Addition to Application	·NIA	1)MADEIRA, JOHN
Number		2)SONNENBERG, NEVILLE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ATOMIC LAYER DEPOSITION COATINGS ON RAZOR

(57) Abstract :

A novel application of the atomic layer deposition (ALD) process for producing a conformal coating on a razor blade is disclosed where a uniform, conformal, dense coating is deposited on an entire surface of a blade flank and at least a portion or an entire surface of a blade body. To improve the shaving ability of the coated blade edge (e.g., decrease the blade tip radius), the ALD-produced coating may be etched during, after, or both during and after, the ALD process.

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : ERROR PREDICTION FOR TWO-STAGE RECEIVERS

 (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 	:H04N :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO, FINLAND. (72)Name of Inventor : 1)KALYANASUNDARAM, SURESH 2)NACABAL SURDSH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)NAGARAJ, SHIRISH 3)RAMAKRISHNA, RAGHAVENDRA MADANAHALLY

(57) Abstract :

Apparatus, methods, and programs products are disclosed that perform the following techniques: in a receiver comprising first and second stages, each stage at least decoding information corresponding to a user equipment, wherein the second stage performs decoding only if the first stage completes decoding with a fail, predicting whether decoding performed by the second stage for the user equipment will complete with a pass or fail; and prior to completion of the second stage, sending an indication of the predicted pass or fail to the user equipment.

No. of Pages : 37 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : TREATMENT OF INFLAMMATORY DISORDERS CARDIOVASCULAR DISEASES AND ACUTE ISCHEMIC BRAIN STROKE WITH OZONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A01K :61/269,090 :19/06/2009 :U.S.A. :PCT/US2010/001785	 (71)Name of Applicant : 1)ACQUISCI INC. Address of Applicant :400 Fourth Avenue Belmar NJ 07719 United States of America. (72)Name of Inventor : 1) Iscente S. J. ATINIO
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:21/06/2010 : NA :NA :NA :NA :NA	1)Joseph S. LATINO 2)Steven A. KEYSER

(57) Abstract :

Methods of treating mammalian subjects suffering from or believed to be suffering from acute ischemic brain stroke cardiovascular disease inflammatory disease or any of the conditions or symptoms related to those diseases are disclosed in which a biological fluid withdrawn from the subject is processed through an ozone delivery system to deliver a measured amount of ozone to the biological fluid to produce a treated fluid that has a quantifiable absorbed-dose of ozone which upon re-introduction of the treated fluid containing the quantifiable absorbed-dose of ozone to the subject effectively treats any number of described disease conditions and symptoms. Methods for manufacturing medicaments for treatment of acute ischemic brain stroke cardiovascular disease inflammatory disease or any of the conditions or symptoms related to those diseases are also disclosed.

No. of Pages : 66 No. of Claims : 22

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : STEERABLE CATHETER				
(51) International classification	:B27D	(71)Name of Applicant :		
(31) Priority Document No	:13/037,874	1)SANOVAS INC.		
(32) Priority Date	:01/03/2011	Address of Applicant :85 LIBERTY SHIP WAY, SUITE 110 -		
(33) Name of priority country	:U.S.A.	B SUASALITO, CA 94965 UNITED STATES OF AMERICA.		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)ERHAN H. GUNDAY		
(87) International Publication No	:NA	2)LAWRENCE J. GERRANS		
(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 steerable catheter device and method of using the same comprising a catheter body having a distal section. The distal section of the catheter body has an inner lumen, and one or more steering lumen radially offset from the inner lumen. The steering lumen comprise a first end having a first diameter and a second end having a second diameter smaller than the first diameter. A fluid source is in fluid communication with the steering lumen for supplying fluid thereto to radially distend the first end of the steering lumen such that the catheter body bends away from the steering lumen. In some cases, a vacuum is supplied to an opposite lumen to further assist bending of the catheter body. The inner lumen may include a porous material that is utilized to clean an instrument, such as an imaging device, movably disposed in the inner lumen.

No. of Pages : 44 No. of Claims : 44
(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : POLYMER PROCESS AND COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C08F222/14,C08L35/02,C09D135/02 :12153842.5 :03/02/2012 :EPO :PCT/EP2013/052173	 (71)Name of Applicant : (71)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)NABUURS Tijs 2)OVERBEEK Gerardus Cornelis 3)STUBBS Leffrey
(32) Priority Date	.12155642.5	Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)NABUURS Tijs
(86) International Application No Filing Date	:PCT/EP2013/052173 :04/02/2013	2)OVERBEEK Gerardus Cornelis3)STUBBS Jeffrey4)GEBHARD Matthew Stewart
(87) International Publication No	:WO 2013/113937	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There are described vinyl sequential copolymers (and processes for making them) comprising (a) at least 8. 5 wt % preferably >=20 wt % of a higher itaconate diester (preferably dibutyl itaconate DBI); (b) less than 23 wt % acid monomer but also sufficient to have an acid value less than 150 mg KOH/g of polymer (c) optionally with less than 50 wt % of other itaconate monomers and (d) optionally less than 77 wt % of other monomers not (a) to (c). The DBI may be biorenewable. One embodiment is an aqueous dispersion of the vinyl sequential polymer of two phases: A) 40 to 90 wt % of a vinyl polymer A with Tg from 50 to 30° C; and B) 10 to 60 wt % of a vinyl polymer B with Tg from 50 to 130° C; where DBI is used to prepare A and/or B and polymer A has from 0.1 to 10 wt % of at least one acid functional olefinically unsaturated monomer.

No. of Pages : 76 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(51) International classification	:C08L23/08,H01B1/24	(71)Name of Applicant :
(31) Priority Document No	:12001032.7	1)BOREALIS AG
(32) Priority Date	:16/02/2012	Address of Applicant : IZD Tower Wagramerstrae 17 19 A
(33) Name of priority country	:EPO	1220 Wien Austria
(86) International Application No	:PCT/EP2013/000283	(72)Name of Inventor :
Filing Date	:31/01/2013	1)MALIK Muhammad Ali
(87) International Publication No	:WO 2013/120582	2)SVANBERG Christer
(61) Patent of Addition to Application	٠NIA	3)GKOURMPIS Thomas
Number	·NA	4)UEMATSU Takashi
Filing Date	.INA	5)CARLSSON Roger
(62) Divisional to Application Number	:NA	6)THORN Niklas
Filing Date	:NA	7)–STLUND Jenny Ann

(54) Title of the invention : SEMI CONDUCTIVE POLYMER COMPOSITION

(57) Abstract :

The present invention relates to a semi conductive polymer composition the present invention provides a semi conductive polymer composition comprising an ethylene copolymer comprising polar co monomer units; an olefin homo or copolymer; and a conductive filler; wherein the olefin homo or copolymer has a degree of crystallinity below 20%. The invention also relates to a wire or cable comprising said semi conductive polymer composition and to the use of said composition for the production of a layer preferably a semi conducting shield layer of a wire or cable.

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

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR HANDLING WIND TURBINE COMPONENTS DURING TRANSPORT AND ASSEMBLY

 (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 	:B66C1/10,F03D1/00 :NA :NA :NA :PCT/DK2011/050516 :22/12/2011 :WO 2013/091632 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor : 1)FRIIS Jesper Fyhn
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(57) Abstract :

A method for handling wind turbine sub assemblies (14 16) includes coupling a connecting device (44) to a connector (46) of a hoisting device at a first connection interface of the connecting device; coupling a first wind turbine sub assembly to the connecting device at a second connection interface (60) of the connecting device; moving the first wind turbine sub assembly with the hoisting device; coupling a second wind turbine sub assembly different than the first wind turbine sub assembly to the connection device at a third connection interface (76) of the connecting device; and moving the second wind turbine sub assembly with the hoisting device. An apparatus (26) for handling wind turbine sub assemblies is also disclosed.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

 (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 	:H04L5/00 :13/361210 :30/01/2012 :U.S.A. :PCT/EP2013/051713 :30/01/2013 :WO 2013/113712 :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SOLUTIONS AND NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)FREDERIKSEN Frank 2)SKOV Peter
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : SEARCH SPACE ARRANGEMENT FOR CONTROL CHANNEL

(57) Abstract :

Control channels can benefit from a search space arrangement. For example an evolved or enhanced physical downlink control channel (E PDCCH) in the long term evolution advanced (LTE A) physical layer can benefit in its design from a search space arrangement. A method can include indicating a control channel search space by a pair of parameters. The pair of parameters can include a physical resource block index and an explicit control channel element index. The method can also include transmitting on the control channel within the search space.

No. of Pages : 28 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : COUPLING DEVICE FOR CIRCUIT BREAKER :H01H19/14 (71)Name of Applicant : (51) International classification 1)LSIS CO., LTD. :10-2013-(31) Priority Document No Address of Applicant :1026-6, Hogye-Dong, Dongan-Gu, 0057370 :21/05/2013 Anyang-Si, Gyeonggi-Do, Korea Republic of Korea (32) Priority Date :Republic of (72)Name of Inventor : (33) Name of priority country Korea 1)Ki Ho BAEK (86) International Application No :NA Filing Date :NA (87) 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 :

Disclosed is a coupling device for a circuit breaker. A third coupler formed as a curved surface is provided between a first coupler coupled to an outer handle assembly, and a second coupler coupled to an inner handle. Under such configuration, even if the inner handle and the outer handle assembly are not concentric with each other, the third coupler may transmit a rotational force applied to the first coupler to the second coupler in a direction perpendicular to a shaft direction of the second coupler, in a state where the third coupler is inclined from an upper surface of the circuit breaker body. As a result, a userTMs force to rotate the outer handle can be transmitted to the inner handle. This can prevent a malfunction of the circuit breaker, and thus can enhance reliability of the circuit breaker.

No. of Pages : 31 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : HOLLOW DRILLING STEEL ROD AND METHOD OF MANUFACTURING THE SAME :B44C (71)Name of Applicant : (51) International classification 1)MITSUBISHI MATERIALS CORPORATION :2011-(31) Priority Document No Address of Applicant :3-2, OTEMACHI 1-CHOME, 033941 :18/02/2011 CHIYODA-KU, TOKYO, JAPAN (32) Priority Date 2)DAIDO STEEL CO. LTD. (33) Name of priority country :Japan (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)HISADA MASAYA (87) International Publication No :NA 2)HIWASA YONEO (61) Patent of Addition to Application Number :NA **3)NAGASE SATOSHI** Filing Date :NA 4) TAKAHATA NORITAKA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a hollow drilling steel rod including a stem portion and a thread portion positioned at an end portion in an axial direction with respect to the stem portion, the hollow drilling steel rod being constituted of a steel having a specific composition described in the present specification, in which the thread portion includes a thread having been subjected to a high frequency quenching, and the thread portion and the stem portion separate from each other have been joined by a friction welding.

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : SEPARATION APPARATUS FOR TUBULAR FLOW-THROUGH APPARATUSES (51) International classification :B61G (71)Name of Applicant : (31) Priority Document No 1)ESK Ceramics GmbH & Co. KG :NA (32) Priority Date Address of Applicant :Max-Schaidhauf-Strasse 25 87437 :NA (33) Name of priority country Kempten Germany :NA (86) International Application No 2)Maersk Olie og Gas AS :PCT/EP2009/005257 (72)Name of Inventor : Filing Date :20/07/2009 (87) International Publication No : NA 1)M¹/₄ssig Siegfried (61) Patent of Addition to Application 2)Wahrmann Klaus :NA Number 3)Wildhack Stefanie :NA Filing Date 4)Holzm¹/₄ller Bernhard (62) Divisional to Application Number :NA **5)Joly Samuel** Filing Date :NA

(57) Abstract :

The subject matter of the invention is a separating device for tubular flow-through devices (22) which serve for the extraction of liquids or gases from wells drilled in rock or deep wells the separating device being suitable for the removal of sand and rock particles

No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(21) Application No.560/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :29/02/2012
(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING AN ENERGY USAGE PROFILE FOR AN ELECTRICAL DEVICE

	G11D	
(51) International classification :	:GIIB	(71)Name of Applicant :
(31) Priority Document No :	:13/047,596	1)GENERAL ELECTRIC COMPANY
(32) Priority Date :	:14/03/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country :	:U.S.A.	NEW YORK 12345, U.S.A
(86) International Application No :	:NA	(72)Name of Inventor :
Filing Date :	:NA	1)ALEXANDER, GEORGE WILLIAM
(87) International Publication No :	:NA	2)BOOT, JOHN CHRISTOPHER
(61) Patent of Addition to Application Number :	:NA	
Filing Date :	:NA	
(62) Divisional to Application Number :	:NA	
Filing Date :	:NA	

(57) Abstract :

A system (100) for generating an energy usage profile of an electrical device (108) is provided. The system includes a meter (104) configured to measure electric energy usage, a memory area (110) for storing an energy usage profile corresponding to one or more electrical devices associated with the electric meter, and at least one processor (112). The processor is programmed to receive (202) a request to turn off power to each of the one or more electrical devices associated with the meter, receive (204) a request to turn on a first electrical device of the one or more electrical devices, obtain (206) a ramp up waveform (302) of energy usage of the first electrical device, convert (208) the ramp up waveform to a digital signature, and store (210) the ramp up digital signature of the first electrical device in the memory area.

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

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BLADE INSERT FOR A WIND TURBINE ROTOR BLADE AND RELATED METHODS

(51) International classification (31) Priority Document No	B27D NA	(71)Name of Applicant : 1)General Electric Company
(32) Priority Date ::	NA	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	NA	12345 U.S.A.
(86) International Application No ::	NA	(72)Name of Inventor :
Filing Date ::	NA	1)BUSBEY Bruce Clark
(87) International Publication No :	NA	2)VEDULA Ramesh
(61) Patent of Addition to Application Number :	NA	3)HERR Stefan
Filing Date :	NA	4)MURUGAPPAN Revathy
(62) Divisional to Application Number :	NA	5)BALUSU Satish
Filing Date ::	NA	6)FISCHETTI Thomas Joseph

(57) Abstract :

A method for retrofitting a rotor blade of a wind turbine is disclosed. The method may generally include cutting the rotor blade at a specified location in order to form a root segment and a tip segment and positioning a blade insert between the root segment and the tip segment

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : TUNNEL ARRANGEMENT FOR A FLOOR ASSEMBLY OF A VEHICLE BODY, AND A FLOOR ASSEMBLY

(51) International classification	:B62D29/00	(71)Name of Applicant :
(31) Priority Document No	:10 2013 103 729.1	1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft Address of Applicant :Porscheplatz 1, 70435 Stuttgart
(32) Priority Date	:15/04/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)BECHTLER, Frank
Filing Date	:NA	2)ADAMSKI, Pawel
(87) International Publication No	: NA	3)K–HR, Robert
(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 tunnel arrangement for a floor assembly (2) of a vehicle body, having a front and a rear tunnel section (24, 26), characterized in that a tunnel bridge (27) is provided for increasing stiffness. The invention likewise relates to a floor assembly having a tunnel arrangement of said type.

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

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED AEROSTAT SYSTEM			
(51) International classification	:B64B1/66,B64B1/06,B64B1/52	(71)Name of Applicant :	
(31) Priority Document No	:61/587338	1)ALTAEROS ENERGIES INC.	
(32) Priority Date	:17/01/2012	Address of Applicant :337 Summer Street Floor O Boston MA	
(33) Name of priority country	:U.S.A.	02210 U.S.A.	
(86) International Application No	:PCT/US2013/021837	(72)Name of Inventor :	
Filing Date	:17/01/2013	1)LANFORD Ephraim R.	
(87) International Publication No	:WO 2013/109689	2)VERMILLION Christopher R.	
(61) Patent of Addition to	•N A	3)GLASS Benjamin W.	
Application Number			
Filing Date	.INA		
(62) Divisional to Application	NT A		
Number	:INA		
Filing Date	:NA		

(57) Abstract :

The invention provides an improved aerostat system including an aerostat multiple tether groups and a base station. Spatially distinct tether groups allow for improved stability and controllability over a wide range of wind conditions. Independent actuation of the tether groups allows for control of the aerostat pitch and roll angle. A rotating platform including rails to rest the aerostat allows docking without auxiliary tethers minimizing or eliminating the ground crew required to dock traditional aerostat systems. An optional controller allows remote or autonomous operation of the aerostat system. The invention is intended to extend the flight envelope in which aerostat systems can safely operate.

No. of Pages : 24 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 05/06/2015

 (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 	:F25B :2009-156538 :01/07/2009 :Japan :PCT/JP2010/061118 :30/06/2010 : NA :NA	 (71)Name of Applicant : 1)IBIDEN CO. LTD. Address of Applicant :1 Kandacho 2-Chome Ogaki-shi Gifu 503-8604 Japan (72)Name of Inventor : 1)Junichi SUGINO 2)Tsutomu YAMAZAKI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : MAT MATERIAL AND EXHAUST GAS PROCESSING APPARATUS

(57) Abstract :

In the present invention there is provided a mat material including a glass fiber. The glass fiber includes 52 to 62% by weight of SiO2 9 to 17% by weight of Al2O3 17 to 27% by weight of CaO 0 to 9% by weight of MgO 0 to 4% by weight of TiO2 and 0 to 5% by weight of ZnO. The glass fiber includes substantially no B2O3. The glass fiber includes 0 to 2% by weight of a total sum of Na2O + K2O. The mat material is interposed between an upper base and a lower base.

No. of Pages : 45 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BATTERY SYSTEM		
(51) International classification	:F21Q	(71)Name of Applicant :
(31) Priority Document No	:2011- 044315	1)HITACHI LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:01/03/2011	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YAMAUCHI SHIN
Filing Date	:NA	2)FUTAMI MOTOO
(87) International Publication No	:NA	3)TAKEDA KENJI
(61) Patent of Addition to Application Number	:NA	4)UCHIDA TAKESHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Even if requirements for any scale of system constructions occur, a battery system of flexibly responding to the requirements is provided. The battery system comprising a battery module having a plurality of battery cells being connected, a battery pack having a plurality of battery modules being connected either in series or in parallel or both in series and in parallel, and a battery block having a plurality of battery packs being connected either in series or in parallel or both in series and in parallel. They are mutually layered. In the battery system, the battery module, the battery pack, and the battery block are previously prepared as variations of layered basic units. In response to requirements for any scale of system constructions, the basic units are combined accordingly.

No. of Pages : 59 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : BLADE INSERT FOR A WIND TURBINE ROTOR BLADE AND RELATED METHODS

(51) International classification:B27(31) Priority Document No:NA	D (71)Name of Applicant : 1)General Electric Company
(32) Priority Date :NA	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country :NA	12345 U.S.A
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)BUSBEY Bruce Clark
(87) International Publication No : NA	2)VEDULA Ramesh
(61) Patent of Addition to Application Number :NA	3)HERR Stefan
Filing Date :NA	4)MURUGAPPAN Revathy
(62) Divisional to Application Number :NA	5)BALUSU Satish
Filing Date :NA	6)FISCHETTI Thomas Joseph

(57) Abstract :

A blade insert for coupling a first blade segment to a second blade segment is disclosed. The blade insert may include an aerodynamic body extending between a first end configured to be coupled to the first blade segment and a second end configured to be coupled to the second blade segment. The aerodynamic body may include a pressure side and a suction side extending between a leading edge and a trailing edge. In addition the aerodynamic body may define a chord wherein the chord at the first end is substantially equal to the chord at the second end.

No. of Pages : 40 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 05/06/2015

(54) Title of the invention : INTERLEAVED PLANAR INDUCTIVE DEVICE AND METHODS OF MANUFACTURE AND USE (51) International classification :H01E27/28 (71)Name of Applicant :

(51) International classification	:H01F27/28	(71)Name of Applicant :
(31) Priority Document No	:61/810,654	1)Pulse Electronics, Inc.
(32) Priority Date	:10/04/2013	Address of Applicant :12220 World Trade Drive, San Diego,
(33) Name of priority country	:U.S.A.	California 92128, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WANG Xianfeng
(87) International Publication No	: NA	2)HONGZHONG Ma
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A low cost, high performance electronic device for use in electronic circuits and methods. In one exemplary embodiment, the device includes an interleaved flat coil arrangement that ensures low leakage inductance while using a smaller number of 10 flat coil windings compared to prior art devices. The flat coil windings further include features that are coniigured to mate wit11 the header asseillebly terminal pins which substantially simplify the manufacturing process. Methods for manufacturing the device are also disclosed.

No. of Pages : 28 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONVENIENT PATIENT TRANSFER SYSTEM VIA PULLEY

		(71)Name of Applicant :
(51) International classification	:A61G7/053,	1)Shah Parin Kamalkumar
(51) International classification	A61G7/10	Address of Applicant :C/11 Gokul Appartment, B/H Manav
(31) Priority Document No	:NA	Kalyan Garden, Uttamnagar, Maninagar, Ahmedabad-380008
(32) Priority Date	:NA	Gujarat, India.
(33) Name of priority country	:NA	2)Dr. Vasani Rupesh Parmanand
(86) International Application No	:NA	3)Jain Anjil Anvin
Filing Date	:NA	4)Bhavsar Swapnil Chandrakant
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Shah Parin Kamalkumar
Filing Date	:NA	2)Dr. Vasani Rupesh Parmanand
(62) Divisional to Application Number	:NA	3)Jain Anjil Anvin
Filing Date	:NA	4)Bhavsar Swapnil Chandrakant
		5)Patel Bhupendra Laljibhai

(57) Abstract :

The present invention of [~]Convenient Patient Transfer System via Pulley[™] is a specially designed patient transfer system. The specially designed stretchers are used along with pulleys. The stretcher slides over these pulleys and pulleys are supported on the specially designed frames

No. of Pages : 8 No. of Claims : 3

(21) Application No.1146/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L 12/58 :201210408510.3 :24/10/2012 :China	 (71)Name of Applicant : 1)WWTT TECHNOLOGY CHINA Address of Applicant :Block HHe shan World Fair Electronics Technology Limited New Material Base Gonghe Town Heshan
 (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 	:PCT/CN2013/071003 :25/01/2013 :WO 2014/063455 :NA :NA :NA :NA	City Jiangmen Guangdong 529728 China (72)Name of Inventor : 1)WONG Kwok fong 2)CHING Pui yi

(54) Title of the invention : INSTANT MESSAGING METHOD AND SYSTEM

(57) Abstract :

Disclosed are an instant messaging method and system. The present invention relates to the technical field of communications. The method comprises: an instant message sending end acquiring fingerprint information of an instant message receiving end and authenticating an identity of the instant message receiving end by using the fingerprint information of the instant message receiving end; after the successful authentication of the identity of the instant message receiving end the instant message sending end generating audio/video information and encrypting the audio/video information to obtain the encrypted audio/video information; the instant message receiving end sending the encrypted audio/video information to the instant message receiving end so that the instant message receiving end receives and decrypts the audio/video information to obtain and display the audio/video information. The system comprises an instant message sending end. By means of the present invention the privacy of instant messaging information such as audios and videos can be well protected and the security is improved.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

:H04B 7/04 (71)Name of Applicant : (51) International classification 1)WWTT TECHNOLOGY CHINA (31) Priority Document No :201210437850.9 (32) Priority Date Address of Applicant :Block H He Shan World Fair :07/11/2012 (33) Name of priority country :China Electronics Technology Limited New Material Base Gonghe (86) International Application No :PCT/CN2013/070995 Town Heshan Jiangmen Guangdong 529728 China Filing Date :25/01/2013 (72)Name of Inventor : (87) International Publication No :WO 2014/071703 1)WONG Kwok Fong (61) Patent of Addition to Application 2)CHING Pui Yi :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMMUNICATION INFORMATION TRANSMISSION METHOD AND SYSTEM

(57) Abstract :

Disclosed are a communication information transmission method and system which belong to the technical field of communications. The method comprises: acquiring fingerprint information about a selected communication information receiving end and performing identity authentication on the communication information receiving end using the fingerprint information about the communication information receiving end; after the identity authentication performed on the communication information receiving end succeeds acquiring communication information input by a user wherein the communication information is an E mail or a short message (SMS); and sending the communication information to a FingerQ information exchange platform to encrypt the communication information and sending the encrypted communication information to the communication information receiving end. The system comprises: a communication information sending end and the FingerQ information exchange platform. By means of the present invention the communication information is not easily acquired by any third party and the acquired communication information is encrypted thereby improving the security.

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

(22) Date of filing of Application :12/06/2013

(54) Title of the invention : DEVICE AND PROCESS OF MAKING NANOPARTICLE DRUG COMPLEXES

 (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 	:A61K31/00, A61K9/00 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY, (DEEMED UNIVERSITY) Address of Applicant :GIRINAGAR, P.O, PUNE, MAHARASHTRA, INDIA (72)Name of Inventor : 1)Tejashree Madhav Bhave 2)Dhananjay Bodos
 (61) Patent of Addition to Application Number	:NA	3)V. Naresh Kumar
Filing Date (62) Divisional to Application Number	:NA	4)Sanjay Harivijay Sahare
Filing Date	:NA	5)Sunil Chandel

(57) Abstract :

ABSTRACT TITLE.: DEVICE AND PROCESS OF MAKING NANOPARTICLE DRUG COMPLEXES A device and process for forming small scale nanoparticle drug complexes from different liquids that are mixable in predefined proportion using a magnetic stirrer is disclosed. The device includes a micromixer defined in PDMS (Polydimethylsiloxane) that is positioned on the magnetic stirrer. The micromixer made of PDMS includes a cylindrical chamber having at least two inlets for receiving liquids in the chamber and an outlet for collecting mixed liquids. A first syringe received in a first inlet and a second syringe is received in a second inlet for injecting respective liquids into the chamber through respective inlets. A microactuator defined by a PDMS (Polydimethylsiloxane) film with dispersed iron oxide nanoparticles is positioned centrally in the cylindrical chamber that is activable by the magnetic stirrer.



No. of Pages : 19 No. of Claims : 15

(21) Application No.1150/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(51) International classification	:G08C 17/00	(71)Name of Applicant :
(32) Priority Date	:07/11/2012	Address of Applicant :Block H He Shan World Fair
(33) Name of priority country(86) International Application No	:China :PCT/CN2013/071005	Electronics Technology Limited New Material Base Gonghe Town Heshan Jiangmen Guangdong 529728 China
Filing Date (87) International Publication No	:25/01/2013 :WO 2014/071704	(72)Name of Inventor : 1)WONG Kwok Fong
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)CHING Pui Yi
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : WORKS TRANSMISSION METHOD AND SYSTEM

(57) Abstract :

Disclosed are a works transmission method and system which belong to the technical field of communications. The method comprises: a works sending end exchanging a key with a works receiving end via a FingerQ platform; and the works sending end sending works to the FingerQ platform so as to enable the FingerQ platform to encrypt the works and to obtain and send the encrypted works to the works receiving end. The system comprises: the works sending end and the FingerQ platform. The works sending end of the present invention exchanges a key with the works receiving end via a FingerQ platform and the FingerQ platform encrypts the works of the works sending end and then sends same to the works receiving end so that the works are not easily acquired by a third party. In addition the acquired works are encrypted so that the works are well protected and are thereby secured.

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

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 05/06/2015

(51) International classification	:B60J5/04, E05B17/06	(71)Name of Applicant : 1)GODREJ & BOYCE MFG. CO. LTD.
(31) Priority Document No	:NA	Address of Applicant :LOCKS DIVISION (PLANT-18)
(32) Priority Date	:NA	PIROJSHANAGAR, VIKHROLI, MUMBAI - 400 079
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHANTANU AVINASH PANSE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A LOGO MOUNTING ASSEMBLY FOR DOOR LOCKS

(57) Abstract :

Present invention discloses a logo mounting assembly for door locks comprising: a logo (1) having a notch (la) at the bottom circumference of the logo (1), a logo base for mounting of the logo (1), a spring (3) fitted on the first cylindrical limb (2b), a push clip (4) fitted on the second cylindrical limb (2c) and a pair of projections (5a) being provided on lock body (6) of the door lock. The logo base (2) comprises disc shaped body (2) having protrusion (2a) on upper surface of the disc shaped body (2), the disc shaped body (2) consists two slots (2d) being placed at 180° apart, the logo (1) is placed on the disc shaped body (2) such that the protrusion (2a) gets fitted into the notch (la) of the logo (1), first cylindrical limb (2b) being connected to the centre of the disc shaped body (2) and second cylindrical limb (2c) being connected to the first cylindrical limb (2b), the diameter of the second cylindrical limb (2c). The push clip (4) comprises three projected lungs (4a, 4b, 4c) for ensuring firm fitting of the push clip (4) in the second cylindrical limb (2c). The projections (5a) get fitted into two slots (2d) of the disc shaped body (2) such that the logo base is rotatable in clockwise direction by 180° to enable change of alignment of the logo (1) according to alignment of the door lock.



No. of Pages : 15 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : MEDIA PERIPHERAL INTERFACE, ELECTRONIC DEVICE WITH MEDIA PERIPHERAL INTERFACE, AND COMMUNICATION METHOD BETWEEN PROCESSOR AND PERIPHERAL DEVICE

 (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 (22) Divisional to Application Number 	:G06F13/42,G06F1/08 :61/746,337 :27/12/2012 :U.S.A. :NA :NA :NA :NA	 (71)Name of Applicant : 1)MediaTek Inc. Address of Applicant :No. 1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 300, Taiwan, R.O.C. Taiwan (72)Name of Inventor : 1)Tsung-Huang CHEN 2)Li-Chun TU 3)Wen-Chi CHAO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A media peripheral interface for communication between a processor and a peripheral device includes a clock port, a plurality of data I/Os, and a data strobe port. The clock port is operative to transfer a clock signal to the peripheral device. The data I/Os are provided for command transfer to the peripheral device and for data transfer to and from the peripheral device. The data strobe port is operative to transfer a data strobe signal to or from the peripheral device according to an instruction that the processor issues to the peripheral device. According to the clock signal, command information transferred via the data I/Os is captured. According to rising edges and falling edges of the data strobe signal, data transferred via the data I/Os are captured.



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

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q30/00 :10-2010-0117274 :24/11/2010 :Republic of Korea :PCT/KR2011/009041	 (71)Name of Applicant : 1)KIM Sung wan Address of Applicant :#101 Bon dong Revilige 61 3 Imae dong Bundang gu Sungnam si Gyeonggi do 463 829 Republic of Korea
Filing Date	:24/11/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/070899	1)KIM Sung wan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ONLINE ADVERTISING METHOD USING A FREE ADVERTISING WEBSITE

(57) Abstract :

The present invention relates to an online advertising method using a free advertising website comprising: a first step of enabling the free advertising website to join as a member using a user terminal so as to provide or view an advertisement; a second step of accessing the free advertising website checking the advertisement posted on the first page of the website and executing either an advertisement posting category or an advertisement search category provided by the free advertising website using the user terminal; a third step of if the advertisement posting category is selected being activated as an advertisement provider posting an advertisement and paying points for the posted advertisement and questionnaire on the advertisement wherein the posted advertisement and the questionnaire are stored in a database and the posted advertisement is automatically stored in a personal blog; and a fourth step of if the advertisement search category is selected being activated as an advertisement viewer searching advertisement and viewing the found advertisement answering the questionnaire on the advertisement and getting points for viewing the advertisement and securities wherein the viewed advertisement and contents of the questionnaire are stored in the database and scrapped to a personal blog. Thus an advertiser may advertise for free in the advertising website maintain the advertisement on the first page of the website and the sustainability of the advertisement be provided with statistics on the questionnaires of the viewers of the advertisement thereof and be provided with continuous feedback from interested online neighbor consumers and consumers having viewed the advertisement may get points which may be used in commercial or personal advertisements.

No. of Pages : 27 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR THE DEPOSITION OF TIO2 THIN FILMS ON STAINLESS STEEL

(51) International classification	:C23C14/32, C25D11/26, C23C14/16	(71) Name of Applicant : 1)MALATI FINE CHEMICALS PVT. LTD. Address of Applicant :4/A, DURVANKURDARSHAN
(31) Priority Document No	:NA	SOCIETY-1, PANCHWATI AREA, PASHAN ROAD, PUNE-
(32) Priority Date	:NA	411008 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MOHAN KERABA DONGARE
Filing Date	:NA	
(87) 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 simple process for the deposition of T1O2 thin films on stainless steel, ceramic and polymer surface by dip coating, spray / spin coating using titanium peroxide as TiO2 precursor for protective coating or for other applications. The T1O2 films coated using this process are uniform with good adhesion, resistance for chemical and high temperature corrosion of the substrate surface. The process is advantageous in terms of being easy, taking lesser time and having commercial potential. The TiO2 films coated on stainless steel, ceramic or polymer support are quite active for photocatalytic antibacterial, medical, catalytic and for environmental applications.



No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING CONTACT INFORMATION REQUESTS IN A **NETWORK**

(51) International classification	:H04L29/12, H04L12/751	(71)Name of Applicant :
(31) Priority Document No	:NA	Address of Applicant :DIRECTIPLEX. OLD NAGARDAS
(32) Priority Date	:NA	ROAD, NEAR ANDHERI SUBWAY, ANDHERI (EAST),
(33) Name of priority country	:NA	MUMBAI 69 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAVIN TURAKHIA
(87) 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 example embodiments, a system and method for managing contact information requests in a network are provided. When a first user does not have a particular value for a contact, the first user may trigger a process to obtain the value. Accordingly, a request is received at a contact management system from a user device of the first user that requests the value. A second user that is socially connected to the first user and having the value for the contact in an address book of the second user is determined. An electronic message is sent to a user device of the second user requesting the second user to provide the value to the first user. The value is provided to the first user based on an approval by the second user in response to the electronic message.



No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADHESIVE FOR ROTOR BLADES FOR WIND POWER PLANTS

(51) International	:C08G18/32,C08G18/36,C08G18/48	(71)Name of Applicant :
(31) Priority Document No	:10196962.4	Address of Applicant :Zugerstrasse 50 CH 6340 Baar
(32) Priority Date	:24/12/2010	Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/073392 :20/12/2011	1)PIND Martin 2)OLSEN Bodil
(87) International Publication No	:WO 2012/084937	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to two component polyurethane compositions which have a long open time and even after extended exposure to a high moisture climate (for example 70% relative humidity) even after 40 minutes and in particular even after 60 minutes can still be glued and cured to form polymers having high mechanical strength whereby a structural adhesive bond is created. The composition comprises castor oil at least one alkoxylated aromatic diol at least one polyol having 5 to 8 hydroxyl groups and at least one polyisocyanate. The two component polyurethane compositions are suitable in particular for use as structural adhesives in particular for the adhesive bonding of wing half shells of rotor blades for wind power plants.

No. of Pages : 27 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :22/06/2013

(43) Publication Date : 05/06/2015

(34) The of the invention. ADSORDER		
(51) International classification	:B01D47/00	(71)Name of Applicant :
(31) Priority Document No	:61/463194	1)WESTEC ENVIRONMENTAL SOLUTIONS LLC
(32) Priority Date	:14/02/2011	Address of Applicant :One Magnificent Mile Center 980 North
(33) Name of priority country	:U.S.A.	Michigan Avenue Suite 1400 Chicago IL 60611 U.S.A
(86) International Application No	:PCT/US2012/000083	(72)Name of Inventor :
Filing Date	:13/02/2012	1)DUGAN Craig
(87) International Publication No	:WO 2012/112224	2)PELLEGRIN Roy J.
(61) Patent of Addition to Application	٠NA	3)HARGROVE William L.
Number	NA NA	4)LIU Zhenshuo Bobby
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(54) Title of the invention : ABSORBER

(57) Abstract :

An absorber is provided which utilizes a solvent froth to absorb a selected component such as CO2 for example from a flowing gas stream such as flue gas from a fossil fuel power plant for example. In one embodiment a flooded tube gas absorber utilizes a bulkhead plate extending across a reaction chamber. The plate carries a plurality of vertical absorption tubes each carrying a plurality of spaced apart screens. The incoming gas stream flows downwardly and at equal velocities through the tubes. Solvent is injected downwardly into the tubes. The screen array forms a froth and rapidly and repeatedly bursts the froth bubbles forming a rapidly changing absorption surface. A second embodiment uses full diameter screens without a bulkhead plate. An option is to use ridge shaped screens to achieve solvent pulsing increasing efficiency. Both vertical and horizontal reaction chambers are disclosed.

No. of Pages : 69 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :22/06/2013

(43) Publication Date : 05/06/2015

(51) International classification	:H01L 21/02	(71)Name of Applicant :
(31) Priority Document No	:61/458460	1)FEATHER SENSORS LLC
(32) Priority Date	:23/11/2010	Address of Applicant :c/o Allergy & Asthema of South Jersey
(33) Name of priority country	:U.S.A.	P.A. 1122 N. High Street Millville New Jersey 08332 2529 U.S.A.
(86) International Application No	:PCT/IB2011/055264	(72)Name of Inventor :
Filing Date	:23/11/2011	1)COIFMAN Robert E.
(87) International Publication No	:WO 2012/070006	2)FORBES Charles E
(61) Patent of Addition to Application	·NI A	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : METHOD AND APPARATUS FOR INTELLIGEN FLOW SENSORS

(57) Abstract :

A sensor capable of detecting both airflow in spirometry and a full range of sound frequencies is provided. The airflow sensor includes a movable flap with one or more integrated strain gauges for measuring displacement and vibration. The sensor may be a bidirectional elastic flap airflow sensor that is capable of providing data needed for both spirometry and auscultation measurements. The sensor is provided in connection with a software module that analyzes sensor output waveforms and provides for correction functions that correct for certain non linear response functions of the flap. The correction functions are also suitable for non medical fluid flow metering applications. Additional devices may also be affixed to the flap such as sensors for the ambient level of various chemicals sensors for temperature sensors for humidity and microphones.

No. of Pages : 71 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR ISOLATION, PURIFICATION AND INDUSTRIAL SCALE EXPANSION OF HUMAN ADIPOSE TISSUE DERIVED MESENCHYMAL STEM CELLS

(51) International classification:C12N5/07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Divisional to Application Number:NAFiling Date:NAStat	 (71)Name of Applicant : 1)KASIAK RESEARCH PVT. LTD Address of Applicant :HOECHST HOUSE, 17TH FLOOR, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA (72)Name of Inventor : 1)TOTEY, SATISH MAHADEORAO 2)FONSECA, LYLE CARL 3)REDDY, MANOJ KUMAR C 4)GOWDA, SHASHANK 5)HARI, AARYA 6)CHOUGULE, BASAVARAJ 7)SODHI, MINITA 8)LAGHATE, SNEHA DEEPAK 9)KOSHY, NICOLE RACHEL
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(57) Abstract :

The invention relates to a method for isolation, purification and industrial scale expansion of human adipose tissue derived mesenchymal stem cells (MSCs). The invention also relates to a method for treating and a therapeutic product for treating type-1 diabetes mellitus, critical limb ischemia, multiple sclerosis, Duchenne muscular dystrophy, rheumatoid arthritis, cerebral stroke, type-II diabetes, idiopathic pulmonary fibrosis, dilated cardiomyopathy, and osteoarthritis comprising MSCs.



No. of Pages : 52 No. of Claims : 12

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(51) International classification	:C02F1/463	(71)Name of Applicant :
(31) Priority Document No	:201010614864.4	1)BOYING XIAMEN SCIENCE AND TECHNOLOGY CO.
(32) Priority Date	:30/12/2010	LTD
(33) Name of priority country	:China	Address of Applicant : ZHANG Shiwen 1st No.42 Xinglinxi
(86) International Application No	:PCT/CN2011/076791	Road Jimei Xiamen Fujian 361000 China
Filing Date	:03/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/088867	1)ZHANG Shiwen
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NANO CATALYTIC ELECTROLYSIS AND FLOCCULATION APPARATUS

(57) Abstract :

A nano catalytic electrolysis and flocculation apparatus wherein a waste water inlet is disposed at a bottom of a casing a scum baffle and a water baffle are disposed in the casing the scum baffle and one internal side of the casing form a water drainage chamber a gap is left between a bottom of the scum baffle and the bottom of the casing the water baffle and the other inner side of the casing form a residue discharge chamber and a gap is left between a top of the water baffle and a top of the casing; a hydrogen outlet is disposed at an end of the top of the casing close to an residue outlet an electrolysis tank is disposed between the scum baffle and the water baffle a top of the electrolysis tank is opened and a gap is left between the top of the electrolysis tank and the top of the casing an electrode is installed in the electrolysis tank a gas liquid separation chamber is formed in the casing above the electrolysis tank and an outfall is disposed at the bottom of the casing and is located between the water baffle and the electrolysis tank adjacent thereto. The electrolysis and flocculation apparatus is a nano catalytic electrolysis flocculation apparatus integrating functions of electrolysis solid liquid separation and gas liquid separation and has the advantages of extremely low working voltage between two adjacent electrodes high current density low energy consumption high electrical efficiency and no electrode consumption.

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

(21) Application No.1221/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : TANNING WASTEWATER TREATMENT AND REUSE APPARATUS AND METHOD THEREFOR		
(51) International classification(31) Priority Document No(32) Priority Date	:C02F9/14,C02F1/461 :201010605706.2 :24/12/2010	(71)Name of Applicant : 1)BOYING XIAMEN SCIENCE AND TECHNOLOGY CO. LTD
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:China :PCT/CN2011/076759 :01/07/2011 :WO 2012/083674 :NA	Address of Applicant :ZHANG Shiwen 1st No.42 Xinglinxi Road Jimei Xiamen Fujian 361000 China (72)Name of Inventor : 1)ZHANG Shiwen
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A tanning wastewater treatment and reuse apparatus. The apparatus has sequentially arranged therefor a bar screen filter (1) a retention pool (2) a hydraulic sieve (3) a desulfurization reaction pool (4) a nanometer catalyzed electrolyzer (5) a flocculation reaction pool (6) a sedimentation pool (7) an floatation apparatus (8) a biochemical pool (9) a secondary sedimentation pool (10) a secondary nanometer catalyzed electrolyzer (11) a filter (12) and a compressor (13). Also provided is a tanning wastewater treatment and reuse method. The method comprises the steps of desulfurization nanometer catalyzed electrolysis flocculation biochemical treatment secondary catalyzed electrolysis and filtration. The method allows for high COD removal rate reduced chemical agent consumption reduced sludge production thorough treatment and high water reuse rate.

No. of Pages : 31 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/06/2013

(54) Title of the invention : PREPARATION OF HYDROLYSATE OF LIGNOCELLULOSIC MATERIALS.

(51) International classification	:C12P7/02,	(71)Name of Applicant :
	C12P19/14	I)PRAJ INDUSTRIES LIWITED
(31) Priority Document No	:NA	Address of Applicant :PRAJ HOUSE, BAVDHAN, PUNE -
(32) Priority Date	:NA	411021, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SIDDHARTHA PAL
Filing Date	:NA	2)SATYENDRA WAMAN JOSHI
(87) International Publication No	: NA	3)RAVIKUMAR RAO PALLINTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of hydrolysate of lignocellulosic materials. An admixture of an organic acid and mineral acid is used for the pretreatment of lignocellulosic materials to get fermentable sugars like pentose and hexose sugars from the fibres present in said materials upon hydrolysis at a higher rate of conversion and yield.

No. of Pages : 22 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN APPARATUS FOR MAGNETIC TREATMENT OF HYDROCARBON FLUIDS

(51) International classification	:F02M27/04, H01F7/02, F23K5/02	 (71)Name of Applicant : 1)BARILITS-GUPTA MARIA MICHAELA Address of Applicant :HOCHBERGGASSE 5, DRASSBURG,
(31) Priority Document No	:NA	AUSTRIA A-7021 Austria
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SCHUPFER OTHMAR KARL MARIA
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 apparatus for magnetic treatment of a hydrocarbon fluid, the apparatus comprising: a hollow tubular member for facilitating flow of the fluid therein; at least six magnets sequentially arranged in three pairs around the tubular member, the arrangement enabling magnetic field of the magnets to penetrate the tubular member, the arrangement characterized in that a front face of each magnet of each pair is aligned towards the tubular member and both magnets of each pair are aligned opposite to each other on either sides of the tubular member, each magnet comprising a bar-pattern of alternating magnetic polarity, the polarity being oriented perpendicular to the direction of flow of the fluid in the tubular member.

No. of Pages : 19 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : ADHESIVE FOR FILLING JOINTS AND GAPS IN ROTOR BLADES FOR WIND POWER PLANTS

	E02D1/06 D20D00/00 C00C10/20	
(51) International classification	1:F03D1/06,B29D99/00,C08G18/32	(71)Name of Applicant :
(31) Priority Document No	:10196963.2	1)SIKA TECHNOLOGY AG
(32) Priority Date	:24/12/2010	Address of Applicant : Zugerstrasse 50 CH 6340 Baar
(33) Name of priority country	:EPO	Switzerland
(86) International Application No Filing Date	:PCT/EP2011/073411 :20/12/2011	(72)Name of Inventor :1)PIND Martin2)OLSEN Bodil
(87) International Publication No	:WO 2012/084949	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to two component polyurethane compositions which have a long open time and even after extended exposure to a high moisture climate (for example 70% relative humidity) even after 40 minutes and in particular even after 60 minutes can still be glued and cured to form polymers having high mechanical strength. The composition comprises castor oil at least one polyol having 5 to 8 hydroxyl groups a mixture of two different polyether and/or polyester polyols on the basis of castor oil or soybean oil and at least one polyisocyanate. The two component polyurethane compositions are suitable in particular for non positively filling joints or gaps in molded bodies that are joined by large surface area structural gluing in particular of vane half shells of rotor blades for wind power plants.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : FEATURE EXTRACTION METHOD FOR HANDWRITTEN OBJECT

	COCE17/20	(71) Nome of Ameliaant
(51) International classification	:GU6F1//30,	(/1)Name of Applicant : 1)Direct Witthelmee Dejetter
	GUOK9/02	1)Dinesii vittinairao Kojatkar
(31) Priority Document No	:NA	Address of Applicant :06, Sarvodaya Colony, Congress Nagar
(32) Priority Date	:NA	Road, Amravati, 444606, M.S., India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dinesh Vitthalrao Rojatkar
Filing Date	:NA	2)Krushana Dharmaji Chainchkhede
(87) International Publication No	: NA	3)Gajanan Govind Sarate
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Processed image is transformed in to 64 sub-images with 8 x 8 pixel size , each sub image is mapped into a single pixel value representing the 8 x 8 sub image, which results into 64 elements vector with each value varying from 0 to 4096 (depending upon the image cluster). Thereby the original image filled mostly with ones gets converted in to sparse matix having about 7 to 8 % of nonzero values. Thus result is higher compressing with less deterioration. Following invention is described by way of example with reference to figure 1 of Sheet 1showing block diagram showing components of handwritten recognition system in accordance with one of the embodiment of the invention, figure 2 of sheet 2 showing diagrammatic representation of one of the embodiment of working of the invention, figure 3 of sheet 3 representing example using one symbol of Devanagari consonant where Fig. 3 A denotes Original Image having size of 64 x 64 pixels, Fig. 3 B denotes Transform image 8 x 8 pixel size, plotted with 64 x 64 scale, Fig.3 C denotes Image in figure 3 B is resized in 8 x 8 scale, Fig.3 D denotes Image plotted using centroid calculation.

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

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A MULTIPURPOSE AUTOMATIC POWER TRANSMISSION DEVICE

(51) International classification	:H04N1/10, H04N1/12	(71)Name of Applicant : 1)RATHOD HARIBHAI BHOJABHAI
(31) Priority Document No	:NA	Address of Applicant :C/O. CHAMUNDA TRUK GARAGE,
(32) Priority Date	:NA	HARIYAT ROAD, OPP. KALPANA HOTEL, DHANGADHRA,
(33) Name of priority country	:NA	GUJARAT
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RATHOD HARIBHAI BHOJABHAI
(87) 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 multi-purpose automatic power transmission devise comprising of multiple pulley and gears, arrangement for electricity generator, multiple water pumps, and a radiator yet to be operated with the remote control.



No. of Pages : 15 No. of Claims : 8
$(22) \mathbf{D}_{\mathbf{x}} = \mathbf{f} \mathbf{f}^{\mathbf{x}} \mathbf{f} \mathbf{x} \mathbf{x} \mathbf{f} \mathbf{A} \mathbf{x} \mathbf{x}^{\mathbf{x}} \mathbf{f}$

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL CALIX [4] PYRROLE OCTAHYDRAZIDE, METAL NANOPARTICLES DERIVED FROM IT AND USE OF THE NANOPARTICLES

(57) Abstract :

The present invention relates to novel calix(4]pyrrole octahydrazide of formula (A) and process for the preparation thereof. The present invention also relates to the use of calix[4]pyrrole octahydrazide (CPOH) of formula (A) in the preparation of water dispersible stable metal nano particles.



No. of Pages : 40 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :17/06/2013

(54) Title of the invention : A MIXING DEVICE AND AN APPARATUS EMPLOYING THE MIXING DEVICE

	D20D00/00	
(51) International classification	:B29D99/00,	(71)Name of Applicant:
	B32B38/10	1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3rd Floor, Maker Chamber-IV 222,
(32) Priority Date	:NA	Nariman Point Mumbai 400 021 Maharashtra, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Venkataramu Umesh
(87) International Publication No	: NA	2)Sapre Ajit Vishwanath
(61) Patent of Addition to Application Number	:NA	3)Bhole Manish
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a mixing device and an apparatus employing the mixing devices. The apparatus comprises a body of liquid of predetermined shape for holding components. One or more mixing devices of predetermined shape are movably disposed and fitted in the body of liquid for mixing the components in the body of liquid. Each of the mixing devices comprises a plurality of perforations to accomplish turbulence of the components in the body of liquid.



No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/06/2013

(54) Title of the invention : A PROCESS FOR THE REMOVAL OF METAL CONTAMINANTS FROM FLUIDS

(51) International classification	:B01J20/08, B01D53/58	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(32) Priority Date	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAKASH KUMAR
(87) International Publication No	: NA	2)PURANIK VIJAYALAKSHMI RAVI
(61) Patent of Addition to Application Number	:NA	3)PATIL MALLIKARJUN
Filing Date	:NA	4)GOPAL KRISHNAN KALPANA
(62) Divisional to Application Number	:NA	5)JASRA RAKSH VIR
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for obtaining a fluid stream substantially free of metal contaminants, wherein the metal content of the stream is less than 50 ppm. The process includes providing a fluid stream contaminated with at least one metal contaminant and contacting the stream with macroporos alpha alumina in order to trap the metal contaminants, thereby providing a fluid stream free of metal contaminants and spent macroporos alpha alumina.

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

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRESSURIZED FLUID FLOW SYSTEM FOR A REVERSE CIRCULATION DOWNTHE-HOLE HAMMER AND HAMMER THEREOF

(51) International classification	:E21B4/14, E02D 11/00	 (71)Name of Applicant : 1)DRILLCO TOOLS S.A. Address of Applicant :Avenida Americo Vespucio Norte
(31) Priority Document No	:NA	#1387, Quilicura, Santiago, Chile
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)AROS, Jaime Andres
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Pressurized fluid flow system for a reverse circulation down-the-hole hammer and hammer thereof. A pressurized fluid flow system for a reverse circulation down-the-hole hammer includes a cylinder and a cylindrical control tube that are respectively coaxially disposed in between the outer casing and the piston of the hammer and in between the piston and the sample tube. Two chambers help to respectively supply and discharge pressurized fluid into and out of the front and rear chambers that exert work on the piston: an internal chamber, defined by a central recess in the inner surfaces of the piston and permanently connected to the source of pressurized fluid, and a discharge chamber, defined by one or more recesses in the inner surface of the outer casing and permanently communicated with the bottom of the hole. The flow of pressurized fluid into the work chambers is respectively controlled by the overlap of a portion of the outer surfaces of the sample tube and a portion of the outer surface portion of the control tube with different portions each of the inner sliding surfaces of the piston, while the flow of pressurized fluid discharged from the work chambers is controlled by the overlap or relative position of the outer sliding surfaces of the piston with the inner surface of the cylinder. A hammer provided with this system has one or more end discharge ports connected to respective longitudinal discharge channels formed on the outer surface of the front end of the outer casing.

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : EXCIPIENT COMPOSITIONS FOR TABLETTING AND PROCESSES OF PREPARATION THEREOF

(51) International classification	:A61K9/00,	(71)Name of Applicant :
	A61K47/00	1)NOVOEXCIPIENTS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :5/C, SHREE LAXMI INDUSTRIAL
(32) Priority Date	:NA	ESTATE, NEW LINK ROAD, ANDHERI - W, MUMBAI -
(33) Name of priority country	:NA	400053. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAH, DHRUMILL G.
(87) International Publication No	: NA	2)POTDAR, ASHOK
(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 excipient composition for tabletting comprising diluents, binders, anti adherents, lubricants and disintegrants. The excipient composition of the present invention comprises all ingredients except the active pharmaceutical ingredient (API). The present excipient compositions find utility in formulating tablets by direct compression; dispersible tablet, sustained release tablets, and composition blend for moisture sensitive or hygroscopic active pharmaceutical ingredients. The excipient composition of the present invention offers significant economic advantage over the conventional techniques.



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

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : DESIGN AND FABRICATION OF ROAD DEDUSTING SYSTEM FOR FOUR WHEELER

(51) International classification:E01H1 E01C1(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA	 I/08, (71)Name of Applicant : 1/22 1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant :CRPF Gate No. 3,Digdoh Hills, Hingna Road, Nagpur Maharashtra-440016 2)G.H.R. Labs and Research Centre (72)Name of Inventor : 1)Nikhil Kambale 2)Dipak Bhudawat
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA 	3)Akshansh Kataria 4)Dhiraj Bambarde 5)Skumar S. Kumbhalkar

(57) Abstract :

Dust is one of the problems that we often face on roads while riding a vehicle. Basically the dedusting system is the system which separates the dust particles from the air and gives the clean environment on the road. The dedusting system fabricated for four wheelers is the mechanism by which system can filter the air(containing dust) that get dispersed in air due to motion of tires while running on road. The main purpose of dedusting system is to reduce the addition of dust particles in the atmosphere air. De-dusting system contains the steps as suction of atmospheric air + dust, filtration, discharge of fresh air or clean air which is free from dust particles. This system in turn reduces the likelihood that will go flying everywhere when someone drives along the road. The invention is described by way of example with reference to Figure 1 of Sheet 1 showing side view of assembly of one of the preferred embodiment.

No. of Pages : 9 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN INSTRUMENT TO LOAD AND INSERT INTRA-UTERINE DEVICE AND PROCESS THEREOF

(51) International classification	:A61F6/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S PREGNA INTERNATIONAL LIMITED
(32) Priority Date	:NA	Address of Applicant :13, SURYODAY ESTATE, 136
(33) Name of priority country	:NA	TARDEO ROAD, MUMBAI - 400034, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. S.S. BABHULKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An instrument to load and insert intra-uterine device and process thereof comprising of a loader which facilitates folding down the arms of IUD as IUD is pushed into it, followed by capturing the arms of IUD in the graduated tube by manual maneuvering. Complete loading process is carried out hygienically in the partially open pouch.



No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METAL NANOPARTICLES AND METHOD OF PREPARATION THEREOF

(51) International classification	:B22F9/16,	(71)Name of Applicant :
(51) International elassification	B22F 1/00	1)SAHASRABUDHE ABHISHEK
(31) Priority Document No	:NA	Address of Applicant :SHRI SWAMI SAMARTH SOCIETY,
(32) Priority Date	:NA	SHRIDHARNAGAR, DHANKAWADI, PUNE-411043,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAHASRABUDHE ABHISHEK
(87) International Publication No	: NA	2)SAHASRABUDHE ATHARVA
(61) Patent of Addition to Application Number	:NA	3)ROY SOUMYAJIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Herein we present a green and facile one-pot process for the synthesis of noble metal nanoparticles using molybdenum oxide clusters at room-temperature. The oxomolybdates used in this work act as bifunctional catalysts with inbuilt reducing capabilities and ability to act as effective stabilizing agents for the metal nanoparticles thereby attaining reagent economy by circumventing any need of using external stabilizers. Besides its novelty and simplicity, this protocol can be used to control the shape and morphology of assynthesized nanoparticles by simply manipulating the excess parameter, g, which is the ratio of metal precursor concentration to oxomolybdate concentration.



No. of Pages : 28 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PRINTING AND DYEING WASTEWATER TREATMENT AND REUSE APPARATUS AND METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date 	:C02F9/14,C02F1/461,C02F1/44 :201010605977.8 :24/12/2010 :China :PCT/CN2011/076749 :01/07/2011	 (71)Name of Applicant : 1)BOYING XIAMEN SCIENCE AND TECHNOLOGY CO. LTD Address of Applicant :ZHANG Shiwen 1st No.42 Xinglinxi Road Jimei Xiamen Fujian 361000 China (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2012/083673 :NA :NA	(72)Name of Inventor : 1)ZHANG Shiwen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A printing and dyeing wastewater treatment and reuse apparatus. The apparatus has sequentially arranged therefor a bar screen filter (1) a retention pool (2) a hydraulic sieve (3) a desulfurization reaction pool (4) a nanometer catalyzed electrolyzer (5) a flocculation reaction pool (6) a sedimentation pool (7) an floatation apparatus (8) a biochemical pool (9) a secondary sedimentation pool (10) a secondary nanometer catalyzed electrolyzer (11) a filter (12) a compressor (13) a membrane system (14) and a recycling pool (15). Also provided is a printing and dyeing wastewater treatment and reuse method. The method comprises the steps of desulfurization nanometer catalyzed electrolysis flocculation biochemical treatment secondary catalyzed electrolysis filtration and separation by membrane. The method allows for high COD removal rate reduced chemical agent consumption reduced sludge production thorough treatment and high water reuse rate.

No. of Pages : 33 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHODOLOGY TO SIMULATE FLOW THROUGH FRACTURED ROCKMASS.

(51) International classification:G01N15/08(31) Priority Document No:NA(32) Priority Date:NA	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant 'INDIAN INSTITUTE OF
(33) Name of priority country :NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(86) International Application No :NA	MAHARASHTRA, INDIA
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)PROF. D.N.SINGH
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A simple and easy to adopt methodology to simulate flow of water through a fracture of certain aperture in the rockmass has been developed in this invention. It has been demonstrated that samples of Paraffin wax (used as an analogue material), with a single fracture created with the help of sand grains, can be used quite satisfactorily to simulate the response of the flow conditions (base pressure and confining stress) on the fractured rockmass, in the laboratory environment. It has been demonstrated that the discharge through the fracture is a function of initial fracture aperture, base pressure and confining pressure. Further, it has been demonstrated that Reynolds number is quite sensitive to the fracture aperture and the base pressure, and there is a critical base pressure, beyond which transition in laminar to turbulent flow occurs.

Figure 1

No. of Pages : 32 No. of Claims : 5

(22) Date of filing of Application :22/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SELF STEERING TAG AXLE

(51) International classification	:B60G 11/27,B62D7/14	(71)Name of Applicant : 1)EGE ENDUSTRI VE TICARET ANONIM SIRKETI
(31) Priority Document No	:2013/03074	Address of Applicant :KEMAL PASA CADDESI NO:18
(32) Priority Date	:13/03/2013	PINARBASI, IZMIR, TURKEY
(33) Name of priority country	:Turkey	(72)Name of Inventor :
(86) International Application No	:NA	1)ONUR BALCI
Filing Date	:NA	
(87) 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 self-steering tag axle embodiment used in heavy commercial vehicles. The present invention relates to locking link (11), which is formed on the axle body (10), reduces the risk of breakage and cracking by means of its circular section distributing the loads corresponding to the link body onto the welded area, and is formed as surrounding the axle body (10), and also relates to reducing the number of processes by connecting the shock absorber (30) found on the axle body (10) onto the welded metal sheet (12) and to production of the steering rod in an angled form (A).



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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PLASTICS MATERIAL CONTAINER WITH STRAIGHT APERTURE AREAS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65B3/02, B65D1/02 :10 2012 105 778.8 :29/06/2012 :Germany :NA :NA	 (71)Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTR. 5 93073 NEUTRAUBLING GERMANY (72)Name of Inventor : 1)HEINRICH DEYERL 2)GERHARD SCHUSTER 3)BASTIAN TIBMER
(32) Priority Date	:29/06/2012	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)HEINRICH DEYERL
(86) International Application No	:NA	2)GERHARD SCHUSTER
Filing Date	:NA	3)BASTIAN TIBMER
(87) 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 plastics material container (1) with an aperture area (2), a shoulder area (4) adjoining the aperture area in a longitudinal direction (L) of the plastics material container (1), a main body (6) adjoining this shoulder area (4) in the longitudinal direction of the plastics material container (1) and a base area (8) adjoining the main body (6) in the longitudinal direction (L) of the plastics material container (1), wherein the shoulder area (4) is widened in the longitudinal direction (L) of the plastics material container (1), wherein the shoulder area (4) is widened in the longitudinal direction (L) of the plastics material container (1) from the aperture area (2) in the direction of the main body (6), and wherein a transition area (12) is provided between the aperture area (2) and the shoulder area (4). According to the invention the transition area (12) has a portion (14) widening in the longitudinal direction (L) of the plastics material container from the aperture (2) in the direction of the shoulder area (4) and having a straight course.



No. of Pages : 24 No. of Claims : 12

(54) Title of the invention · SPRAY FLUID BED COOLER

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/06/2015

(51) International classification	:F28C3/06, E21F3/00	(71)Name of Applicant : 1)TRANSPARENT TECHNOLOGIES PRIVATE
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant : PUSHPA HEIGHTS, 1ST FLOOR,
(33) Name of priority country	:NA	BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE- 411
(86) International Application No	:NA	037, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ATRE, ASHOK DATTATRAYA
(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 Spray Fluid Bed Cooler consists of cooling chamber (1) having a fluid bed (2) at bottom. A Cyclone separator (3) provided to the air out let at top of the chamber. An air circulation blower (4) through Air cooler (5) connected to first air inlet in the fluid bed bottom Fluid Bed air distribution plate (6) and a bottom air jet(7) located in the fluid bed centre. A second air inlet at top air jet (8); a perforated plate (10) provided at top for taking out air from cooling chamber. A spray nozzle for hot liquid spraying provided at top centre of cooling chamber so as to produce spray surrounded by jet of cold air which has path concurrent with sprayed liquid where as air from fluid bed and bottom air jet flows in counter current with sprayed liquid; a hot water jacketed. Afeed tank (11) for hot liquid provided with feed pumps (12). The feed pipeline from the feed tank out let to the said spray nozzle jacketed for hot water circulation. The control means for the air velocities in the cooling chamber (1) and fluid bed (2) to be maintained in such a way that particles of desired size only fall down on fluid bed (2) while all fines are carried over with air. A weir pipe (17) at bottom centre of fluid bed with rotary valve (14) at out let for discharging cooled granules. The bottom outlet of said cyclone joined to the pipe leading to the second air inlet.

1		

No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A SYSTEM AND METHOD TO ENHANCE USER ENGAGEMENT DURING ONLINE FORM COMPLETION

(51) International classification:H04Q9(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA. (72)Name of Inventor : (72)Name of Inventor : (72)GOSWAMI, VIBHOR (3)GARG, SHALIN (4)L, SANDHYA S (5)VALLAT, SATHISH (6)SAHOO, NIKHIL
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(57) Abstract :

System and method for facilitating an interactive engagement of a user with an online application is disclosed. The method comprises presenting one or more first questions, to the user, associated with the online application. For the one or more first questions, a first response is received from the user. The first response indicates behavioural characteristics of the user. The method comprises assigning a first engagement metric based on the first response. Further, one or more second questions are presented, to the user, associated with the online application. The one or more second questions are dynamically restructured based on the first engagement metric. The method comprises receiving a second response corresponding to the one or more second questions. The method further comprises modifying the first engagement metric into a second engagement metric based on the second response. The method further comprises calculating a score based on the second engagement metric.



No. of Pages : 38 No. of Claims : 22

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : OPTIMAL FLOW RATE COOLING WATER FOR AN EVAPORATIVE CONDENSER OF 1 TON WINDOW AIR CONDITIONER

(57) Abstract :

With impact of energy crisis, global warming more attention is focused on strategies for energy conservation. In country like India out of total power consumption of 600x103 GW-hr per annual. 5.09x103 GW-hr per annual is utilized in air conditioning residential, commercial buildings. Residential and offices air conditioning system generally consist of smaller units of air conditioner which basically have air cooled condenser. The heat transfer through the condenser depends upon the ambient temperature. Lower the ambient temperature the better the performance. However, the contradiction is the higher the ambient temperature, the poorer performance of condenser, the higher use of air conditioner. In the present work condenser of 1TR window air conditioner is modified to a condensate water cooled condenser. The condensate from the air conditioner is collected in a modified tank under the casing of air conditioner and small 8 watt variable flow rate pump is utilized in spraying this water on the condenser. A water cooled condenser reduces the power consumption improving the heat transfer from the condenser. However in this work optimal flow rate of this water is identified to get maximum energy saving. Higher and lower flow rates other than the optimal flow rate actually have less improvement in the energy saving. This fact has been identified in the present work. This also reduces the amount of water required. This work is unique in its identification of optimal flow rate of water for the water cooled condenser. Water flow rate was varied from 0.281it/min to 2.281it/min. It is indentified that the increase in power saving varied from 60.78% to 74.50%. As the flow rate of water is increased from 0.281it/min to 0.54 lit/min the power saving increased from 60.78%) to 74.50%. When the flow rate was increased 0.541it/min to 2.281it/min the power saving decreased from 14.5% to 60.78% o. Hence the optimal flow rate for the present system is 0.541it/min.



No. of Pages : 14 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :14/05/2013

(54) Title of the invention : LPG FIRED THERMIC FLUID HEATED DEEP FAT FRYER

(51) International classification	:F16H47/04,	(71)Name of Applicant :
(01) International elassification	F16H61/03	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(31) Priority Document No	:NA	(ICAR)- CENTRAL INSTITUTE OF AGRICULTURAL
(32) Priority Date	:NA	ENGINEERING
(33) Name of priority country	:NA	Address of Applicant :NABI BAGH, BERASIA ROAD
(86) International Application No	:NA	BHOPAL, MADHYA PRADESH, INDIA-462 038
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LALAN K. SINHA
(61) Patent of Addition to Application Number	:NA	2)R.T. PATIL
Filing Date	:NA	3)S.D. KULKARNI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The objective of the invention was to develop a thermic fluid based LPG fired deep fat fryer with almost constant temperature throughout the frying medium. The fryer comprises of an inner reservoir to hold frying medium, an outer jacket tank to hold thermic fluid to heat the inner reservoir. A temperature profile of frying medium with less variability nearing almost constant temperature throughout the medium is obtained through the method of indirect heating of inner reservoir containing frying medium by thermic fluid present in the outer jacketed tank which is heated by two liquefied petroleum gas (LPG) burners. The heating of thermic fluid in outer jacketed tank is controlled by the flow of gas being burnt in the LPG burners through the controlling knobs. The controlling knobs are connected to a source of LPG fuel trough an orifice nipple connecting tube. A position has been made to drain the frying medium as and when required. A valve is provided for opening and closing the pipe. A filling and drain pipe with valve is also provided to outer jacketed tank for filling and emptying thermic fluid in the tank. The food to be fried is hold in the frying baskets, which are immersed in the hot.bath of the frying medium where indirect heat is applied. A lid is provided for selectively covering the frying medium in the inner reservoir.

No. of Pages : 8 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : BROADCASTING RECEIVING DEVICE		
(51) International classification	:H04H40/63,	(71)Name of Applicant :
	H04H1/00	1)LG INNOTEK CO., LTD.
(21) Priority Document No.	:10-2012-	Address of Applicant :Seoul Square, 541, Namdaemunno 5-ga,
(51) Thority Document No	0070432	Jung-gu, Seoul, 100-714, Republic of Korea
(32) Priority Date	:29/06/2012	(72)Name of Inventor :
(33) Name of priority country	:Republic of	1)PARK, II Hee
(55) Name of priority country	Korea	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a broadcasting receiving device. The broadcasting receiving device includes a signal amplifier amplifying a received broadcasting signal; an isolator having one terminal connected to the signal amplifier; and a tuner reproducing the broadcasting signal, wherein the isolator is installed in the tuner.





No. of Pages : 11 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : BIO-FUEL STOVE

:F	F24C	(71)Name of Applicant :
(51) International classification 5/	/00,	1)DR. M.S.MURTHY
(51) International classification F.	24C	Address of Applicant :PROFESSOR, MECH. ENGG.
5/	/18	INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY,
(31) Priority Document No :N	NA	PITHAMPUR ROAD, OPP. TO IIM, INDORE, RAU, INDORE-
(32) Priority Date :N	NA	453331 Madhya Pradesh India
(33) Name of priority country :N	NA	(72)Name of Inventor :
(86) International Application No :N	NA	1)DR. M.S.MURTHY
Filing Date :N	NA	2)ASHWANI KUMAR
(87) International Publication No : 1	NA	3)PRASHANT VITVEKAR
(61) Patent of Addition to Application Number :N	NA	
Filing Date :N	NA	
(62) Divisional to Application Number :N	NA	
Filing Date :N	NA	

(57) Abstract :

Two hundred years ago, the world experienced an energy revolution that launched the Industrial Age, The catalyst to this epochal shift was ordinary black coal, an energy-rich hydrocarbon that supplanted wood as the primary fuel. A century later, the industrialized worlds thirst for energy had increased tremendously. Petroleum and natural gas were exploited as versatile and high quality energy products, and soon joined coal as principal fuels. Fifty years later, scientists tapped uranium to fuel nuclear reactors and provide atomic energy. Today, cheap energy is the lifeblood of our society. But there is a dangerous dark side to relying on non-renewable resources like coal, oil, natural gas, or uranium to supply our growing energy demands, these finite sources are concentrated in certain region of the world and would soon get exhausted. The supply of these fuels is physically limited, and their use threatens our health and environment. Fears of global warming aside, burning fossil fuel releases chemicals and particulates that can cause cancer, brain and nerve damage, birth defects, lung injury, and breathing problems. India is an agricultural country, and 60% of their total population lives in villages and 50% of them are using Kerosene and Biomass as source of energy for cooking food. These fuels generate harmful gases that are hazardous for human as well as for our environment also.Kerosene is a nonrenewable source of energy, and it is most popular domestic fuel in rural parts of India. Kerosene is meant to be used as a cooking, lighting or heating fuel this is heavily subsidized so that it can be purchased more easily by Indias poor. So, we are in need to provide them a new source of energy which could be cheap, renewable as well as eco-friendly to. In India vegetable oils as well as non-edible oils is produced domestically which helps to reduce costly petroleum imports. Development of the bio-fuel industry would strengthen the domestic and particularly rural, agricultural economy. Non- edible oils like Karanja, Jatropha, cottonseed etc are biodegradable and can be made from agricultural crops and or other feed stocks that are considered as waste. Non- edible oils like Karanja, Jatropha have great calorific value and can be used as fuel. In country like India, there is a greater need to explore the use of Non- edible oils as fuel because of the possibility of large production capacity of these oils and producing it near the consumption points. Kerosene is a non-renewable source of energy, and it is most popular domestic fuel in rural parts of India, but with ever increasing cost of kerosene and huge subsidies by the government kerosene is fast diapering from rural households. In the present innovation a new type of horizontal pressurized is developed which consist of two tanks. In one of the tank kerosene is filled and in another tank Non-edible oil is filled. Initially the stove is started with kerosene,, after about two minutes when the preheating coil is heated up the valve is slowly closed and valve is slowly opened simultaneously, and finally valve 1 is completely closed and valve 2 is completely open. Now the stove runs completely on non-edible oil. The tests on this stove are conducted for thermal efficiency and it is identified that the stove while running on straight vegetable oils has comparable thermal efficiency with the stove run on kerosene.

Drawing 1



No. of Pages : 13 No. of Claims : 8

(21) Application No.1197/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN IMPROVED MICRONUTRIENT FERTILISER AND METHOD FOR PRODUCING SAME

(51) International classification	:C05D9/00,C05F11/00,C22B3/04	(71)Name of Applicant :
(31) Priority Document No	:2010905406	1)MESA MINERALS LIMITED
(32) Priority Date	:08/12/2010	Address of Applicant :1 Sleat Road Applecross Western
(33) Name of priority country	:Australia	Australia 6153 Australia
(86) International Application No Filing Date	:PCT/AU2011/001416 :04/11/2011	(72)Name of Inventor :1)WARD Christopher Brett
(87) International Publication No	:WO 2012/075521	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An improved micronutrient fertiliser comprising leach tailings from a sulphur dioxide leach process for the recovery of manganese or manganese sulphate products and a method for the production of such an improved micronutrient fertiliser the method comprising the step of blending the leach tailings with a ore or waste containing the appropriate level of sulphide ions that will give the required rate of manganese leaching for the specific soil type.

No. of Pages : 25 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 05/06/2015

(51) International classification :F04B15/02 (71)Name of Applicant : 1)BIOCHEMTEX S.P.A. (31) Priority Document No :61/603217 (32) Priority Date Address of Applicant :Strada Ribrocca 11 I 15057 Tortona :24/02/2012 (33) Name of priority country :U.S.A. Italv (86) International Application No :PCT/US2013/027393 (72)Name of Inventor : Filing Date :22/02/2013 1)GASTALDO Dan (87) International Publication No :WO 2013/142006 2)RYBA Steven (61) Patent of Addition to Application **3)MURRAY Aaron** :NA Number **4)ELLIOTT Guliz Arf** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : CONTINUOUS PROCESS FOR CONVERSION OF LIGNIN TO USEFUL COMPOUNDS

(57) Abstract :

A process for introducing a slurry comprised of lignin into a lignin conversion reactor by pressurizing the slurry comprised of lignin using a pump having an inlet valve which can be present in an inlet valve position selected from the group consisting of open closed and at least partially open an outlet valve which can be present in an outlet valve position selected from the group consisting of open closed and at least partially open and a pump cavity said pressurizing step comprising : Passing the slurry comprised of lignin through the inlet valve which is in the inlet valve position selected from the group consisting of at least partially open and open into the pump cavity with said outlet valve in the closed outlet valve position and the pump cavity being at an inlet pump cavity pressure; Changing the inlet valve position to closed; Increasing the pressure of the pump cavity to a discharge pressure; Discharging at least a portion of the slurry comprised of lignin from the pump cavity into the lignin conversion reactor by changing the outlet valve position to a position selected from the group consisting of at least a portion of the slurry comprised of lignin from the pump cavity into the lignin conversion reactor by changing the outlet valve position to a position selected from the group consisting of at least a portion of the slurry comprised of lignin from the pump cavity into the lignin conversion reactor by changing the outlet valve position to a position selected from the group consisting of at least a portion of the slurry comprised of lignin.

No. of Pages : 94 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SUCTION MUFFLER

(51) International classification	:F04B39/12, F04B39/00	(71)Name of Applicant : 1)EMERSON CLIMATE TECHNOLOGIES (INDIA)
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant : PLOT NO. 23 RAJIV GANDHI
(33) Name of priority country	:NA	INFOTECH PARK, PHASE-II, HINJEWADI, PUNE- 411057,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NALAVADE SUMEDH TANAJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A suction muffler for a compressor, the suction muffler including an inlet having an expanded end adapted to facilitate introduction of a refrigerant into the suction muffler, a continuous arcuate shaped first chamber fluidly connected to the inlet, the first chamber adapted to receive the refrigerant from the inlet and guide the flow of the refrigerant through the suction muffler and a second chamber fluidly connected to the first chamber, the second chamber adapted to facilitate exit of the refrigerant from the suction muffler.



FIGURE 1

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DATA STREAM MIRRORING		
(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:13/610,321	1)AVAYA INC
(32) Priority Date	:11/09/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIKANTH KEESARA
(87) International Publication No	: NA	2)RICHARD THOMAS STRONG
(61) Patent of Addition to Application Number	:NA	3)BRIAN THOMAS BULL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mirroring configuration employs an alternate usage of an existing messaging protocol and mechanism for propagating mirroring control for remote mirroring of data streams. A source routing entity, i.e. a router or switch through which the mirrored stream passes, identifies the stream as available for monitoring. The enabled stream propagates from a source network device, typically from a router port, to a mirroring destination in addition to the addressed destination. A stream identifier emulates an identifier from an alternate usage, such as a multicast group identifier for a multicast protocol, and activates mirroring by inserting the stream identifier in publish and join messages of the multicast protocol.



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

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMMUNICATION SYSTEM UTILIZING FINGERPRINT INFORMATION AND USE OF THE SYSTEM

 (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 	:H04L29/06 :201210297595.2 :21/08/2012 :China :PCT/CN2012/084424 :10/11/2012 :WO 2014/029168 :NA :NA :NA	 (71)Name of Applicant : 1)WWTT TECHNOLOGY CHINA Address of Applicant :Block H He Shan World Fair Electronics Technology Limited New Material Base Gonghe Town Heshan Jiangmen Guangdong 529728 China. (72)Name of Inventor : 1)WONG Kwok Fong 2)CHING Pui Yi
Filing Date	:NA	

(57) Abstract :

Disclosed is a communication system utilizing fingerprint information for authentication. The system comprises a fingerprint sensing device and a communication application unit. The communication application unit comprises communication software encryption software and decryption software of reversed direction to the encryption software. The communication system comprises the following steps: A) a friend adding stage; B) an encryption and transmission stage; and C) a decryption and identification stage. The present invention employs the system and is capable of utilizing the fingerprint information for management of encryption and decryption. Thus any non owner of the fingerprint is barred from viewing encrypted information and the confidentiality and security of user information and privacy are enhanced by building on the existing basis.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PEDAL POWERED TRA	ACTOR	
(51) International classification	:B62D	 (71)Name of Applicant : 1)Dr. Vasani Rupesh Parmanand Address of Applicant :07, Aditraj Bunglows, Near Nandanyan 5, B/H Kalatirth Apartment, Promatirth Dersser Road
(31) Priority Document No	:NA	Jodhpur, Ahmedabad-380015, Gujarat, India.
(32) Priority Date	:NA	2)Shah Parin Kamalkumar
(33) Name of priority country	:NA	3)Jain Anjil Anvin
(86) International Application No	:NA	4)Bhavsar Swapnil Chandrakant
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. Vasani Rupesh Parmanand
(61) Patent of Addition to Application Number	:NA	2)Shah Parin Kamalkumar
Filing Date	:NA	3)Jain Anjil Anvin
(62) Divisional to Application Number	:NA	4)Bhavsar Swapnil Chandrakant
Filing Date	:NA	5)Dr. Akshai K. Aggarwal
		6)Aditya Akshai Aggarwal
		7)Patel Bhupendra Laljibhai

(57) Abstract :

The present invention of "Pedal Powered TractorTM is a specially designed tractor that runs on the chain and gear with the pedals. The pedal gear is connected to the shaft of the rear wheels using a small gear and chain. The pedals are rotated with foot and this rotary motion of the pedals is transmitted to the rear wheel shaft to move the tractor. The direction of the tractor is controlled by a specially designed steering mechanism that guides the front wheels of the tractor.

No. of Pages : 8 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF ABIRATERONE ACETATE

	:C07J43/00.	(71)Name of Applicant :
(51) International classification	C07J13/00,	1)SUN PHARMACEUTICAL INDUSTRIES LTD.
	C07J41/00	Address of Applicant :17/B, MAHAL INDUSTRIAL
(31) Priority Document No	:NA	ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI
(32) Priority Date	:NA	(EAST), MUMBAI 400093, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THENNATI RAJAMANNAR
(87) International Publication No	: NA	2)REHANI RAJEEV BUDHDEV
(61) Patent of Addition to Application Number	:NA	3)PATEL NISCHALKUMAR VINODBHAI
Filing Date	:NA	4)KANSARA RITESHKUMAR RAJNIKANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to improvement in the process of preparation of abiraterone acetate or a pharmaceutically acceptable salt thereof wherein the improvement comprises purifying the crude 3-?-acetoxyandrosta-5,16-diene-17-yl trifluoromethane sulphonate by crystallization from a solvent to obtain acetoxyandrosta-5,16-diene-17-yl trifluoromethane sulphonate as a crystalline solid and converting it to abiraterone acetate or pharmaceutically acceptable salt thereof.

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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : AN AMBIPOLAR TWO TERMINAL SELECTION DEVICE.

	G11G10/00	
	:GIICI3/00,	(/1)Name of Applicant :
(51) International classification	GIIC5/02,	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
	G11C7/00	Address of Applicant :INDIAN INSTITUTE OF
(31) Priority Document No	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI-400076.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)UDAYAN GANGULY
Filing Date	:NA	2)SANCHIT DESHMUKH
(87) International Publication No	: NA	3)BIPIN RAJENDRAN
(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 new selection or access device for cross point memory with at least one ambipolar or selector device which could be applicable to various bipolar memory technologies like bipolar RRAM (Resistive random-access memory), STT RAM (spin-transfer torque random access memory). It includes method of fabrication and also pertains to a memory system including this device and a new computational system modelled after neuromorphic (neuron like) circuits.

Figure 1(a) No. of Pages : 51 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : STANDBY POWER SYSTEM THAT PREDICTS A NEED TO SUPPLY POWER TO A LOAD TO MINIMIZE START TIME OF A GENERATOR

(51) International classification:H02P9/00(31) Priority Document No:13/540,118(32) Priority Date:02/07/2012(33) Name of priority country:U.S.A.(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)Kohler Co. Address of Applicant :444 Highland Drive, Kohler, WI 53044 U.S.A. (72)Name of Inventor : 1)Isaac S. Frampton 2)Douglas W. Dorn 3)Richard A. Mauk,
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(57) Abstract :

Some embodiments relate to a standby power system. The standby power system includes a sensor that is adapted to monitor a primary power source which provides power to a load. In some embodiments, the sensor may monitor characteristics of the power supplied by the primary power source 12 that may be used to sense abnormalities. The standby power system further includes a generator that is also adapted to supply power to the load. As an example, the generator may include an internal combustion engine that drives an alternator. The standby power system further includes a generator controller that operates the generator and exchanges data with the sensor. The generator controller predicts a need to supply power to the load based on data received from the sensor. The generator controller then acts to minimize a time to availability of the generator based on the prediction.



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

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/06/2015

 (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 	:H04L9/32,G06K9/00 :201210285035.5 :13/08/2012 :China :PCT/CN2012/084421 :10/11/2012 :WO 2014/026442 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WWTT TECHNOLOGY CHINA Address of Applicant :Block H He shan World Fair Electronics Technology Limited New Material Base Gonghe Town Heshan City Jiangmen Guangdong 529728 China. (72)Name of Inventor : 1)WONG Kwokfong 2)CHING Puiyi
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(54) Title of the invention : IDENTITY AUTHENTICATION DEVICE AND METHOD THEREOF

(57) Abstract :

An identity authentication device comprises a client and a background. The client comprises a plurality of terminal devices and fingerprint sensors interactively connected with each terminal device. Each fingerprint sensor comprises a collection recognition device used for collecting fingerprint information and a storage used for storing information including fingerprint information and user information of users corresponding to the fingerprint information. The background comprises an identity authentication server interactively connected with the terminal devices and a plurality of application servers interactively connected with the identity authentication server. The terminal devices are used for registering or determining the fingerprint information received by the finger sensor to recognize a user identity and transferring a registering or determining result to the identity authentication server at the background and the identity authentication server determines the authority on the plurality of application servers of users according to the result.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : REINFORCE	D MOTOR VEHICLE LO	DCK
 (54) Title of the invention : REINFORCE (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 	ED MOTOR VEHICLE LC :E05B65/12,E05B53/00 :10 2010 063 868.4 :22/12/2010 :Germany :PCT/DE2011/002108 :10/12/2011 :WO 2012/083924	<pre>OCK (71)Name of Applicant : 1)KIEKERT AKTIENGESELLSCHAFT Address of Applicant :Hseler Platz 2 42579 Heiligenhaus Germany (72)Name of Inventor : 1)G-TZEN Klaus 2)GROSSMANN Alexander </pre>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MLLER Dorothea
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a motor vehicle lock comprising a lock housing a lock case a locking mechanism and an operating device wherein at least one component of the operating device extends through an opening in the lock housing and said opening is designed with at least one reinforcing insert. The main area of the plate or the metal sheet from which the lock case is made is basically relatively large. In light of this it has proved advantageous to form the reinforcing insert from the lock case. Waste is thus avoided.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD OF BOOTS	TRAPPING CO	NTACT CENTER
(51) International classification	:H04M3/00	(71)Name of Applicant :
(31) Priority Document No	:13/630,013	1)AVAYA INC
(32) Priority Date	:28/09/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MCCORMACK, TONY
(87) International Publication No	: NA	2)ARCY, PAUL D'
(61) Patent of Addition to Application Number	:NA	3)O'CONNOR NEIL
Filing Date	:NA	4)BURKE, SEAN
(62) Divisional to Application Number	:NA	5)SMYTH, JOSEPH
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention provide a system and method to generate skill information. The method includes retrieving information relating to an agent of a contact center, wherein the information includes document and information repositories, knowledge sharing reports, mail repositories, and customer, supervisor, and peer feedbacks. The information may also include information from external sources including social network. The method further includes determining keywords from the retrieved information, and generating skill information for the at least one agent.

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11	Million P		

No. of Pages : 28 No. of Claims : 11

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : NOVEL PURIFICATION PROCESS FOR MONOCLONAL ANTIBODIES

(51) International classification	:C07K16/00, C07K1/36	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant : ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BANDYOPADHYAY, SANJAY
Filing Date	:NA	2)MENDIRATTA, SANJEEV KUMAR
(87) International Publication No	: NA	3)SINGH, AVANISH KUMAR
(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 an improved method for the purification of monoclonal antibody from cell culture. Process of purification of the desired monoclonal antibody comprises affinity, hydrophobic interaction and optionally ion exchange column chromatography. It provides more than 99% purity of the desired monoclonal antibody.



No. of Pages : 29 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC ASR BASED ON SOCIAL MEDIA

(51) International classification :G10	0L15/06 (71)Name of Applicant :
(31) Priority Document No :13/6	621,086 1)AVAYA INC
(32) Priority Date :15/0	09/2012 Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country :U.S.	S.A. RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)ERHART, GEORGE W.
(87) International Publication No : NA	A 2)MATULA, VALENTINE C.
(61) Patent of Addition to Application Number :NA	3)SKIBA, DAVID J.
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	х

(57) Abstract :

System and method to adjust an automatic speech recognition (ASR) engine, the method including: receiving social network information from a social network; data mining the social network information to extract one or more characteristics; inferring a trend from the extracted one or more characteristics; and adjusting the ASR engine based upon the inferred trend. Embodiments of the method may further include: receiving a speech signal from a user; and recognizing the speech signal by use of the adjusted ASR engine. Further embodiments of the method may further include: producing a list of candidate matching words; and ranking the list of candidate matching words by use of the inferred trend.

No. of Pages : 43 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : MULTIPLE-DATA-STREAM SERIAL FLASH MEMORY DEVICE

(51) International classification	:G11C11/4193, G11C16/06, G11C11/4197	 (71)Name of Applicant : 1)MediaTek Inc. Address of Applicant :No. 1, Dusing Rd. 1st, Science-Based
(31) Priority Document No	:NA	Industrial Park, Hsin-Chu 300, Taiwan, R.O.C.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Clark Shihyen SHUIEH
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 access method for a SPI flash memory having a flash memory array and supporting a plurality of data streams is provided. A stream initiate command for a data stream and address information are received. The stream initiate command includes an access type and an identity number of the data stream. The address information includes a page address of a page and an address pointer. Data is read-out from the flash memory array to a stream register corresponding to the data stream according to the stream initiate command and the page address or written into the flash memory array in the stream register corresponding to the data stream according to the stream according to th



No. of Pages : 33 No. of Claims : 12

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : WHEEL WEIGHT ASSEMBLY

(51) International classification	:B60B15/28	(71)Name of Applicant :
(31) Priority Document No	:13/530,299	1)DEERE & COMPANY
(32) Priority Date	:22/06/2012	Address of Applicant :ONE JOHN DEERE PLACE,
(33) Name of priority country	:U.S.A.	MOLINE, ILLINOIS, 61265-8098, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)EASTON DAVID J
(87) International Publication No	: NA	2)ROTH JONATHAN T
(61) Patent of Addition to Application Number	:NA	3)BIEDERMAN TIMOTHY W
Filing Date	:NA	4)MARTIN RONALD A
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wheel weight assembly mounts to a vehicle wheel disk section. The wheel weight assembly includes an annular starter weight mounted to the wheel disk section. The starter weight has mounting bores extending there through and centering taps projecting therefrom. The assembly also includes threaded members, nut members, an outer weight and attaching bolts. The starter weight includes a plurality of depressions. Each depression receives and prevents rotation of a nut member. Each threaded member extends through a corresponding one of the mounting bores and into a corresponding one of the nut members. The outer weight has attaching bores and centering receives the centering tabs. Each attaching bolt extends through a corresponding one of the attaching bores and is threadably received by a corresponding one of the nut members.



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

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DISTRIBUTED COMPUTATION USING HETEROGENEOUS COMPUTING NODES

(51) International classification	:G06F7/38, G06F9/46	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MUKHERJEE, Arijit
Filing Date	:NA	2)BANDYOPADHYAY, Soma
(87) International Publication No	: NA	3)UKIL, Arijit
(61) Patent of Addition to Application Number	:NA	4)BHATTACHARYYA, Abhijan
Filing Date	:NA	5)DEY, Swarnava
(62) Divisional to Application Number	:NA	6)PAL, Arpan
Filing Date	:NA	7)PAUL, Himadri Sekhar

(57) Abstract :

Disclosed is a system and method of utilizing plurality of constrained edge devices for distributed computation. The system enables integration of the edge devices like residential gateways and smart phone into a grid of distributed computation. The edged devices with constrained bandwidth, energy, computation capabilities and combination thereof are optimized dynamically based on condition of communication network. The system further enables scheduling and segregation of data, to be analyzed, between the edge devices. The system may further be configured to preserve privacy associated with the data while sharing the data between the plurality of devices during computation.

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Figure 2	

No. of Pages : 21 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AC/AC CONVERTER FOR CONVERSION BETWEEN THREE PHASE AND SINGLE PHASE POWER SUPPLIES

(51) International classification	:H02M1/10, H02M5/257, H02M7/12, H02M7/53	 (71)Name of Applicant : 1)KRAFTPOWERCON INDIA PRIVATE LIMITED Address of Applicant :7 ELECTRONICS ESTATE, PUNE - SATARA ROAD, PUNE - 411009, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	2)SYMBIOSIS INTERNATIONAL UNIVERSITY
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MOHITE SANJAY BHAGWAN
(86) International Application No	:NA	2)KULKARNI YOGESH MADHUKAR
Filing Date	:NA	
(87) 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 bi-directional AC/AC converter is designed to provide improved AC/AC power conversion along with reduced switching losses, reduced harmonic distortion and improved power factor. The converter is characterized by bi-directional switches comprising IGBTs that are selectively turned ON to generate an output AC voltage having a frequency in the range 50 Hz to 30 kHz. The conduction of IGBTs for each phase of a three phase supply is controlled by a control circuit provided therein.



(PRICE ART) FIGURE 1

No. of Pages : 30 No. of Claims : 9
(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : COOLANT CONTROL AND WIPER SYSTEM FOR A CONTINUOUS CASTING MOLTEN METAL MOLD

(51) International classification:B2(31) Priority Document No:12/(32) Priority Date:25/(33) Name of priority country:U.S(86) International Application No:PCFiling Date:19/(87) International Publication No:WG(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NA
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(57) Abstract :

A coolant or wiper control system for use in continuous casting mold for controlling and managing the coolants interaction with the castpart during casting. In some aspects of the process the wiper framework is started sufficiently away from the bottom block so as not to interfere or cause/allow coolant to get into the bottom block; is then rapidly moved back to the emerging castpart during transient heat up; and then moved away from the mold with the solidified castpart at a controlled rate to a predetermined steady state position or to a second transitory state of the casting.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CALL ROUTING IN A COMMUNICATION SYSTEM BASED ON USER SELECTED PREFERENCE MODES

(51) International classification	:H04W 76/02	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SESHADRI, VEERA RAGHAVAN
Filing Date	:NA	2)SUBBIAH, BALAMURUGAN
(87) 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 routing call in the communication system based on preferences set by the subscriber is provided. The communication device of the subscriber stores and updates the network server, the profile of the subscriber comprising contact details associated with the terminating user. The subscriber sets preferences based on the priority preference mode and economy preference mode in the network server. Further, the network server communicates with the communication device in order to receive selection of the preference mode. Upon receiving the selection of preference mode, the network server routes the call to the contact number of the terminating user by identifying the profile of the subscriber.

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No. of Pages : 50 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : FURNITURE		
(51) International algoritization	· A 47D 22/0C	(71)Nama of Applicant .
(51) International classification	:A4/B23/00	(71)Name of Applicant: 1)KOKUVO FUDNITUDE COLUTD
(31) Priority Document No	012691	Address of Applicant :1-1, OIMAZATO MINAMI 6-
(32) Priority Date	:25/01/2013	CHOME, HIGASHINARI-KU, OSAKA-SHI, OSAKA 537-8686,
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MURAKAMI, TOMOKAZU
(87) International Publication No	: NA	2)ISHIGAMI, TOMOMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Furniture is provided having a connecting member which enables welding work by a worker relatively easy while strength of the entire furniture is maintained. Furniture A is configured such that a board material 1 and a leg frame 3 supporting this board material 1 are provided, the leg frame 3 is provided with connecting members x1, x2, and x3, the connecting members x1, x2, and x3 have plate-shaped connecting portions x1a, x2a, and x3a each formed into a plate shape on the both end portions, respectively, the plate-shaped connecting portions x1a, x2a, and x3a are attached to side board receivers 31 and 32 or the legs 33, 34, 37 and 38 by welding, and the board 1 has a function as a strength member for reinforcing the leg frame 3.



No. of Pages : 80 No. of Claims : 15

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : NEW TRISAZO REACTIVE DYES AND DYESTUFF MIXTURES

(51) International classification	:C09B62/513, C09B62/475	(71)Name of Applicant : 1)COLOURTEX INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :SURVEY NO 91, PAIKEE BHESTAN
(32) Priority Date	:NA	NAVASARI-SURAT ROAD, SURAT - 395 023, GUJARAT
(33) Name of priority country	:NA	(INDIA)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DESAI; PANKAJ
(87) International Publication No	: NA	2)SCHUMACHER; CHRISTIAN
(61) Patent of Addition to Application Number	:NA	3)VASHI: ASHIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

New fibre reactive trisazo dyestuffs of formula (1) Formula (1) wherein K is a radical of the formulae Q2 The present invention further relates to a process for the preparation of the compounds of the formula (1). as well as mixtures of formula (1) with bisazo dyes of formula (2) which optionally comprises further dyestuffs for shading.

Kmk[]) No. of Pages : 63 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : IDENTITY AUTHENTICATION AND MANAGEMENT DEVICE AND METHOD THEREOF :H04L9/32 (71)Name of Applicant : (51) International classification 1)WWTT TECHNOLOGY CHINA (31) Priority Document No :201210285041.0 (32) Priority Date :13/08/2012 Address of Applicant :Block H He shan World Fair (33) Name of priority country :China Electronics Technology Limited New Material Base Gonghe (86) International Application No :PCT/CN2012/084422 Town Heshan City Jiangmen Guangdong 529728 China Filing Date :10/11/2012 (72)Name of Inventor : (87) International Publication No :WO 2014/026443 1)WONG Kwokfong (61) Patent of Addition to Application 2)CHING Puiyi :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed is an identity authentication and management device comprising a client and background. The client comprises a terminal device and a fingerprint sensor. The fingerprint sensor comprises a collection recognition device used for collecting fingerprint information and a storage used for storing information including fingerprint information and user information of users corresponding to the fingerprint information. The terminal device is used for registering or recognizing the fingerprint information collected by the fingerprint sensor. The background comprises an identity authentication server interactively connected with the terminal device and a plurality of application management areas interactively connected with the identity authentication server. Each application management area comprises an application unit and application information. When the fingerprint information is registered or recognized by the terminal device the identity authentication server generates or checks the user information corresponding to the fingerprint information and enters the application management area of the user and can operate the application unit or the application information in the application management area.

No. of Pages : 17 No. of Claims : 11

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND REACTOR FOR PRODUCING CARBON NANOTUBES AND OTHER CARBONIZED PRODUCTS DERIVED THEREFROM

(51) International classification	:C01B31/02,B82B 3/00	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(32) Priority Date	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHARE RUPESH ARUN
(87) International Publication No	: NA	2)AGARWAL UDAY SHANKAR
(61) Patent of Addition to Application Number	:NA	3)THALIYIL VEEDU SREEKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for the preparation of carbon nanotubes (CNTs) that consists of introducing a precursor for metal catalyst in an isothermal zone (102) of a heated furnace (104) of an apparatus (100) for the preparation of carbon nanotubes to generate nano-sized catalyst particles; feeding, at least once, a hydrocarbon through at least one inlet port (106) into the isothermal zone of the furnace to yield CNTs. The present disclosure also provides an apparatus (100) for the preparation of the CNTs.



FIGLIGS I

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

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PHOTOCATALYTIC COMPOSITION FOR ENVIRONMENTAL PURIFICATION AND METHOD THEREOF

(51) International classification	:B01J37/025, B01D53/88, B01J27/18	 (71)Name of Applicant : 1)Everest Instruments Pvt. Ltd. Address of Applicant :C 301 Ganesh Meridian, Opp. Gujarat
(31) Priority Document No	:NA	High Court, SG Highway, Ahmedabad, Gujarat 380060 Gujarat
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATEL, Ajitbhai Joitabhai
Filing Date	:NA	
(87) 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 provides a composition for environmental clarification comprising: a photocatalyst; a redox agent; an absorbent; a stabilizing agent; and water, wherein photocatalyst is coated with apatite. The present disclosure further relates to a process for producing a composition for environmental clarification.



No. of Pages : 51 No. of Claims : 14

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR ISOLATION, PURIFICATION AND INDUSTRIAL SCALE EXPANSION OF CANINE ADIPOSE TISSUE DERIVED MESENCHYMAL STEM CELLS

 (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 	:C12N5/074, C12N5/071 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)KASIAK RESEARCH PVT. LTD Address of Applicant :HOECHST HOUSE, 17TH FLOOR, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor : 1)TOTEY, SATISH MAHADEORAO 2)REDDY, MANOJ KUMAR C 3)FONSECA, LYLE CARL 4)GOWDA, SHASHANK 5)HARI AARYA 6)CHOUGULE BASAVARAJ 7)SODHI MINITA
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(57) Abstract :

The invention relates to a method for isolation, purification and industrial scale expansion of canine adipose tissue derived mesenchymal stem cells (MSCs). The invention also relates to a method for treating and a therapeutic product for treating osteoarthritis, spinal cord injury, atopic dermatitis, dilated cardiomyopathy, type-1 diabetes, renal failure, hepatic disease and nonhealing wounds comprising MSCs.



No. of Pages : 37 No. of Claims : 9

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR ISOLATION, PURIFICATION AND INDUSTRIAL SCALE EXPANSION OF EQUINE ADIPOSE TISSUE DERIVED MESENCHYMAL STEM CELLS

 (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 	:C12N5/074, C12N5/071 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)KASIAK RESEARCH PVT. LTD Address of Applicant :HOECHST HOUSE, 17TH FLOOR, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor : 1)TOTEY, SATISH MAHADEORAO 2)REDDY, MANOJ KUMAR C 3)FONSECA, LYLE CARL 4)GOWDA, SHASHANK 5)HARI AARYA 6)CHOUGULE BASAVARAJ 7)SODHI MINITA
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(57) Abstract :

The invention relates to a method for isolation, purification and industrial scale expansion of equine adipose tissue derived mesenchymal stem cells (MSCs). The invention also relates to a method for treating and a therapeutic product for treating tendon injury, ligament injury, osteoarthritis and exercise induced pulmonary hemorrhage comprising MSCs.



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No. of Pages : 37 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 05/06/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (86) International Publication No (87) International Publication No (92) Publication Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Publication No (94) Publication No (94) Publication No (94) Publication No (95) Publication Number (94) Publication No (95) Publication Number (94) Publication No (95) Publication Number (95) Publication Number (94) Publication Number (95) Publication Number (96) Publication N	 (71)Name of Applicant : (71)Name of Applicant : (71)SHENZHEN COOCAA NETWORK TECHNOLOGY (O. LTD Address of Applicant :Room 803 Unit A Skyworth Bldg. (Gaoxin Ave.1.S. Sci Tech Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : (72)Name of Inventor : (72)SHEN Sikuan
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(54) Title of the invention : LENS LED BACKLIGHT MODULE AND DISPLAY DEVICE

(57) Abstract :

A lens an LED backlight module and a display device. The lens receives light rays emitted by a light source (8) through a light incident surface (9). After the light rays emitted by the light source enter the lens a part of the light rays (P1 P3) are directly refracted out from one light output surface and the other part of the light rays (P2 P4 P5) are first reflected to another light output surface or a bottom surface (10) through one light output surface then reflected to still another light output surface through the another light output surface or the bottom surface and finally refracted out from the still another light output surface. Accordingly the light rays emitted by the light source are scattered in the lens and then refracted out from different light output surfaces of the lens; therefore light output areas are enlarged and the light output uniformity is good. The lens is especially applicable to various LED backlight modules and display devices.

No. of Pages : 16 No. of Claims : 10

(54) Title of the invention : EVALUATING ONSCREEN KEYBOARD

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(51) International classification	:G06F3/01,G06F3/02	(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,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHATTERJEE, DEBATRI
(61) Patent of Addition to Application	•NI A	2)SINHARAY, ARIJIT
Number		3)SINHA, ANIRUDDHA
Filing Date	.INA	4)PAL, ARPAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method and a system for evaluating two onscreen keyboards by determining cognitive scores associated with each of the two onscreen keyboards. The method comprises receiving a first set of parameters and a second set of parameter associated with a first onscreen keyboard and a second onscreen keyboard, respectively. The method further comprises determining a first cognitive score for the first onscreen keyboard using the first set of parameters. The method further comprises determining a second cognitive score for the second onscreen keyboard using the second set of parameters. The method further comprises validating the first cognitive score and the second cognitive score using an Electroencephalography (EEG) signal of the user. The EEG signal of the user is captured while the user is using the first onscreen keyboard and the second onscreen keyboard.

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Figure 6 No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 05/06/2015

(51) International classification(31) Priority Document No(32) Priority Date	:H04N 13/04 :NA :NA	(71)Name of Applicant : 1)SHENZHEN COOCAA NETWORK TECHNOLOGY CO. LTD
(33) Name of priority country	:NA	Address of Applicant :Room 803 Unit A Skyworth Bldg.
(86) International Application No	:PCT/CN2012/085885	Gaoxin Ave.1.S. Sci Tech Park Nanshan Shenzhen Guangdong
Filing Date	:05/12/2012	518057 China
(87) International Publication No	:WO 2014/085991	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)CHEN Dijun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : 3D INTELLIGENT TERMINAL AND SYSTEM BASED ON GLASSSES

(57) Abstract :

An eyeglass based 3D intelligent terminal (21) and a system. The 3D intelligent terminal (21) comprises a camera (11) a signal processing unit (12) a register (13) an eyeglass switching signal emitter (14) and a screen (15) wherein the camera (11) is used for photographing objects in front of the screen (15) of the 3D intelligent terminal; the signal processing unit (12) is used for analyzing photographed pictures judging whether audiences exist in all pre partitioned regions in front of the screen (15) of the 3D intelligent terminal or not and recording the judged result in the register (13); the signal processing unit (12) is also used for determining the pre partitioned regions where all the audiences are located decoding viewpoint images corresponding to the pre partitioned regions where all the audiences are located decoded viewpoint images to the screen (15) for displaying; the eyeglass switching signal emitter (14) is used for outputting the viewpoint images decoded by the signal processing unit. The embodiment of the invention can improve the viewing experience of audiences.

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

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : GREEN GARBAGE SOLUTION		
(51) International classification	:C11B9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE KELKAR EDUCATION TRUST'S V. G. VAZE
(32) Priority Date	:NA	COLLEGE
(33) Name of priority country	:NA	Address of Applicant :V. G. VAZE COLLEGE CAMPUS,
(86) International Application No	:NA	MITHAGAR ROAD, MULUND (EAST), MUMBAI - 400 081,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)THERGAONKAR, RENUKA
Filing Date	:NA	2)LOMATE, AJIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a product composed of natural essential oils or aroma chemicals and polymers useful for reducing the malodour of garbage and to simultaneously degrades the waste. The product of the invention masks the malodour and simultaneously degrades the waste which can be seen in the form of reduction in the mass of the product.

No. of Pages : 17 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR OPERATING A DIRT STOP SURFACE DIRT STOP SURFACE UNIT AND DIRT STOP SURFACE ASSEMBLED THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publica	A47L23/22 (71)Name of Applicant : 1)HUBER Ilona Katalin Address of Applicant :Feketefej utca 19 H 1029 Budapest Hungary (72)Name of Inventor : 1)MAGONY Rich;rd
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(57) Abstract :

The invention relates to a method for cleaning of indoor or outdoor areas by operating a dirt stop surface comprising the steps of dividing the dirt stop surface (1) into surface units (4) dispensing a fluid flow on the surface to be cleaned while the proximity of the surface to be cleaned is sensed separately for each surface unit (4) and the fluid is dispensed from the surface units (4) of the dirt stop surface in a selective manner such that only the surface units (4) in the proximity of which the presence of the surface to be cleaned has been sensed are applied for dispensing the fluid. The invention relates further to a dirt stop surface unit and a dirt stop surface assembled therefrom that is capable of carrying out the method.

No. of Pages : 27 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN AUCTIONING PLATFORM

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LEMON TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :T-720, BELGIUM TOWER, OPP.
(33) Name of priority country	:NA	LINEAR BUS STAND, RING ROAD, SURAT - 2, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NIRAV DINESHCHANCRA JOGANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :DA system and method for conducting interactive auction or tender event on a service provider platform between atleast one host user and remote bidders registered with the service provider platform. The present invention provides a system and method for conducting interactive auction or tender event on a service provider platform between at-least one host user and remote bidders registered with the service provider platform. The system includes a central server having the server provider platform accessible by at least one host user device and/or bidder device. The central server includes means for communicating with the host user devices and the bidder devices and a processor for generating at least one auction or tender event to be hosted on the service provider platform wherein the auction or tender is created by at least one host user. The processor is configured for analyzing one or more bids received for an article listed in the auction or tender and providing result based upon at least one bidding parameter and the ranking of the bidder.



No. of Pages : 27 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : MODIFIED PRESSURIZED HORIZONTAL KEROSENE STOVE TO RUN ON STRAIGHT VEGETABLE OILS AS FUELS

(51) International classification (31) Priority Document No. (31) Priority Document No.	 (71)Name of Applicant : 1)DR. M.S.MURTHY Address of Applicant :PROFESSOR, MECH. ENGG. INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, PITHAMPUR ROAD, OPP. TO UM, INDORE, PAUL INDORE
(32) Priority Date :NA	153331 Madhya Pradesh India
(32) Finally Date .NA (33) Name of priority country :NA (86) International Application No :NA	(72)Name of Inventor : 1)DR M S MURTHY
Filing Date :NA	2)PAKALE PRASHANT NIMBA
(87) International Publication No : NA	3)PAWAR PAVAN RAJU
(61) Patent of Addition to Application Number :NA	4)MAHALE PARAMVIR CHANDRAKANT
Filing Date :NA	5)PAWAR MANOJ SANTOSH
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The Earths limited reserves of fossil fuel are a matter of global concern as these are under threat of continuous depletion due to over exploitation. However, these finite reserves are concentrated in certain region of the world and would soon get exhausted. In view of the above problems, the search for alternative fuel has become extensively important. These alternative fuels should be renewable and eco-friendly. Thus, the use of non edible vegetable oil comes into focus. The main advantages of vegetable oils as fuel are ready availability, renewability, lower sulphur and aromatic content, and biodegradability. This is the innovative stove that has been developed can run on renewable non edible straight vegetable oils. The Vegetable oil is produced domestically which helps to reduce costly petroleum Imports. Development of the bio-fuel industry would strengthen the domestic, and particularly the rural, agricultural economy of agricultural based countries like India. It is biodegradable and nontoxic. It is a renewable fuel that can be made from agricultural crops and or other feed stocks that are considered as waste. However, the use of SVOs (straight vegetable oils) as a fuel is restricted by certain unfavorable properties, particularly their viscosity. In an agricultural based and petroleum importing country like India, there is a greater need to explore the use of vegetable oils as a fuel because of the possibility of large production capacity of these oils and producing it near the consumption points. Kerosene is most popular domestic fuel in rural parts of the country. Kerosene is meant to be used as a cooking, lighting or heating fuel that is heavily subsidized so that it can be purchased more easily by Indias poor. However, with ever increasing cost of kerosene and huge subsidies by the government kerosene is fast disappearing from rural households. In the present innovation a new type of horizontal pressurized kerosene stove is developed which consists of two tanks. In one of the tank regular kerosene is filled and in another tank straight vegetable oil is filled. A new innovation has been done in the pipeline connecting this tank with the burner. A heating coil is provided here which preheats the fuel. Initially the stove is started on kerosene, after about 2 min when the preheating coil is heated up the valve 1 is slowly closed and valve 2 is slowly opened simultaneously, and finally valve 1 is completely closed and valve 2 completely open. Now the stove runs completely on straight vegetable oil. The tests on this stove are conducted for thermal efficiency and it is identified that the stove while running on straight vegetable oils has comparable thermal efficiency with the stove run on kerosene.



No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION	(21) Application No.2081/MUM/2013 A
(19) INDIA	
(22) Date of filing of Application :19/06/2013	(43) Publication Date : 05/06/2015
(54) Title of the invention : AN APPARATUS, SYST QUANTITY OF A MATERIAL	EM AND METHOD FOR MEASURING AND COMMUNICATING
(51) International classification	:G08C17/02, (71)Name of Applicant :

(51) International allocation	,	(· -)- (······ ·
(51) International classification	F17C13/02	1)SUMAN, Shailendra K
(31) Priority Document No	:61/661,766	Address of Applicant :1101 Porters Pond Lane Matthews, NC
(32) Priority Date	:19/06/2012	28105, USA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SUMAN, Shailendra K
Filing Date	:NA	
(87) 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 apparatus, system and method for measuring quantity of a material are disclosed. One or more sensors are used to measure the quantity of the material are measured and error causing parameters are also measured. Error causing parameters are processed by executing one or more correction methodologies to determine a correction output. The quantity of the material is measured by using the correction output. One or values associated with the quantity of the material are measured and displayed. The one or more values are transmitted to a server and informative messages are received from the server.



No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ENSURING HIGH AVAILABILITY IN AN ENTERPRISE IMS NETWORK

(51) International classification :G0	G06F15/173 (71)Name of Applicant :
(31) Priority Document No :13/	3/629,864 1)AVAYA INC
(32) Priority Date :28/	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country :U.S	J.S.A. RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No :NA	VA (72)Name of Inventor :
Filing Date :NA	VA 1)O'CONNOR NEIL
(87) International Publication No : NA	NA 2)DIARMUID, LEONARD
(61) Patent of Addition to Application Number :NA	NA
Filing Date :NA	JA
(62) Divisional to Application Number :NA	NA
Filing Date :NA	JA

(57) Abstract :

A transport unit comprising two parallel retaining plates, which each have an arrangement of means for retaining lidded containers, and a plurality of lidded containers, which each have a tubular container and at the top of the container a closure element projecting radially outward with respect to the container, wherein lidded containers of a group of lidded containers are held parallel to each other by means for retaining of the one retaining plate, and lidded containers of another group of lidded containers are held parallel to each other by means for retaining of the other retaining plate, the lidded containers of the one group are disposed oppositely aligned to the lidded containers of the other group and nested within each other.



No. of Pages : 31 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : INCREASING CONTACT CENTER EFFICIENCY VIA MULTI-CAST AND MULTI-ITEM PRESENTATION

(51) International classification	:H04M3/46, H04M3/51, H04M3/523	 (71)Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING
(31) Priority Document No	:13/630,084	RIDGE NEW JERSEY 07920 U.S.A.
(32) Priority Date	:28/09/2012	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)HARTMAN, MICHAEL
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 contact center includes a resource selection module operable to determine and select a plurality of agents based on a work request. The plurality of agents includes agents suitable for the work request. Further, the plurality of agents includes agents having previous work requests in a presenting state. Furthermore, the plurality of agents includes agents working below individual capacity of the agents for simultaneously handling work requests. Further, the plurality of agents is dynamic and may increase in size. The contact center further includes a resource connector module operable to present the work request simultaneously to the plurality of agents. The resource connector module further may subsequently present the work request to newly available suitable agents. The resource connector module further routes the work request to an agent based on actual agent responsiveness.



No. of Pages : 31 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR MODIFYING A STRUCTURE WITH A REINFORCED FLOOR :E02D29/02,E02D37/00 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)TERRE ARMEE INTERNATIONALE** :10 61210 (32) Priority Date :23/12/2010 Address of Applicant :1Bis rue du Petit Clamart F 78140 (33) Name of priority country Velizy Villacoublay France :France (72)Name of Inventor : (86) International Application No :PCT/FR2011/053166 **1)FREITAG Nicolas** Filing Date :22/12/2011 (87) International Publication No :WO 2012/085486 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method for modifying a structure with a reinforced floor said structure comprising: an embankment a first facing including an outer surface defining the front surface of the structure and at least one stabilisation element connected to the first facing and extending in a reinforced area of the embankment located to the rear of the front surface of the structure. According to the invention the modification method includes the following steps during which: a second facing is arranged along the length of the outer surface of the first facing the stabilisation element is disconnected from the first facing and the stabilisation element is connected to the second facing.

No. of Pages : 22 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROJECT RISK PATTERNS MODELING AND RISK MITIGATION

 (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 	:G06Q10/00, G06Q10/06 :13/899,689 :22/05/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 (72)Name of Inventor : 1)VINNAKOTA, Tirumala Rao 2)MANDALEEKA, Narayana Guru Prasada Lakshmi
(62) Divisional to Application Number Filing Date	:NA :NA	
 (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 	:13/899,689 :22/05/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 (72)Name of Inventor : 1)VINNAKOTA, Tirumala Rao 2)MANDALEEKA, Narayana Guru Prasada Lakshmi

(57) Abstract :

The present subject matter relates to project risk patterns modeling and risk mitigation. The method includes obtaining a plurality of potential risk factors associated with a project. Further, at least one interacting potential risk factor influencing at least another potential risk factor may be ascertained. The ascertaining is performed based on interaction indicators. The interaction indicators are indicative of an interaction between the at least one interacting potential risk factor and the at least another potential risk factor. Further, a risk emergence pattern is identified based on the interaction between the at least one interacting potential risk factor and the at least one interacting potential risk factor. The risk emergence pattern is indicative of a recurrent interaction between the at least one interacting potential risk factor and the at least one interacting potential risk factor and the at least one interacting potential risk factor and the at least one interacting potential risk factor and the at least one interacting potential risk factor.



Fig. 4 No. of Pages : 31 No. of Claims : 15

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : IMPROVED THROTTLE VALVE HAVING REGULATED BREATHER HOLE FOR MAINTAINING HIGH BACK PRESSURE AT LOWER ENGINE RPMS

(51) International classification:F02B25/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	 (71)Name of Applicant : 1)Rajiv Rosha Address of Applicant :Bunglow no 71, Telco Senior Officers Co-op Hsg Society, Telco Colony, Pimpri, Pune Maharashtra India (72)Name of Inventor : 1)Rajiv Rosha
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(57) Abstract :

Disclosed herein is an improved exhaust braking system capable of providing optimum back pressure at lower engine RPMs by advantageous incorporation of a regulated breathing hole. It is a further intention of the present inventor to disclose operation of said improved exhaust brake and its deployment in automobiles.

No. of Pages : 13 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 05/06/2015

(51) International classification (31) Priority Document No.	:H04N7/26 :61/417798	(71)Name of Applicant : 1)MEDIATEK INC
 (31) Priority Document ito (32) Priority Date (32) Name of priority country 	:29/11/2010	Address of Applicant :No. 1 Dusing Road 1 Science Based
(86) International Application No	:0.S.A. :PCT/CN2011/075013	(72) Name of Inventor :
Filing Date (87) International Publication No	:31/05/2011 :WO 2012/071871	1)LIN Jian Liang 2)TSAI Yu Pao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HUANG Yu Wen 4)LEI Shaw Min
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD AND APPARATUS OF EXTENDED MOTION VECTOR PREDICTOR

(57) Abstract :

A method and apparatus for determining a motion vector predictor (MVP) or a MVP candidate based on a MVP set are disclosed. In video coding systems the spatial and temporal redundancy is exploited using spatial and temporal prediction to reduce the video data to be transmitted or stored. Motion vector prediction has been used to further conserve the bitrate associated with motion vector coding. Motion vector prediction technique being developed for the current high efficiency video coding (HEVC)only uses a MVP candidate set including spatial MVP candidates and a temporal candidate corresponding to the co located block. In the current disclosure the spatial and temporal motion vector predictor set is extended to include at least one spatially neighboring block associated with list 0 reference pictures and list 1 reference pictures and co located block and its neighboring block associated with list 0 reference pictures.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC SUGGESTION OF OPTIMAL COURSE OF ACTION

(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:13/629,898	1)AVAYA INC
(32) Priority Date	:28/09/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)O'CONNOR NEIL
(87) International Publication No	: NA	2)ARCY, PAUL D'
(61) Patent of Addition to Application Number	:NA	3)MCCORMACK, TONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of dynamically determining an optimal course of action for a user in an enterprise is provided. The method includes connecting a proxy to a complex event processing (CEP) engine to integrate the CEP engine with a communication framework of the enterprise, dynamically adding a user device into a communication framework of the enterprise based upon a user device location, determining contextual information related to the user from the communication framework of the enterprise, determining real time information related to the contextual information of the user from the communication framework of the enterprise, and determining an optimal course of action for the user based upon the contextual information and the real time information.



No. of Pages : 26 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD OF IMPROVING CONTACT CENTER SUPERVISOR DECISION MAKING

(51) International classification	:G06Q10/06	(71)Name of Applicant :
(31) Priority Document No	:13/630,179	1)AVAYA INC
(32) Priority Date	:28/09/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)O'CONNOR NEIL
(87) International Publication No	: NA	2)ARCY, PAUL D'
(61) Patent of Addition to Application Number	:NA	3)MCCORMACK, TONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments of systems and methods for facilitating decision making in a business operation are described herein. In an embodiment, the method involves receiving a first set of data representing predefined optimal performance factors of the business operation and generating a performance baseline based on an aggregate of the optimal performance factors. Further, the method involves receiving, in real-time, a second set of data representing performance measures initiated by a plurality of entities and predicting a potential business performance based on analyzing a collective impact of the initiated performance measures on a current business performance. In another aspect, the method involves comparing the predicted business performance with the generated performance baseline and providing a recommendation on the initiated performance measures based on the comparison.



No. of Pages : 26 No. of Claims : 12

(21) Application No.2923/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : GASTRORETENTIVE DOSAGE FORMS OF GABA ANALOGS

(51) International classification	:A61K47/32, A61K9/00,	(71)Name of Applicant : 1)RUBICON RESEARCH PRIVATE LIMITED Address of Applicant :221 Appears Building Correspon
(31) Priority Document No(32) Priority Date	:1676/MUM/2010 :01/06/2010	Mulund Link Road Opposite Indira Container Yard Off L.B.S. Marg Bhandup (West) Mumbai 400 078 Maharashtra India
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:India :PCT/IB2011/001200 :01/06/2011 :WO/2011/151708 :NA	 (72)Name of Inventor : 1)PILGAONKAR Pratibha Sudhir 2)RUSTOMJEE Maharukh Tehmasp 3)GANDHI Anilkumar Surendrakumar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present invention relates to gastroretentive dosage forms of gamma aminobutyric acid (GABA) analogs, and to processes for preparation of the same. The present invention provides gastroretentive dosage forms comprising GABA analog, at least one swelling agent and at least one non-swelling release retardant.

No. of Pages : 37 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS DGAT1 INHIBITORS

(51) International classification	:C07D231/12,C07D263/32,C07D263/34	(71)Name of Applicant : 1)PIRAMAL ENTERPRISES LIMITED
(31) Priority Document No	:61/379760	Address of Applicant :Piramal Tower Ganpatrao Kadam Marg Lower Parel Mumbai 400 013 Maharashtra, India
(32) Priority Date	:03/09/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)SHARMA Rajiv 2)KADAM Kishorkumar Shivajirao
(86) International Application No Filing Date	:PCT/IB2011/053810 :31/08/2011	3)JADHAV Ravindra Dnyandev 4)KANDRE Shivaji Sadashiv 5)GUPTE Amol
(87) International Publication No	:WO 2012/029032	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to heterocyclic compounds of Formula (1) in all their stereoisomeric and tautomeric forms; and their pharmaceutically acceptable salts solvates polymorphs prodrugs carboxylic acid isosteres and N oxides. The invention also relates to processes for the manufacture of the heterocyclic compounds and to pharmaceutical compositions containing them. The said compounds and their pharmaceutical compositions are useful in the prevention and treatment of diseases or disorders mediated by diacylglycerol acyltransferase (DGAT) particularly DGAT1. The present invention further provides a method of treatment of such diseases or disorders by administering a therapeutically effective amount of said compounds or their pharmaceutical compositions to a mammal in need thereof.

No. of Pages : 490 No. of Claims : 67

(19) INDIA

(22) Date of filing of Application :22/06/2013

(54) Title of the invention : APPARATUS FOR TREATED FRESH AIR UNIT

(51) International classification	:F24F 6/02, F24F 7/00	 (71)Name of Applicant : 1)SUKHDARSHAN SINGH DHALIWAL Address of Applicant :ROW HOUSE 46, LAKE PARADISE, NATIONAL HIGHWAY 4, TALEGAON DABHADE, DIST -
(31) Priority Document No	:NA	PUNE, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SUKHDARSHAN SINGH DHALIWAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 apparatus for treating fresh air and a process for producing treated fresh air energy efficiently is disclosed. The apparatus includes at least three heat exchangers through which atmospheric air is sensibly cooled using cold condensate generated by processing humid air and subsequently dehumidifying the same to achieve the desired supply air conditions. A scavenging area is defined in a top portion of the first heat exchanger. A bottom portion of the air filtration unit includes a first tray and a second tray for collecting and circulating the chilled condensate. The process for producing treated fresh unit includes sensible pre-cooling of atmospheric air, and controlling the dew point of the air, and reheating of the dehumidified air to deliver treated fresh air at a predefined temperature and humidity irrespective of inlet / ambient conditions to the apparatus.



No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHODOLOGY TO DETERMINE INFLUENCE OF INITIAL WATER CONTENT AND SPECIMEN THICKNESS ON THE SWCC OF FINE-GRAINED SOILS

(51) International classification	:G01N5/00, C05G3/00	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PROF. D.N.SINGH
(87) 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 method that can be employed for determining influence of initial water content and specimen thickness on the SWCC of fine-grained soils, further the invention facilitates suction measurement of the fine- grained soils. S WCCs were established for commercially available Kaolin and Bentonite clays, by varying the initial water contents and thickness of their specimens.



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

(22) Date of filing of Application :22/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTING CHARACTERISTICS OF APPLICATION LAYER PROTOCOL USING SENSED INDICATION

(51) International classification	:H04L12/413, H04Q9/02	(71)Name of Applicant :1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BANDYOPADHYAY Soma
Filing Date	:NA	2)BHATTACHARYYA Abhijan
(87) International Publication No	: NA	3)PAL Arpan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system and method for optimizing resource utilization in a constrained sensor gateway for transfer of data. The constrained sensor gateway can be constrained in terms of the bandwidth and energy available to transfer data. According to the disclosure, a network condition detection module is configured to detect network condition of the constrained sensor gateway. Further an adaption module is configured to determine a reliability score. Further according to the disclosure an application layer protocol of the constrained sensor gateway adapts a reliability level based on the reliability score determined by the adaption module. The adaption of the reliability level by the application layer protocol may enable the optimization of the resource in the constrained sensor gateway. The reliability level may pertain to a reliable mode, or a non-reliable mode of communication for transferring data.



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

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A NOVEL PAPER MANUFACTURING BY WATER HYACINTH WEEDS

	·D21G0/00	(71)Name of Applicant .
(51) International classification	.D2109/00, D21H	1)MACHALE JINESH SUBHASH
(21/16	Address of Applicant :1299, DESHPANDE LAYOUT,
(31) Priority Document No	:NA	SHIVAM HOSPITAL LINE, NAGPUR - 440008 M.S.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	2)THAKUR PRACHI DILIPSINGH
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MACHALE JINESH SUBHASH
(87) International Publication No	: NA	2)THAKUR PRACHI DILIPSINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Today the finest of paper are produced all over the world. But one anxiety fact is that millions of trees are fell in a day to make paper. Increased demand of paper production and limited wood resources has directed researchers to look for appropriate additional resources of non-wood materials for pulp and paper manufacturing. In this invention, we illustrate the pioneering process of pulp and paper manufacturing by Water Hyacinth (Eichhornia crassipes). Water hyacinth grows fast from seeds and from shoots that break off and grow into new plants. This plant has superior strength which can be use in the field of pulp and paper manufacturing. The water hyacinth fiber alone does not make a particularly good paper but when the fiber is blended with waste paper or jute the result is excellent.



Figure 1



Figure 2

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

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF AMORPHOUS FORM OF TOLVAPTAN

(51) International classification	:A61K9/10,A61K31/55	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ENALTEC LABS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :17TH FLOOR, KESAR SOLITAIRE,
(33) Name of priority country	:NA	PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI
(86) International Application No	:NA	MAHARASHTRA, INDIA. PIN CODE: 400705
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BOBBA VENKATA SIVAKUMAR
(61) Patent of Addition to Application	.NT A	2)KODALI ESWARA RAO
Number	INA INA	3)GIRISH BANSILAL PATEL
Filing Date	INA	4)SANJAY DASHRATH VAIDYA
(62) Divisional to Application Number	:NA	5)ALOK PRAMOD TRIPATHI
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel process for the preparation of amorphous form of tolvaptan active pharmaceutical ingredient. The process comprises, providing a solution of tolvaptan active pharmaceutical ingredient in an organic solvent, removing solvent from the solution of tolvaptan active pharmaceutical ingredient by agitated thin film drying and isolating amorphous form of tolvaptan active pharmaceutical ingredient.

No. of Pages : 10 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING THREE-DIMENSION INTERFACE BASED ON ANDROID SYSTEM

 (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 	:G06F 11/00 :201210347675.4 :19/09/2012 :China :PCT/CN2012/082110 :27/09/2012 :WO 2014/043935 :NA	 (71)Name of Applicant : 1)SHENZHEN COOCAA NETWORK TECHNOLOGY CO. LTD Address of Applicant :Unit A 1502 Skyworth Building South of Shennan Avenue Nanshan District Shenzhen Guangdong 518108 P.R.CHINA. (72)Name of Inventor : 1)ZHANG Kevin
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a method and system based on an android system for implementation of a 3D interface. The method comprises the steps of: a 3D engine library sending a user operational instruction to an android system service layer; the android system service layer sending the user operational instruction to a java end; the java end generating a response instruction according to the user operational instruction and sending the response instruction to the android system service layer; the android system service layer sending the response instruction to the 3D engine library; and the 3D engine library controlling a 3D model file to load a 3D model corresponding to the response instruction and redrawing the 3D interface. By means of an android system service layer taking charge of instruction passing and dispatching between a 3D engine library and a java end the present invention requires few operational resources avoids the problem of decrease of processing capacity caused by over high instantaneous resource loads effectively improves operation response sensitivity and allows convenient porting modifications and function extensions.

No. of Pages : 34 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A SUGGESTION LIST

 (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 Filed on 	:H04N21/475, H04N21/45 :NA :NA :NA :NA :NA : NA : NA : 01/01/1900	 (71)Name of Applicant : 1)REDIFF.COM INDIA LIMITED Address of Applicant :MAHALAXMI ENGINEERING ESTATE, #1 L.J. ROAD, MAHIM (WEST), MUMBAI 400 016, INDIA. Maharashtra India (72)Name of Inventor : 1)GAURAV RUHELA 2)VISHAL SHAH 3)KALPANA BANERJEE 4)SURABHI KHANDAVALLI
(62) Divisional to Application NumberFiling Date	:01/01/1900 :NA :NA	4)SURABHI KHANDAVALLI

(57) Abstract :

Embodiments of the present invention provide a method and apparatus for generating a suggestion list. The method includes merging a current set of multiple query candidates(QCs) with two or more historical sets of multiple QCs to obtain two or more corresponding modified sets and merging the two or more modified sets. The current set of multiple QCs is extracted from multiple digital documents (DDs) belonging to a first time period. Each of two or more time periods begin prior to the first time period. Each of the two or more time periods begin prior to the first time period. Each of the two or more time periods differ in duration and recency.



No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : CONTENT MANAGEMENT SYSTEM		
(51) International classification	:G06F17/22,	(71)Name of Applicant :
	G06F17/24	1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SURESH, Sandeep Krishna
Filing Date	:NA	2)DANI, Jayant Sudhakarrao
(87) 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 method comprising receiving a data insertion request, where the data insertion request includes a data reference, indicating data to be stored, and a data repository (108) indicator indicating a data repository (108), from amongst a plurality of data repositories in which the data is to be stored, and wherein at least one data repository from the plurality of data repositories is a big data system. Further, a resource type, from amongst one or more resource types, corresponding to the data repository (108), is identified based on the data insertion request. Further, a configuration element, from amongst one or more configuration elements, corresponding to the data repository (108) is determined based on the resource type. Further, an application programming interface (API) associated with the configuration element is triggered for establishing a connection with the data repository (108) for storing the data.



No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : COMMUNICATION METHOD UTILIZING FINGERPRINT INFORMATION FOR AUTHENTICATION

 (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 	:H04L29/06 :201210297631.5 :21/08/2012 :China :PCT/CN2012/084427 :10/11/2012 :WO 2014/029169 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WWTT TECHNOLOGY CHINA Address of Applicant :Block H He Shan World Fair Electronics Technology Limited New Material Base Gonghe Town Heshan Jiangmen Guangdong 529728 China. (72)Name of Inventor : 1)WONG Kwok Fong 2)CHING Pui Yi
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(57) Abstract :

Disclosed is a communication method utilizing fingerprint information for authentication. The method comprises the following steps: a fingerprint information exchange stage when a request instruction is received a second user verifies a request and extracts the fingerprint information thereof via a collection and identification device of a fingerprint sensing device the second user stores the fingerprint information thereof to an information exchange platform and performs an exchange with a first user to verify the identities of both parties; an encryption and transmission stage the identity of the first user is authenticated after passing the authentication the first user inputs in an encryption unit information that needs to be transmitted performs encryption via the encryption information that needs to be transmitted and introduces into a communication application unit the encryption information that needs to be transmitted and forwards same to the second user while the second user receives the encrypted information via the communication application unit; and a decryption and reading stage the identity of the second user is authenticated after passing the authenticated after passing the authentication that needs to be transmitted and forwards same to the second user while the second user receives the encrypted information via the communication application unit; and a decryption and reading stage the identity of the second user is authenticated after passing the authentication via the communication application unit; and a decryption and reading stage the identity of the second user is authenticated after passing the authentication the second user performs decryption via a decryption unit.

No. of Pages : 16 No. of Claims : 5
(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : RAPIDLY DISPERSIBLE XANTHOPHYLL FORMULATIONS AND PROCESS THEREOF

(51) International classification	:A61K 31/07, a61k 9/00	 (71)Name of Applicant : 1)OMNIACTIVE HEALTH TECHNOLOGIES LTD. Address of Applicant :OMNIACTIVE HEALTH TECHNOLOGIES LTD. RAJAN HOUSE, APPASAHEB
(31) Priority Document No	:NA	MARATHE MARG, PRABHADEVI, MUMBAI- 400025,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BRAHMESWARA RAO GUDE
Filing Date	:NA	2)DR. GIRISH GUPTA
(87) International Publication No	: NA	3)DR. GIRISH ACHLIYA
(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 rapidly dispersible and stable vegetarian xanthophylls formulations which are resistant to oxidation and highly soluble in hydrophilic media. The said formulations are suitable for direct application as colorants/additives in the pharmaceutical, food and cosmetics fields and as dietary supplements for the wellbeing of healthy population in significantly cost-effective manner.

No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROCESS CONTROL APPARATUS & METHOD		
 (54) Title of the invention : PROCESS CONTROL (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 	CL APPARATUS (G05B13/02, G05B15/02 :201220314018.5 :28/06/2012 :China :NA :NA :NA	& METHOD (71)Name of Applicant : 1)CONTROL TECHNIQUES LTD Address of Applicant :THE GRO, POOL ROAD NEWTOWN, SY16 3BE UNITED KINGDOM U.K. (72)Name of Inventor : 1)WANG WEI
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A control device, a control method and system for controlling switching in/out of execution device in a system having plurality of execution devices in parallel, are disclosed. A group of execution devices perform predetermined operations on an execution object. The control device comprises feedback unit configured to provide the difference between reference quantity and feedback quantity; and at least one control unit corresponding to each execution device of the group of execution devices respectively, which is configured to provide a target value to a driver of a corresponding execution device using a control mode based on the difference, and when any of the other execution devices are switched in/out provide a target value to the driver using another control mode. The driver drives the corresponding execution device based on the target value. The impact to the execution object may be suppressed and/or the adjustment time may be shorten.



FIGURE 1

No. of Pages : 36 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : ULTRA LOW PRESSURE DROP PACKING SHEET WITH FLOW GUIDING CUT OUT WINDOWS AND STRUCTURED PACKING

(51) International classification	·B01119/32 B01D3/00	(71)Name of Applicant ·
(31) Priority Document No	:201210258581.X	1)TIANJIN UNIVERSITY
(32) Priority Date	:24/07/2012	Address of Applicant :92 Weijin Road Nankai District Tianjin
(33) Name of priority country	:China	300072 CHINA.
(86) International Application No	:PCT/CN2012/080816	(72)Name of Inventor :
Filing Date	:31/08/2012	1)LIU Chunjiang
(87) International Publication No	:WO 2014/015548	2)DING Huidian
(61) Patent of Addition to Application	٠NIA	3)GUO Kai
Number	·NA	4)ZHANG Ting
Filing Date	.11A	5)YUAN Xigang
(62) Divisional to Application Number	:NA	6)HE Long
Filing Date	:NA	

(57) Abstract :

Disclosed are an ultra low pressure drop packing sheet with flow guiding cut out windows and a structured packing wherein the windows are cut out of wave peaks and wave troughs of the corrugated packing sheet with the cut out window being comprised of a window opening (1) and fan blades (2) such that when the window opening and the packing sheet are deployed horizontally the area of the window opening (1) is 0% 1000% of the area of the fan blades (2); when the area of the window opening (1) is zero the upper edges of the window opening (1) coincide with the lower edges thereof; a zone is included between the lower edges of the window opening (1) and a horizontal axis of the window opening (1) a definition is made such that the area of the portion below the axis is positive and the area of the portion above the axis is negative and the area of the window opening (1) needs to be greater than zero; and the intersection lines between the fan blades (2) and the packing sheet are of bilateral symmetry and an included angle a forming thereby is 10° - 170° .

No. of Pages : 19 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ESTIMATING REVERSE LINK LOADING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(32) November 1000000000000000000000000000000000000	:H04B17/00 :60/731,132 :27/10/2005	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: INTERNATIONAL IP
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2006/042060 :27/10/2006 :WO/2007/050926	ADMINISTRATION, 57/5 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA (72)Name of Inventor:
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :842/MUMNP/2008	1)BLACK, PETER, JOHN 2)MILIKOVSKY, DMITRY, R. 3)AGRAWAL, AVNEESH
Filed on	:28/04/2008	

(57) Abstract :

Method and apparatus for estimating reverse link loading in a wireless communication system. The reverse link interference is measured and reverse link receiver noise is measured. The reverse link interference is compared to the reverse link receiver noise, for example, by dividing the interference power by the receiver noise power. The reverse link receiver noise can be measured in an orthogonal frequency division multiple access (OFDMA) system by nulling transmission from access terminals within the cell and nearby during a null time and frequency interval. Power measure in the null time and frequency interval is receiver noise power. The reverse link interference can be measure by several means. For example, local null time and frequency intervals can be designated. The access terminals within the cell null their transmissions during the local time and frequency intervals. Access terminals outside the cell continue to transmit during the local time and frequency intervals. Power measured in the local time and frequency interval is interference power. As another example, interference power can be measured by subtracting pairs of pilot symbols that are contiguous to each other in time or frequency.

No. of Pages : 55 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A LINKAGE FOR ACTUATING A DISCONNECTOR SWITCH BLADE FOR SYNCHRONISING A SBS WITH DISCONNECTOR SWITCH OF RMU

(51) International classification	:H01H 31/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :35,RUE JOSEPH MONIER, F-92500
(32) Priority Date	:NA	RUEIL MALMAISON, FRANCE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANJAY D. GOGAWALE
Filing Date	:NA	
(87) 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 a linkage for actuating a disconnector switch blade in order to integrate a Shunt Breaking System (SBS) in existing disconnector switch of Ring Main Unit (RMU) which fulfills synchronization requirement of the SBS with the disconnector switch. The linkage includes a plurality of follower links connected to an offset link disposed over a drive shaft, a drive link for transferring mechanism energy to the plurality of follower links through a sliding pin joint which is directly pivoted to the offset link for ensuring the synchronization within the disconnector switch and the SBS, wherein the linkage enlarges the stroke of the disconnector switch blade during switch open and switch closed operations and maintains the stroke same as the disconnector switch mechanism during switch earth operation. The offset link is fixed over the drive shaft at offset distance from centre of the drive shaft to provide enlarged stroke of the disconnector switch blade in switch closed and switch open operations.

No. of Pages : 14 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : SYSTEM AND METHOD TO DETECT ACCURACY, PRECISION AND ERRORS IN A SERVO SYSTEM

(51) International classification :G05B	(/1)Name of Applicant :
(e)) international enabline (19/00)	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No :NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(32) Priority Date :NA	RUEIL MALMAISON, FRANCE
(33) Name of priority country :NA	(72)Name of Inventor :
(86) International Application No :NA	1)BALAJI BALARAMAN
Filing Date :NA	2)SELVAKUMAR RATHINASWAMY
(87) International Publication No : NA	3)PARTHASARATHY VENKATESH
(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 system to detect accuracy, precision and errors in a servo system (100). The invented system (100) comprises of a servo drive (102), a servo motor (104), load (106), end limits (108), measuring device (110), feedback device (114), and communication channels (112-1, 112-2) for sending and receiving data. The servo drive (102) comprises of a drive control system (103) and an electronic module (105). The drive control system (103) monitors and controls the servo drive (102) and the electronic module (105) is responsible for all operations taking place within said servo drive (102). The present invention also provides a method to detect accuracy, precision and errors in a servo system (100).

No. of Pages : 34 No. of Claims : 48

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A VERSATILE APPARATUS FOR CONTROLLING LOW, MEDIUM AND HIGH FREQUENCY HIGH VOLTAGE POWER SYSTEMS FOR ENERGISATION OF ELECTROSTATIC PRECIPITATOR

(51) International classification	:H02M 7/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SAL TLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VELU SUBBAN SURESHKUMAR
Filing Date	:NA	2)VIVEK PHILIP JOHN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a versatile apparatus for controlling low, medium and high frequency high voltage power systems for energisation of electrostatic precipitator, comprising: a first hardware structure with associated software for controlling ESP energisation, spark/arc detection and quenching, back corona detection and suppression; a second hardware structure with associated software for controlling each phases separately for a three phase power supply system for ESP; a third hardware structure with associated software for generating PWM signals to control the IGBT inverter in an SMPS system, including adjustment of switching frequency of inverter system for a wide range (500 - 10000 Hz); a fourth hardware structure with associated software to control the rectifier part of SMPS system; a fifth hardware structure with associated software for initiating control action based on output parameters from the ESP in the form of current and voltage, intermediate stage DC bus voltage and current ;and a multi master protocol based CAN communication network for peer to peer communication including remote monitoring and control, wherein the apparatus is further enabled to perform control and monitoring of rapping motors including heaters.



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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : PROBE FIXTURE AND GUIDING MECHANISM FOR MEASURING THICKNESS OF RIB PROTION OF COPPER STAVES IN BLAST FURNACE BY ULTRASONIC TESTING TECHNIQUES AND A METHOD FOR THE SAME

(51) International classification	:G01N 29/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR 831
(33) Name of priority country	:NA	001,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S. BALAMURUGAN
(87) International Publication No	: NA	2)R. SHUNMUGA SUNDARAM
(61) Patent of Addition to Application Number	:NA	3)MONOJIT DUTTA
Filing Date	:NA	4)MANTU PATRA
(62) Divisional to Application Number	:NA	5)A.D.KOTHARI
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of measurement of thickness of copper staves (20) used in a blast furnace by special probe fixture (10) and guiding mechanism (G). The system works by transmitter - receiver method of sound wave technique. A probe fixture (10) is arranged with predetermined length that can reach the wall of cooling channel (40) and which can be handled from outside. An ultrasonic probe (30) seats properly on the probe such that no air film between probe (10) and the surface of the cooling channel (40) exists. The probe has curvature as that of the cooling channel of copper stave (20). Transmitter - Receiver mode having two crystals of sensing unit acoustically and electrically separated from each other in the same probe housing. A guide block with V groove is disposed to restrict the movement of the probe fixture (10) in circumferential direction wherein ultrasonic based thickness measurement is carried out deploying a ultrasonic flaw detector (50).



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

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 05/06/2015

(54) Title of the invention : A MUSICAL INSTRUMENT NAMED MAYUR TANTRI.		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G10C1/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KARMAKAR, RAJIB Address of Applicant :3/4 ASHOKE AVENUE, A-ZONE DURGAPUR-713204 BURDWAN, WEST BENGAL. (72)Name of Inventor :
 (60) International Application 100 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA : NA :NA :NA :NA :NA	1)KARMAKAR, RAJIB

(57) Abstract :

A plucked string based musical instrument adapted to operate as a sitar with possible bass improvisation comprising of: a basic or first plucked string based music/sound generating means having plurality of strings with Tuning and fret adjustments along with the resonating strings and a second plucked string based bass improvisation means having plurality of string with Tuning and fret adapted for playing bass grooves and compositions in Bass. The said first plucked string based music/sound generating means and said second plucked string based bass improvisation means detachably connected to enable (a) operation of sitar and bass improvisation tunes as a combination through a single instrument when combined and (b) operation of a sitar or a bass improvisation tunes as in a guitar independently when separated.



No. of Pages : 19 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A PROCESS FOR ENRICHING IRON VALUES FROM ULTRA- FINE IRON ORE SLIME.		
(51) International classification	:B03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant : JAMSHEDPUR-831001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRASHANT DIXIT
Filing Date	:NA	2)RACHIT TIWARI
(87) International Publication No	: NA	3)ASIM KUMAR MUKHERJEE
(61) Patent of Addition to Application Number	:NA	4)PRADIP KUMAR BANERJEE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for enriching iron values from ultra-fine iron ore slime. The current invention provides a process to enrich iron values from ultra-fine iron ore slime. High alumina iron ore slime of size less than 45 micron is collected from beneficiation plant. The slime is then thoroughly mixed with water using a mechanical stirrer. The feed slurry is then treated on a pre-concentrated unit which removes gangue mineral present in finer size fraction to upgrade feed material. This separation is done at a particular cut size with optimum condition of operating and process parameters of pre-concentrated unit. The concentrate obtained from pre-concentration unit is again mixed with water to maintain the required percentage solid in the slurry. This slurry is further processed in a gravity separation process for recovery of iron values.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A METHOD FOR WELDING OF WIRE/ROD IN TJOINT CONFIGURATION USING RESISTANCE WELDING PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23K 11/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION (ROD) Plot No.9/1, DJ Block 3rd Floor Karunamoyee, Salt Lake City, Kolkata-700091, INDIA (72)Name of Inventor : 1)NAINIAPPAN PALASEKAPAN
(87) International Publication No	:NA	2)LUCKY GAUR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ARUNACHALAM SANTHAKUMARI 4)ARASAN RAJA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for welding of wire/rod in T joint configuration using Resistance welding process, comprising the steps of : providing a resistance spot welding machine having at least one solenoid valve; a piston shaft, and a metal frame; modiffing the top electrode of the machine; providing an external 230V, AC power supply; providing an air compressor connected to the power supply for operating the solenoid valve; placing a first of two joinable rods/wires on the top electrode; placing a second rod/wire on a bottom electrode of the machine; activating the solenoid valve to impart a horizontal movement in opposed directions to enable the bottom electrode including the piston to get locked with the top electrode; operating the resistance spot welding process to produce a T-ioint of said two rods/wires; wherein a bottom half of the top electrode is cut in two halves with construction of a machined slot on each halves, and wherein the first rod/wire is disposed vertically on the two machined slots.



No. of Pages : 9 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A PROCESS FOR PRODUCTION OF HIGHLY METALLISED DIRECTLY REDUCED IRON (DRI)WITH LOW SULPHUR CONTENT FROM WASTE OR REJECTED IRON ORE SLIME AND MIDDLING COAL

		(71)Name of Applicant : 1)TATA STEEL LIMITED
(51) International classification	:B03D1/018	Address of Applicant :RESEARCH AND DEVELOPMENT
(31) Priority Document No	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(32) Priority Date	:NA	831001,INDIA
(33) Name of priority country	:NA	2)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(86) International Application No	:NA	RESEARCH,(CSIR)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T.VENUGOPALAN
(61) Patent of Addition to Application Number	:NA	2)Y.RAJSHEKAR
Filing Date	:NA	3)SUPRATIK DASH
(62) Divisional to Application Number	:NA	4)KOTTANA NAVEEN KUMAR
Filing Date	:NA	5)M.MALATHI
-		6)DAYANAND PASWAN
		7)R.K.MINJ

(57) Abstract :

The invention relates to a process for production of highly metallised directly reduced iron (DRI) with low sulphur content from waste or rejected iron ore slime and middling coal, comprising the steps of:- (i) grinding and screening waste iron ore fines (slimes) to an optimum size ranging between -70 to -200 mesh; (ii) pelletizing the ground and screened waste iron ore slime to obtain pellets of 12 to 20 mm diameter without or with addition of a binder; (iii) optimizing moisture content for making iron ore slime pellets by known method to achieved a green strength of the pellets ranging between 8 to 15N per pellet without/with addition of a binder for safe handling and further processing; (iv) grinding and screening waste middling coal in a size range of -70 to-200 mesh to use as a reducing agent during reduction; (v) grinding and screening desulphurisation agent (dolomite) to a size range of -70 to -200 mesh to be used during reduction; (vi) mixing the middling coal with desulphurizing agent (dolomite) in a weight ratio of 1: 0.05 to 1: 0.15; (vii) locating iron ore slime pellets in a static bed of middling coal for reduction in a weight ratio of 1: 0.3 to 1: 0.6, (viii) arranging a plurality of crucible containing said iron ore slime pellets in the bed of middling coal for reduction in a temperature range of 900 to 1100°C for a period of 1 to 6 hours; (ix) removing and cooling the crucibles containing the reduced iron ore slime pellets from said reduction temperature to a temperature between 500 to 600°C in the crucibles (reducing atmospheres) to avoid re-oxidation of the reduced iron ore slime pellets. (x) separating the reduced iron ore slime pellets from the residue of the bed of the middling coal.



No. of Pages : 25 No. of Claims : 11

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A TWO-STAGE PROCESS FOR SEPARATION OF SILICON/ALUMINUM BASED COMPOUNDS FROM SPENT ACID IN A COAL LEACHING PROCESS.

B (71)Name of Applicant :
1)TATA STEEL LIMITED
Address of Applicant :RESEARCH AND DEVELOPMENT
AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
831001,INDIA
(72)Name of Inventor :
1)SANTOSH KUMAR SRIRAMOJU
2)A SURESH
3)RAVI KUMAR LINGAM
4)TATHAGATA RAY
5)PRATIK SWARUP DASH
6)PRADIP KUMAR BANERJEE

(57) Abstract :

The present invention relates to a two-stage process for Separation in a coal leaching process Silicon/Aluminum based Compounds from Spent Hydrochloric Acid, in which the solution is heated in a first stage to a temperature of around 80 °C to convert the unstable silicon tetrachloride to silicon oxide, and treating the acid with Sulphuric acid to remove alumina based compounds. The Silicon chloride is converted to silicon oxide/hydroxide by reacting with oxygen present in the water, and wherein the regeneration comprises mixing of acid with Sulphuric acid for alumina separation.

No. of Pages : 16 No. of Claims : 12

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : AN IMPROVED PROCESS ON CNC LATHE WITH NEWLY DEVELOPED TOOLS TO REDUCE THE PROCESS TIME FOR ROUGH AND FINISH MACHINING OF BALANCING WEIGHT GROOVES IN SHAFT OF STEAM TURBINE

(51) International classification :B23B	(71)Name of Applicant :
(31) Priority Document No :NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date :NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country :NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No :NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date :NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No : NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number :NA	1)PAWAN KUMAR ARORA
Filing Date :NA	2)VINAY KISHOR
(62) Divisional to Application Number :NA	3)SUDHIR JOSHI
Filing Date :NA	4)LOKESH JAIN

(57) Abstract :

The invention relates to an improved process on CNC lathe with newly developed tools to reduce the process time for rough and finish machining of Balancing weight grooves in shaft of steam turbine. The process comprising developing new grooving tool with improved grade and cutting geometry and then selecting a high and improved cutting parameters on the CNC machine suiting the said tool when the tool is rigidly clamped in both upward and downward direction wherein a new CNC program is incorporated based on the said improved cutting parameter to introduce optimum number of plunge cuts per groove depending upon its size for rough and finish machining of balancing weight groove in shafts of a turbine.

No. of Pages : 22 No. of Claims : 3

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : A FIXING DEVICE FOR MACHINING METAL SHIELDING AND A METHOD THEREOF

(51) International classification	:B23Q 1/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KARAN SINGH
Filing Date	:NA	2)DEEPAK KUMAR MANDAVAT
(62) Divisional to Application Number	:NA	3)PANKAJ KUMAR RAWAT
Filing Date	:NA	

(57) Abstract :

The invention relates to a fixing device for clamping the metal shield during machining operation in the machine bed to avoid distortion due to heat generated while performing various types of machining operations. The fixing device comprising a structure divided into upper (5A) and lower (5B) structure, the upper structure (5A) having threaded bale for clamping arrangement, an angle (β) is maintained between upper (5A) and lower structure (5B), a plurality of hinge (6) to provide angular movement (variation in angle β), a rotary bed (3) which rest on lifting pads (7A, 7B) is clamped to rotary base (2), the rotary base (2) is clamped to rotary plate (01) on which the job to be machined is mounted , the rotary base (2) delivers the rotary motion to rotary table (01) for rotary movement of the job.

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

(19) INDIA

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

(43) Publication Date : 05/06/2015

(54) Title of the invention : CARBOXYLIC ACID DERIVATIVES THAT INHIBIT THE BINDING OF INTEGRINS TO THEIR RECEPTORS

		(71)Name of Applicant :
(51) International classification	:A61K 31/215	1)ENCYSIVE PHARMACEUTICALS, INC.
(31) Priority Document No	:60/132,971	Address of Applicant :4848 LOOP CENTRAL DRIVE,
(32) Priority Date	:07/05/1999	SUITE 700, HOUSTON TX 77081 UNITED STATES OF
(33) Name of priority country	:U.S.A.	AMERICA
(86) International Application No	:PCT/US2000/12303	(72)Name of Inventor :
Filing Date	:16/11/2000	1)BIEDIGER RONALD J
(87) International Publication No	:WO 2000/67746	2)CHEN QI
(61) Patent of Addition to Application		3)HOLLAND GEORGE W
Number	:01/01/1000	4)KASSIR JAMAL M
Filed on	.01/01/1900	5)LI WEN
(62) Divisional to Application Number	:NA	6)MARKET ROBERT V
Filing Date	:NA	7)SCOTT IAN L
-		8)WU CHENGDE

(57) Abstract :

The present invention discloses a compound comprising a carboxylic acid derivative of the structure wherein Y, at each occurrence, is independently selected from the group consisting of C(O), N, CR1, C(R2)(R3), NR5, CH, O and S; q is an integer of from 3 to 10; A is selected from the group consisting of O, S, C(R16)(R) and NR6; 10 E is selected from the group consisting of CH2, O, S, and NR7; J is selected from the group consisting of O, S and NR6; T is selected from the group consisting of C(O) and (CH2)b wherein b is an integer of from 0 to 3; M is selected from the group consisting of C(R9)(R10) and (CH12)u, wherein u is an integer of from 0 to 3; L is selected from the group consisting of O, NR11, S, and (CH2), wherein n is an integer of 0 or 1; X is selected from the group consisting of CO2B, PO3H2, SO3H, SO2NH2, SO2NHCOR12, OPO3H2, C(O)NHC(O)R13, C(O)NHSO2R14, hydroxyl, tetrazolyl and hydrogen; W is selected from the group consisting of C, CR15and N; and B, B, R1 R2, R3, R4, R5, R6, R7, R8, R9, R10 R11, R, 12R, 13 R, 14 R, 15, R16 and R17 are as defined in the specification with the proviso that when A is C(R16)(R17), E is not NR7 and pharmaceutical compounds comprising the compound.

No. of Pages : 107 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 05/06/2015

54) Title of the invention : MULTI-LEVEL INLINE DATA DEDUPLICATION							
 (54) Fitte of the invention : MOLTI-LEVEL INLINE D2 (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 	:G06F 17/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR Address of Applicant :West Bengal - 721302 West Bengal India (72)Name of Inventor : 1)Rajat Subhra CHAKRABORTY 2)Bhanu Kishore DIDDI 					
Filing Date	:NA						

(57) Abstract :

Technologies are presented for data deduplication that operates at relatively high throughput and with relatively less storage space than conventional techniques. Building upon content-dependent chunking (CDC) using Rabin fingerprints data may be fingerprinted and stored in variable-size chunks. In some examples data may be chunked on multiple levels for example two levels variable size large chunks in the first level and fixed-size sub-chunks in the second level in order to prevent sub-chunks common to two or more data chunks from not being deduplicated. For example at a first level a CDC algorithm may be employed to fingerprint and chunk data in content-dependent sizes (variable sizes) and at a second level the CDC chunks may be sliced into small fixed-size chunks. The sliced CDC chunks may then be used for deduplication.



No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (21) Application No.789/KOL/2014 A (19) INDIA (22) Date of filing of Application :22/07/2014 (43) Publication Date : 05/06/2015 (54) Title of the invention : STRADDLE-TYPE VEHICLE (51) International classification :B60Q1/00 (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA :2013-(31) Priority Document No 246919 Address of Applicant :2500 SHINGAI, IWATA-SHI, :29/11/2013 SHIZUOKA-KEN.JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA **1)YASUYUKI OHTSUBO** Filing Date :NA 2)AYUMU KODAMA (87) 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 straddle-type vehicle includes a storage member 55 whose opening 55i is exposed when a seat 15 is opened. A left end of a tail light is disposed leftward of a right end of a left rear flasher 41, and a right end of the tail light is disposed rightward of a left end of a right rear flasher 42. At least a portion of the storage member 55 is disposed so as to be overlapped with a rear cover 25 in a plan view of the vehicle, and overlapped with the left rear flasher 41 and the right rear flasher 42 in a side view of the vehicle.

No. of Pages : 45 No. of Claims : 22

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 05/06/2015

(54) Title of the invention : HIGH-STRENGTH HOT-ROLLED STEEL SHEET FOR AUTOMOTIVE APPLICATIONS AND METHOD FOR MANUFACTURING THE SAME

(51) International classification(31) Priority Document No(22) Priority Data	:C21D 8/00 :NA	 (71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :JAMSHEDPUR-831001, INDIA, (72)Name of Inventor :
(32) Phony Date (33) Name of priority country	:NA :NA	1)MONIDEEPA MUKHERJEE
(86) International Application No	:NA	2)APPA RAO CHINTHA
Filing Date (87) International Publication No	:NA · NA	3)SAURABH KUNDU 4)SIDDHARTHA MISRA
(61) Patent of Addition to Application Number	:NA	5)ANUP KUMAR
Filing Date	:NA	6)JAGJIT SINGH TYT VENUCODALAN
Filing Date	:NA	/)1.VENUGOFALAN

(57) Abstract :

The present invention relates to a high-strength hot-rolled steel sheet with a minimum tensile strength of 540 MPa and method of manufacturing the same. The high-strength hot-rolled steel sheet of the current invention finds use in automotive applications like wheel rims. The method of manufacturing the hot-rolled steel sheet includes the steps of casting a steel slab in either a conventional or a thin slab caster and then reheating the cast slab to a temperature greater than 1100°C, hot rolling the slab such that finish rolling is done at a temperature (TFRT), such that TFRT varies in the range Ae3 - 50 (°C) to Ae3 + 50 (°C), where Ae3 is the temperature at which the transformation of austenite to ferrite starts at equilibrium, and then cooling at a cooling rate of 50 - 70°C/s till an intermediate temperature (TINT = Ae3 - 320 (°C) to Ae3 - 300 (°C)) is reached, followed by performing natural cooling till the coiling temperature (TCT) is reached, and then coiling the steel sheet at TCT.



No. of Pages : 19 No. of Claims : 12

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS (AMENDMENT) RULES, 2006.

Sl. No.	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	253022	Dorf Ketal Chemicals	A process for preparation of 5-chloro-2-	12/10/2013	Mumbai
		India Pvt. Ltd.	(2,4-dichlorophenoxy) aniline		
2.	259689	Kennedy Roger	Induction regulator block	24/03/2014	Mumbai
3.	256590	Raval Bhupendra Kantilal	An inhaler for consumption of medicine	27/06/2014	Mumbai
4.	256633	Shelar Ashok Ranganath	Compounds of bis-bromo benzoic acid hydrazone and process or preparation thereof	13/05/2014	Mumbai

Seri al Num ber	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)	Approp riate Office
1	266717	458/DELNP/2008	18/07/2006	20/07/2005	A HEATABLE TRANSPARENCY	PPG INDUSTRIES OHIO, INC.	15/08/2008	DELHI
2	266719	5873/DELNP/2006	21/04/2005	29/04/2004	DISC BRAKE	LUCAS AUTOMOTIVE GMBH	13/07/2007	DELHI
3	266723	8651/DELNP/2007	20/01/2006	22/06/2005	AN ADDITIVE DISPENSING SYSTEM FOR A REFRIGERATOR	HELEN OF TROY LIMITED	27/06/2008	DELHI
4	266725	1480/DEL/2006	23/06/2006		A CONTINUOUS BLANCHING SYSTEM FOR PROCESSING OF VEGETABLES.	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	04/01/2008	DELHI
5	266733	1713/DEL/2006	26/07/2006	14/09/2005	A BRAKE CONTROLLER FOR A LOCOMOTIVE	NEW YORK AIR BRAKE CORPORATION	03/08/2007	DELHI
6	266740	1238/DEL/2007	08/06/2007 16:06:20	12/06/2006	CASSETTE CLAMPING MECHANISM	ALCON,INC.	28/12/2007	DELHI
7	266742	1671/DELNP/2008	22/09/2006	23/09/2005	HONEYCOMB BODY WITH HARD SOLDER ZONE ON THE END FACE	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGI E MBH,	27/06/2008	DELHI
8	266755	5655/DELNP/2006	20/04/2005	23/04/2004	A METHOD FOR INCREASING THE TEMPERATURE OF A SUBSTANCE IN A CONTAINER AND APPARATUS THEREOF	AAK Denmark A/S .	15/06/2007	DELHI
9	266764	2621/DELNP/2007	13/10/2005	15/10/2004	BARIATRIC DEVICE AND METHOD	BFKW,LLC	03/08/2007	DELHI
10	266765	8766/DELNP/2007	29/11/2006	27/01/2006	ENGINE MISFIRE DETECTION APPARATUS FOR INTERNAL COMBUSTION ENGINE AND ENGINE MISFIRE DETECTION METHOD	TOYOTA JIDOSHA KABUSHIKI KAISHA	27/06/2008	DELHI
11	266772	2549/DEL/2009	09/12/2009 12:06:06		DIALYSIS FLUID CONCENTRATE CONTAINING CITRATE AND IRON	MOHAMMAD TARIQ	23/09/2011	DELHI
12	266794	3438/DELNP/2008	01/12/2006	27/01/2006	ENERGY ABSORPTION BODY	FAURECIA INNENRAUM SYSTEME GMBH	25/07/2008	DELHI
13	266802	3297/DELNP/2008	26/10/2006	27/10/2005	A VULCANIZABLE LAYERED COMPOSITION	EXXONMOBIL CHEMICAL PATENTS, INC,THE YOKOHAMA RUBBER CO.,LTD	25/07/2008	DELHI

14	266815	428/DELNP/2007	29/06/2005	09/07/2004	ANTENNA COMPRISING A CONNECTOR ASSEMBLY	CELLMAX TECHNOLOGIES AB	17/08/2007	DELHI
15	266816	3097/DEL/2005	21/11/2005		METHOD AND APPARATUS FOR PRODUCING ORIENTED SLIT FILM TAPES	LOHIA CORP LIMITED	15/05/2009	DELHI

Seri al Nu mbe r	Patent Numbe r	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	266722	1456/MUMNP/2008	23/01/2007	23/01/2006	METHOD AND APPARATUS FOR HANDLING IMS TERMINAL'S CALL REQUEST INCLUDING REQUEST FOR REAL-TIME SERVICE RECEIVED OVER IMS DOMAIN BY CSI TERMINAL	SAMSUNG ELECTRONICS CO.,LTD.	17/10/2008	MUMBAI
2	266729	2436/MUMNP/2008	31/05/2007	01/06/2006	APPARATUS AND METHOD FOR SELECTIVELY DOUBLE BUFFERING PORTIONS OF DISPLAYABLE CONTENT	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
3	266731	2284/MUMNP/2009	14/05/2008	14/05/2007	HYPERCOMPRESSED PARTICLES FOR CONTROLLED RELEASE OF OPHTHALMIC MEDICATIONS	SUSTAINED NANO SYSTEMS LLC.	19/11/2010	MUMBAI
4	266732	2628/MUM/2008	17/12/2008		A LOW COST DRYING PROCESS	UPL LIMITED	21/06/2013	MUMBAI
5	266737	2692/MUM/2009	23/11/2009 15:30:55		POLYMERIC BASED ANTI- CORROSIVE COATINGS	JOSHI KUSUM,JOSHI SACHIN	10/02/2012	MUMBAI
6	266738	1974/MUM/2007	04/10/2007		A FLEXIBLE CONTAINER FOR STORING AND HANDLING OF CHEMICALS	FLEXITUFF INTERNATIONAL LTD.	25/06/2010	MUMBAI
7	266739	263/MUM/2007	12/02/2007	17/05/2006	CLUSTER PROCESSING APPARATUS	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	03/10/2008	MUMBAI
8	266741	1159/MUM/2005	21/09/2005	27/09/2004	DEVICE HAVING A CONDUCTIVE LIGHT ABSORBING MASK AND METHOD FOR FABRICATING SAME	IDC, LLC, IDC LLC	29/06/2007	MUMBAI
9	266751	1335/MUMNP/2009	05/02/2008	07/02/2007	A TUBULAR BRAID AND COMPOSITE HOLLOW FIBER MEMBRANE USING THE SAME	KOLON INDUSTRIES INC.	05/03/2010	MUMBAI
10	266775	61/MUM/2009	09/01/2009 15:50:24		PROCESS FOR THE PREPARATION OF 3- BROMO- FLUOROBENZALDEHYD E.	ADITYA BIRLA SCIENCE & TECHNOLOGY CO LTD	03/09/2010	MUMBAI

11	266776	62/MUM/2009	09/01/2009 15:50:24		ETHER SYNTHESIS	ADITYA BIRLA SCIENCE & TECHNOLOGY CO .LTD	03/09/2010	MUMBAI
12	266777	1949/MUMNP/2008	23/03/2006	24/03/2006	FUEL CELLS	ACAL ENERGY LIMITED	06/02/2009	MUMBAI
13	266785	1593/MUM/2005	19/12/2005		AN IMPROVED PROCESS FOR THE PREPARATION OF LERCANIDIPINE	TORRENT PHARMACEUTICAL S LTD	27/07/2007	MUMBAI
14	266786	1457/MUMNP/2008	29/01/2007	27/01/2006	HYBRID MULTIPLE ACCESS APPARATUS AND METHOD IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO.,LTD.	10/10/2008	MUMBAI
15	266787	1923/MUM/2009	20/08/2009 14:56:26		A WASTEWATER TREATMENT SYSTEM USING A BIOREACTOR AND A METHOD THEREOF	THERMAX LIMITED	23/03/2012	MUMBAI
16	266792	1365/MUM/2010	29/04/2010		A COMPOSITION FOR GEOPOLYMER CONCRETE AND A METHOD THEREOF	ADITYA BIRLA SCIENCE & TECHNOLOGY COMPANY LIMITED	10/08/2012	MUMBAI
17	266795	2011/MUMNP/2008	20/03/2007	20/03/2006	A CELLULAR COMMUNICATION METHOD FOR IMPROVING COMMUNICATION QUALITY OR RATE, IN THE DOWNLINK OF A CELLULAR COMMUNICATION SYSTEM	BECEEM COMMUNICATIONS, INC.	16/01/2009	MUMBAI
18	266804	14/MUMNP/2010	10/07/2008	13/07/2007	CURABLE AND CURED SILICONE RUBBER COMPOSITIONS AND METHODS FOR THEIR PREPARATION USING FUNCTIONALISED SILICA.	MOMENTIVE PERFORMANCE MATERIALS,INC	25/06/2010	MUMBAI
19	266817	2543/MUMNP/2008	25/12/2006	08/05/2006	PERCUTANEOUS ABSORPTION PREPARATIONS OF ANTIDEMENTIA DRUGS	TEIKOKU SEIYAKU CO., LTD.	27/02/2009	MUMBAI
20	266818	238/MUMNP/2007	15/06/2005	20/07/2004	VIRTUAL USER INTERFACE FOR MULTIPLE USER DEVICES	ELECTRONIC DATA SYSTEMS, LLC	13/07/2007	MUMBAI
21	266825	1096/MUM/2005	12/09/2005		A SYSTEM AND METHOD FOR WAST WATER AND INDUSTRIAL EFFLUENTS PURIFICATION.	WYTEWATER TECHNOLOGIES PRIVATE LIMITED	23/04/2010	MUMBAI

Seria 1 Num ber	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	266718	1251/CHE/2007	15/06/2007		A METHOD TO CALCULATE NUMBER OF PARAMETER PREAMBLE RETRANSMISSION FOR RANDOM ACCESS CHANNEL	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	26/12/2008	CHENNAI
2	266724	727/CHENP/2009	30/07/2007	01/08/2006	METHOD FOR THE PRODUCTION OF SYNTHESIS GAS AND OF OPERATING A FIXED BED DRY BOTTOM GASIFIER	SASOL TECHNOLOGY (PROPRIETARY) LIMITED	29/05/2009	CHENNAI
3	266726	6570/CHENP/2008	29/05/2007	30/05/2006	INTERNAL COMBUSTION ENGINE	REISSER, HEINZ- GUSTAV, A.	27/03/2009	CHENNAI
4	266727	37/CHENP/2008	30/06/2006	04/07/2005	CEILING FORMWORK SYSTEM	PERI GMBH	28/11/2008	CHENNAI
5	266730	3813/CHENP/2008	21/12/2006	22/12/2005	METHOD FOR SAFE TRANSFER OF MEDICAL DATA TO A MOBIL UNIT/TERMINAL	WORLD MEDICAL CENTER HOLDING SA	13/03/2009	CHENNAI
6	266734	2561/CHE/2007	07/11/2007		A METHOD OF SCANNING USING DUAL HOME POSITION FOR A SCANNER LAMP	SAMSUNG R&D INSTITUTE INDIA- BANGALORE Pvt. Ltd.	15/07/2011	CHENNAI
7	266735	3481/CHENP/2007	02/02/2006	09/02/2005	PHOTOMULTIPLIER TUBE WITH LOWER TRANSIT TIME VARIATIONS	Hainan Zhanchuang Photonics Technology Company Limited	16/11/2007	CHENNAI
8	266745	4118/CHENP/2007	27/02/2006	25/02/2005	A SYSTEM AND METHOD FOR COMBUSTION OF PULVERIZED HYDRO- CARBANACEOUS FUEL	CLEAN COMBUSTION TECHNOLOGIES LLC	16/11/2007	CHENNAI
9	266746	1733/CHE/2006	21/09/2006 15:53:32	23/09/2005	SEWING MACHINE	DURKOPP ADLER AKTIENGESELLSCH AFT	07/12/2007	CHENNAI
10	266748	1026/CHENP/2006	02/09/2004	26/09/2003	AN IMAGING COMMUNICATION SYSTEM TO COMMUNICATE DIAGNOSTIC IMAGES AND A METHOD THEREOF	KONINKLIJKE PHILIPS ELECTRONICS, N.V.	29/06/2007	CHENNAI

11	266750	204/CHE/2008	25/01/2008		A METHOD OF COLLIMATION OF ACTIVE ARRAY ANTENNA BY SIMPLIFIED NEAR FIELD SCAN	DEPARTMENT OF SPACE, ISRO	07/08/2009	CHENNAI
12	266753	4812/CHENP/2007	15/03/2006	29/03/2005	METER ELECTRONICS AND METHODS FOR DETERMINING A LIQUID FLOW FRACTION IN A GAS FLOW MATERIAL	MICRO MOTION, INC	25/01/2008	CHENNAI
13	266754	857/CHENP/2007	07/07/2005	28/08/2004	A PLATE HEAT EXCHANGER	SWEP INTERNATIONAL AB	24/08/2007	CHENNAI
14	266757	642/CHENP/2008	06/07/2006	07/07/2005	A FUEL COMPOSITION	INNOSPEC DEUTSCHLAND GmbH	28/11/2008	CHENNAI
15	266763	622/CHE/2004	30/06/2004	02/07/2003	DIESEL PARTICULATE FILTER	HALDOR TOPSOE A/S	04/03/2005	CHENNAI
16	266773	1291/CHENP/2008	28/08/2006	26/08/2005	METHODS AND SYSTEMS FOR DYNAMICALLY CONTROLLING A PSTN NETWORK ELEMENT FROM AN IP NETWORK ELEMENT	TEKELEC, INC.	28/11/2008	CHENNAI
17	266778	6339/CHENP/2008	20/04/2007	20/04/2006	TRANSFERRING A MESSAGE SERVICE PAYLOAD BETWEEN MESSAGE ENTITIES	TEKELEC, INC.	21/08/2009	CHENNAI
18	266779	6313/CHENP/2008	18/05/2007	19/05/2006	PROCESS FOR MANUFACTURING PREMIXTURE AND AN ABSORPTION MEDIUM FOR REMOVING ACIDIC GASES	BASF SE	27/03/2009	CHENNAI
19	266780	4837/CHENP/2007	28/04/2006	29/04/2005	HEAT EXCHANGERS WITH TURBULIZERS HAVING CONVOLUTIONS OF VARIED HEIGHT	DANA CANADA CORPORATION	25/01/2008	CHENNAI
20	266781	2367/CHENP/2007	11/11/2005	02/12/2004	ELECTRONIC DEVICE INCLUDING OPTICAL GUIDE PROVIDED WITH SEQUENTIALLY ILLUMINATED OPTICAL EXTRACTORS	ASULAB, S.A.	07/09/2007	CHENNAI
21	266783	1517/CHENP/2009	16/08/2007	19/09/2006	A METHOD OF CONTINUOUSLY CASTING A METAL STRAND	SMS SIEMAG AKTIENGESELLSCH AFT	26/06/2009	CHENNAI

22	266788	4361/CHENP/2007	30/03/2006	04/04/2005	A CONVEYOR	LAITRAM, L.L.C.	25/01/2008	CHENNAI
23	266789	7255/CHENP/2008	11/07/2007	14/07/2006	METHODS AND APPARATUS RELATED TO RESOURCE ALLOCATION IN A WIERLESS COMMUNICATIONS SYSTEM	Qualcomm Incorporated	21/08/2009	CHENNAI
24	266790	2651/CHENP/2008	28/11/2006	28/11/2005	NAPHTHOL AS COLORANT	AGFA GRAPHICS NV	06/03/2009	CHENNAI
25	266791	2666/CHENP/2008	28/11/2006	28/11/2005	NON-AQUEOUS DISPERSIONS OF NAPHTHOL AS PIGMENTS	AGFA GRAPHICS NV	06/03/2009	CHENNAI
26	266793	2298/CHENP/2007	29/11/2005	29/11/2004	A METHOD OF INSTALLING A DRY SPRINKLER INSTALLATION IN A COLD ENVIRONMENT AND A DRY SPRINKLER INSTALLATION	TYCO FIRE PRODUCTS LP	07/09/2007	CHENNAI
27	266796	4657/CHENP/2007	21/03/2006	21/03/2005	METHOD OF FORMING OUTSERTS	G&K-VIJUK-INTERN. CORP.	11/01/2008	CHENNAI
28	266797	5156/CHENP/2007	21/03/2006	21/03/2005	METHOD OF FORMING AN OUTSERTS HAVING AT LEAST 126 OUTSERT PANELS	G&K- VIJUK- INTERN. CORP.	27/06/2008	CHENNAI
29	266798	5158/CHENP/2007	21/03/2006	21/03/2005	METHOD OF FORMING AN OUTSERT	G&K- VIJUK- INTERN. CORP.	27/06/2008	CHENNAI
30	266799	1105/CHENP/2007	22/09/2005	23/09/2004	ROTATING AND SWIVELING SEAT	Crown Equipment Corporation	17/08/2007	CHENNAI
31	266800	655/CHE/2007	30/03/2007 12:10:25		INTERACTIVE VOICE CONTROLLED TALKING VITAL SIGN PATIENT MONITORING SYSTEM	SKANRAY HEALTHCARE PRIVATE LIMITED	19/06/2009	CHENNAI
32	266801	2371/CHE/2006	20/12/2006		A UHF MINIATURE MEANDERED MICROSTRIP PATCH ANTENNA FOR MOBILE COMMUNICATIONS AND METHOD OF PRODUCTION THEREOF	INDIAN SPACE RESEARCH ORGANISATION	28/11/2008	CHENNAI
33	266803	3820/CHENP/2008	29/11/2006	22/12/2005	2- PHENYLETHYLAMIN O DERIVATIVES AS CALCIUM AND/OR SODIUM CHANNEL MODULATORS	NEWRON PHARMACEUTICALS S.P.A.	13/03/2009	CHENNAI

34	266809	5023/CHENP/2009	31/01/2008	31/01/2007	HIGH-STRENGTH LIGHTWEIGHT NON- WOVEN FABRIC MADE OF SPUNBONDED NON- WOVEN	RUZEK, IVO	06/11/2009	CHENNAI
35	266812	1214/CHE/2005	30/08/2005	31/08/2004	APPARATUS AND METHOD FOR FORMATION EVALUATION	PETROLEUM RESEARCH AND DEVELOPMENT N.V.	28/09/2007	CHENNAI
36	266820	6486/CHENP/2008	15/06/2007	16/06/2006	METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING A BROADCAST SIGNAL THAT INCLUDES A SUBSEQUENCE OF BROADCAST INFORMATION BITS	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
37	266821	6484/CHENP/2008	15/06/2007	16/06/2006	A METHOD AND SYSTEM OF TRANSMITTING A SET OF BROADCAST INFORMATION BITS	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
38	266822	405/CHENP/2008	20/07/2006	26/07/2005	PIPERIDINYL- SUBSTITUTED ISOQUINOLONE DERIVATIVES AS RHO-KINASE INHIBITORS	SANOFI-AVENTIS	19/09/2008	CHENNAI
39	266824	2346/CHE/2008	25/09/2008 16:16:58	28/09/2007	MOTORCYCLE AIR INTAKE PORT STRUCTURE	HONDA MOTOR CO., LTD.	02/04/2010	CHENNAI

Seri al Nu mbe r	Patent Numbe r	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	266720	2552/KOLNP/2008	30/11/2006	02/12/2005	MODULATION METHOD AND APPARTUS	TELEFONAKTIEBOL AGET LM ERICSSON (PUBL)	30/01/2009	KOLKATA
2	266721	31/KOL/2009	05/01/2009 16:07:41	26/05/2008	TEMPERATURE CONTROL MODULE AND METHOD THEREOF	LS INDUSTRIAL SYSTEMS CO., LTD.	04/12/2009	KOLKATA
3	266728	1959/KOLNP/2007	06/12/2005	10/12/2004	METHOD FOR PRINTING A BINARY HOLOGRAM ON MANUFACTURED PRODUCT, AND OPTICAL LENS WITH A BINARY HOLOGRAM PRINTED THEREON	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE),INTERNATI ONAL BUSINESS MACHINES CORPORATION	10/08/2007	KOLKATA
4	266736	1588/KOL/2008	15/09/2008 16:10:49	03/10/2007	LAMP FITTING FOR VEHICLE AND VEHICLE MOUNTED WITH THE SAME	YAMAHA HATSUDOKI KABUSHIKI KAISHA	01/05/2009	KOLKATA
5	266743	1100/KOLNP/2009	13/10/2006	13/10/2006	RADIO BASE STATION, RELAY STATION AND BAND ALLOCATION METHOD	FUJITSU LIMITED	22/05/2009	KOLKATA
6	266744	2076/KOLNP/2005	22/04/2004	22/04/2003	CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS WITH ENHANCED EFFICACY	GENZYME CORPORATION	27/07/2007	KOLKATA
7	266747	2667/KOLNP/2006	03/03/2005	26/03/2004	RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING TEXT SUBTITLE STREAM RECORDED ON THE RECORDING MEDIUM.	LG ELECTRONICS INC.	01/06/2007	KOLKATA
8	266749	110/KOL/2008	16/01/2008		DEVELOPMENT OF POWER REGENERATION SYSTEM FOR TESTING OF DIESEL ELECTRIC LOCOMOTIVE	BHARAT HEAVY ELECTRICALS LIMITED	31/07/2009	KOLKATA
9	266752	1372/KOL/2007	05/10/2007	10/10/2006	MIXTURE OF SYMMETRICAL AND ASYMMETRICAL POLYOXYMETHYLENE DIALKYLETHERS AND THEIR USE IN HYDROCARBON DISTILLATES	ARKEMA FRANCE	10/04/2009	KOLKATA

10	266756	1112/KOL/2008	26/06/2008 15:37:07	30/07/2007	CHARGING ENERGY SOURCES WITH A RECTIFIER USING DOUBLE-ENDED INVERTER SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
11	266758	2080/KOLNP/2006	13/01/2005	14/01/2004	METHOD AND APPARATUS TO DIAGNOSE MECHANICAL PROBLEMS IN MACHINERY.	ABB INC.	18/05/2007	KOLKATA
12	266759	980/KOLNP/2008	28/08/2006	26/08/2005	INTERCONNECTS AND HEAT DISSIPATORS BASED ON NANOSTRUCTURES	SMOLTEK AB	08/08/2008	KOLKATA
13	266760	819/KOL/2006	16/08/2006	02/09/2005	CLOSED LOOP AIR/FUEL RATIO CONTROL SYSTEM FOR A DIESEL ENGINE EMPLOYING AN OXYGEN SENSOR	GM GLOBAL TECHNOLOGY OPEARATION, INC.	29/06/2007	KOLKATA
14	266761	710/KOLNP/2007	31/08/2005	02/09/2004	PISTON COMPRESSOR PRODUCING AN INTERNAL COOLING AIR FLOW IN THE CRANKCASE	KNORR-BREMSE SYSTEME FUR SCHIENEN FAHRZEUGE GMBH	13/07/2007	KOLKATA
15	266762	1115/KOLNP/2007	01/10/2004	01/10/2004	APPARATUS AND METHOD FOR PREPARING AND DELIVERING A BEVERAGE WITH THE USE OF A RAW MATTER CONTAINED IN A CARTRIDGE	HAUSBRANDT TRIESTE 1892 SPA	13/07/2007	KOLKATA
16	266766	1948/KOLNP/2006	20/01/2005	20/01/2004	A FLASK FOR CONTAINING MOLDING SAND AND METHOD OF MOLDING USING THE SAME	SINTOKOGIO, LTD.	18/05/2007	KOLKATA
17	266767	970/KOLNP/2007	14/09/2005	20/09/2004	AN AZS PRODUCT WITH REDUCED EXUDATION	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	13/07/2007	KOLKATA
18	266768	1448/KOLNP/2007	04/08/2005	20/10/2004	DEVICE AND METHOD FOR ADJUSTING THE DRILLING DIRECTION OF A DRILLING TOOL FOR AN OPTHALMIC LENS	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	20/07/2007	KOLKATA
19	266769	495/KOL/2009	19/03/2009 15:58:29	22/04/2008	PERMANENT MAGNET MOTOR START-UP	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	30/04/2010	KOLKATA
20	266770	847/KOL/2006	21/08/2006	29/09/2005	METHOD AND APPARATUS FOR DIAGNOSING VALVE LIFTER MALFUNCTION IN A LIFT ON DEMAND SYSTEM	GM GLOBAL TECHNOLOGY OPERATION INC	29/06/2007	KOLKATA

21	266771	903/KOL/2008	19/05/2008	28/06/2007	CENTRIFUGE AND VENTING SYSTEM FOR A TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
22	266774	1888/KOL/2008	03/11/2008 15:49:29	04/11/2007	METHOD TO MANAGE A HIGH VOLTAGE SYSTEM IN A HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
23	266782	2502/KOLNP/2006	01/03/2005	03/03/2004	SHEET METAL WITH BEND CONTROLLING DISPLACEMENTS AND METHOD FOR FORMING THE SAME	INDUSTRIAL ORIGAMI INC.	01/06/2007	KOLKATA
24	266784	713/KOLNP/2007	08/09/2005	08/09/2004	AN EXPANDABLE INTRALUMINAL PROSTHETIC DEVICE	CORDIS CORPORATION	13/07/2007	KOLKATA
25	266805	708/KOLNP/2009	22/08/2007	22/08/2006	A METHOD OF PERFORMING HANDOVER AND CONTROLLING THEREOF IN A MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	15/05/2009	KOLKATA
26	266806	1806/KOLNP/2008	19/10/2006	19/10/2005	METHODS OF MAKING MODULAR FUSION PROTEIN EXPRESSION PRODUCTS	INTREXON CORPORATION	09/01/2009	KOLKATA
27	266807	4072/KOLNP/2009	16/04/2008	31/05/2007	METHOD FOR PREPARING AN ACELLULAR ORGANIC TISSUE FOR REVITALISATION	TELEA BIOTECH S.R.L.	19/03/2010	KOLKATA
28	266808	1232/KOLNP/2006	11/10/2004	10/10/2003	NUCLEIC ACID CONSTRUCTS	POWDERJECT VACCINES, INC	27/04/2007	KOLKATA
29	266810	3416/KOLNP/2006	06/05/2005	07/05/2004	BLISTERING MACHINE FOR PRODUCING BLISTER PACKS.	IMA SAFE S.r.1	15/06/2007	KOLKATA
30	266811	3807/KOLNP/2006	17/05/2005	20/05/2004	BUBBLER FOR PROVIDING A VAPORIZED COMPOUND IN A CHEMICAL VAPOR DEPOSITION PROCESS	AKZO NOBEL N.V.	22/06/2007	KOLKATA
31	266813	4478/KOLNP/2008	18/01/2007	13/04/2006	A METHOD AND DEVICE FOR PERFORMING COMMUNICATION IN DIGITAL SUBSCRIBER LINE TECHNOLOGY	HUAWEI TECHNOLOGIES CO., LTD.	13/03/2009	KOLKATA
32	266814	319/KOL/2008	21/02/2008	15/03/2007	APPARATUS AND METHOD FOR DETERMINING REMAINING TRANSMISSION OIL LIFE	GM GLOBAL TECHNOLOGY OPERATIONS ,INC	17/04/2009	KOLKATA

33	266819	969/KOL/2006	25/09/2006	21/11/2005	AN ELECTRO MECHANICAL TRANSMISSION AND METHOD OF CONSTRUCTING AN IMPROVED VEHICULAR TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	29/06/2007	KOLKATA
34	266823	432/KOL/2007	21/03/2007		PCI BASED CONTROLLER FOR ESP	BHARAT HEAVY ELECTRICALS LIMITED	19/06/2009	KOLKATA
35	266826	974/KOLNP/2009	30/08/2007	26/09/2006	WORKPIECE WITH HARD COATING	OERLIKON TRADING AG, TRBBACH	22/05/2009	KOLKATA
36	266827	1168/KOLNP/2009	11/09/2007	26/09/2006	ENANTIOMERIC COMPOUNDS WITH ANTIBACTERIAL ACTIVITY	CRESTONE, INC.	22/05/2009	KOLKATA

CONTINUED TO PART-2

CONTINUED FROM PART-1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. 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.

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of RENAULT TRUCKS registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
254319, 254312, 254300, 254303, 254302, 254313, 254315, 254316, 254314, 254317, 254324, 254341, 254343, 254325, 254322, 254342, 254323, 254340, 254327, 254326, 254321, 254320, 254299, 254318, 254347, 254344, 254284, 254282, 254349, 254348, 254274, 254272, 254275, 254273, 254276	12-16 254324(26-06) 254347(12-08) 254349(12-08) 254348(12-08)	VOLVO LASTVAGNAR AB, A COMPANY ORGANIZED UNDER THE LAWS OF SWEDEN, OF SE-405 08 GOTEBORG, SWEDEN

The Design stands in the name of RECKITT BENCKISER LLC registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
190994	09-01	THE FRENCH'S FOOD COMPANY LLC OF 4 MILL RIDGE LANE, CHESTER, NEW JERSEY 07930, USA, A DELAWARE LIMITED LIABILITY COMPANY

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	196497	09.04.2015
2.	196498	09.04.2015
3.	196499	09.04.2015
4.	196501	09.04.2015
5.	196502	09.04.2015
6.	196503	09.04.2015
7.	196504	09.04.2015
8.	197367	28.04.2015
9.	197690	25.03.2015
10.	198256	28.04.2015
11.	198631	25.03.2015

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	266978				
CLASS	05-05				
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID	& PRINTS PVT. LTD. A COMPANY REG COMPANIES ACT, 1956 HAVING ITS C, PANDESARA, SURAT-394221 GUJARAT	ISTERED			
DATE OF REGISTRATION	29/10/2014				
TITLE	TEXTILE FABRIC	<i>// //////////////////////////////////</i>			
PRIORITY NA					
DESIGN NUMBER	267002				
CLASS	05-05	note -			
REGISTERED UNDER THE PI HAVING ITS REGISTERED O A-26, CENTRAL PARK, GID	COVISION OF COMPANIES ACT, 1956 FFICE AT C, PANDESARA, SURAT-394221 GUJARAT	A A A A A A A A A A A A A A A A A A A			
DATE OF REGISTRATION	29/10/2014				
TITLE	TEXTILE FABRIC				
PRIORITY NA		Mary Mary			
DESIGN NUMBER	266496				
CLASS	05-05				
1) SIDDHI VINAYAK KNOTS A COMPANY REGISTERED UN HAVING ITS REGISTERED OFF SURAT-394221 GUJARAT.	& PRINTS PVT. LTD. JDER THE PROVISION OF COMPANIES AG ICE AT A-26, CENTRAL PARK, GIDC, PAN	CT, 1956 IDESARA,			
DATE OF REGISTRATION	09/10/2014	2 2 3			
TITLE	TEXTILE FABRIC				
PRIORITY NA					
DESIGN NUMBER		266520			
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CLASS		05-05	(SHIE)		
1) SIDDHI VINAYAK KU A COMPANY REGISTERE COMPANIES ACT, 1956 H. A-26, CENTRAL PARK, GI GUJARAT.	NOTS & ED UNDE Aving I DC, Pan	PRINTS PVT. LTD. ER THE PROVISION OF TS REGISTERED OFFICE AT IDESARA, SURAT-394221			
DATE OF REGISTRATION		09/10/2014		響	
TITLE		TEXTILE FABRIC			A CONTRACT OF A CONTRACT OF
PRIORITY NA					
DESIGN NUMBER		264696			
CLASS		09-03			
1)STC INDIA PRIVATE THE COMPANIES ACT, 1 A-505, 5TH FLOOR, WE BORIVALI (E), MUMBAI-6	LIMITE 956 ANI ESTERN 56	D, A COMPANY INCORPOR D HAVING OFFICE AT EDGE II, WESTERN EXPRESS	ATED UN 5 HIGHWA	NDER AY,	
DATE OF REGISTRATIO	N	12/08/2014			
TITLE		CONTAINE	R		
PRIORITY NA					
DESIGN NUMBER		265728			
CLASS		24-02			
1)DIRECTOR GENERAL ORGANISATION, MINIST INDIA, ROOM NO. 348, B-WIN DELHI-110 105, INDIA	L, DEFE FRY OF G, DRD(NCE RESEARCH & DEVELO DEFENCE, GOVERNMENT D BHAWAN, RAJAJI MARG, N	OPMENT OF IEW	(
DATE OF REGISTRATIO	N	17/09/2014			
TITLE		HOUSING FOR SENSOR HOI	DER		
PRIORITY NA					

DESIGN NUMBER		2	266980		
CLASS		05-05			-
1)SIDDHI VINAYAK KNOT UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GII	S & PR COMI	INTS PVT. LTD. A C PANIES ACT, 1956 H NDESARA, SURAT-39	COMPANY AVING IT 94221 GUJ	REGISTERED S Arat	
DATE OF REGISTRATION		29	/10/2014		
TITLE		TEXT	LE FABRI	C	
PRIORITY NA					
DESIGN NUMBER		267028			
CLASS		05-05		ABA 1997 -	
REGISTERED UNDER THE H 1956 HAVING ITS REGISTER A-26, CENTRAL PARK, GII GUJARAT	PROVIS RED OF DC, PAN	SION OF COMPANII FICE AT NDESARA, SURAT-39	E S ACT, 94221		
DATE OF REGISTRATION		29/10/2014			
TITLE		TEXTILE FABRI	С		
PRIORITY NA					
DESIGN NUMBER		2	265222		
CLASS		13-03			
1)SIMON, S.A.U., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SPAIN OF C. DE LA DIPUTACIÓ, 390, E-08013 BARCELONA, SPAIN					600
DATE OF REGISTRATION		28/08/2014			
TITLE		SWITCH COVER			100-1
PRIORITY					L'AA
PRIORITY NUMBER	DATE	COUN	TRY		
002417394		04/03/2014	OHIM		

DESIGN NUMBER		266498			
CLASS		05-05			
1) SIDDHI VINAYAK K A COMPANY REGISTERI ACT, 1956 HAVING ITS RI PARK, GIDC, PANDESAR	NOTS & P ED UNDER ESIGISTER A, SURAT-	RINTS PVT. LTD. THE PROVISION OI RED OFFICE AT A-26 394221 GUJARAT.	F COMPANIE 5, CENTRAL	s	
DATE OF REGISTRATIO	N	09/10/2014		Sec. 1	
TITLE		TEXTILE FAB	RIC		
PRIORITY NA					
DESIGN NUMBER		266522		•	
CLASS		05-05			
1)SIDDHI VINAYAK KY A COMPANY REGISTERI COMPANIES ACT, 1956 H AT A-26, CENTRAL PARK GUJARAT.	NOTS & PI ED UNDER AVING ITS , GIDC, PA	RINTS PVT. LTD. THE PROVISION OI S RESIGISTERED OF ANDESARA, SURAT-	F FICE 394221		
DATE OF REGISTRATION		09/10/2014			
TITLE		TEXTILE FABRIC			
PRIORITY NA					
DESIGN NUMBER			264709		
CLASS			09-03		
1)WM. WRIGLEY JR. C 1132 W. BLACKHAWK	C OMPANY A STREET,	, AN AMERICAN CO CHICAGO, ILLINOIS	O MPANY OF S 60642, U.S.A		
DATE OF REGISTRATION		1	2/08/2014		
TITLE		CONSUMABLE PRODUCT PACE		ACKAGE	
PRIORITY					
PRIORITY NUMBER		DATE	COUNT	'RY	
29/482,040		13/02/2014	U.S.A.		

DESIGN NUMBER		265545		
CLASS		23-04	1 TO 10 P	
1) GREE ELECTRIC ZHUHAI, JINJI WE GUANGDONG, 51907(C APPLIANCE ST ROAD, QIA), CHINA	S, INC. OF Anshan Zhuhai,		
DATE OF REGISTRATION	09	9/09/2014	The second second	
TITLE	AIR C	ONDITIONER	In the second second second	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
201430061990.0	24/03/20	14 CHINA		
DESIGN NUMBER			265667	
CLASS			23-01	
COMPANY), 601 CENTRAL PLA BENGAL, INDIA	AZA, 2/6, SARA	AT BOSE ROAD, KO	DLKATA - 700020, WEST	6-2
DATE OF REGISTRA	TION		12/09/2014	
TITLE		FITTING FOR	R SEWERAGE DISPOSAL	
PRIORITY NA				
DESIGN NUMBER			267250	
CLASS			12-16	the and
1)BAJAJ AUTO LIM THE COMPANIES AC AT NEW 2ND & 3RD CHENNAI - 600006, S' REGISTERED OFF INDIA	IITED, AN INI CT OF 1956, H FLOOR, KHI TATE OF TAN ICE AT AKUR	DIAN COMPANY, AVING ITS PRINC VRAJ BUILDING, MIL NADU, INDIA, DI, PUNE-411035, S	INCORPORATED UNDER CIPAL PLACE OF BUSINESS NO. 616, ANNASALAI, , AND STATE OF MAHARASHTRA,	
DATE OF REGISTRA	TION		07/11/2014	
TITLE		SPEEDOMETER	R FLAP FOR MOTORCYCLE	
PRIORITY NA				

DESIGN NUMBER	265	968		
CLASS	15-	-99		
1)SPRAY ENGINEERING INCORPORATED UNDER 1956, HAVING ITS REGIST PLOT NO. 25, INDUSTR (U.T.), INDIA DATE OF REGISTRATION TITLE PRIORITY NA	G DEVICES LIMITED, AN I THE PROVISION OF THE FERED OFFICE AT IAL AREA, PHASE-II, CHAN N 24/09 SUGAR 1	NDIAN COMI COMPANIES IDIGARH-1600 /2014 MELTER	PANY 5 ACT, 002	
DESIGN NUMBER	266983			
CLASS	05-05			
1)SIDDHI VINAYAK KNO COMPANY REGISTERED COMPANIES ACT, 1956 H A-26, CENTRAL PARK, GUJARAT DATE OF	OTS & PRINTS PVT. LTD. A UNDER THE PROVISION (AVING ITS REGISTERED (GIDC, PANDESARA, SURAT	А ОF OFFICE АТ Г-394221		
REGISTRATION	29/10/2014		19	
TITLE	TEXTILE FABRI	С	No.	and the second second
PRIORITY NA				
DESIGN NUMBER	267031			
CLASS	05-05			
1)SIDDHI VINAYAK KNO A COMPANY REGISTERE PROVISION OF COMPAN ITS REGISTERED OFFICI A-26, CENTRAL PARK, SURAT-394221 GUJARAT DATE OF REGISTRATION TITLE PRIORITY NA	OTS & PRINTS PVT. LTD. ED UNDER THE IES ACT, 1956 HAVING E AT GIDC, PANDESARA, 29/10/2014 TEXTILE FABRIC			

DESIGN NUMBER		266501					
CLASS		05-05					The second second
1)M/S. SIDDHI VINAYA A COMPANY REGISTEREI ACT, 1956 HAVING ITS RE PARK, GIDC, PANDESARA	K KNOTS D UNDER SIGISTER A, SURAT-	& PRINTS PVT. LTD. THE PROVISION OF COM ED OFFICE AT A-26, CEM 394221 GUJARAT.	IPANIES NTRAL				
DATE OF REGISTRATIO	N	09/10/2014		AND AND A	1965	1 A. 1963	1. 小田、 3
TITLE		TEXTILE FABRIC		· # # .			100
PRIORITY NA							
DESIGN NUMBER		266525					
CLASS		05-01	540		NULL SHE	and the second	
A COMPANY REGISTEREI COMPANIES ACT, 1956 HA A-26, CENTRAL PARK, GII GUJARAT.	O UNDER A VING ITS DC, PAND	THE PROVISION OF SRESIGISTERED OFFICE ESARA, SURAT-394221	AT	***	**		
DATE OF REGISTRATION		09/10/2014		XX	X		
TITLE		TEXTILE FABRIC	LOSA				
PRIORITY NA						-	
DESIGN NUMBER		2645	90				
CLASS		08-0)7				
1)RAMESHBHAI NANJI SOLE PROPRIETOR OF C CONCERN) HAVING PLA 2, PATELNAGAR, BHO	BHAI CH GOLDEN CE OF BU JABHAGA	OVATIYA (ADULT AND INDIA (INDIAN PROPRI USINESS AT- IT STREET, RAJKOT-360	INDIAN I ETORSHI 002-GUJA	NATIONAL) IP .RAT-(INDIA)			
DATE OF REGISTRATIO	N	08/08/	2014		State of Concession, Name		
TITLE		TOWER BOL	T SECTIO	N			
PRIORITY NA							

DESIGN NUMBER	265454			
CLASS	SS 09-03			
1)SHYAM SUNDER GULATI TRA COSMETICS CO., HAVING ADDRI E-73, SHASTRI NAGAR, NEW DI				
DATE OF REGISTRATION	05/09/2014			
TITLE	CONTAINER			
PRIORITY NA				
DESIGN NUMBER	267282			
CLASS	08-06			
1)GODREJ & BOYCE MFG. CO. I LOCKS DIVISION (PLANT-18), P 400079, MAHARASHTRA, INDIA, IN	L TD. OF IROJSHANAGAR, VIKHROLI, MUMBAI - DIAN COMPANY			
DATE OF REGISTRATION	10/11/2014			
TITLE	HANDLE			
PRIORITY NA				
DESIGN NUMBER	266984			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA				
DATE OF REGISTRATION	29/10/2014	1997, 92 - 1946 - 1946 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 19		
TITLE	TEXTILE FABRIC	AN AND AND AND AND AND AND AND AND AND A		
PRIORITY NA	·			

DESIGN NUMBER		267032						
CLASS		05-05		the s	SE TIN	STATUTE STATUTE	-induffit	THE REAL
1)SIDDHI VINAYAH A COMPANY REGIS PROVISION OF COM REGISTERED OFFIC A-26, CENTRAL PA SURAT-394221 GUJAH	K KNOT FERED IPANIES E AT ARK, GI RAT.	'S & PRINTS PVT. LTD. UNDER THE S ACT, 1956 HAVING ITS DC, PANDESARA,					<u></u>	
DATE OF REGISTRATION		29/10/2014					-10月 -10月 -10月	
TITLE		TEXTILE FABRIC	5.5				1000	
PRIORITY NA								K K
DESIGN NUMBER		266502						
CLASS		05-05					Section 1	50000
1) M/S. SIDDHI VIN A COMPANY REGIST ACT, 1956 HAVING IT PARK, GIDC, PANDES	AYAK K ERED U SS REGIS SARA, S	ENOTS & PRINTS PVT. L NDER THE PROVISION OF STERED OFFICE AT A-26, URAT-394221 GUJARAT.	T D. F COMPAN CENTRAL	NES				
DATE OF REGISTRA	TION	09/10/2014	ŀ		A state in	ka BEN	A AR	
TITLE		TEXTILE FAE	BRIC				- All St	10.000
PRIORITY NA						235	A	A DOC
DESIGN NUMBER		266526		ł				
CLASS		05-05		-			Contraction of the	Constanting of
1) SIDDHI VINAYA A COMPANY REGIST COMPANIES ACT, 193 A-26, CENTRAL PARK GUJARAT.	K KNO T TERED U 56 HAVI K, GIDC,	IS & PRINTS PVT. LTD. JNDER THE PROVISION O NG ITS REGISTERED OFF PANDESARA, SURAT-394	F ICE AT ·221			No. of State		
DATE OF REGISTRATION		09/10/2014			199 - 15	-	1992 1992	2 - A
TITLE		TEXTILE FABRIC			1. 1.20	ALC: NO	1.50	1307
PRIORITY NA					And the			

DESIGN NUMBER			264623								
CLASS			15-07								
1)ATM BEYAZ ESYA LIMITED SIRKETI, OF INÖNÜ MAH. NUR S GEBZE/KOCAELI, TURK	PARCA ULTAN CEY, A	ALARI SAN I NAZAR BA TURKISH C	AYI VE T AYEV SOI OMPANY	T ICARET K. NO: 21 C	GOSB-					Company of	
DATE OF REGISTRATION			08/08/201	14						COLUMN T	-
TITLE	C	ONDENSER	S FOR RE	EFRIGERA	FORS	G					
PRIORITY NA						8					
DESIGN NUMBER		264	423								
CLASS		15-	99								
1)ABB TECHNOLOGY AFFOLTERNSTRASS 8050, NATIONALITY: SV	Z AG, E 44, Z VITZER	URICH SWI RLAND	TZERLAN	ND CH-							
DATE OF REGISTRATION		01/08/	/2014		c						
TITLE	R MACH	OTATING E HINERY MO CRAV	ELECTRIC DULAR A VLER	CAL AIR GAP	2		>	1	5	S	
PRIORITY							S.		S	X	S
PRIORITY NUMBER	D	ATE	COUNT	ſRY		1	120	R	28		
29/481,165	03	3/02/2014	U.S.A.				- See	- 1	- 69		
DESIGN NUMBER			263	3380							
CLASS			09	-03							
1) THERA TEC GMBH STRAHLENBERGER ALEMANIA	& CO. WEG 2	KG, OF 6, D-60599 F	FRANKFU	URT AM MA	AIN,						
DATE OF REGISTRATI	ON		16/06	5/2014							
TITLE		BA	NDAGE	CONTAIN	ER						
PRIORITY PRIORITY NUMBER 002370536-0013		DATE 16/12/2	013	COUNT OHIM	RY						
								~	-	_	/

DESIGN NUMBER	266960	
CLASS	05-05	-
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF (REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDO	& PRINTS PVT. LTD. A COMPANY REGISTERED COMPANIES ACT, 1956 HAVING ITS C, PANDESARA, SURAT-394221 GUJARAT.	
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266985	
CLASS	05-05	
UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDO DATE OF REGISTRATION TITLE	C, PANDESARA, SURAT-394221 GUJARAT 29/10/2014 TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	267033	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS REGISTERED UNDER THE PR HAVING ITS REGISTERED OI A-26, CENTRAL PARK, GIDO		
DATE OF REGISTRATION	29/10/2014	10 10 10 10 10 10 10 10 10 10 10 10 10 1
TITLE	TEXTILE FABRIC	
PRIORITY NA		0

DESIGN NUMBER		265295		
CLASS		09-01		
1)POLYSET PLASTICS PV THE INDIAN COMPANIES A 901-906, 9TH FLOOR, CEL (EAST), MUMBAI-400 067, M.	T. LTD ACT, 19 Lo Tri Ahara	., INDIAN COMPANY REGISTER 56, WHOSE ADDRESS IS UMUPH, I. B. PATEL ROAD, GORI SHTRA, INDIA	ED UNDER EGAON	
DATE OF REGISTRATION		01/09/2014		
TITLE		BOTTLE		
PRIORITY NA				
DESIGN NUMBER		266503		
CLASS		05-05		Contraction of the second s
1)M/S. SIDDHI VINAYAK H A COMPANY REGISTERED U ACT, 1956 HAVING ITS REGI PARK, GIDC, PANDESARA, S	KNOTS JNDER STERE SURAT-	& PRINTS PVT. LTD. THE PROVISION OF COMPANIES D OFFICE AT A-26, CENTRAL 394221 GUJARAT.		BAR BAR
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		2月11日 日 四十週日
PRIORITY NA				
DESIGN NUMBER		266527		
CLASS		05-05	- Martinet	
1) SIDDHI VINAYAK KNO A COMPANY REGISTERED COMPANIES ACT, 1956 HAV CENTRAL PARK, GIDC, PAN	TS & P UNDER ING ITS DESAR	RINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT A-26, A, SURAT-394221 GUJARAT.		
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER		264437			
CLASS		12-16			
1)AUDI AG, AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY	(ALEMANIA)				
DATE OF REGISTRATION	04	4/08/2014			
TITLE	WHEEL RI	M FOR VEHICLES			
PRIORITY					
PRIORITY NUMBER	DATE	COUNTRY			
002399360-0001	05/02/2014	OHIM			
DESIGN NUMBER		264967			
CLASS		09-01			
DELHI ROAD, OPP-SANJAY VAN 250103, U.P., INDIA DATE OF REGISTRATION	UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT DELHI ROAD, OPP-SANJAY VAN, NEAR RAJKAMAL ENCLAVE, MEERUT- 250103, U.P., INDIA DATE OF REGISTRATION 22/08/2014				
TITLE	E	BOTTLE			
PRIORITY NA					
DESIGN NUMBER		268724			
CLASS		11-01			
1)BULGARI S.P.A., (A COMPANY (LAWS OF ITALY) OF THE ADDRES LUNGOTEVERE MARZIO, 11, I-00					
DATE OF REGISTRATION	30	3/01/2015			
TITLE	NE	CKLACE			
PRIORITY					
PRIORITY NUMBER	DATE	COUNTRY			
825937701	11/07/2014	WIPO			

DESIGN NUMBER	266965		
CLASS	05-05		
1)SIDDHI VINAYAK I COMPANY REGISTER COMPANIES ACT, 1950 A-26, CENTRAL PAR GUJARAT DATE OF REGISTRATION	KNOTS & PRINTS PVT. LTD. A ED UNDER THE PROVISION OF 6 HAVING ITS REGISTERED OFF RK, GIDC, PANDESARA, SURAT-39 29/10/2014	ICE AT 4221	
TITLE	TEXTILE FABRIC		die Contraction
PRIORITY NA			
DESIGN NUMBER	266990		
CLASS	05-05		
COMPANY REGISTER COMPANIES ACT, 1950 A-26, CENTRAL PAR GUJARAT. DATE OF DECISTRATION	ED UNDER THE PROVISION OF 6 HAVING ITS REGISTERED OFF RK, GIDC, PANDESARA, SURAT-39 29/10/2014	TCE AT 4221	
KEGISI KATION TITI F	ΤΕΥΤΗ Ε ΕΔΒΡΙΟ		The Part of the Pa
PRIORITY NA			
DESIGN NUMBER	267038	_	
CLASS	05-05		
1)SIDDHI VINAYAK I COMPANY REGISTER COMPANIES ACT, 1950 OFFICE AT A-26, CENTRAL PAR 394221 GUJARAT.	KNOTS & PRINTS PVT. LTD. A ED UNDER THE PROVISION OF 6 HAVING ITS REGISTERED RK, GIDC, PANDESARA, SURAT-		
DATE OF REGISTRATION	29/10/2014		in the second second
TITLE	TEXTILE FABRIC	La.	The local the local the
PRIORITY NA			

DESIGN NUMBER		20	56508		
CLASS		05-05			
1) SIDDHI VINAYAK KNOTS A A COMPANY REGISTERED UNI HAVING ITS REGISTERED OFFIC SURAT-394221 GUJARAT.	& PRIN DER TH CE AT	NTS PVT. LTD. HE PROVISION OF (A-26, CENTRAL PA	COMPANIES ACT, RK, GIDC, PANDE	1956 ESARA,	
DATE OF REGISTRATION		09/	10/2014		
TITLE		TEXTI	LE FABRIC		A CONTRACTOR OF A CONTRACTOR A CONTRACT
PRIORITY NA					
DESIGN NUMBER		266532			
CLASS		05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.					
DATE OF REGISTRATION		09/10/2014			
TITLE		TEXTILE FABRIC			
PRIORITY NA					
DESIGN NUMBER		20	55077		
CLASS		2	4-01		\sim
1) TELEFLEX LIFE SCIENCES 3RD FLOOR PAR LA VILLE P 08, BERMUDA	., LACE,	14 PAR LA VILLE I	ROAD, HAMILTON	I, HM	(0)
DATE OF REGISTRATION 25/08/2014					
TITLE	E LARYNGEAL MASK			AL	
PRIORITY					RL
PRIORITY NUMBER		DATE	COUNTRY		1205
001408132		28/03/2014	OHIM		

DECICIN NUMBER	266727	
DESIGN NUMBER	200727	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO HAVING ITS REGISTERED OF A-26, CENTRAL PARK, GIDC	& PRINTS PVT. LTD. A COMPANY OVISION OF COMPANIES ACT, 1956 FICE AT , PANDESARA, SURAT-394221 GUJARAT.	
DATE OF REGISTRATION	15/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266963	
CLASS	05-05	
UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC	PRINTS PVT. LTD. A COMPANY REGIS OMPANIES ACT, 1956 HAVING ITS , PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266988	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC	& PRINTS PVT. LTD. A COMPANY REGIS OMPANIES ACT, 1956 HAVING ITS , PANDESARA, SURAT-394221 GUJARAT	TERED
DATE OF REGISTRATION	29/10/2014	and the second s
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		2	267036		
CLASS		05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT					
DATE OF REGISTRATION		29.	/10/2014		
TITLE		TEXTI	ILE FABRIC		all the second
PRIORITY NA					
DESIGN NUMBER		2	265303		
CLASS			14-02		
1)YOSHIHIRO AZUMA, C/O EMPATHY CO., LTD., K 1-CHOME, MEGURO-KU, TOKY	DX NA 70, 153	NAKAMEGURO BLDG. 6F, 5-4, HIGASHIYAMA 53-0043 JAPAN, A CITIZEN OF JAPAN			
DATE OF REGISTRATION		01/09/2014			
TITLE	F	PERSONAL DIGITAL DEVICE HAVING CARD READERS			
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		1.
2014-004536		03/03/2014	JAPAN		
DESIGN NUMBER		266506			
CLASS		05-05			
1) SIDDHI VINAYAK KNOTS A COMPANY REGISTERED UN ACT, 1956 HAVING ITS REGIST GIDC, PANDESARA, SURAT-39	& PRI IDER T `ERED 4221 G	I NTS PVT. LTD. 'HE PROVISION OF OFFICE AT A-26, CI JUJARAT.	COMPANIES ENTRAL PARK,		
DATE OF REGISTRATION		09/10/2014			
TITLE		TEXTILE FAI	BRIC	P 107/1	
PRIORITY NA					E Carlo Carlos Carlos Carlos

DESIGN NUMBER		2	66530			
CLASS		()5-05			
1) SIDDHI VINAYAK A COMPANY REGISTE ACT, 1956 HAVING ITS GIDC, PANDESARA, SU	KNOTS & RED UNDE REGISTER RAT-39422	PRINTS PVT. LT ER THE PROVISIO ED OFFICE AT A- 1 GUJARAT.	D. N OF COMPANIES 26, CENTRAL PARK,			
DATE OF REGISTRAT	ION	09/10/2014				
TITLE		TEXTI	LE FABRIC			
PRIORITY NA						
DESIGN NUMBER		264	1000			
CLASS		24	-01			
1)JMS CO., LTD. A CO THE LAWS OF JAPAN 12-17, KAKO-MACH 8652 JAPAN DATE OF	JMPANY (, HAVING] I, NAKA-KI	DRGANIZED ANI ITS OFFICE AT U, HIROSHIMA-SI	HI, HIROSHIMA 730-	R 1		
REGISTRATION		14/07/20	14			
TITLE	PRESERV	ATION CONTAIN BLOOD COMP	NER FOR BLOOD OR ONENTS			
PRIORITY PRIORITY NUMBER 2014-000487		DATE 14/01/2014	COUNTRY JAPAN			
DESIGN NUMBER			265297			
CLASS			09-01			
1)POLYSET PLASTIC THE INDIAN COMPAN 901-906, 9TH FLOOR (EAST), MUMBAI-400 0	CS PVT. LT I IES ACT, 1 ., CELLO TI 67, MAHAR	D., INDIAN COM 1956, WHOSE AD RIUMUPH, I. B. PA ASHTRA, INDIA	PANY REGISTERED DRESS IS ATEL ROAD, GOREGA	UNDER AON		
DATE OF REGISTRAT	ION		01/09/2014			
TITLE			BOTTLE			
PRIORITY NA						

I

DESIGN NUMBER	266962	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA		
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266987	
CLASS	05-05	
UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA		
		S. Sale Jose Lake
PRIORITY NA		
DESIGN NUMBER	267035	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA		
DATE OF REGISTRATION	29/10/2014	Discourse of the second se
TITLE	TEXTILE FABRIC	Contraction of the second
PRIORITY NA		

DESIGN NUMBER	266505	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS A COMPANY REGISTERED UNI ACT, 1956 HAVING ITS REGIST GIDC, PANDESARA, SURAT-394	& PRINTS PVT. LTD. DER THE PROVISION OF COMPANIES ERED OFFICE AT A-26, CENTRAL PARK, 221 GUJARAT.	
DATE OF REGISTRATION	09/10/2014	A AN ANT
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266529	
CLASS	05-05	
REGISTERED UNDER THE PRO HAVING ITS REGISTERED OFFI PANDESARA, SURAT-394221 GU	VISION OF COMPANIES ACT, 1956 CE AT A-26, CENTRAL PARK, GIDC, JJARAT.	
DATE OF REGISTRATION	09/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	264876	
CLASS	15-06	~
1)LAKSHMI MACHINE WOR ITS REGISTERED OFFICE AT PERIANAICKENPALAYAM,	KS LIMITED, AN INDIAN COMPANY HAVI COIMBATORE-641 020, TAMIL NADU, INDIA	NG
DATE OF REGISTRATION	19/08/2014	19 18
TITLE	SUCTION NOZZLE FOR COMPACT SPIN MACHINE	VNING
PRIORITY NA		

DESIGN NUMBER	2667	124	
CLASS	05-()5	
1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO HAVING ITS REGISTERED OFF A-26, CENTRAL PARK, GIDC,	PRINTS PVT. LTD. A VISION OF COMPA ICE AT PANDESARA, SURAT	A COMPANY NIES ACT, 1956 Γ-394221 GUJARAT	
DATE OF REGISTRATION	15/10/	2014	
TITLE	TEXTILE	FABRIC	
PRIORITY NA		1	
DESIGN NUMBER		268723	
CLASS		11-01	
1)BULGARI S.P.A., (A COMPA LAWS OF ITALY) OF THE ADD LUNGOTEVERE MARZIO, 11,			
DATE OF REGISTRATION		08/01/2015	
TITLE		RING	
PRIORITY	I		
PRIORITY NUMBER	DATE	COUNTRY	
825937701	11/07/2014	WIPO	
DESIGN NUMBER		266964	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION			
PRIORITY NA			

DESIGN NUMBER	266989	
CLASS	05-05	
1)SIDDHI VINAYAK KU REGISTERED UNDER T 1956 HAVING ITS REGIS A-26, CENTRAL PARK GUJARAT	NOTS & PRINTS PVT. LTD. A CON HE PROVISION OF COMPANIES A STERED OFFICE AT GIDC, PANDESARA, SURAT-39422	IPANY SCT, Image: Constraint of the second sec
DATE OF REGISTRATIO	DN 29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	267037	
CLASS	05-05	
COMPANY REGISTERE COMPANIES ACT, 1956 OFFICE AT A-26, CENTRAL PARK 394221 GUJARAT DATE OF REGISTRATION TITLE PRIORITY NA	UNDER THE PROVISION OF HAVING ITS REGISTERED 2, GIDC, PANDESARA, SURAT- 29/10/2014 TEXTILE FABRIC	
DESIGN NUMBER	266507	
CLASS	05-05	
1) SIDDHI VINAYAK K A COMPANY REGISTERE COMPANIES ACT, 1956 H A-26, CENTRAL PARK, G GUJARAT.	NOTS & PRINTS PVT. LTD. ED UNDER THE PROVISION OF AVING ITS REGISTERED OFFICE A IDC, PANDESARA, SURAT-394221	T
DATE OF REGISTRATION	09/10/2014	
TITLE	TEXTILE FABRIC	States of the state of the stat
PRIORITY NA		

The Patent Office Journal 05/06/2015

DESIGN NUMBER		266531		
CLASS		05-05		
1) SIDDHI VINAYAK KM A COMPANY REGISTERE 1956 HAVING ITS REGISTI PANDESARA, SURAT-3942	N OTS & P D UNDER Ered off 21 Guja	RINTS PVT. LTD. A THE PROVISION OF COMPA FICE AT A-26, CENTRAL PAR RAT.	ANIES ACT, RK, GIDC,	
DATE OF REGISTRATIO	N	09/10/2014		
TITLE		TEXTILE FABRIC		North Parts
PRIORITY NA				
DESIGN NUMBER		264885		
CLASS		07-02		
1) VIVEK DESHLAHRA. 157, AAREY ROAD, OP MUMBAI-400 062., MAHAR	(INDIAN P. AMBAI RASHTRA	NATIONAL) OF HAVING O MATA TEMPLE, GOREGAON A, (INDIA)	FFICE AT (WEST),	
DATE OF REGISTRATIO	N	20/08/2014		
TITLE		LID HANDLE OF KITC	HEN UTENS	L
PRIORITY NA				
DESIGN NUMBER		266726		
CLASS		05-05		
1)SIDDHI VINAYAK KN COMPANY REGISTERED COMPANIES ACT, 1956 H AT A-26, CENTRAL PARK, GUJARAT	OTS & PI UNDER AVING I GIDC, PA	RINTS PVT. LTD. A THE PROVISION OF TS REGISTERED OFFICE ANDESARA, SURAT-394221		
DATE OF REGISTRATION		15/10/2014		
TITLE		TEXTILE FABRIC	He C	
PRIORITY NA				

DESIGN NUMBER		263334		
CLASS		26-05		
1) RAHUL SHAH, AN INDL 3, SUDARSHAN SOCIETY NARANPURA, AHMEDABAI	AN NA 7 7 PART- D-38001	FIONAL, HAVING ADDRESS AT -1, NR. NARANPURA POST OFFIC 3, GUJARAT STATE, INDIA	ľ, CE,	~ ~
DATE OF REGISTRATION		13/06/2014		
TITLE		CEILING LIGHT FIXTUR	E	
PRIORITY NA				
DESIGN NUMBER		266970		
CLASS		05-05		
1)SIDDHI VINAYAK KNO UNDER THE PROVISION O REGISTERED OFFICE AT A-26, CENTRAL PARK, G	FS & PI F COM IDC, PA	RINTS PVT. LTD. A COMPANY PANIES ACT, 1956 HAVING ITS ANDESARA, SURAT-394221 GUJA	REGISTERE } \RAT	D
DATE OF REGISTRATION		29/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		266995		
CLASS		05-05	the second	
1)SIDDHI VINAYAK KNO' REGISTERED UNDER THE 1956 HAVING ITS REGISTE A-26, CENTRAL PARK, G GUJARAT.	FS & PI PROVI RED O IDC, PA	RINTS PVT. LTD. A COMPANY SION OF COMPANIES ACT, FFICE AT NDESARA, SURAT-394221		
DATE OF REGISTRATION		29/10/2014	**	2 22251 -24
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER		266513		
CLASS		05-05		the state of the s
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A- 26, CENTRAL PARK, GIDC. PANDESARA, SURAT-394221 GUJARAT.			and a	
DATE OF REGISTRATION		09/10/2014	100 CAL	
TITLE		TEXTILE FABRIC	Contraction of the local division of the loc	
PRIORITY NA				and an other statements of the statement
DESIGN NUMBER		265845		
CLASS		05-05		
1)JADE ESERVICES PRI PLOT NO. 103, UDYOG Y	V ATE LI VIHAR, P	MITED HAVING ADDRESS AS PHASE-I, GURGAON-122 016, HA	ARYANA, INDIA	
DATE OF REGISTRATION	ſ	23/09/2014		
TITLE		TEXTILE FABRI	TEXTILE FABRIC	
PRIORITY NA				
DESIGN NUMBER		264825		
CLASS		12-16		
1) DEERE & COMPANY , A ONE JOHN DEERE PLAC				
DATE OF REGISTRATION	OF REGISTRATION 18/08/2014			
TITLE		FAN SHROUD FOR A V	'EHICLE	
PRIORITY NA				

DESIGN NUMBER			264893			
CLASS		14-99				
1)SAMSUNG ELECTRO 129, SAMSUNG-RO, Y REPUBLIC OF KOREA	NICS C EONGT(CO., LTD., A KOR DNG-GU, SUWON	REAN COMPA N-SI, GYEONC	NY, OF GGI-DO, 443-7	42M,	
DATE OF REGISTRATIC	N		20/08/202	4		
TITLE		BAND FOR P	ORTABLE EL FOR SAMRTI	ECTRONIC D PHONE	EVICE	
PRIORITY						
PRIORITY NUMBER		DATE	COUNTE	RY		
30-2014-0009040		22/02/2014	KOREA(SOUTH)		0
DESIGN NUMBER		264162				
CLASS		16-05				
1)PANKAJ VERMA HU INDIAN NATIONALS) TI B-62, G.T. KARNAL RO DELHI-110033	F AND A Rading Dad, Ini	AMAN VERMA () 3 AS SIMSUN INI DUSTRIAL AREA	BOTH DUSTRIES, A, NEW			
DATE OF REGISTRATION		18/07/2014	18/07/2014			00
TITLE	FLASH	LIGHT FOR PHO	OTOGRAPHY			Martin Contraction
PRIORITY NA					ILVIECS	
DESIGN NUMBER		25	56110			
CLASS		1	7-01			
1)SYDNEY MATHEWS ADDRESS 200 RIDEAU TERRACI CANADA	A CAN	ADIAN NATION 403 OTTAWA, OI	AL OF THE NTARIO K1M	0Z3,		\sim
DATE OF REGISTRATION 29/08/2013						
TITLE		PIANO KEY				/ /
PRIORITY PRIORITY NUMBER		DATE	COUNTR	Y	K	
152140		23/07/2013	CANADA		1	V
	_					X/

DESIGN NUMBER			266961			
CLASS		05-05				
1)SIDDHI VINAYAK UNDER THE PROVIS REGISTERED OFFIC A-26, CENTRAL PA	K KNOTS & D ION OF CO E AT ARK, GIDC, F	PRINTS PVT. LTD. A (MPANIES ACT, 1956 F PANDESARA, SURAT-3	COMPANY REG IAVING ITS 394221 GUJARAT	GISTERED	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12
DATE OF REGISTRA	TION	29	9/10/2014		······································	3. 5. 57
TITLE		TEXT	TILE FABRIC		27 20 29	Concession and
PRIORITY NA						
DESIGN NUMBER		266986				
CLASS		05-05				
1)SIDDHI VINAYAK REGISTERED UNDEI 1956 HAVING ITS RE A-26, CENTRAL PA GUJARAT.	KNOTS & 1 R THE PROV GISTERED (ARK, GIDC, F	PRINTS PVT. LTD. A (VISION OF COMPANI OFFICE AT PANDESARA, SURAT-3	COMPANY ES ACT, 394221			
DATE OF REGISTRA	TION	29/10/2014	4			
TITLE		TEXTILE FABRIC				A STORE W
PRIORITY NA						
DESIGN NUMBER		267034				
CLASS		05-05			-	
1)SIDDHI VINAYAK COMPANY REGISTE OF COMPANIES ACT REGISTERED OFFIC A-26, CENTRAL PA 394221 GUJARAT	KNOTS & I RED UNDEH 7, 1956 HAVI E AT ARK, GIDC, F	PRINTS PVT. LTD. A R THE PROVISION NG ITS PANDESARA, SURAT-				
DATE OF REGISTRATION		29/10/2014		*	•	Ma
TITLE	TEX	TILE FABRIC		and a		Phile .
PRIORITY NA				R		

				1
DESIGN NUMBER		265296		
CLASS				
1)POLYSET PLASTICS F THE INDIAN COMPANIES 901-906, 9TH FLOOR, CI (EAST), MUMBAI-400067, N	PVT. LTD S ACT, 19 ELLO TRI MAHARA	., INDIAN COMPANY REGIS 5 6, WHOSE ADDRESS IS IUMUPH, I. B. PATEL ROAD, G SHTRA, INDIA	T ERED UNDER OREGAON	
DATE OF REGISTRATION	N	01/09/2014		
TITLE		COOKING OIL DISP	ENSER	
PRIORITY NA				
DESIGN NUMBER		266504		
CLASS		05-05		
1)M/S. SIDDHI VINAYAH A COMPANY REGISTERED COMPANIES ACT, 1956 HA 26, CENTRAL PARK, GIDC GUJARAT. DATE OF REGISTRATION TITLE PRIORITY NA	X KNOTS D UNDER AVING IT: , PANDES	& PRINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT A- SARA, SURAT-394221 09/10/2014 TEXTILE FABRIC		
DESIGN NUMBER		266528		
CLASS		05-05	- Barrison - Contraction - Con	
1) SIDDHI VINAYAK KN A COMPANY REGISTEREI COMPANIES ACT, 1956 HA A-26, CENTRAL PARK, GII GUJARAT.	IOTS & P D UNDER VING IT: DC, PAND	RINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT ESARA, SURAT-394221		
DATE OF REGISTRATION		09/10/2014	Sec.	A THE AT A
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER	264	438	
CLASS	12	-16	
1)AUDI AG, AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERM	ANY (ALEMANIA)		
DATE OF REGISTRATION	04/08	3/2014	
TITLE	WHEEL RIM F	FOR VEHICLES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002399360-0002	05/02/2014	OHIM	
DESIGN NUMBER	263	3270	
CLASS	12	-16	A COLORIZATION OF THE OWNER OWNER OF THE OWNER OWNE
AT UNIT-II, GT ROAD, TEHSIL PAY. DATE OF REGISTRATION TITLE PRIORITY NA	AL, DORAHA-141421 11/06 OPERATOR'S CA	5/2014 ABIN FOR CRANE	
DESIGN NUMBER	265	5176	
CLASS	07	-04	
1)CELLTONE HOME APPLIANCE CONCERN), HAVING OFFICE AT 1 OPP. MALAD INDUSTRIAL UNITS LANE EXTINCTION, KANCH PAD MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS MAHES ADDRESS			
DATE OF REGISTRATION	27/08	3/2014	
TITLE	JUI	CER	In the second
PRIORITY NA			

DESIGN NUMBER	266968	
CLASS	05-05	
1)SIDDHI VINAYAK K COMPANY REGISTERE COMPANIES ACT, 1956 AT A-26, CENTRAL PARE 394221 GUJARAT	NOTS & PRINTS PVT. LTD. A D UNDER THE PROVISION OF HAVING ITS REGISTERED OFFICE K, GIDC, PANDESARA, SURAT-	States -
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266993	
CLASS	05-05	-
COMPANY REGISTERE COMPANIES ACT, 1956 AT A-26, CENTRAL PARE GUJARAT. DATE OF REGISTRATION TITLE PRIORITY NA	D UNDER THE PROVISION OF HAVING ITS REGISTERED OFFICE X, GIDC, PANDESARA, SURAT-394221 29/10/2014 TEXTILE FABRIC	
DESIGN NUMBER	266511	
CLASS	05-05	
1) SIDDHI VINAYAK K A COMPANY REGISTERI COMPANIES ACT, 1956 H A-26, CENTRAL PARK, G GUJARAT.	EXAMPLE 1 CONTRACTOR OF CONTA	
DATE OF REGISTRATION	09/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		264661	
DESIGN NUMBER		10.05	
1)JUBILEE DIAMOND INSTRUM ROOM 807, 8/F, NEW TREND CEI PO KONG, KOWLOON, HONG KONG LAWS OF HONG KONG)	N M		
DATE OF REGISTRATION	11	1/08/2014	
TITLE	DIAMONI	O SEGREGATOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/492,142	28/05/2014	U.S.A.	
DESIGN NUMBER		265776	
CLASS		23-04	~
1) DAIKIN INDUSTRIES LTD., A J UMEDA CENTER BUILDING, 4-1 OSAKA-SHI, OSAKA-FU, JAPAN			
DATE OF REGISTRATION	19	9/09/2014	
TITLE	AIR PURIFIER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-014141	27/06/2014	JAPAN	
DESIGN NUMBER		265842	
CLASS		05-05	
1)JADE ESERVICES PRIVATE LI PLOT NO. 103, UDYOG VIHAR, F	MITED HAVING AD HASE-I, GURGAON-	DRESS AS 122016, HARYANA, INDIA	
DATE OF REGISTRATION	23	3/09/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		264890	
CLASS		14-03	
1)SAMSUNG ELECTRONICS CO 129, SAMSUNG-RO, YEONGTO REPUBLIC OF KOREA			
DATE OF REGISTRATION		20/08/2014	
TITLE	PORTABL	E ELECTRONIC DEVICE FOR SMARTPHONE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	0
30-2014-0009046	22/02/2014	KOREA(SOUTH)	
DESIGN NUMBER		261003	
CLASS		30-02	3-427.00.1 1
1)KERALA VETERINARY AND POOKODE, IAKKIDI, P.O-67357	ANIMAL SCIEN 6, WAYAND, KE	I CES UNIVERSITY, ERALA, INDIA	
DATE OF REGISTRATION		17/03/2014	
TITLE		GOAT PEN	The second s
PRIORITY NA			1 2
DESIGN NUMBER		266730	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & 2 UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, F			
DATE OF REGISTRATION		15/10/2014	
TITLE		TEXTILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		2	66981	
CLASS		()5-05	-
1)SIDDHI VINAYAK UNDER THE PROVISI REGISTERED OFFICH A-26, CENTRAL PA	KNOTS & PI ON OF COM E AT RK, GIDC, PA	RINTS PVT. LTD. A CO PANIES ACT, 1956 HA NDESARA, SURAT-39	OMPANY REGISTERED AVING ITS 4221 GUJARAT	
DATE OF REGISTRAT	TION	29/	10/2014	
TITLE		TEXTI	LE FABRIC	10 AB 3/4 84
PRIORITY NA				
DESIGN NUMBER		267029		
CLASS		05-05		
1)SIDDHI VINAYAK COMPANY REGISTEH COMPANIES ACT, 195 OFFICE AT A-26, CENTRAL PA 394221 GUJARAT.	KNOTS & PI RED UNDER 56 HAVING I RK, GIDC, PA	RINTS PVT. LTD. A THE PROVISION OF IS REGISTERED NDESARA, SURAT-		
DATE OF REGISTRATION	2	29/10/2014		
TITLE	TEX	TILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		266499		
CLASS		05-05		and the second
1) SIDDHI VINAYAK A COMPANY REGISTH COMPANIES ACT, 1950 A-26, CENTRAL PARK, GUJARAT.	ERED UNDER HAVING ITS GIDC, PAND	RINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICI ESARA, SURAT-39422	E AT	
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER		266523		
CLASS		05-05		
1)SIDDHI VINAYAK A COMPANY REGISTI OF COMPANIES ACT, OFFICE AT A-26, CEN PANDESARA, SURAT-	K KNO ERED U 1956 H TRAL I -394221	IS & PRINTS PVT. LTD. JNDER THE PROVISION AVING ITS REGISTERED PARK, GIDC, GUJARAT.		
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA			17	
DESIGN NUMBER		264588		
CLASS		08-07		
1)KAMESHBHAI NA NATIONAL) SOLE PR PROPRIETORSHIP C 2, PATELNAGAR, H GUJARAT-(INDIA) DATE OF REGISTRA' TITLE	COPRII ONCE 3HOJA TION	ETOR OF GOLDEN INDIA (INDIA RN) HAVING PLACE OF BUSINE BHAGAT STREET, RAJKOT-36000 08/08/2014 TOWER BOLT SET	AN SS AT- 2-	
PRIORITY NA				9
DESIGN NUMBER		266975		
CLASS		05-05		
1)SIDDHI VINAYAK COMPANY REGISTE COMPANIES ACT, 19 AT A-26, CENTRAL PA GUJARAT	K KNOT RED U 56 HAV	IS & PRINTS PVT. LTD. A NDER THE PROVISION OF VING ITS REGISTERED OFFICE IDC, PANDESARA, SURAT-394221	NA ALA PA	
DATE OF REGISTRATION		29/10/2014		A THE A
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER	ESIGN NUMBER			
CLASS		05-05		
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID				
DATE OF REGISTRATION		29/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		266493		
CLASS		05-05		
1) SIDDHI VINAYAK KNOTS A COMPANY REGISTERED UN HAVING ITS REGISTERED OFF SURAT-394221 GUJARAT.	S & P NDER FICE A	RINTS PVT. LTD. . THE PROVISION OF COMPANIES AC AT A-26, CENTRAL PARK, GIDC, PANI	T, 1956 DESARA,	
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA			1	
DESIGN NUMBER		266517		
CLASS		05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.				
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC	X	
PRIORITY NA				

DESIGN NUMBER			263936		
CLASS		08.08			
1)(1). BANKIMBHAI VELJJ PARIKH (3) VINESHBHAI R KISHORBHAI DEPANI., ALI CREATION., AN INDIAN PA PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. P 360004. GUJARAT-INDIA	IBHAI ATILA L INDL RTNE PARIMA	MANVAR, (2 L DADHANI AN NATION RSHIP FIRM AL SCHOOL,	2) ALPESHBHAI HA IYA (4). MITKUMAI AL PARTNERS OF I I., HAVING ITS PRI KALAWAD ROAD, I	SMUKHBHAI R M/S. BARRY NCIPLE RAJKOT-	I
DATE OF REGISTRATION			09/07/2014		
TITLE			CURTAIN BRACKI	T	
PRIORITY NA					
DESIGN NUMBER		26	55583		
CLASS		2	4-02		
1)KARL STORZ GMBH & MITTELSTRASSE 8, D-785	СО. КО 532 ТИ	G , A GERMA ITLINGEN, C	. N COMPANY OF GERMANY	4	/
DATE OF REGISTRATION		10/0	10/09/2014		
TITLE		END	OSCOPE		
PRIORITY					
PRIORITY NUMBER	D	ATE	COUNTRY		Sec.
002422295-0001	1	1/03/2014	OHIM		-
DESIGN NUMBER			267226		
CLASS			19-99		
1)LANCHESTTER ACADE INCORPORATED UNDER T REGISTERED OFFICE AT N AVENUE, VELACHERY, CH P. MOHANAKANNAN, AN IP OF BUSINESS AT NO. 9 (OLD NO. 45), PANI CHENNAI 600042, STATE OF	MY PR HE CO IO. 9 (C ENNA IOLAN S' TAMIL	RIVATE LIM MPANIES A DLD NO. 45), I 600042, STA CITIZEN, H TREET, SAN L NADU, IND	ITED, AN INDIAN C CT, 1956, HAVING I PANDIAN STREET ATE OF TAMIL NAI IAVING HIS PRINCI KARAN AVENUE, V	COMPANY, ITS , SANKARAN DU, INDIA AND IPAL PLACE ELACHERY,	
DATE OF REGISTRATION			07/11/2014		
TITLE		PE	NCIL GRIP (FOR WR	ITING)	
PRIORITY NA					

DESIGN NUMBER		266971	
CLASS		05-05	-
1)SIDDHI VINAYAK KNO UNDER THE PROVISION O REGISTERED OFFICE AT A-26, CENTRAL PARK, G	IS & PI F COM IDC, PA	RINTS PVT. LTD. A COMPANY REGISTERED PANIES ACT, 1956 HAVING ITS NDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION		29/10/2014	
TITLE		TEXTILE FABRIC	- Contraction of the second se
PRIORITY NA			
DESIGN NUMBER		266996	
CLASS		05-05	100 8 1 1 th
1956 HAVING ITS REGISTE A-26, CENTRAL PARK, G GUJARAT. DATE OF REGISTRATION TITLE PRIORITY NA	RED O	FFICE AT NDESARA, SURAT-394221 Image: Constraint of the second	
DESIGN NUMBER		266514	
CLASS		05-05	
1)SIDDHI VINAYAK KNO A COMPANY REGISTERED HAVING ITS REGISTERED C SURAT-394221 GUJARAT.	FS & PI UNDER FFICE	RINTS PVT. LTD. . THE PROVISION OF COMPANIES ACT, 1956 AT A-26, CENTRAL PARK, GIDC, PANDESARA	
DATE OF REGISTRATION		09/10/2014	
TITLE		TEXTILE FABRIC	and the state of the set
PRIORITY NA			
DESIGN NUMBER	265566		
---	---	--------------	
CLASS	11-02		
1)RADIUS CORPORATIO 57-58, VARDHMAN NAO CHHATTISGARH, INDIA A INDIA	DN LTD. WHOSE ADDRESS IS GAR, RAJNANDGAON-491441, STATE- REGISTERED COMPANY SITUATED IN		
DATE OF REGISTRATION	10/09/2014		
TITLE	DECORATIVE ARTICLE		
PRIORITY NA			
DESIGN NUMBER	265847		
CLASS	05-05		
1)JADE ESERVICES PRI PLOT NO. 103, UDYOG V INDIA	VATE LIMITED HAVING ADDRESS A VIHAR, PHASE-I, GURGAON-122 016, H	S ARYANA,	
DATE OF REGISTRATION	23/09/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	266973		
CLASS	05-05		
1)SIDDHI VINAYAK KNO COMPANY REGISTERED COMPANIES ACT, 1956 HA A-26, CENTRAL PARK, O GUJARAT.	OTS & PRINTS PVT. LTD. A UNDER THE PROVISION OF AVING ITS REGISTERED OFFICE AT GIDC, PANDESARA, SURAT-394221		
DATE OF REGISTRATION	29/10/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	266998			
CLASS	05-05			
1)SIDDHI VINAYAK KNO REGISTERED UNDER THI 1956 HAVING ITS REGIST A-26, CENTRAL PARK, O GUJARAT.	DTS & PI E PROVI ERED O GIDC, PA	RINTS PVT. LTD. A COMPANY SION OF COMPANIES ACT, FFICE AT NDESARA, SURAT-394221		
DATE OF REGISTRATION		29/10/2014	I P SHIPP	A States
TITLE		TEXTILE FABRIC	Kin Harrison	and the second
PRIORITY NA			* 20	
DESIGN NUMBER		266492		
CLASS		05-05		
1) SIDDHI VINAYAK KN A COMPANY REGISTEREI HAVING ITS REGISTERED SURAT-394221 GUJARAT.	OTS & P O UNDER OFFICE .	RINTS PVT. LTD. . THE PROVISION OF COMPANI AT A-26, CENTRAL PARK, GIDC	ES ACT, 1956 2, PANDESARA,	
DATE OF REGISTRATION	I	09/10/2014		
TITLE		TEXTILE FABRI	2	
PRIORITY NA				
DESIGN NUMBER		266516		
CLASS		05-05		all the second sec
1) SIDDHI VINAYAK KN A COMPANY REGISTERED COMPANIES ACT, 1956 HA 26, CENTRAL PARK, GIDC, GUJARAT.	OTS & P O UNDER VING ITS PANDES	RINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT A- SARA, SURAT-394221		
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC	Contraction of the local division of the loc	
PRIORITY NA				

DESIGN NUMBER	266544	
CLASS	09-03	
1)ELOFIC INDUSTRIES LIMITEI AND EXISTING UNDER THE COM 14/4, MATHURA ROAD, SECTOR	O (AN INDIAN COMPANY INCORPORATED PANIES ACT, 1956) HAVING ADDRESS AT 31, FARIDABAD, HARYANA 121001	
DATE OF REGISTRATION	09/10/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	264841	
CLASS	24-01	
1)SECRETARY, DEPARTMENT O SCIENCE AND TECHNOLOGY, GO BLOCK 2, C.G.O. COMPLEX, LOI	DF BIOTECHNOLOGY, MINISTRY OF DVERNMENT OF INDIA OF DHI ROAD, NEW DELHI-110 003	-
DATE OF REGISTRATION	19/08/2014	
TITLE	MEDICAL DEVICE FOR ASSISTING INSERTION OF ENTERAL TUBE	
PRIORITY NA		
DESIGN NUMBER	266972	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA		
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		266997		
CLASS	05-05		and a	
1)SIDDHI VINAYAK K COMPANY REGISTERE COMPANIES ACT, 1956 OFFICE AT A-26, CENTRAL PARI 394221 GUJARAT.	NOTS & CD UNDE HAVING K, GIDC, 1	PRINTS PVT. LTD. A R THE PROVISION OF HTS REGISTERED PANDESARA, SURAT-	A A A	
DATE OF REGISTRATION		29/10/2014		
TITLE		TEXTILE FABRIC	7 3-03	
PRIORITY NA				
DESIGN NUMBER		266515		
CLASS		05-05		
1) SIDDHI VINAYAK H A COMPANY REGISTER 1956 HAVING ITS REGIS PANDESARA, SURAT-39	KNOTS & RED UND TERED C 4221 GUJ	PRINTS PVT. LTD. ER THE PROVISION OF COM OFFICE AT A-26, CENTRAL F ARAT.	MPANIES ACT, PARK, GIDC,	222722
DATE OF REGISTRATI	ON	09/10/2014	4	State Street
TITLE		TEXTILE FAI	BRIC	Line Court States
PRIORITY NA				
DESIGN NUMBER		2575	96	
CLASS		26-0	03	
1) M/S SHREE SANT K 7, AKSHAY COMPLE MAHARASHTRA, INDIA	RIPA INT X, OFF. D , AN IND	T ELLECTUAL, HAVING OF PHOLE PATIL ROAD, PUNE- IAN COMPANY	F FICE AT 411001,	
DATE OF REGISTRATI	FION 21/10/20		2013	
TITLE		CEILING FIXTURE FOR LAMPS		
PRIORITY NA				

DESIGN NUMBER			265485		
CLASS			26-02		
1)ANDSLITE PVT. LTD. DELHI-110092, INDIA (AN INDIAN COMPAN ACT, 1956)	, 103, PATPAR (Y DULY REGIS	G ANJ TEREI	INDUSTRIAL AR	EA, MPANIES	
DATE OF REGISTRATIO	N		08/09/2014		0
TITLE			TORCH		the last
PRIORITY NA					
DESIGN NUMBER			265851		
CLASS			05-06		
1)LG HAUSYS, LTD., A ONE IFC BUILDING, 10 GU, SEOUL, REPUBLIC OF	KOREAN COR) GUKJEGEUM ⁷ KOREA	PORA YUNG	TION, -RO, YEONGDEUN	NGPO-	
DATE OF REGISTRATIO	N		23/09/2014		
TITLE	SY	NTHE	TIC RESIN PAPER	2	
PRIORITY PRIORITY NUMBER KR 30-2014-0023177	DATE 09/05/2014	TE COUNTRY 05/2014 REPUBLIC OF KOREA			
DESIGN NUMBER		2666	89		
CLASS		12-0	8	4	
1)GREAT WALL MOTOR COMPANY LIMITED, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R. CHINA OF 2266 CHAOYANG SOUTH STREET, BAODING CITY, HEBEI PRO., P.R. CHINA				(PR)	
REGISTRATION	- 	13/10/2014			Car Lap
TITLE	<u> </u>	CA	x	16	STAR L
PKIORITY			COUNTRY		
	DATE	4	CUDIA		\sim
201430089409.6	15/04/2014	15/04/2014 CHINA			

The Patent Office Journal 05/06/2015

DESIGN NUMBER		266888		
CLASS		08-03		
1) SAJIMON. VR., V.R. INDU PURAPUZHA P.O., THODU AN INDIAN	STRI I PUZH	E S, A, IDUKKI DIST., KERALA, PIN 685 53	83, INDIA,	
DATE OF REGISTRATION		22/10/2014		
TITLE		RUBBER TAPPING KNIFE		
PRIORITY NA				
DESIGN NUMBER		266969		
CLASS		05-05		
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GII DATE OF REGISTRATION	5 & PI COM DC, PA	PANIES ACT, 1956 HAVING ITS NDESARA, SURAT-394221 GUJARAT 29/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		266994		
CLASS		05-05	15 33	
1)SIDDHI VINAYAK KNOTS REGISTERED UNDER THE P HAVING ITS REGISTERED C A-26, CENTRAL PARK, GII GUJARAT	5 & PI ROVI DFFIC DC, PA	RINTS PVT. LTD. A COMPANY SION OF COMPANIES ACT, 1956 E AT NDESARA, SURAT-394221		
DATE OF REGISTRATION		29/10/2014		
TITLE		TEXTILE FABRIC	The second	
PRIORITY NA				

DESIGN NUMBER	266	5512	
CLASS	05	-05	
1) SIDDHI VINAYAK KNOTS & F A COMPANY REGISTERED UNI 1956 HAVING ITS REGISTERED OF PANDESARA, SURAT-394221 GUJA	RINTS PVT. LTD. DER THE PROVISION FICE AT A-26, CENTR RAT.	OF COMPANIES ACT, AL PARK, GIDC,	
DATE OF REGISTRATION	09/10)/2014	The Part of the State
TITLE	TEXTILE	E FABRIC	The there the
PRIORITY NA			
DESIGN NUMBER		265777	
CLASS		23-04	
1) DAIKIN INDUSTRIES LTD., A. UMEDA CENTER BUILDING, 4- OSAKA-SHI, OSAKA-FU, JAPAN	APANESE COMPAN 2 NAKAZAKI-NISHI	Y OF THE ADDRESS: 2-CHOME, KITA-KU,	2
DATE OF REGISTRATION	19	9/09/2014	
TITLE	AIR	PURIFIER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-014143	27/06/2014	JAPAN	
DESIGN NUMBER		265843	
CLASS		05-05	
1)JADE ESERVICES PRIVATE LI PLOT NO. 103, UDYOG VIHAR, I	MITED HAVING AD PHASE-I, GURGAON-	DRESS AS 122 016, HARYANA, INDIA	
DATE OF REGISTRATION	23	3/09/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		264891	
CLASS		14-03	
1)SAMSUNG ELECTRONICS C 129, SAMSUNG-RO, YEONGTO REPUBLIC OF KOREA	J P		
DATE OF REGISTRATION		20/08/2014	
TITLE	PORTABL	E ELECTRONIC DEVICE FOR SMARTPHONE	(Contraction of the second se
PRIORITY			E
PRIORITY NUMBER	DATE	COUNTRY	
30-2014-0009043	22/02/2014	KOREA(SOUTH)	La
DESIGN NUMBER		266731	
CLASS		05-05	
UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,			
DATE OF REGISTRATION		15/10/2014	
TITLE		TEXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		266967	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,			
DATE OF REGISTRATION		29/10/2014	
TITLE		TEXTILE FABRIC	
PRIORITY NA			

DESIGN NUMBER	266992				
CLASS	05-05				
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.DATE OF REGISTRATION29/10/2014					
TITLE		TEXTILE FABRIC			The second se
PRIORITY NA					
DESIGN NUMBER		266510		-	
CLASS		05-05			
1) M/S. SIDDHI VINAYAK A COMPANY REGISTERED COMPANIES ACT, 1956 HAV 26, CENTRAL PARK, GIDC, I	KNOTS & UNDER TH 'ING ITS R PANDESAF	***			
DATE OF REGISTRATION	09/10/2014			Re ge 3	
TITLE	TEXTILE FABRIC			11 St 1	
PRIORITY NA		を強い			
DESIGN NUMBER		20	55775		
CLASS	23-04				
1) DAIKIN INDUSTRIES L UMEDA CENTER BUILD OSAKA-SHI, OSAKA-FU, JAI	FD., A JAP ING, 4-12 N PAN	ANESE COMPANY JAKAZAKI-NISHI 2-	OF THE A	ADDRESS: KITA-KU,	
DATE OF REGISTRATION		19/0	09/2014		
TITLE		AIR F	URIFIER		
PRIORITY PRIORITY NUMBER 2014-007521		DATE 04/04/2014	COUN JAPAN	TRY	

DESIGN NUMBER		2648	89	
CLASS	14-03			
1)SAMSUNG ELECTRONICS CO 129, SAMSUNG-RO, YEONGTON REPUBLIC OF KOREA	, LTD., A KOR IG-GU, SUWON	EAN COM -SI, GYEO	PANY, OF NGGI-DO, 443-742M,	
DATE OF REGISTRATION		20/08/2	2014	
TITLE	PORTABL	E ELECTR SMARTF	ONIC DEVICE FOR PHONE	
PRIORITY	1			
PRIORITY NUMBER	DATE	COUN	TRY	
30-2014-0009041	22/02/2014	KORE	A(SOUTH)	
DESIGN NUMBER		2649	90	
CLASS		12-1	.6	
1)KUBOTA CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OFJAPAN, OF THE ADDRESS 2-47, SHIKITSUHIGASHI 1-CHOME, NANIWA-KU, OSAKA-CITY, OSAKA 556- 8601, JAPAN				
DATE OF REGISTRATION		22/08/2	2014	
TITLE	ENGIN	E BONNE	Γ OF TRACTOR	
PRIORITY	1		1	
PRIORITY NUMBER	DATE		COUNTRY	
2014-012744	12/06/2014	ļ.	JAPAN	
DESIGN NUMBER		2650	93	
CLASS	07-02			
1)POLYSET PLASTICS PVT. LTD., INDIAN COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956, WHOSE ADDRESS IS 901-906, 9TH FLOOR, CELLO TRIUMUPH, I. B. PATEL ROAD, GOREGAON (EAST), MUMBAI-400 067, MAHARASHTRA, INDIA				
DATE OF REGISTRATION		25/08/2	2014	
TITLE	KITCHE	EN STORA	GE CONTAINER	
PRIORITY NA				

DESIGN NUMBER	266729	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC	PRINTS PVT. LTD. A COMPANY REGISTERED OMPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT.	
DATE OF REGISTRATION	15/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA	·	
DESIGN NUMBER	267494	
CLASS	02-04	
PEERAGARHI, NEW DELHI-110 AN INDIAN NATIONAL OF T PROPRIETOR THEREOF SH. PRA	0087, (INDIA) HE ABOVE ADDRESS, WHO CLAIMS TO BE THE SANTA KUMAR DAS (HUF)	
DATE OF REGISTRATION	18/11/2014	
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	266976	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO HAVING ITS REGISTERED OF A-26, CENTRAL PARK, GIDC	PRINTS PVT. LTD. A COMPANY OVISION OF COMPANIES ACT, 1956 FICE AT PANDESARA, SURAT-394221 GUJARAT.	22.000 GK
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		267000	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT- 394221 GUIARAT.		RINTS PVT. LTD. A THE PROVISION OF IS REGISTERED NDESARA, SURAT-	
DATE OF REGISTRATION		29/10/2014	All Martin
TITLE	TE	XTILE FABRIC	NO STOC
PRIORITY NA			
DESIGN NUMBER			266494
CLASS			05-05
1) SIDDHI VINAYAH A COMPANY REGIST HAVING ITS REGISTE SURAT-394221 GUJAR	X KNOTS & P ERED UNDER RED OFFICE . AT.	RINTS PVT. LTD. THE PROVISION OF AT A-26, CENTRAL P	COMPANIES ACT, 1956 ARK, GIDC, PANDESARA,
DATE OF REGISTRA	ΓΙΟΝ	09	/10/2014
TITLE		TEXT	ILE FABRIC
PRIORITY NA			
DESIGN NUMBER		266518	
CLASS		05-05	No. of the second s
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.		RINTS PVT. LTD. THE PROVISION ITS REGISTERED GIDC, PANDESARA,	A gar a print
DATE OF REGISTRATION	0	9/10/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			

DESIGN NUMBER			263937		
CLASS			08-08		
1)(1). BANKIMBHAI VEI PARIKH (3) VINESHBHAI KISHORBHAI DEPANI., A CREATION., AN INDIAN I PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP 360004 GUIARAT-INDIA	JIBHAI N RATILA LL INDIA PARTNER	MANVAR, (2) ALPE L DADHANIYA (4). AN NATIONAL PAR RSHIP FIRM., HAVI AL SCHOOL, KALAW	SHBHAI I MITKUM TNERS O NG ITS P /AD ROA]	HASMUKHBHAI IAR DF M/S. BARRY RINCIPLE D, RAJKOT-	7
DATE OF REGISTRATION	J I	0	9/07/2014		
TITLE	,	CURTA	AIN BRAC	CKET	
PRIORITY NA					
DESIGN NUMBER		264692			
CLASS		06-13		1200200	
(NATIONALITY-INDIAN) IT IS INDIAN PROPRIETO 119, VIVEK VIHAR, OPI ASHRAM SCHOOL, JAIPUI INDIAN DATE OF	PROPRI DRSHIP F P. DANIK R-15 (RAJ.	IOR OF M/S. AASF IRM AT- BHASKAR, NEAR V ASTHAN) NATIONA	IDYA LITY-		
REGISTRATION		12/08/2014			
TITLE		QUILT		1. 私業	and the second second
PRIORITY NA					
DESIGN NUMBER			260237		
CLASS			21-03		
1)FABBRI GROUP CONS VIA DELL' ARTIGIANA NATIONALITY	S ORZIO, TO, 198, 4	OF THE ADDRESS: 45030 CALTO (RO), I	TALY, W	ITH ITALIAN	6040 <u>-</u> 20670)
DATE OF REGISTRATION	N	1	0/02/2014		- AD
TITLE		MERR	Y-GO-RO	UND	4
PRIORITY PRIORITY NUMBER 002290072-0003		DATE 12/08/2013	COU OHI	JNTRY M	

DESIGN NUMBER		266979				
CLASS		05-05				
1)SIDDHI VINAYAK KNO UNDER THE PROVISION C REGISTERED OFFICE AT A-26, CENTRAL PARK, G	TS & P DF COM HDC, PA	RINTS PVT. LTD. A COMPANY IPANIES ACT, 1956 HAVING IT ANDESARA, SURAT-394221 GU	Y REGIST I S JARAT.	ERED		
DATE OF REGISTRATION		29/10/2014			8	
TITLE		TEXTILE FABR	IC		8	***** **
PRIORITY NA						
DESIGN NUMBER		266497				
CLASS		05-05				
1)M/S. SIDDHI VINAYAK A COMPANY REGISTERED 1956 HAVING ITS REGISTER PANDESARA, SURAT-39422	KNOTS UNDER RED OF 1 GUJA	S & PRINTS PVT. LTD. THE PROVISION OF COMPANY FICE AT A-26, CENTRAL PARK RAT.	IES ACT, , GIDC,		Kar ios	
DATE OF REGISTRATION		09/10/2014				
PRIORITY NA						
DESIGN NUMBER		266521				
CLASS		05-05		Ř	A March 198	A M
1) M/S. SIDDHI VINAYAK A COMPANY REGISTERED COMPANIES ACT, 1956 HAV 26, CENTRAL PARK, GIDC, 1 GUJARAT.	KNOTS UNDER /ING IT PANDE:	S & PRINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT A- SARA, SURAT-394221				
DATE OF REGISTRATION		09/10/2014				sile
TITLE		TEXTILE FABRIC				A Jac
PRIORITY NA				100-1 -1		

DESIGN NUMBER		266982		
CLASS		05-05	1	
1)SIDDHI VINAYAK KNO UNDER THE PROVISION REGISTERED OFFICE AT A-26, CENTRAL PARK,	OTS & PF OF COM GIDC, PA	XINTS PVT. LTD. A COMPAN PANIES ACT, 1956 HAVING NDESARA, SURAT-394221 GI	VY REGISTERED ITS UJARAT	
DATE OF REGISTRATION	N	29/10/2014		A Carlos
TITLE		TEXTILE FAB	RIC	
PRIORITY NA				1
DESIGN NUMBER		267030		·
CLASS		05-05		
1)SIDDHI VINAYAK KNO COMPANY REGISTERED COMPANIES ACT, 1956 H. AT A-26, CENTRAL PARK, GUJARAT.	OTS & PH UNDER ' AVING I GIDC, PA	UNTS PVT. LTD. A THE PROVISION OF IS REGISTERED OFFICE NDESARA, SURAT-394221		
DATE OF REGISTRATION	TE OF GISTRATION			ě l
TITLE		TEXTILE FABRIC		
PRIORITY NA				S STATE
DESIGN NUMBER		266500		
CLASS	T	05-05		
1) SIDDHI VINAYAK KN A COMPANY REGISTEREI COMPANIES ACT, 1956 HA 26, CENTRAL PARK, GIDC, GUJARAT.	D UNDER VING ITS PANDES	RINTS PVT. LTD. THE PROVISION OF S REGISTERED OFFICE AT A- SARA, SURAT-394221		
DATE OF REGISTRATION		09/10/2014	- Change	
TITLE		TEXTILE FABRIC	Mar- William	
PRIORITY NA				

DESIGN NUMBER	266524			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS A COMPANY REGISTERED UN ACT, 1956 HAVING ITS REGIST GIDC, PANDESARA, SURAT-39	& PRINTS PVT. LTD. DER THE PROVISION OF ERED OFFICE AT A-26, C 4221 GUJARAT.	COMPANIES ENTRAL PARK,		
DATE OF REGISTRATION	09/10/201	4		
TITLE	TEXTILE FA	BRIC		
PRIORITY NA				
DESIGN NUMBER		264589		
CLASS		08-07		
1)RAMESHBHAI NANJIBHA SOLE PROPRIETOR OF GOLI CONCERN) HAVING PLACE (2, PATELNAGAR, BHOJABH	I CHOVATIYA (ADULT A DEN INDIA (INDIAN PRO DF BUSINESS AT- LAGAT STREET, RAJKOT-	ND INDIAN NAT PRIETORSHIP 360 002-GUJARA	Γ ΙΟΝΑL) Γ-(INDIA)	
DATE OF REGISTRATION	08	8/08/2014		
TITLE	TOWER I	BOLT SECTION		
PRIORITY NA				
DESIGN NUMBER		264721		
CLASS		13-02		
1)MICROSOFT MOBILE OY, LAWS OF FINLAND OF THE A KEILARANTA 7, 02150 ESPO	A CORPORATION ORG DDRESS O, FINLAND	ANIZED UNDER	THE	\bigcirc
DATE OF REGISTRATION	12	2/08/2014		1. A A A A A A A A A A A A A A A A A A A
TITLE	PORTABLE CHAR	GER FOR ELECT DEVICE	RONIC	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/481914	12/02/2014	U.S.A.		

DESIGN NUMBER	265453	
CLASS	09-03	
1)SHYAM SUNDER GULATI TRA COSMETICS CO., HAVING ADDRE E-73, SHASTRI NAGAR, NEW DE	DING AS PROPRIETOR M/S SHAKTI (SS AT LHI-110052	
DATE OF REGISTRATION	05/09/2014	
TITLE	CONTAINER	A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER
PRIORITY NA		
DESIGN NUMBER	264387	
CLASS	06-10	
INDIAN NATIONAL PARTNERS OF PARTNERSHIP FIRM., HAVING IT SHRI HARI INDUSTRIAL MAIN F RAJKOT, GUJARAT-INDIA. DATE OF REGISTRATION	5 M/S. BARAK STEEL., AN INDIA S PRINCIPAL PLACE OF BUSINESS AT, ROAD, OPP. SATYAM MACHINE TOOLS, 30/07/2014	
TITLE	CURTAIN BLIND	
PRIORITY NA		
DESIGN NUMBER	264265	
CLASS	08-06	
1) TEJASBHAI MAVJIBHAI BHAN SOLE PROPRIETOR OF BAJRANG CONCERN) HAVING PLACE OF BU PATEL NAGAR, NR. BHOJABHAG GUJARAT-(INDIA)	IDERI (ADULT AND INDIAN NATIONAL) HARDWARE (INDIAN PROPRIETORSHIP JSINESS AT- GAT CHOWK, 50 FEET ROAD, RAJKOT-360002-	
DATE OF REGISTRATION	28/07/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER		266495		
CLASS				
1) SIDDHI VINAYAK KNOT A COMPANY REGISTERED U HAVING ITS REGISTERED OF SURAT-394221 GUJARAT.	T S & P UNDER FFICE	RINTS PVT. LTD. THE PROVISION OF COMPANIES A AT A-26, CENTRAL PARK, GIDC, PAN	CT, 1956 NDESARA,	
DATE OF REGISTRATION		09/10/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		266519		
CLASS		05-05		
A COMPANY REGISTERED U ACT, 1956 HAVING ITS REGIS PARK, GIDC, PANDESARA, SU DATE OF REGISTRATION	IS & P INDER STERE URAT-	RINTS PVT. LTD. THE PROVISION OF COMPANIES D OFFICE AT A-26, CENTRAL -394221 GUJARAT. 09/10/2014	6) 	······································
TITLE		TEXTILE FABRIC	1	S Contractor
PRIORITY NA	I			
DESIGN NUMBER		266977		
CLASS		05-05		
1)SIDDHI VINAYAK KNOT UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GII	S & PI COM DC, PA	RINTS PVT. LTD. A COMPANY REG PANIES ACT, 1956 HAVING ITS NDESARA, SURAT-394221 GUJARAT	ISTERED	
DATE OF REGISTRATION	ON 29/10/2014			
TITLE		TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBED	267001	
DESIGN NUMBER	207001	
CLASS	05-05	And the most
1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO HAVING ITS REGISTERED OFF A-26, CENTRAL PARK, GIDC,	PRINTS PVT. LTD. A COMPANY VISION OF COMPANIES ACT, 1956 ICE AT PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	29/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	264695	
CLASS	09-03	
BORIVALI (E), MUMBAI-66 DATE OF REGISTRATION	12/08/2014	, , ,,,,
DATE OF DECISTDATION	12/02/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	266697	
CLASS	09-01	
1)MR. SACHIN SACHDEV, MR ALL PARTNERS OF M/S NAYAS REGISTERED UNDER THE PAR PLOT NO. 225, 225, 227 AND 2 DISTRICT UNA-732141, HIMACH	S. MANASI SACHDEV AND MR. RAVI CI A MULTIPLAST A PARTNERSHIP CONO TNERSHIP ACT, 1932 HAVING ADDRES 28, VILLAGE VELA BATHRI, TAHASIL HA AL PRADESH	HAWLA CERN S AT ROLI,
DATE OF REGISTRATION	13/10/2014	
TITLE	WATER BOTTLE	
PRIORITY NA		

DESIGN NUMBER		268725	
CLASS		11-01	
1)BULGARI S.P.A., (A COMPANY LAWS OF ITALY) OF THE ADDRE LUNGOTEVERE MARZIO, 11, I-0	ORGANIZED AND I SS 0186 ROMA, ITALY	EXISTING UNDER THE	
DATE OF REGISTRATION	30	3/01/2015	
TITLE	NE	CKLACE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
825937701	11/07/2014	WIPO	
DESIGN NUMBER		266966	
CLASS		05-05	
UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA DATE OF REGISTRATION			
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		266991	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	RINTS PVT. LTD. A (PANIES ACT, 1956 H NDESARA, SURAT-3	C OMPANY REGISTERED I AVING ITS 194221 GUJARAT.	
DATE OF REGISTRATION	29	0/10/2014	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			

DESIGN NUMBER	266509	
CLASS	05-05	
1) SIDDHI VINAYAK K A COMPANY REGISTERI COMPANIES ACT, 1956 H A-26, CENTRAL PARK, G GUJARAT.	NOTS & PRINTS PVT. LTD. ED UNDER THE PROVISION OF AVING ITS REGISTERED OFFICE AT IDC, PANDESARA, SURAT-394221	
DATE OF	09/10/2014	No. of Concession, Name
REGISTRATION		States of the second second second second
TITLE	TEXTILE FABRIC	the second s
PRIORITY NA		
DESIGN NUMBER	266533	
CLASS	05-05	
1) SIDDHI VINAYAK K A COMPANY REGISTERE COMPANIES ACT, 1956 H A-26, CENTRAL PARK, G GUJARAT.	NOTS & PRINTS PVT. LTD ED UNDER THE PROVISION OF AVING ITS REGISTERED OFFICE AT IDC, PANDESARA, SURAT-394221	
DATE OF REGISTRATION	09/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	264020	
CLASS	15-06	
1) SANTONI S.P.A., VIA CARLO FENZI, 14 NATIONALITY: ITALY	, 25135 BRESCIA, ITALY,	
DATE OF REGISTRATION	14/07/2014	~
TITLE	MOBILE CAM DEVICE FOR A KNITTING MACHINE	
PRIORITY PRIORITY NUMBER BS2014O000002	DATE COUNTRY 15/01/2014 ITALY	

DESIGN NUMBER	265774			74	
CLASS	23-04				
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN					
DATE OF REGISTRATION	19/09/2014			2014	
TITLE		А	IR PUR	IFIER	
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
2014-007522		04/04/2014		JAPAN	AL .
DESIGN NUMBER			2648	88	
CLASS			14-0	03	
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M, REPUBLIC OF KOREA					
DATE OF REGISTRATION			20/08/2	2014	
TITLE	1	PORTABLE ELECTRONIC DEVICE FOR SMARTPHONE			
PRIORITY			(deferration)		
PRIORITY NUMBER	DAT	Έ	COUN	TRY	C CEREBERT
30-2014-0009039	22/02	2/2014	KORE	A(SOUTH)	
DESIGN NUMBER			2650	78	
CLASS			24-0)1	1
1) TELEFLEX LIFE SCIENCES., 3RD FLOOR PAR LA VILLE PLACE, 14 PAR LA VILLE ROAD, HAMILTON, HM 08, BERMUDA					D D
DATE OF REGISTRATION	25/08/2014			2014	
TITLE	LARYNGEAL MASK			AL MASK	
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
001408140		28/03/2014 OHIM			ŬĒ

DESIGN NUMBER	266728	
CLASS	05-05	
1)SIDDHI VINAYAK K COMPANY REGISTERH COMPANIES ACT, 1956 OFFICE AT A-26, CENTRAL PAR 394221 GUJARAT.	NOTS & PRINTS PVT. LTD. A ED UNDER THE PROVISION OF HAVING ITS REGISTERED K, GIDC, PANDESARA, SURAT-	
DATE OF REGISTRATION	15/10/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		