पेटेंट कार्यालय शासकीय जर्नल

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DATE: 18/09/2015

पेटंट 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

18TH SEPTEMBER, 2015

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THE PATENT OFFICE KOLKATA, 18/09/2015

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कोलकाता, दिनांक 18/09/2015

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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

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(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.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.2520/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA USING PLURALITY OF CARRIERS IN MOBILE COMMUNICATION SYSTEM

(51) International classification (31) Priority Document No :10-2014-0011761 (32) Priority Date :29/01/2014 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2015/000844 Filing Date :27/01/2015 (87) International Publication No :WO 2015/115772 (61) Patent of Addition to Application :NA

:NA

:NA

Number Filing Date (62) Divisional to Application Number :NA

:H04W24/00,H04J11/00 (71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :129 Samsung ro Yeongtong gu Suwon

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(72) Name of Inventor:

1)KIM Soeng Hun

2)VAN LIESHUOT Gert Jan

3) JEONG Kyeong In

(57) Abstract:

Filing Date

The present disclosure provides a communication method for a terminal in a dual connectivity (DC) based mobile communication system in which a master cell group (MCG) and at least one secondary cell group (SCG) are configured the method comprising the steps of: receiving measurement gap configuration information associated with a measurement gap used in a periodic measurement for at least one serving cell; determining a first subframe included in the measurement gap using the system frame number (SFN) of the MCG and the received measurement gap configuration information; and measuring the at least one serving cell during the period of at least one measurement gap subframe determined on the basis of the first subframe.

No. of Pages: 77 No. of Claims: 15

(22) Date of filing of Application :03/09/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention: MACHINES™ MONITORING, CONTROL AND PROTECTION SYSTEM (M2CPS)

(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 Sina Filing Date (83) Name of priority country Sina Sina Sina Sina Sina Sina Sina Sina	Maharachtra India
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(57) Abstract:

In the present invention, an extremely simplified user friendly system titled as MachinesTM Monitoring, Control and Protection System (M2CPS) • has been developed. The invented binary system introduces an exclusive novelty in monitoring, fault detection, protection and control domain, which is not yet reported before. Ten different parameters owing to various faults in the machines can be monitored with the help of M2CPS. These parameters are the output of various sensors which may be installed internal or external to the machines. The nature of the signals from sensors can be AC or DC. Design of simple electronic circuitry with the help of logic gates, time delays, latches, multi-vibrators, OP-AMPs, toggle switches etc. has added a unique novelty to this invention. The system is designed considering both inverted and non-inverted mode of operation for the data received by sensors. The fault acknowledgement facility for abnormalities detected in online mode for multiple machines is available. This M2CPS distinguishes between transients and faults conditions. The main advantage of this system is that it can be applied to any rating and type of static or dynamic machines. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic view of the developed system, Figure 2 of sheet 1 showing functional block diagram of M2CPS and Figure 3 of sheet 2 showing model Control strategy used in M2CPS.

No. of Pages: 39 No. of Claims: 9

(22) Date of filing of Application :03/09/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : ADVANCED SYSTEM TO LOCATE AUTOMOBILE ACCIDENT PRONE ZONES AND SHOW IT ON SOFTWARE APPLICATION OR MAP

	C00C1/01	(71)November of April Program
(51) International classification	:G08G1/01, G08G 1/00	(71)Name of Applicant : 1)PROF. SHITALKUMAR ADHAR RAWANDALE
(31) Priority Document No	:NA	Address of Applicant :PIMPRI CHINCHWAD COLLEGE OF
(32) Priority Date	:NA	ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE-
(33) Name of priority country	:NA	411044, MAHARASHTRA STATE, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. SHITALKUMAR ADHAR RAWANDALE
(87) 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 for knowing the spots or locations on the road where accidents of automobiles have happened in the past, the said system uses a combination of GPS/Mobile device/ electronic device, camera, data storage system and application software to show accident prone spots or locations on software application or map. The user can also contribute the data if he comes across any accident on the road. The said systems GPS device will be used to get the exact position of accident spot or location, The said electronic device or camera will capture the image or video of vehicle, injured people and location, The said mobile device and said software application will be used to send image or video, location details and other information like no. of people died/injured, vehicle damaged in the accident etc. to send it to remote data storage or server, The said data storage device can also use the data about accidents happened in the past on various locations, The said mobile device/electronic device and application software will be used to show the accident prone zone or location and other information like no. of people died/injured on that location, images or videos of accident location, vehicles, people injured etc. on map as per the data on the said storage device or server.

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

(22) Date of filing of Application :01/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PREDICTING HEART DISEASE RISK FACTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61B5/0205, G09B23/28 :NA :NA :NA	(71)Name of Applicant: 1)Sneha Ashok Nagarkar Address of Applicant: SNEHANKIT, S NO 125,SWAMI VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON, PUNE-411033 Maharashtra India 2)Mrs. Seema Kedar
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)Dr. D. S. Bormane
(61) Patent of Addition to Application Number	:NA :NA	2)Mrs. Seema Kedar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

System and method for predicting heart disease risk factors based on handwriting analysis is disclosed. The writing features such as horizontal lines, vertical lines, left slant, right slant, total length of horizontal baselines, total length of vertical baselines, total number of left slant lines, total number of right slant lines, size, pen pressure etc are used to predict the presence of heart disease risk factors and the type of the heart disease risk factors. The system is easy to use, cost effective and user friendly. The recognition rate is also good.

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

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: VARIABLE STEERING MECHANISM FOR PURE ROLLING

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	B62D 21/00 :NA :NA :NA	(71)Name of Applicant: 1)Kevadiya Nikunjkumar Himmatbhai Address of Applicant:B-403, Tulsi Residency, Ved-Gurukul Road, Katargam, Surat, 395004, Gujarat Gujarat India 2)Rakholia Meet Vittalbhai 3)Koladia Dipalkumar Rameshbhai
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number ——————————————————————————————————	:NA :NA : NA :NA	 (72)Name of Inventor: 1)Koladia Dipalkumar Rameshbhai 2)Rakholia Meet Vittalbhai 3)Kevadiya Nikunjkumar Himmatbhai
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Variable steering mechanism for pure rolling is controlled by either continuous variable tie-rod length or continuous variable rack travel. Wherein for continuous variable tie-rod length this mechanism is having mechanical as well as electrical components for controlled variable length of tie-rod. Advantage with mechanism is that, for different steering geometry parameters, values in code and basic length of tie-rod will require to modify and for continuous variable rack travel, this mechanism is having only mechanical components for controlled travel of the rack . For different steering geometry parameters, cam profile will be changed.

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

(21) Application No.3328/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND SYSTEM FOR SOWING AND FERTILIZING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1:C05F3/00, C05G1/00, A01C21/00 :NA :NA :NA	(71)Name of Applicant: 1)Jagani Mansukh Ambabhai Address of Applicant: At-Mota Devaliya, Taluka: Babara, Dist: Amreli, Gujarat 365410, India Gujarat India
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor : 1)Jagani Mansukh Ambabhai
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional to ApplicationNumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

Disclosed is agricultural machinery. More particularly, it provides a portable sowing and fertilizer application assembly that can be used for both sowing and as a fertilizer application device according to the requirement. The present invention also provides a method of operation of the said sowing and fertilizer application assembly.

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

(22) Date of filing of Application :25/09/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING OF ALUMINIUM ALLOY CHEESE TUBE, CHEESE PIPE OR BOBBIN FOR WOVEN SACK

(51) International classification	:H05B3/36, B32B27/00, B32B1/02, B32B37	(71)Name of Applicant: 1)Siddhi Engineers Address of Applicant: Siddhi House • 6, Virkunj Society, Near Vidyanagar School, Usmanpura, Ahmedabad 380014
(31) Priority Document No	:NA	Gujarat, India. Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Patel Bhagwat Ramanbhai
(86) International Application No	:NA	2)Gandhi Prashant Ramniklal
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for manufacturing of aluminium alloy cheese tube/ cheese pipe or bobbin for woven sack. The present invention provides light weight, strong and accurate product made from specific aluminium alloys (i.e. 6082 or 6061) duly cold drawn and heat treated to achieve very high strength to weight ratio. The primary billets of aluminium alloys are subjected to a porthole extrusion process sequentially it is subjected to cold drawn for reducing the cross sectional area of the tube. After cold drawn, tubes are further solution treated by special quenching of fog or water. Solution treated porthole extruded aluminium alloy tube can also be used as feed stock. After successive cold drawing, the tubes are straightened on the straightening machine to relieve stress and subsequently the age hardening is carried out to achieve desired tensile strength and percentage elongation in the product.

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

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: EDIBLE OIL SAVER 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 (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) Divisional to Application Number (81) Patent of Addition to Application Number (82) Divisional to Application Number (83) Priority Document No (84) International Application Number (85) International Publication Number (86) Patent of Addition to Application Number (87) Priority Document No (88) International Application Number (89) International Application Number (80) Priority Document No (81) Priority Document No (81) Priority Document No (82) International Application No (87) International Publication No (88) International Application No (89) International Publication No (80) International Publication No (81) Priority Document No (82) International Application No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) International Publication No (81) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) International Publication No (80) International Publication No (81) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication	1 DHITESH M RHATT
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(57) Abstract:

This invention relates to a novel a Edible Oil Saver Composition for use as a source of energy / Calorie Booster for Vegetable / Edible oils. For less consumptions of edible oils in frying and other usages. This product Fry Excellency Edible Oil Saver Composition saves oil consumption in frying, control the smokes while frying, Saves oil in evaporation & control the Jumping loss, help in to maintaining temperature level /keeps clean and refined the oil while frying and improve the black whole and increase the cycle of oils for longer time. Less absorbance of oil in products, by 20 % to 30 % . Gives More better performance to products and also helps in increase shelf life, thereby decreasing consumption of fuel by 20 % and the Suggested Dosages : - 50 ml in mix in 30 -50 ltrs / Kg. of various Vegetable / Edible oils.

No. of Pages: 22 No. of Claims: 3

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: AGRICULTURAL INSECT PEST CONTROL USING ELECTROMAGNETIC ENERGY

(51) International classification	25/00, A01N	(71)Name of Applicant: 1)SANDEEP V. GAIKWAD Address of Applicant:GANGADHAM-II, F3/606, BIBWEWADI-KONDHAWA ROAD, BIBWEWADI, PUNE-
(31) Priority Document No	:NA	411037, MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	2)DR. ARUN N. GAIKWAD
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SANDEEP V. GAIKWAD
Filing Date	:NA	2)DR. ARUN N. GAIKWAD
(87) 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:

Systems and methods for controlling agricultural insect pest using electromagnetic energy are described. The described system implements method that comprises measuring dielectric values of a crop and an insect pest which is likely to attack the crop. The method further includes determining values of parameters from a group of parameters consisting of a distance between parallel plate capacitors, a size of each of the parallel plate capacitors, an electric field strength for dielectric heating and time required for dielectric heating of the crop. The method also includes exposing the crop to an electromagnetic field generated by a Radio Frequency (RF) or Microwave Frequency applied to a pair of parallel plate capacitors.

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

(21) Application No.2933/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ISOLATOR HANDLING

 (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 	G03B21/43, G03B1/54 :NA :NA :NA :NA	Address of Applicant :A-747, NEAR PAVAN BUS STOP, MIDC-PAWANE, TTC INDUSTRIAL AREA, KOPARKHAIRANE, NAVI MUMBAI 400 705, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)GUPTA, ARVIND KUMAR
(87) International Publication No	: NA	2)KATRE, NIKHIL RAMCHANDRA
(61) Patent of Addition to Application Number	:NA	3)DR. PAUL, PAYYAPILLY GEORGE
Filing Date	:NA	4)DR. PATWARDHAN, MAHESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

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

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A CYLINDERICAL TYPE VERTICAL CONTINUOUS SEED DRYER

(51) International classification (31) Priority Document No (32) Priority Date	27/02 :NA :NA	(71)Name of Applicant: 1)SHAH RAKESH PRAMODBHAI Address of Applicant:101, COPPER STONE-B TOWER, SADHUVASVANI ROAD, RAJKOT-360005, GUJARAT,
(33) Name of priority country(86) International Application NoFiling Date	:NA :NA :NA	INDIA. Gujarat India 2)VARIA NILESH PRAFULCHANDRA 3)VARIA DEVANG PRAFULCHANDRA
(87) International Publication No (61) Patent of Addition to Application Number	: NA : NA	(72)Name of Inventor: 1)SHAH RAKESH PRAMODBHAI
Filing Date (62) Divisional to Application Number	:NA :NA	2)VARIA NILESH PRAFULCHANDRA 3)VARIA DEVANG PRAFULCHANDRA
Filing Date	:NA	

(57) Abstract:

This invention relates to CYLINDERICAL TYPE VERTICAL CONTINUOUS SI.KD DRYER seed dryer which is useful in smaller and larger segment of the oil mill other grain industries and cottonseed related industries. The process is continuous and uninterrupted at a comparatively low investment cost compared to the other online dryers, for small segments of the industry and industries having limited period drying requirement in the season and especially for existing units with small areas for expansion. This invention suggests certain improvements over the past installations for general seed drying to eliminate manual handling and to obtain uniform drying. The cased screw conveyor provided over the apparatus supplies the seed in to the apparatus at center point with provision of excess material to be redirected back to supply point for recycling. Improvements have been done in the apparatus by provision of heating and cooling zone for better results. Particular improvements have been done to use it especially for cottonseed. Improvements have been done especially for cottonseed considering the fuzzy, heterogeneous properties and poor conductivity. The air quantity supply derivations, heat requirements, and retention time are derived for the cottonseed considering its typical nature for the desired output for industrial application.

No. of Pages: 13 No. of Claims: 18

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR EXHAUST GAS EMISSIONS CONTROL OF AN INTERNAL COMBUSTION (I C) ENGINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D 53/94 :NA :NA :NA	(71)Name of Applicant: 1)MR. POWAR SANTOSH VISHWANATH Address of Applicant: R.S.NO.864, PLOT NO.7, AVISHKAR RESIDENCY, BUDHYALKAR NAGAR, KOLHAPUR-416000 Maharashtra India
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA : NA	2)MR. KOLEKAR AJIT BHANUDAS (72)Name of Inventor: 1)MR. POWAR SANTOSH VISHWANATH
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	2)MR. KOLEKAR AJIT BHANUDAS

(57) Abstract:

Exhaust Gas coming from Exhaust Manifold to Exhaust Gas Burning Cooling and Filtering (EGBCF), in order to reduce the Emission of NOx, which is particularly very harmful. Engine without EGBCF are more pollutant. Implementation of EGBCF system in engine, burning, cooling and filtering exhaust gas takes place. The aim of this work is to review the potential of EGBCF to reduce the exhaust emissions, particularly NOx emissions, and to delimit the application range of this technique. In this study a simple low-cost exhaust gas EGBCF was developed and tested on an I.C. engine. Emission of oxide of nitrogen (NOx) was very much reduced by implementation of EGBCF system. Emission of carbon mono-oxide (CO) and hydro carbon (HC) was also reduced; carbon dioxide (CO2) increases by implementing EGBCF system with engine than that of operating engine without EGBCF system, with no increase in the fuel consumption rate. The system is very much eco friendly and emissions are controlled. This method is very reliable in terms of reduce of exhaust Emission.

No. of Pages: 14 No. of Claims: 10

(22) Date of filing of Application :04/09/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : INSECTICIDAL INCENSE FORMULATION COMPOSITION, METHOD OF MANUFACTURE AND APPLICATIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	9/00, A01N 25/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)SHOGUN ORGANICS LIMITED Address of Applicant: A-106 Kotia Nirman, New Link Road, Andheri (West), Mumbai 400 058, Maharashtra, India. Maharashtra India (72)Name of Inventor: 1)RAMASWAMY, Kalyanaraman 2)KALYANARAMAN, Amit Ramaswamy 3)HANDE, Mangesh Vasudeo
Filing Date (87) International Publication No	:NA : NA	3)HANDE, Mangesh Vasudeo 4)GHARGE, Yuvraj Hanamant
(61) Patent of Addition to Application Number	:NA	1,0111102, 1 u 1 u j 1 u 1 u u i u i u i u i u i u i u i u i
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein are insecticidal incense compositions, preparations containing Renofluthrin as insecticide active ingredient and applications thereof. Particularly, the invention relates to effective compositions of Renofluthrin comprising of Renofluthrin and/or its diluted forms in incense of various shapes and types, which exhibit significant mosquito / insect control activity.

No. of Pages: 19 No. of Claims: 12

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A COAL COOKING STOVE COMPRISING THE BATTERY AND LED LIGHT.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F24B 1/00 :NA :NA :NA	(71)Name of Applicant: 1)KIRAN IRANNA SIPRE Address of Applicant: Mr. Kiran Iranna Sipre At - B, 95, Kunchikorve Nagar, Sant Kabir Marg, 60 ft road, Dharavi, Mumbai 400017 Maharashtra. Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)KIRAN IRANNA SIPRE
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cooking Coal stove with solar support and LED provides As the burning of the coal progresses upwardly through the coal, the ash will fallen down side and it can be removed from the movable plate. The bowler will provide the Red-hot as required by the cook. The speed controller controls the heat generation and provides the heat as required. The bowler runs through the 6 VoltTMs battery which can be charged through the solar plate and electricity. A led light is provided run through the battery for the purpose of the light at the time of the cooking

No. of Pages: 24 No. of Claims: 7

(21) Application No.3447/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :08/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SPIRAL BEVEL GEAR PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01D 11/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TRIVEDI ABHIJIT Address of Applicant: PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE 411044, MAHARASHTRA STATE. Maharashtra India 2)ANNADATE PRAVIN VISHWAIN (72)Name of Inventor:
(87) International Publication No	: NA	1)TRIVEDI ABHIJIT
(61) Patent of Addition to Application Number	:NA	2)ANNADATE PRAVIN VISHWAIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system which is a modified version of the conventional hydraulic pump, specifically external gear pump. The conventional external gear pump comprises of spur gears which are changed to a set of bevel helical gears (3 gears). The driving gears (pinion) is mounted on the shaft which is coupled to an electric motor of 45HP (33kW). The working fluid is introduced in the system from the inlet port which is sucked in by the rotating gears. The fluid is then pressurized by the compression between the gear tooth and the casing. Then this pressurized fluid is transferred to another gear with the help of a transfer port. In this gear the pressure of the fluid is increased by the same compression action between gear tooth and casing. Then finally after pressurizing from this gear the fluid is discharged out through the discharge port. The entire assembly would be of 140-150mm in length, 35-50mm in width and 140-150mm in height. The main objective of this invention is to improve the overall efficiency of an external gear pump by reducing the vibration loss, friction loss, heat loss and other losses. The system can be used anywhere where there is requirement of highly pressurized fluid. This system works same as that of the conventional external gear pump, but is compact in size and of higher efficiency than that of the conventional system.

No. of Pages: 17 No. of Claims: 7

(21) Application No.874/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BULL POWERED ELECTRICITY GENERATION MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	F03G5/08 :NA :NA :NA	(71)Name of Applicant: 1)Amol Kharate Address of Applicant: AT/PO-CHICHONDI B TAL- YEOLA DIST-NASHIK STATE - MAHARASHTRA PIN- 423401 Maharashtra India (72)Nome of Inventor:
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor: 1)Amol Kharate 2)Amol Kharate
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

Bull powered electricity generation machine is the innovative way to generate electricity from available bull power source and this is capable of generating 24 hr. electricity and on 100% capacity factor. The process will allow forming cluster of power plant throughout the rural area contributing several multi megawatts to countries account, serving environment interest and boost the local economy.

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

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : ECOLOGICAL SANITATION APPROACH IN A CONSTRUCTED WETLAND USING ANGULAR HORIZONTAL SUBSURFACE FLOW AND ANGULAR HORIZONTAL SUBSURFACE ZIGZAG FLOW PILOT PLANT NOVEL MODELS

(51) International classification(31) Priority Document No(32) Priority Date	11/12 :NA :NA	(71)Name of Applicant: 1)PROF. (DR). SATISH S. PATIL Address of Applicant: DEPARTMENT OF ENVIRONMENTAL SCIENCE, DR. B.A.M. UNIVERSITY,
(33) Name of priority country (86) International Application No	:NA :NA :NA	AURANGABAD Maharashtra India 2)VINAYAK POPAT DHULAP (72)Nome of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA	(72)Name of Inventor: 1)PROF. (DR). SATISH S. PATIL 2)VINAYAK POPAT DHULAP
Filing Date (62) Divisional to Application Number	:NA :NA	2) VII VII III DINCENI
Filing Date	:NA	

(57) Abstract:

In one of the important aspect of the invention it is provided that a method for phytoremediation of waste water is provided, the macrophytes used for the purpose of the phytoremediation includes Typha latifolia, Cana indica, Phragmites karka, Colocasia esculenta, Pennisetum purpureium, Panicum maximum, Eichhornia crassipes which is grown in the flow bed; the flow bed is constructed according to fig.l having the layers of pebble, gravel and soil on the top on which the macrophytes is grown, the water flow through the inlet is regulated on the flow bed in angular or zigzag manner provided an appropriate time to residence so that the impurities present in the water is absorbed/ adsorbed on the flow bed, further to provide flow of water the flow be is provided predetermined angle to maintain the flow of waste water, the impurities present in untreated water and the treated water is determined in conventional manner;

No. of Pages: 35 No. of Claims: 10

12) TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MULTIPLEX LATCH

(51) International classification	17/00, E05B	(71)Name of Applicant: 1)SHANKAR YASHWANT PADVAL Address of Applicant: R.S.NO.862, A WARD, SURVEY NAGAR, TALUKA KARVIR, DISTRICT KOLHAPUR-416007
(31) Priority Document No	:NA I	Maharashtra India
(32) Priority Date	:NA ((72)Name of Inventor :
(33) Name of priority country	:NA	1)SHANKAR YASHWANT PADVAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3238/MUM/2015 A

(57) Abstract:

(19) INDIA

The present invention relates to door with Aledrop Bolt only. Existing all type of lock only use with stoper & one direction. This is a multi functional device (latch) which can use with four way in door locking i.e. one part used four way in door lock system. All India a door locking system no one can invent this type Latch & concept. This is the first Invention to lock door with Aledrop Bolt. It can be attached or removed whenever need arises. This is only one part which upper portion is 3 cm width pipe, which inner diameter is 18 mm & outer dia. is 24 mm (i.e. 3mm thickness) it hold the door with Aledrop Bolt & the lower part is 3 mm thick 2 plates 2 cm width & 9 cm long catch the Aledrop Bolts Plate & then locked. Between 2 plates open space 4mm to 5mm (i.e. the thickness of Aledrop Bolts) this part total weight in st. steel is approx. 150 gm torn 200 gm (as per taken thickness). This is the one multi function device (latch) which can be used 4 way (7 purspose & 7 Benefits) to door for locking Aledrop Bolt with plate. The multiplex latch can be attached or removed whenever need arises.

No. of Pages: 5 No. of Claims: 1

(21) Application No.3472/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :10/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PLASTIC RETAINER (CAGE) FOR FULL COMPLIMENT OR MAXIMUM NUMBER OF ROLLING ELEMENT (STEEL BALL) CONDITION.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:E21B 19/22 :NA :NA :NA	(71)Name of Applicant: 1)Mudra Engineers Address of Applicant: Plot No. 2713, 4th Phase, GIDC, Wadhwan, Dist. Surendranagar, Gujarat, India Gujarat India (72)Name of Inventor: 1)Vinod R. Rathod
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	1) v mod iki kutalou

(57) Abstract:

The present invention consists with mold in two parts wherein the first portion of cage where steel balls put which holds the steel balls and the second portion which is used to retain steel ball and prevent them to coming or falling out from first part. The first and second parts are joint either with ultrasonic welding or with adhesive or by self locking system. Then equally space is provided among rolling elements are provided on both the molding cage.

No. of Pages: 19 No. of Claims: 5

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ENERGY METER FOR ELECTRICITY METERING AND MONITORING AND METHOD THEREOF

	G01P	
	:G01R	(71)Name of Applicant :
(51) International classification	21/00,	1)DR. SANTOSH DEVAPPA DALVI
	G07F15/06	Address of Applicant :Flat No-301, Sun Paradise, Plot No-
(31) Priority Document No	:NA	246, Sector 28, Vashi, Navi Mumbai 400703, Maharashtra, India
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	2)DR. ASHOK VISHWASRAO BHONSALE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SANTOSH DEVAPPA DALVI
(87) International Publication No	: NA	2)DR. ASHOK VISHWASRAO BHONSALE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An energy meter for electricity metering and monitoring is provided. The energy meter includes a voltage transformer 6 connected in parallel to an AC power supply 4 to provide step down voltage to a microcontroller unit 2, a current sensor 8 connected in series to the AC power supply 4 to detect current flowing through a load 10. The sensor 8 inputs voltage and the detected current to the microcontroller unit 2. The microcontroller unit 2 on receiving input from the sensor 8 calculates energy consumption of the load 10 and carbon footprint. The energy meter further includes a display unit 22 for displaying energy information, wherein the energy information includes data on the calculated energy consumption; and a keypad 18 to input type of electricity connection and name of the electricity distribution company to obtain data on energy consumption. FIG 1

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

(21) Application No.3220/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: NOVEL BOARD GAMES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	A63F9/18 :NA :NA :NA	(71)Name of Applicant: 1)JAFFERALI KASAMALI RATTONSEY Address of Applicant:FLAT NO. 82/B, 8TH FLOOR, STEESHA APARTMENT, MOUNT MARY ROAD, BANDRA (WEST), MUMBAI-400 050, MAHARASHTRA, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JAFFERALI KASAMALI RATTONSEY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel games board (1) is provided with eight pockets (2), four base lines (3) and a novel central design (4) to facilitate unique coin placements. The board is adapted to play indoor games of Cricket, Rainbow, Pairs, Race to 16, Collect maximum point, Poker and Snooker with the help of pre-determined arrangement and combination of a plurality of coloured coins sets and a striker. A mechanism of playing these indoor games are also discussed. A board with varieties of shapes i.e. rectangular, circular, squeeze and triangle, hexagonal, octagonal and the like.

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

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SCAFFOLDS OF UMBILICAL CORD FOR TISSUE ENGINEERING AND PREPARATION METHOD THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12N 15/85 :NA :NA :NA	(71)Name of Applicant: 1)D.Y.PATIL UNIVERSITY, KOLHAPUR Address of Applicant:869, E, D.Y. PATIL VIDYANAGAR, KASABA BAWADA, KOLHAPUR-416006, MAHARASHTRA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. H. PAWAR
(87) International Publication No	: NA	2)DR. MS. SNEHA KHUMBAR
(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 preparation method of chitosan-aiginate scaffolds incorporated with mesenchymal stem cells.. The chitosan-alginate scaffolds are prepared by freeze-drying.method. The mesenchymal stem cells are isolated from human umbilical cord tissue which is discarded at birth. The human umbilical cord-derived MSCs (hU-MSCs) have shown faster proliferation rates and great therapeutic potential in various biomedical applications.

No. of Pages: 18 No. of Claims: 6

(21) Application No.3248/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PLANT NUTRIENT COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date	1/00 :NA :NA	(71)Name of Applicant: 1)RASHTRIYA CHEMICALS AND FERTILIZERS LIMITED Address of Applicant: PRIYADARSHANI EASTERN
(33) Name of priority country	:NA	EXPRESS HIGHWAY SION-MUMBAI, 400 022 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. ARCHANA PRASAD KALE
(61) Patent of Addition to Application Number	:NA	2)DR. SATYAVIKAS N GAWADE
Filing Date	:NA	3)MR. VASANT S. NANDEKAR
(62) Divisional to Application Number	:NA	4)MR. ABIR BANERJEE
Filing Date	:NA	

(57) Abstract:

In one of the important aspect of the invention it is provided that a plant nutritional composition prepared from the gypsum, vermicompost and nutrients for increasing the yield in the production by using an effective ratio of the gypsum, vermicompost and nutrients, in the preferred mode of the invention the gypsum used for the plant nutritional composition includes the phosphogypsum which is formed as the byproduct during the manufacture of the phosphoric acid; the phosphogypsum as the main constituent provides a role of the soil supplement for maintaining the fertility of the soil, and vermicompost acts as the nutritional constituent along with the micronutrients;

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

(22) Date of filing of Application :04/09/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: STEEL SHEET PLATED WITH ALUMINUM CONTAINING ZINC AND PROCESS FOR PRODUCING SAME

(51) International :C23C28/00,C22C18/04,C22C21/10 classification

(31) Priority Document No :2013-040120 (32) Priority Date :28/02/2013 (33) Name of priority country: Japan

(86) International Application :PCT/JP2014/001067 No :27/02/2014

Filing Date

(87) International Publication :WO 2014/132653

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

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Address of Applicant: 156 Nihombashi homchou Chuou ku

Tokyo 1030023 Japan

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION

3)NIHON PARKERIZING CO. LTD.

(72) Name of Inventor:

1)SHIRAGAKI Nobuki

2)SUGITANI Tomokazu

3)OYOKAWA Hirovuki

4)YONETANI Satoru

5)KANAI Hiroshi

6)SHIMODA Nobuvuki

7)OURA Ichiro

8)KIKUCHI Hitoshi

(57) Abstract:

This steel sheet plated with aluminum containing zinc comprises a plated steel sheet and a coating film with which the plated steel sheet is coated. The coating film comprises: a basic compound of a transition metal which is neither cobalt nor chromium; and either cobalt metal or both cobalt metal and a cobalt compound. The amount of the coating film deposited on each surface is 0.01 0.8 g/m. The deposition amount in mass of the transition metals excluding cobalt in the coating film per surface of the plated steel sheet is 4 400 mg/m. The deposition amount in mass of the cobalt in the coating film per surface of the plated steel sheet is 0.1 20 mg/m.

No. of Pages: 57 No. of Claims: 14

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MOUNTING STAND FOR SOLAR PANELS MADE OF COMPOSITE POLYMER

	·E241.2/00	(71)Name of Applicant
(51) International classification	E04D13/18	(71)Name of Applicant : 1)ADHIKARI UDAY KASHINATH
(31) Priority Document No	:NA	Address of Applicant :125, 1ST FLOOR, AMAR
(32) Priority Date	:NA	INDUSTRIAL ESTATE, ANDHERI-KURLA ROAD,
(33) Name of priority country	:NA	SAKINAKA, ANDHERI (E), MUMBAI-400 072,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ADHIKARI UDAY KASHINATH
(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 mounting system for solar panels made of composite polymer which is light in weight, is sturdy and so can bear the weight of the photovoltaic Panels, doesnt corrode in the presence of moisture and can sustain harsh weather conditions. As it is made of composite polymer, it is non-conductive and does not absorb the heat thereby increasing the efficiency of the system. This mounting system is made of composite polymer can effectively replace the conventionally used mounting stands made of steel which have the above mentioned drawbacks.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISPLAYING THE DISTANCE BETWEEN THE VIEWER AND THE TELEVISION.

(51) International classification	·C01817/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Ashish Chandak
(32) Priority Date	:NA	Address of Applicant :C 602, Oasis, Thite Awasti, Kharadi,
(33) Name of priority country	:NA	Pune, Maharastra Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Ashish Chandak
(87) 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:

ABSTRACT There is a problem that we do not get to know the distance between the viewer and the television, while viewing the television. A distance calculating sensor in the remote control of television which will calculate the distance between television and the remote would solve this problem. Also, there can be eye detection sensor in the television which can show the distance of the eyes. The calculated distance can either be displayed in remote or on television. This would help the viewer to adjust to the optimum distance from television as recommended by the doctors (decreasing the strain on eyes) and the Television manufacturer. With distance, viewing angle can also be calculated and displayed so that the recommended viewing distance can be more precise. There can also be a feature added to television, where an electric motor is fitted at the back of the television which helps the television to move in horizontal direction. This feature would make the television auto adjustable as per the viewing angle of the viewer.

No. of Pages: 1 No. of Claims: 9

(21) Application No.3490/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROTARY CAM SWITCH WITH COUPLED CAMS

(51) International classification(31) Priority Document No(32) Priority Date	:B30B 11/08 :NA :NA	(71)Name of Applicant: 1)Larsen & Toubro Limited Address of Applicant: L & T House, Ballard Estate, P.O. Box
(33) Name of priority country		No. 278, Mumbai 400 001, Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)GAUR, Shakti Singh 2)POTHANA, Santhosh
(61) Patent of Addition to Application Number	:903/MUM/2015	
Filed on	:01/01/1900	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of present disclosure relate to a rotary cam switch carrying multiple contact points in a single stage. In an embodiment, the disclosed switch comprises a rotary mechanism and a contact system wherein both rotary mechanism and the contact system are cam based and the two cams are linked by a stopper pin passing through an arc shaped slot 502. The arc shaped slot 502 and the stopper pin together restrain rotary motion of the switch beyond ON and OFF positions. The disclosed configuration reduces number of components with corresponding reduction in tooling cost and assembly time; bringing overall economy in production of the rotary switch.

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

(22) Date of filing of Application :21/07/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM & METHOD TO CONTROL ATMOSPHERIC TEMPERATURE

 (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 	15/00 :NA :NA :NA	(71)Name of Applicant: 1)MR. UTTAMRAO HANUMANTRAO JADHAV Address of Applicant:VILLAGE-SULTANGADE, TALUKA-KHANAPUR, DISTRICT-SANGLI, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)MR. UTTAMRAO HANUMANTRAO JADHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an atmospheric temperature control system and method there for, comprising of air blower machines installed at high altitude place or floated in the sky at a predetermined height wherein air blower machines blow, pump cold and clean air from atmosphere around at such high altitude, towards earth surface at a low altitude to reduce, control temperature at lowermost part of troposphere above places of human habitat, water bodies or agricultural cultivations; thereby reducing effect of extreme hot. climate to protect humans, animals, water bodies and vegetation from damages thereby. Also an atmospheric temperature control system end. method there for comprising of air blower machines, solar panels, reservoir installed at a place or floated in the sky at a predetermined height where m air blower machine pumps, blows air in the atmosphere around into the reservoir provided for storage of air; solar panels generate and transmit heat to the air stored in reservoir; another air blower machine blows, pumps hot air out of reservoir; she hot air is earned through ducting to desired places to increase.. control temperature at. lowermost part of troposphere above places of human habitat and cultivation; and thereby reducing unwanted effects of extreme cold climate so as to protect humans, animals and vegetation from damages thereby.

No. of Pages: 20 No. of Claims: 13

(21) Application No.3283/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN APPROACH OF RE-CYCLIC ENERGY FOR VEHICLE BY USING BREAK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F01P 3/02 :NA :NA :NA	(71)Name of Applicant: 1)MR. VAIBHAV EKNATH SURVE Address of Applicant: POST-WASARI, TALUKA-MALEGAON, DISTT-WASHIM PIN-444505, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)MR. VAIBHAV EKNATH SURVE
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure relates to Re-cyclic the energy that loss in breaking of the vehicles. The main concept of this invention is to utilize the losses of energy in break system of vehicle and improve the overall mileage of vehicles without any effect on the vehicle motion and break assembly. This technology is very valuable and advanced in automatic industry. In embodiment of the invention as per the construction of projects.

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

(21) Application No.3722/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :20/07/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM FOR ENABLING VERIFICATION OF CREDENTIALS OF CANDIDATES

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PADMANABHA Anantha
(32) Priority Date	:NA	Address of Applicant :#30, Indira Nilaya, 7th Cross,
(33) Name of priority country	:NA	S.P.Extension, Malleswaram, Bangalore 560003, India Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PADMANABHA Anantha
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for enabling verification of credentials of candidates is provided. The system (100) includes a user database (102) and a logic controller (104). The user database (102) includes unique identification code of the candidates. The logic controller (104) links an examination code, if assigned to one or more of the candidates, to their respective unique identification code. Reference figure: FIG. 1

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :08/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: EXTRA TYRE FRICTION TO PREVENT SLIPPAGE ON WET ROADS

(51) International classification(31) Priority Document No(32) Priority Date	:B60C :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.X.Charles
(87) International Publication No	: NA	2)Dr. J.Hameed Hussain
(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 the method of providing extra friction to a tyre to prevent aquaplaning on roads. When a switch is activated, this results in projection of extra tread (buttons) to prevent slippage of the tyres in wet road conditions.

No. of Pages: 6 No. of Claims: 2

(21) Application No.2862/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : DOOR FRAME HEATING USING LED WASTE HEAT FOR COLD STORAGE APPLIANCES OR ROOMS

(51) International classification (31) Priority Document No (32) Priority Date (23) No. 100 Priority Date (23) No. 100 Priority Date (24) No. 100 Priority Date (25) No. 100 Priority Date (26) No. 100 Priority Date (27) No. 100 Priority Date (28) No. 100 Priority D	:NA :NA	(71)Name of Applicant: 1)ASHISH GUPTA Address of Applicant: 406, ASHOKA LAKEVIEW APTS,
(33) Name of priority country(86) International Application No	:NA :NA	KUNDANBAGH,BEGUMPET, HYDERABAD Telangana India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)ASHISH GUPTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention can be incorporated into all domestic, commercial and industrial refrigerated spaces, which are stationary or in movable or transport vehicles. Fig. 1 shows a schematic of an exemplary application. The brand display light-guide-plate (102) on the front face, is illuminated by light emitting diodes (101) mounted on the top edge of a top door freezer. Alternatively, one or more faces, which may or may not be a door of the space is/ are edge-illuminated by LED strips. In all cases, the thermally highly-conductive backing strip (103) of the LEDs is now extended (104) to all the remaining edges of the door frame. As a result of this waste heat, frosting of the door seals is either entirely or partially prevented, eliminating or reducing the need for other door frame heating elements and their control systems, and energy is saved on a well-illuminated brand or product display unit.

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

(21) Application No.4671/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING USER INFORMATION AND ASSISTING ONLINE SERVICES

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S P VIGHNESHWAR
(32) Priority Date	:NA	Address of Applicant :H.No:8-7-127, Gowri Nagar, Old
(33) Name of priority country	:NA	Bowenpally, Secunderabad, Telangana State, India-500011.
(86) International Application No	:NA	Telangana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S P VIGHNESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a method and system for user information management and assisting online services. The method comprising the steps of collecting the user information to provide an electronic space for storing in a predetermined database, deciding the services requirement based on the collected information and separating the user information into a plurality of categories, assisting a respective service provider based on the requirements of the user for providing required service to the user.

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

(21) Application No.1892/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: NOX REDUCING ADDITIVE COMPOSITION FOR ANNONA BIODIESEL

(51) International classification	:C10L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. R. SENTHIL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, UNIVERSITY COLLEGE OF ENGINEERING
(86) International Application No	:NA	VILLUPURAM, KAKUPPAM, VILLUPURAM-605 103 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)MR. R. SILAMBARASAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. R. SENTHIL
(62) Divisional to Application Number	:NA	2)MR. R. SILAMBARASAN
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

That the P-phenylenediamine as an additive for Annona Squamosa oil biodiesel produced by Transesterfication or pyrolysis processes.

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

(21) Application No.1893/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: JAMUN METHYL ESTER NEW ALTERNATIVE FUEL FOR DIESEL ENGINE

(51) International classification (31) Priority Document No	:C10L :NA	(71)Name of Applicant: 1)DR. R. SENTHIL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, UNIVERSITY COLLEGE OF ENGINEERING
(86) International Application No	:NA	VILLUPURAM, KAKUPPAM, VILLUPURAM-605 103 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)MR. R. SILAMBARASAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. R. SENTHIL
(62) Divisional to Application Number	:NA	2)MR. R. SILAMBARASAN
Filing Date	:NA	

(57) Abstract:

Jamun oil biodiesel is an alternative fuel formulated exclusively for diesel engines; its made from jamun seed.

No. of Pages: 27 No. of Claims: 6

(21) Application No.4026/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ENTERAL FEEDING TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA	(71)Name of Applicant: 1)Yalaka Rami Reddy Address of Applicant: C/o Sree Reddy Bhaskar Reddy, H. No. 8-2-293/82/W/82, Road No. 7, Womens Cooperative Society, Jubilee Hills, Hyderabad-500023, Telangana, India. Telangana India
(87) International Publication No(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	: NA :NA :NA :NA	(72)Name of Inventor : 1)Yalaka Rami Reddy
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards an enteric feeding tube 100 that comprises of a proximal feeding portion 101a, a middle portion 101b and a distal dispensing portion 101c. The proximal feeding portion 101a is thinner in diameter than the rest of the body 101 of the enteric feeding tube 100 and a detachable overtube 102 encloses the proximal feeding portion 101a. After positioning the enteric feeding tube 100, the overtube 102 is separated and removed from the proximal feeding portion 101a. The presence of a thinner proximal feeding portion 101a in the nasobuccal region makes it more comfortable for the patients than conventional feeding tubes.

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

(22) Date of filing of Application :01/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : ORGANO-MODIFIED CLAY MINERALS BY SOLID STATE IN-SITU INTERLAYER COMPLEXATION OF 1,10-PHENONTHROLINE WITH FE-MONTMORILLONITE

(51) International classification	:B01J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYAPPA MANJANNA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	RANI CHANNAMMA UNIVERSITY, BELAGAVI - 591 156,
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JAYAPPA MANJANNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A facile solid-state reaction between Fe-montmorillonite (Mt) and 1,10-phenonthroline (L) was carried out by in-situ complexation of Fe11 or Fem ions in the interlayers of smectite clay, mineral. Thus the solid [Fe11-!]2 or [FeIU-L3]3+ formed at the basal spacing led to dooi 18 A, . which is independent of relative humidity. In the case of Fen-Mt, the reaction occurred at room temperature whereas for Fem-Mt, the mixture must be heated to «200 °C. The formation of these organic-inorganic hybrid materials are confirmed from XRD, FTIR, TG/DTA, XRF and DR UV- Vis techniques. For the first time, an unusual self-ordered stacking of smetite layers was observed here i.e., dooi to doos- More interesting, such an ordering was intact up to 350 °C and 250 °C in Fe-L-Mt and Fem-L-Mt, respectively. These materials are expected to be very. 1 useful catalysts in organic reactions, adsorbents for toxic elements from aqueous and non- aqueous solvents, etc.

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : A MANUFACTURING PROCESS AND METHOD BY USING ALL TYPES OF WASTE PLASTICS IMPREGNATED BITUMINOUS MIX FOR ROAD CONSTRUCTION

(51) International classification(31) Priority Document No(32) Priority Date	:C08L :NA :NA	(71)Name of Applicant: 1)G.VENKATASUBRAMANIYAN Address of Applicant: NO.1, THIRUVALLUVAR NAGAR,
(33) Name of priority country	:NA	SALEM CAMP, METTUR DAM - 636 456, SALEM DT., Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)G.VENKATASUBRAMANIYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

LDPE, PP, PS, FPP, PVC, PET are the disposed different type of plastic polymers collected from the solid waste has become a mega cumbersome for segregation and recognized to be a major environmental constrain in our country. Moreover plastics and rubbers are troublesome components for land filling and non bio degradable product. By this new genesis of invention about 15% of the above said all types of waste plastics are shredded, fine powdered and added to the VG30 or VG10 Bitumen of its weight recommended for the road engineering. As a process the above said all types of plastics are shredded, fine powdered, sieved and heated to 200-220°C in a specially designed digestor in-builted with a high speed 5000 RPM propeller is agitated for one hour and further 5% of special binder grade tar pitch is added and again running the agitator for 30 minutes at the same temperature. Further to this 3% of combined form of polymerized, Pongamia Glabra - species oil and pyrolysised rubber oil as a catalyst cum stabilizer is added and then one MT of pre¬heated VG 30 or VG 10 grade Bitumen will be pumped to the digestor and the agitation will be continued for further one hour, for availing excellent Bitumen and waste plastic compatibility and homogeneity, end in a mutant form of Matrix Impregnated Waste plastic Bitumen for high performance and new generation Road Construction Engineering.

No. of Pages: 9 No. of Claims: 8

(21) Application No.4744/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :08/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: THERMOELECTRIC SOCKET IN CAR

(51) International classification :F01N (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai 600 073 Tamil Nadu India (72)Name of Inventor: 1)Dr.Naveen Chandran 2)Golden Ranjith Nimal
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(57) Abstract:

This invention proposes the production of electricity using the heat in the catalytic converter. As there is high temperature inside the catalytic converter exhaust system, this heat can be used beneficially.

No. of Pages: 6 No. of Claims: 2

(21) Application No.232/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/01/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR FLAGGING POTENTIAL FRAUDULENT ACTIVITIES IN AN ORGANIZATION

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GUHA RAMASUBRAMANIAN
(87) International Publication No	: NA	2)SHREYA MANJUNATH
(61) Patent of Addition to Application Number	:NA	3)SIDDHARTH MAHESH
Filing Date	:NA	4)RAGHURAMAN RANGANATHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An organizational fraud detection (OFD) system and method for flagging one or more transactions as a potential fraudulent activity, in an organization is disclosed. The OFD system comprises: a processor; and a memory communicatively coupled to the processor, wherein the memory stores processor-executable instructions, which, on execution, cause the processor to: receive a suspected transaction for investigation, classify the suspected transaction into one or more groups of fraudulent activity; select, based on the classification, a set of investigation rules for investigating the suspected transaction; determine, based on data selection rules, the data associated with the suspected transaction; ascertain an accuracy score and an impact score associated with the suspected transaction; and classify the suspected transaction as a potential fraudulent activity on at least one of the accuracy score and the impact score exceeding a pre-defined threshold.

No. of Pages: 27 No. of Claims: 15

(21) Application No.4202/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A MEDICINAL HERBAL COMPOSITION FOR DENTAL HEALTH

(51) I	A C11/2C/00	(71)N
(51) International classification	:A01K30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHRI.SONY M.GEORGE
(32) Priority Date	:NA	Address of Applicant :THE HOUSE, KK ROAD, VAZHOOR
(33) Name of priority country	:NA	EAST P.O, KOTTAYAM-KUMALI ROAD, KOTTAYAM
(86) International Application No	:NA	DISTRICT, PIN -686 504, Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHRI.SONY M.GEORGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An herbal composition for dental health and relieves tooth aches and dental erosion or decay made from extract of leaves of hibiscus plant and holy basil, crushed tobacco and areca nut and coconut oil.

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

(21) Application No.4030/CHE/2014 A

(19) INDIA

(22) Date of filing of Application: 18/08/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: AN ENDOSCOPIC DRUG APPLICATOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)Yalaka Rami Reddy Address of Applicant: C/o Sree Reddy Bhaskar Reddy, H. No. 8-2-293/82/W/82, Road No. 7, Women™s Cooperative Society,
(86) International Application No Filing Date	:NA :NA	Jubilee Hills, Hyderabad-500023, Telangana, India. Telangana India
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	(72)Name of Inventor : 1)Yalaka Rami Reddy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards an endoscopic drug applicator 100 for a controlled and sustained release of a drug 114 at a target site. The endoscopic drug applicator 100 comprises of a body 102 that is longitudinal, tubular, flexible and a capping device 104. The body 102 comprises of a first channel 106 and a second channel 108 conjoined with each other at one side throughout their length except at a proximal end of the body 102, wherein the first channel 106 has a first lumen110 that is designed to receive and dispense a drug 114 and the second channel 108 comprises of a second lumen 112 that is designed to receive a guide wire 116. The distal end of the body 102 comprises of at least one of an eyelet 118 configured to dispense the drug 114. The capping device 104 is configured to have a secure fit with the body 102 at the distal end, wherein the capping device 104 comprises of an absorbent material 120 that is biocompatible and configured to absorb the drug 114 that is dispensed through the eyelet 118 and to subsequently release the drug 114 in a controlled manner at a target site.

No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :05/06/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: LOW-FROST LED LIGHT GUIDE DISPLAY DOOR FOR COLD STORAGE APPLIANCE OR ROOM

(51) To a state of the state of	East	(71)NI CA II
(51) International classification	:F25D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHISH GUPTA
(32) Priority Date	:NA	Address of Applicant :406, ASHOKA LAKEVIEW APTS,
(33) Name of priority country	:NA	KUNDANBAGH,BEGUMPET, HYDERABAD Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASHISH GUPTA
(87) 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 can be incorporated into all domestic, commercial and industrial refrigerated spaces with display doors, which are stationary or in movable or transport vehicles. Fig. 4 shows a schematic of an exemplary application of the new LED-illuminated plates which form one or more display door(s) of the refrigerated space. The display plate (302) is comprised partially or wholly of a light guide plate and is illuminated by light emitting diodes (301) mounted on one or more edges. The LEDs are mounted in an enclosure (303) that directs their light as well as waste heat into the display plate. As a result of this heat, frosting of the door seals and of the display plate is either entirely or partially prevented. The need for door frame heating or anti-sweat heating wires or strips and their control systems is thus eliminated or reduced. Overall energy is thus saved on a well-illuminated display door unit.

No. of Pages: 12 No. of Claims: 2

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MULTI-STAND FOR IMMERSION HEATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F24H :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MUNAGA SIVA PRASANTH Address of Applicant: D.NO:18-10-5, RAMACHANDRA RAO PETA, RAJAHMUNDRY - 533 103, Andhra Pradesh India (72)Name of Inventor: 1)MUNAGA SIVA PRASANTH
Filing Date	:NA	
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(57) Abstract:

In the present technology so many people using immersion heaters due to warming the water for drinking, bathing etc. At the same time the people feel very difficult to use the immersion heater because due to sometimes plastic container will melting and sometimes it producing electric shock also and sometimes the heater is large size and the container is small size on that time we didnt use immersion heater, for warming water because the heater coil touches the container and somebody uses take one wooden stick placed in the top diameter of the container later the immersion heater is attached to that wooden stick. Soon that time definitely the heater is dipped into water. Initially the immersion heater have one stand but it is very dangerous to hold the container due to above causes. But in this utility model to solve their technical problems and some technical solutions is adapted and it aims to provide different advantages. It discloses a multi-stand for holding the immersion heater without coil touches the container. It is used for multi purposes what we need. It has various advantages to increase or decrease the length of the stand due to varying the diameter of the container. It is easy to slide top to bottom due to increase or decrease the height of the container. It has a varying immersion heater hanger due to what we the place to decide. Finally it has more advantageous and it is very useful to all the people who are using the immersion heaters and it is a remedy to solve the above problems.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ADDITIVE COMPOSITION FOR BIODIESEL TO REDUCE EMISSION IN DIESEL ENGINE

(51) International classification	:C10L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. R. SENTHIL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, UNIVERSITY COLLEGE OF ENGINEERING
(86) International Application No	:NA	VILLUPURAM, KAKUPPAM, VILLUPURAM-605103 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)MR. G. MOHAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. R. SENTHIL
(62) Divisional to Application Number	:NA	2)MR. G. MOHAN
Filing Date	:NA	

(57) Abstract:

The present investigation relates to the composition of additives for the biodiesel application which will suppress the smoke and improve the combustion properties of the biodiesel. The additive will also have an impact on the oxidation stability of the biofuel and its blend with biodiesel. The leaf extract contains Carotenoid Chlorophyll compounds in varying proportion in accordance to the source from which the additive is extracted it also contains fatty acid and protein in a smaller proportion suspended in alcohol.

No. of Pages: 13 No. of Claims: 7

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING AGRICULTURAL LOAN RELATED FINANCIAL ACTIVITIES

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Vsoft Technologies Private Limited
(32) Priority Date	:NA	Address of Applicant :MY HOME HUB, BLOCK-I, 4TH
(33) Name of priority country	:NA	FLOOR, HYDERABAD-500081, TELANGANA, INDIA.
(86) International Application No	:NA	Telangana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAKETHU RAMA RAO MUDDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards aconvenient and hassle free method for managing agricultural financial services with great ease of use to the farmer; the method includes creating a loan account to a farmer with multiple lines of credit, wherein the loan account is connected to a Kisan card and setting a withdrawal limit; wherein the withdrawal limit is for managing the transaction flow of withdrawal through a switch connected to the loan account, with the payments routed through a savings bank or other similar account in a bank. The method further continues by limiting the withdrawal money based on different stages of agriculture and withdrawing money by the farmer from an automated teller machine (ATM) or a point of sale (POS) through the Kisan card based on the preset withdrawal limit. The method facilitates multiple withdrawals and repayments as per the farmerTMs needs and surpluses on his several lines of Credit.

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A SMART CARD BASED PRE-PAID ELECTRICITY SYSTEM

(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 (88) Divisional to Application Number Filing Date (89) International Publication No Filing Date (80) International Publication No Filing Date (80) International Publication No Filing Date (81) International Publication No Filing Date Filing Date (82) Divisional to Application Number Filing Date F	 (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 	:NA :NA :NA :NA :NA :NA :NA	Address of Applicant :#42, AVADI-VELTECH ROAD, AVADI, CHENNAI - 600 062 Tamil Nadu India (72)Name of Inventor: 1)DINESH K.P 2)MOHANRAJA.V.R.
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(57) Abstract:

Abstract of the invention: Over the past few years, smart cards have achieved a growing acceptance as a powerful tool for security, identification, and authorization. Financial card issuers are moving to replace magnetic stripe cards with chip cards to reduce counterfeiting and fraud. The increasing computational power placed on the chip along with advances in cryptography has made the smart card a very powerful tool for identification. The advent of multi-application smart card operating systems for both contact and contact less applications has put smart cards on the edge of information technology. This paper features a smart card secure solution for a novel prepaid electricity system. The proposed system uses a microcontroller in addition to a power meter, providing efficient online control of the amount of electricity consumed by the user. The user will be notified if his credit balance goes below certain threshold.

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

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TELECOM TOWER INSPECTION USING UNMANNED AERIAL VEHICLES

(51) International classification :G01 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)VELTECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY (VELTECH DR RR & DR SR TECHNICAL UNIVERSITY) Address of Applicant:#42, AVADI-VELTECH ROAD, CHENNAI - 62 Tamil Nadu India (72)Name of Inventor: 1)DR. E. BALASUBRAMANIAN 2)MR. S. RUSHENDAR BABU 3)MR. SUNIL KUMAR MAURYA 4)MR. ANMOL SHUKLA 5)MR. NITHIN FRANCIS JACOB
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(57) Abstract:

The visual inspection of Tele-Communication (TC) tower members tower connections, antennas, antenna mountings, corrosion and erosion of structural components, missing of bolt and nuts, must be carried out periodically to avoid major problems. The conventional manual inspection is tedious because one has to climb the overhead structures and the risk of human life is a major problem. The human piloted helicopter system is expensive and prone to accidents. The proposed Multi-rotor Unmanned Aerial Vehicle (MUAV) system will overcome these difficulties which can inspect the telecom tower with an aid HD and IR cameras. In addition, measurement of Electromagnetic radiation at afferent altitude and latitude levels is achieved through an Electrosmog meter embedded in the MUAV system. The corrosion and erosion of tower members are inspected with an aid of specific instruments and also image processing techniques. The on-board microcontroller with IMU and GPS module would stabilize the vehicle for Hovering.

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

(21) Application No.4678/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SUPER INNER CLEANING METHOD FOR WATER CAN

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai 600 073 Tamil Nadu India
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA : NA	(72)Name of Inventor : 1)Dr.X.Charles
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)Dr.J.Hameed Hussain

(57) Abstract:

This invention relates to the field of equipment for cleaning a can. Water cans are being used ubiquitously by people to satisfy their requirements for buying safe drinking water. The invention proposes the use of brushes mounted on a shaft to clean the cans automatically.

No. of Pages: 6 No. of Claims: 2

(22) Date of filing of Application :21/11/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DESIGN MODIFICATION AND PERFORMANCE IMPROVEMENT IN AXIAL PISTON PUMP

(51) International classification(31) Priority Document No(32) Priority Date	:F04B :NA :NA	(71)Name of Applicant: 1)K. SUNDAR Address of Applicant:NO.97, SAKTHI AMMAN KOIL
(33) Name of priority country	:NA	STREET, AYYANPETTAI, KANCHIPURAM - 631 601 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K. SUNDAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An axial piston pump having design modified swash plate 1 and valve plate 10, 18 with improved performance. Specifically, the present invention contains wave shaped swash plate 1 with concave 2 and convex 4 shapes on its surface for wobble movement of piston 5a, b to produce at least two suction and two discharge activities with reduced suction and discharge time gap. Particularly, the present invention contains modified four port valve plate 10 containing at least two inlet ports and at least two outlet ports with and without partitions secured below the port flange 8 to reduce vibration and to increase the quantity of respective fluid suction and discharge per revolution of the piston 5a. The modified swash plate 1 and valve plate 10,18 produce high flow of respective fluid than the conventional axial piston pump.

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

(21) Application No.4028/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN IMPROVED FEEDING TUBE FOR PATIENTS WITH GASTROINTESTINAL OBSTRUCTION

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)Yalaka Rami Reddy Address of Applicant: C/o Sree Reddy Bhaskar Reddy, H. No.
(33) Name of priority country (86) International Application No	:NA :NA	8-2-293/82/W/82, Road No. 7, Womens Cooperative Society, Jubilee Hills, Hyderabad-500023, Telangana, India. Telangana
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Yalaka Rami Reddy
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards an improved enteric feeding tube 100 that allows patients with absolute dysphagia and blocks in the gastrointestinal tract 126 to taste and swallow fluid diet 124. The middle portion 106 of such a feeding tube 100 comprises of a plurality of eyelets 112 in the feeding tube 100, a plurality of receptacle members 110 encircling the tube where the plurality of eyelets 112 are present and a mesh 114 extending from the tube 100 towards the receptacle members 110. When there is an intake of fluid diet 124, the receptacle members 110 transiently hold the fluid diet 124 and facilitates their entry into the feeding tube 100 through the eyelets 112 present in the feeding tube 100.

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

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: POWER LINE INSPECTION ROBOT

 (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 	:H02G1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)VELTECH DRR&SR TECHNICAL UNIVERSITY Address of Applicant:#42, AVADI-VELTECH ROAD, AVADI, CHENNAI - 600 062 Tamil Nadu India (72)Name of Inventor: 1)DR. E. BALASUBRAMANIAN 2)R. VASANTHARAJ 3)DR. S. RAVINDRAN 4)D. DHIVAKAR ANAND 5)D. BABOO 6)S. RUSHENDAR BABU 7)R.S. PRAVEEN KUMAR 8)N. PRAVEEN KUMAR 9)GUNARAVIKANTH 10)S. SATHIYA NARAYANAN 11)P. ARUN BALAJI
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(57) Abstract:

No. of Pages: 8 No. of Claims: 5

^{7.} Abstract of the invention: Power line inspection and maintenance in overhead high voltage lines is difficult because humans cannot enter the vicinity of high voltage. Power transmission line inspection is used to check the cable breakage, find damage of insulators, hot spots on the transmission line and tightening and loosening of the bolts. Manually inspecting the cable is tedious because one has to climb and walk through the overhead cables. The mode of working will have many disadvantages such as long inspection cycle, high working intensity, huge expenses and high danger. Inspection through helicopters is efficient mode performing it compare to manual operation but it is more expensive. One common approach to line-walking robot for fulfil power transmission line inspection task uses a conventional rail wheeled vehicle with the addition of a device that can overcome obstacles on the line. Generally, robots with wheeled system and obstacle avoiding device are relatively heavy and the construction and operation of such mechanisms are more difficult. The structures of the mechanisms in the robot developed so far are intricate and they should avoid obstacles which complicate the system. In order to overcome these difficulties, a Hexa rotor equipped with camera is developed in this project. The Live Power Line Inspection Robot (LPLIR) rolls over the transmission power line by means of rubber coated rollers. The pan and tilt camera are mounted on the prototype and videos can be transmitted through wireless to the ground control station. The system is completely insulated to avoid the electromagnetic interference. The developed system can reach different altitude levels, avoid obstacles and transmit close and clear view of conductor/earth wire accessories.

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.10916/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: DISPLAY CONTROL METHOD DEVICE AND SYSTEM

(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	201210195875.2 14/06/2012 China PCT/CN2013/077098 09/06/2013	(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: 1)LIU Haipeng
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(57) Abstract:

Disclosed are a display control method device and system which belong to the technical field of Flash playing. The method comprises: receiving an event notification message sent by a terminal; obtaining a Flash object for achieving the event; operating a calculation object in the obtained Flash object to obtain playing data for achieving the event; sending the playing data to the terminal so that the terminal updates a currently played Flash according to the playing data; and playing the playing data. After receiving an event notification message a server obtains and operates a calculation object of a Flash object for achieving an event and sends to a terminal the playing data obtained through operation to conduct playing thereby avoiding the network resource waste caused by downloading all Flash objects to the terminal completely and saving the user's precious network traffic.

No. of Pages: 43 No. of Claims: 24

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TYPESETTING METHOD DEVICE AND SYSTEM

(51) International classification (31) Priority Document No	:G06F17/25 :201210179042.7	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:01/06/2012	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2013/076589	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:31/05/2013	China
(87) International Publication No	:WO 2013/178093	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)LIU Yongxia 2)DOU Weiyu
Filing Date	:NA	3)LIU Xuebin
(62) Divisional to Application Number	:NA	4)ZHANG Kaixiang
Filing Date	:NA	

(57) Abstract:

Disclosed are a typesetting method device and system which belong to the typesetting field. The method includes: receiving unique identification information a to be typeset content and screen information which are uploaded by a mobile terminal; searching for typesetting protocol data corresponding to the mobile terminal according to the unique identification information; and typesetting the to be typeset content according to the screen information and the typesetting protocol data and feeding back the typeset content to the mobile terminal. By completing a typesetting process via a server and then issuing a typeset text area to a mobile terminal the present invention solves the problems of a relatively low typesetting speed or poor typesetting effect of the mobile terminal caused by the poor typesetting capability provided by the mobile terminal and achieves the effect that the mobile terminal can rapidly and accurately complete the typesetting process by means of the server and can still rapidly and accurately display related characters to a user even if a to be typeset character pack contains complicated multi language characters.

No. of Pages: 43 No. of Claims: 17

(21) Application No.10918/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PRODUCT STACKING DEVICE

(51) International classification	:B65B23/14,B65G47/08	(71)Name of Applicant:
(31) Priority Document No	:10 2012 212 825.5	1)ROBERT BOSCH GMBH
(32) Priority Date	:20/07/2012	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/064965	(72)Name of Inventor:
Filing Date	:16/07/2013	1)WIPF Alfred
(87) International Publication No	:WO 2014/012913	2)BLANZ Peter
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a product stacking device for forming product Stacks (12 a-k) of product groups (14 a-k) consisting of products (16 a-k), which lie flatly and/or are brought into a shingled product arrangement (64 a-k), during a transportation movement (28 a-k). The product stacking device comprises at least two stop means (18 a-k) with Stack contact surfaces (20 a-k), which are provided in order to form the product Stack (12 a-k). A merging unit (22 a-k) is provided for forming at 0 least one product Stack (12 a-k) by reducing a spacing (24 a-k) between Stack contact surfaces (20 a-k) of at least two stop means (18 a-k), said Stack contact surfaces lying opposite one another in a product group direction (26 a-k).

No. of Pages: 33 No. of Claims: 14

(21) Application No.10919/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ELECTRONIC CAMERA IMAGE DISPLAY DEVICE AND IMAGE DISPLAY PROGRAM

(51) International :H04N5/232,G06F3/0488,G06T5/00 classification

(31) Priority Document No :2012116258 (32) Priority Date :22/05/2012

(33) Name of priority country: Japan

(86) International Application: PCT/JP2013/003253

:22/05/2013 Filing Date

(87) International Publication :WO 2013/175784

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

(71)Name of Applicant: 1)NIKON CORPORATION

Address of Applicant :12 1Yurakucho 1 chome Chiyoda ku

Tokyo 1008331 Japan (72) Name of Inventor: 1)MIYAKAWA Yoshiaki 2)FUJIO Shigenori

(57) Abstract:

With the present invention an electronic camera comprises a display means further comprising an image display region for displaying an image a console means for movably designating a prescribed region of the image display region and a filter means for carrying out a filter process on an image corresponding to the prescribed region which is movably designated with the console means. Thus it is possible without carrying out a complex filter operation to easily carry out an operation which overlays a plurality of filter effects or compare an image with and without a filter effect or with different filter effects.

No. of Pages: 52 No. of Claims: 17

(21) Application No.10922/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SIMPLIFIED REPRESENTATION OF GEOGRAPHIC ADDRESSES

 (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 	:G06F17/00 :61/505527 :07/07/2011 :U.S.A. :PCT/US2012/045868 :07/07/2012 :WO 2013/006847 :NA :NA	(71)Name of Applicant: 1)SOM Anup Address of Applicant: Anup Som 12111 Woodside Drive Saratoga California 95070 U.S.A. (72)Name of Inventor: 1)SOM Anup
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Computerized methods and system of shortening representations of geographical coordinates (Latitude Longitude) by replacing the leading significant latitude and longitude digits in a given locality with an optional and often user friendly context hint. The locality context can be indicated either explicitly by human factors appropriate name or implicitly by the center of map or current location of the client computerized device. The invention also discloses a reverse method to recover these eliminated digits by using the approximate center of locality and proximity to provide the missing context information.

No. of Pages: 53 No. of Claims: 19

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: INTEGRATED CIRCUIT PACKAGE HAVING OFFSET VIAS

(51) International classification (31) Priority Document No :13/532126 (32) Priority Date :25/06/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/047634

Filing Date :25/06/2013 :WO 2014/004520

(87) International Publication No (61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number: NA

Filing Date :NA

:H01L23/528,H01L21/768 (71)Name of Applicant :

1)ADVANCED MICRO DEVICES INC.

Address of Applicant :One Amd Place Sunnyvale CA 94088

U.S.A.

2)SU, Michael, Zhuoying

3)KUECHENMEISTER, Frank

(72)Name of Inventor: 1)SU Michael Zhuoying

2)LEI Fu

3)KUECHENMEISTER Frank

4)NA

(57) Abstract:

Integrated circuit packages comprise vias each of which extends from a pad in communication with an integrated circuit on a semiconductor chip through insulating material overlying the semiconductor chip to an attachment surface facing a substrate. The portion of each via proximate the attachment surface is laterally offset from the portion proximate the pad from which it extends in a direction away from the centre of the semiconductor chip. Metallic material received in the vias mechanically and electrically interconnects the semiconductor chip to the substrate.

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

(21) Application No.10924/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : USE OF A CREAM THAT PROTECTS AGAINST THE EFFECTS OF AGGRESSIVE CHEMICAL AGENTS IN CONTACT WITH THE SKEST

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:A61K47/18,A61K9/1
:12 56939
:18/07/2012
:France
:PCT/FR2013/051717
:17/07/2013

(87) International Publication No :WO 2014/013194

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

:A61K47/18,A61K9/107 | (71)**Name of Applicant :**

1)PREVOR INTERNATIONAL

Address of Applicant :243 Rue de Vaugirard Paris 75015

France

(72)Name of Inventor:1)BLOMET Jo«l2)MATHIEU Laurence3)MEYER Marie Claude

(57) Abstract:

The prsent invention relates to he use of an emulsion for protecting the skin against aggressive chemical agents, wherein this emulsion comprises at least one amphoteric chelafing agent which comprises a complex based on aluminium and on ethylenediaminetetraacefic acid or the trisodium sait thereof, having the ganerai formula [Al (Y) B ž] CD with B being OH, Bq 2 or H+, Y being a ttracarboxylate which can be protonated four times to form ethylenediaminetetraacetic acid, n being an integer equal to 0, 1, 2 or 3, D being a counterion, preferably Na+, c being an integer equal to 0, 1, 2 or 3 and c being a relative number having the same absolute value as c.

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

(21) Application No.10925/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR PRODUCING ALKOXY HYDROXYBENZALDEHYDE THAT IS SUBSTANTIALLY FREE OF ALKYL ALKOXY HYDROXYBENZALDEHYDE

(51) International :C07C41/42,C07C43/23,C07C41/09 classification

(31) Priority Document No :1257280 (32) Priority Date :26/07/2012

(33) Name of priority country: France

(86) International Application :PCT/EP2013/064859

No

:12/07/2013 Filing Date

(87) International Publication: WO 2014/016145

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)RHODIA OPERATIONS

Address of Applicant :25 rue de Clichy F 75009 Paris France

(72)Name of Inventor: 1)GAREL Laurent 2)GAYET Hubert

(57) Abstract:

The invention relates to a method for producing at least one alkoxy hydroxybenzaldehyde (AHBA) from at least one hydroxyphenol (HP) said method being characterised in that it comprises the formation of at least one alkoxyphenol (AP) and alkyl alkoxyphenol (AAP) and the separation (S) of AP from AAP said separation (S) being carried out prior to obtaining AHBA.

No. of Pages: 51 No. of Claims: 18

(21) Application No.10926/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: APPARATUS AND METHOD FOR LAYING 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 No (61) Patent of Addition to Application Number Filing Date 	:10/07/2013 :WO 2014/009718 :NA :NA	(71)Name of Applicant: 1)CEONA SERVICES (UK) LIMITED Address of Applicant: 3 Shortlands London Greater London W6 8DA U.K. (72)Name of Inventor: 1)PRESTON Stephen John 2)LAMMERTINK Erwin
Number		
Filing Date	:NA :NA	

(57) Abstract:

The present invention provides an apparatus for use in laying a submarine pipeline. The apparatus incudes a vessel having a deck area alignment means on the deck area which aligns pipe sections to form a pipeline guidance means for guiding the pipeline and discharge means that are mounted onto the deck area of the vessel and receive the pipeline. The apparatus also includes tensioner means for controlling the movement of the pipeline and an exit port in the deck area for the passage of the pipeline from the discharge means into the water. The alignment means are inclined with respect to the longitudinal axis of the vessel or with respect to the horizontal plane of the deck of the vessel or inclined with respect to both.

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

(21) Application No.10940/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR GENERATING A PSEUDORANDOM SEQUENCE AND METHOD FOR CODING OR DECODING A DATA 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 	:12382201.7 :24/05/2012 :EPO :PCT/EP2013/060662 :23/05/2013 :WO 2013/174944 :NA :NA	(71)Name of Applicant: 1)ENIGMEDIA S.L. Address of Applicant: Calle Portuetxe 23B Oficina 3 12 E 20018 San Sebasti;n Guipuzcoa Spain (72)Name of Inventor: 1)VIDAL CASSANYA Gerard
- 14/	:NA :NA :NA	

(57) Abstract:

The present invention relates to a method for coding a first data stream and a method for decoding a second data stream wherein the coding is the result of comparing the first data stream with a third data stream formed by a pseudorandom sequence by means of an exclusive comparison operation (XOR). Specifically the invention relates to the methods based on hyperchaotic coding methods for generating the pseudorandom sequences used in coding and decoding.

No. of Pages: 30 No. of Claims: 15

(21) Application No.10941/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR PRODUCING A SOLID ACTUATOR

(51) International :H01L41/23,H01L41/053,F02M51/06

classification .H01L41/25,H01L41/055,F02N

(31) Priority Document No :10 2012 212 264.8 (32) Priority Date :13/07/2012

(33) Name of priority :Germany

country (86) International

Application No :PCT/EP2013/064074

Filing Date :03/07/2013

(87) International Publication No :WO 2014/009228

(61) Patent of Addition to Application Number :NA Filing Date :NA

Filing Date
(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)CONTINENTAL AUTOMOTIVE GMBH

Address of Applicant: Vahrenwalder Strae 9 30165 Hannover

Germany

(72)Name of Inventor: 1)SCHRZ Willibald

(57) Abstract:

A solid actuator has an actuator structural unit a top plate and a base plate. A hollow cylinder part made of maraging steel is provided. The hollow cylinder part is heated to a predetermined first temperature (T1) at which the maraging steel is in an austenitic state. A corrugated tube is shaped from the hollow cylinder part by means of a shaping process while the maraging steel is still in an austenitic state. The corrugated tube is cooled and in such a way that the maraging steel is in a martensitic state. The actuator structural unit is inserted into the corrugated tube. The top plate and the base plate are fixed to the corrugated tube such that the actuator structural unit is clamped between the top plate and the base plate at a predetermined pre tension.

No. of Pages: 19 No. of Claims: 5

(21) Application No.10942/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLUID INJECTOR

(51) International classification :F02M51/06,F02M61/16 (71)Name of Applicant : 1) CONTINENTAL AUTOMOTIVE GMBH (31) Priority Document No :10 2012 212 266.4 (32) Priority Date Address of Applicant: Vahrenwalder Strae 9 30165 Hannover :13/07/2012 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2013/064106 (72) Name of Inventor: Filing Date :04/07/2013 1)SCHRZ Willibald (87) International Publication No :WO 2014/009237 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A fluid injector has a solid state actuator and an injector body. A control piston unit is arranged in a control piston unit recess of the injector body. A transmission pin (15) is arranged in such a way that it penetrates a transmission pin recess in the injector body and couples the solid state actuator mechanically to the control piston unit. A first control chamber (17) is delimited by the control piston unit and the injector body which first control chamber (17) is coupled hydraulically to a second control chamber. The control piston unit has a control piston (23) which has an end surface (25) at an axial end which faces the transmission pin (15) which end surface (25) is coupled to the transmission pin (15) and delimits the first control chamber (17). Furthermore the control piston unit has a control sleeve which is arranged coaxially with respect to the control piston (23) and has a radially inwardly directed projection (35) via which driving coupling takes place between the control piston (23) and the control sleeve after overcoming a predefined first control piston stroke of the control piston (23) caused by an elongation of the solid state actuator (7) which is induced by the supply of electrical energy. The control sleeve is arranged and configured in such a way that during an axial movement of the control piston (23) with existing driving coupling it influences a free volume of the first control chamber (17).

No. of Pages: 26 No. of Claims: 5

(21) Application No.10944/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CLAMSHELL GRILL AND METHOD WITH PRODUCT COOK PROCEDURES

 (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 	:A47J37/06 :61/667883 :03/07/2012 :U.S.A. :PCT/US2013/049361 :03/07/2013 :WO 2014/008420 :NA :NA :NA	(71)Name of Applicant: 1)GARLAND COMMERCIAL INDUSTRIES LLC Address of Applicant:185 East South Street Freeland PA 18224 U.S.A. (72)Name of Inventor: 1)CLAESSON Jan 2)SYKES Michael 3)BERGERON Michael 4)JONES Douglas S.
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(57) Abstract:

A clamshell grill comprising: at least one upper platen and a lower platen; a positioning mechanism; a controller comprising a processor a memory and at least one program: at least one initial cooking recipe stored in the memory each the initial cooking recipe comprising at least one cooking parameter selected from the group consisting of: a cooking time cooking temperature and a cooking gap between the upper and lower platens; and a user interface that allows a user to select the initial cooking recipe for a food product disposed on the lower platen; wherein the processor executes the programs to perform operations comprising: selecting the initial cooking recipe operating the positioning mechanism to move the upper platen toward the lower platen until an actual product thickness is determined.

No. of Pages: 25 No. of Claims: 5

(21) Application No.10945/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: JUNCTION BOX AND CONTACTOR DEVICE

(51) International classification(31) Priority Document No	:H01H9/42,H01H50/54,H01R9/00 :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant: Wittelsbacherplatz 2 D 80333 Munich
(33) Name of priority country	:NA	Germany
(86) International Application No Filing Date	:PCT/CN2012/078651 :13/07/2012	(72)Name of Inventor : 1)WANG Longtao 2)YU Nan
(87) International Publication No	:WO 2014/008671	3)SHEN Aixia 4)HAN Bing
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)FISCHER Daniela
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electrical junction box comprises a housing (120,220) a first installation room (1282, 2212) a second installation room (1225,2232) and a connection part (150,250) located in the housing. The connection part includes a body (152,252) a first connection end (153,253) and a second connection end (155,255). The body is joined to a wire (40). The first connection end connected to the body is held in the first installation room and is connected to a contactor (20). The second connection end on the first connection end is held in the second installation room and is connected to a resistance wire. The resistance wire is connected to the second connection end without crossing the junction box. It is good for fixing tightly the junction box and is beneficial to the wire installation.

No. of Pages: 30 No. of Claims: 14

(21) Application No.10946/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: GAS PERMEABLE ELECTRODE AND METHOD OF MANUFACTURE

(51) International classification: C25B11/03, C25B11/04, C25B1/04 (71) Name of Applicant:

:2012902441 (31) Priority Document No (32) Priority Date :12/06/2012

(33) Name of priority country :Australia (86) International Application

:PCT/AU2013/000616 No

:11/06/2013 Filing Date

(87) International Publication :WO 2013/185169

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)MONASH UNIVERSITY

Address of Applicant: Wellington Road Clayton Victoria 3800

Australia (72) Name of Inventor:

1)WINTHER JENSEN Bjorn 2)MACFARLANE Douglas 3)WINTHER JENSEN Orawan

A gas permeable or breathable electrode and method of manufacture thereof. In one example there is an electrolytic cell having an electrode comprising a porous material wherein gas produced at the electrode diffuses out of the cell via the porous material. In operation the gas is produced at the at least one electrode without substantial bubble formation. In another example there is an electrode having a porous conducting material with a hydrophobic layer or coating applied to a side of the porous conducting material. A catalyst may be applied to another side. The gas permeable or breathable electrode can be used in an electrolytic cell electrochemical cell battery and/or fuel cell. Gas produced at the electrode diffuses out of a cell via at least part of the electrode separating the gas from the reaction at the electrode.

No. of Pages: 55 No. of Claims: 58

(21) Application No.10947/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS SYSTEMS AND DEVICES FOR DECOUPLED INTERFERENCE RANDOMIZATION FOR UPLINK REFERENCE SIGNALS

(51) International classification	·H04I11/00 H04I13/00	(71)Name of Applicant :
(31) Priority Document No	:61/650660	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:23/05/2012	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IB2013/054242	1)SORRENTINO Stefano
Filing Date	:22/05/2013	
(87) International Publication No	:WO 2013/175419	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Interference between reference signals.from user equipments in a wireless network the method may be reduced by using a received lime shift value from a node in the wireless network. An interference randomization technique may be applied to a reference signal and a sequence may be generated based on the reference signal to which the interference randomization technique has been applied. A processed reference signal may be derived by applying a time shift based on the time shift value to the sequence. The processed reference signal may be transmitted to the node. Related systems methods nodes and wireless devices are also described.

No. of Pages: 33 No. of Claims: 23

(21) Application No.10948/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR PRODUCING CUMENE

(51) International classification	:C07C37/08,C07C2/86	(71)Name of Applicant :
(31) Priority Document No	:61/668284	1)BADGER LICENSING LLC
(32) Priority Date	:05/07/2012	Address of Applicant :1 Financial Center Boston
(33) Name of priority country	:U.S.A.	Massachusetts 02111 U.S.A.
(86) International Application No	:PCT/US2013/049079	(72)Name of Inventor:
Filing Date	:02/07/2013	1)BIRKHOFF Ronald
(87) International Publication No	:WO 2014/008268	2)HWANG Shyh Yuan H.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a process for producing cumene isopropanol containing nitrogenous impurities is reacted with benzene in an alkylation reactor to produce an effluent stream comprising cumene unreacted benzene and water. Water is removed from the effluent stream and an aliquot of the resultant dried effluent stream is treated to remove nitrogenous impurities and produce a purified recycle stream. At least part of the purified recycle stream is then recycled to the alkylation reactor. In an alternative embodiment the isopropanol is combined with fresh and/or recycled benzene and the combined stream is treated to remove nitrogenous impurities before being fed to the alkylation reactor.

No. of Pages: 27 No. of Claims: 17

(21) Application No.10950/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ELECTROMAGNETIC ACTUATOR

(51) International classification	:H01F7/16	(71)Name of Applicant:
(31) Priority Document No	:2012151665	1)MIKUNI CORPORATION
(32) Priority Date	:05/07/2012	Address of Applicant :13 11 Sotokanda 6 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1010021 Japan
(86) International Application No	:PCT/JP2013/068090	(72)Name of Inventor:
Filing Date	:02/07/2013	1)KOIWA Hiroshi
(87) International Publication No	:WO 2014/007230	2)SHINOHE Shun
(61) Patent of Addition to Application	:NA	3)OGASAWARA Toshiki
Number	:NA	4)ONO Takeshi
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an electromagnetic actuator such that size reduction in accordance with the outer diameter of a coil winding can be achieved while sealing property between a fixed core and a coil part is ensured. On the outside of the outer periphery of a fixed core (12) a cylindrical part (15a) of a moving core (15) is disposed movably along its axis. A coil part (16) is disposed on the outside of the outer periphery of the cylindrical part (15a). The fixed core (12) includes a protruding part (12b) protruding from an end of the cylindrical part (15a). Between the protruding part (12b) and the coil part (16) a ring shaped seal member (18) is disposed so that a gap corresponding to the thickness of the cylindrical part (15a) is provided between the protruding part (12b) and the coil part (16). Thus by disposing the ring shaped seal member in the gap between the protruding part (12b) and the coil part (16) size reduction in accordance with the outer diameter of the coil winding can be achieved while the sealing property between the fixed core (12) and the coil part (16) is ensured.

No. of Pages: 25 No. of Claims: 3

(21) Application No.10951/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CHECK VALVE AND HOT WATER SYSTEM

(51) International classification	:F16K15/06,E03B9/02,F16L55/00	(71)Name of Applicant:
(31) Priority Document No	:2012124090	1)ISHIZAKI CORPORATION
(32) Priority Date	:31/05/2012	Address of Applicant :29 14 Kugahara 5 chome Ota ku Tokyo
(33) Name of priority country	:Japan	1460085 Japan
(86) International Application	DCT/ID2012/064722	(72)Name of Inventor:
No	:PCT/JP2013/064732	1)CHIBA Kazunori
Filing Date	:28/05/2013	
(87) International Publication	:WO 2013/180108	
No	.WO 2013/180108	
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	.NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The check valve (100) includes a valve seat (20) and a valve body (30) capable of linear reciprocating oscillation in a direction towards or away from the valve seat (20) providing closure to the valve seat (20) and permitting opening and closing thereof. The check valve (100) is a check valve of lift design in which the inflow direction (D1) of a fluid (F) inflowing to the valve seat (20) and the passage direction (D2) in which the fluid (F) passes by the valve body (30) intersect. At the inflow side (primary side) of the valve body (30) is disposed a turning surface (40) for turning the fluid (F) from the inflow direction (D1) to the passage direction (D2).

No. of Pages: 69 No. of Claims: 19

(21) Application No.10952/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR PRODUCING PHENOL

(51) International

:C07C29/145,C07C37/08,C07C2/66 classification

(31) Priority Document No :61/671283 (32) Priority Date :13/07/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/046056

:17/06/2013 Filing Date

(87) International Publication :WO 2014/011359

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)BADGER LICENSING LLC

Address of Applicant :1 Financial Center Boston

Massachusetts 02111 U.S.A. (72) Name of Inventor: 1)BIRKHOFF Ronald

(57) Abstract:

In a process for producing phenol benzene is contacted with a C3 alkylating agent comprising isopropanol under alkylation conditions such that at least part of the isopropanol reacts with the benzene to produce cumene. At least part of the resultant cumene is then oxidized in the presence of an oxidizing gas to produce an oxidation effluent comprising cumene hydroperoxide unreacted cumene and a spent oxidizing gas. The unreacted cumene is separated from the oxidation effluent and is treated to remove nitrogenous impurities therefrom and produce a purified cumene stream which is recycled to the oxidization step. At least part of the cumene hydroperoxide from the oxidation effluent is cleaved to produce a cleavage effluent comprising phenol and acetone. The phenol is recovered phenol from the cleavage effluent whereas at least part of the acetone from the cleavage effluent is hydrogenated to produce isopropanol for recycle to the alkylation step.

No. of Pages: 16 No. of Claims: 15

(21) Application No.10954/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: DEVICE FOR FITTING AND REMOVAL OF BRAKE CALIPERS AND METHOD FOR FITTING AND REMOVING SUCH A BRAKE CALIPER

(51) International $:\!F16D65/02,\!B23P19/04,\!B25B11/02$ classification

(31) Priority Document No :12506630

(32) Priority Date :20/06/2012 (33) Name of priority country: Sweden

(86) International Application :PCT/SE2013/050680

No :12/06/2013 Filing Date

(87) International Publication :WO 2013/191620

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SCANIA CV AB

Address of Applicant: S 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)MELLBERG Lars

(57) Abstract:

The invention relates to a device for fitting and removal of brake calipers (2) comprising a frame portion (38) and a fastening portion (40) for fastening the device (36) on the brake caliper (2) the frame portion (38) and the fastening portion (40) being connected to one another and the frame portion (38) being provided with lifting means (42) for connecting a lifting device (44). The fastening portion (40) comprises connecting portions (18) adapted to engaging with at least one fastening point (20) for a component (16) which cooperates with the brake caliper (2). The component cooperating with the brake caliper (2) is a brake caliper bracket (16). The connecting portions (18) of the fastening portion (40) are of substantially the same geometrical shape as the brake caliper bracket s connecting portions (18) which connect with the brake caliper (2). The invention relates also to a method for fitting and removing such a brake caliper (2).

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

(21) Application No.10960/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DRY SLAG GRANULATION 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 	:09/08/2013 :WO 2014/037188 :NA :NA	(71)Name of Applicant: 1)SIEMENS PLC Address of Applicant: Faraday House Sir William Siemens Square Frimley Camberley Surrey GU16 8QD U.K. (72)Name of Inventor: 1)MCDONALD Ian
Filing Date	:NA	

(57) Abstract:

A dry slag granulation system comprises a slag granulation housing (40) forming an opening a slag supply inlet (42) a directional granulator (8) to receive the slag from the inlet for granulation and an sensor (49) directed at a region (61) of the opening. A controller is provided for controlling relative movement of the slag supply inlet and the directional granulator (8) in response to signals received from the sensor (49).

No. of Pages: 18 No. of Claims: 12

(21) Application No.10962/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PREPARATION OF 18F-FLUCICLOVINE

 (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 	:C07C227/20 :1214220.4 :09/08/2012 :U.K. :PCT/EP2013/066570 :07/08/2013 :WO 2014/023775 :NA :NA	(71)Name of Applicant: 1)GE HEALTHCARE LIMITED Address of Applicant: Amersham Place Little Chalfont Buckinghamshire HP7 9NA U.K. (72)Name of Inventor: 1)SVADBERG Anders 2)RYAN Olav 3)SMEETS Roger
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(57) Abstract:

The present invention provides a method for the production of [18F]-FACBC which has advantages over know such methods. Also provided by the present invention is a system to carry out the method of the invention and a cassette suitable for carrying out the method of the invention on an automated radiosynthesis apparatus.

No. of Pages: 22 No. of Claims: 21

(21) Application No.10963/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PORTABLE STIRRUP WITH LEG SUPPORT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61G13/12 :61/654582 :01/06/2012 :U.S.A. :PCT/US2013/043609	(71)Name of Applicant: 1)GAUTA Joseph Address of Applicant:5941 Spanish Oaks Lane Naples FL 34119 U.S.A. (72)Name of Inventor:
Filing Date	:31/05/2013	1)GAUTA Joseph
(87) International Publication No	:WO 2013/181531	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable boot style stirrup assembly with leg support for use during medical procedures. The portable boot style stirrup assembly affixes to the existing stirrup footrests found about medical examination tables resultantly increasing procedural efficiency and decreasing doctor cost of the performance of in office medical procedures increasing patient comfort during prolonged procedures and increasing doctor and patient safety during procedures. The portable boot style stirrup assembly includes a boot shell structure which supports a patient s foot and calf and a receptacle constructed and arranged to receive the existing stirrup footrest of medical procedure tables and allow for adjustment of the adductive and abductive angle positioning of a patient s leg for examination and surgical procedures.

No. of Pages: 21 No. of Claims: 11

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LOCKOUT MECHANISM FOR USE WITH ROBOTIC ELECTROSURGICAL DEVICE

(51) International classification :A61B18/14,A61B17/32,A61B19/00

(31) Priority Document No :13/539110 (32) Priority Date :29/06/2012

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

(86) International PCT/US2013/045814
Application No

Filing Date :14/06/2013

(87) International Publication :WO 2014/004115

(61) Patent of Addition to

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant :4545 Creek Road # 97 Cincinnati Ohio

45242 U.S.A.

(72)Name of Inventor:

1)BATROSS Jonathan T.

2)TREES Gregory A.

3)STULEN Foster B.

4)STEWART Randolph 5)BOUDREAUX Chad P.

(57) Abstract:

A robotically controlled surgical tool comprising including a lockout mechanism is provided. The surgical tool may comprise an instrument mounting portion. The instrument mounting portion includes a housing a plate a shaft assembly comprising an end effector and a coupler to couple the shaft assembly to the instrument mounting portion. The end effector comprises a first jaw member and a second jaw member the first and second jaw members defining a channel therebetween and a blade slideably receivable within the channel to cut tissue located between the first and second jaw members. The surgical tool may include an actuation mechanism to actuate the end effector to provide reciprocating movement of the blade within the channel. A lockout mechanism is coupled to the actuation mechanism. The lockout mechanism may selectively enable reciprocating movement of the blade. An interface mechanically and electrically couples the instrument mounting portion to a robotic manipulator.

No. of Pages: 107 No. of Claims: 20

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: IRRADIATION DEVICE OF A PASTE TYPE COMPOSITION

(51) International :A61C19/00,A61C5/06,A61C13/15 classification

(31) Priority Document No :MI2012A001098

(32) Priority Date :22/06/2012 (33) Name of priority country: Italy

(86) International Application

:PCT/IB2013/054983

:18/06/2013 Filing Date

(87) International Publication :WO 2013/190457

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)COSWELL S.P.A.

Address of Applicant: Via Gobetti 4 I 40050 Funo di Argelato

(BO) Italy

(72) Name of Inventor: 1)GUALANDI Jacopo 2)PASCUCCI Paolo

(57) Abstract:

It is described an irradiation device (10; 100) of a paste type composition (C) comprising a container body (12; 120) equipped with a longitudinal through opening (14; 140) for the transit of the paste type composition (C) to be irradiated and with a dispensing head (18; 180) extending from the longitudinal through opening (14; 140); at least one irradiation element (24; 240) arranged in the container body (12; 120) and suitable for irradiating the paste type composition (C) in transit in the longitudinal through opening (14; 140); and an energy source (26; 260) also arranged in the container body (12; 120) and in electrical connection with the at least one irradiation element (24; 240). It is also described a cartridge (50) for application on a treatment site of a paste type composition (C) to be irradiated the cartridge comprising a tube (30; 300) of paste type composition (C) able to be removably associated with such a irradiation device (10; 100).

No. of Pages: 31 No. of Claims: 15

(21) Application No.10967/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: EXHAUST GAS DILUTION 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 	:G01N1/22,G01N1/00 :2012126046 :01/06/2012 :Japan :PCT/JP2013/061398 :17/04/2013 :WO 2013/179794 :NA :NA	(71)Name of Applicant: 1)HORIBA LTD. Address of Applicant: 2 Miyanohigashi cho Kisshoin Minami ku Kyoto shi Kyoto 6018510 Japan (72)Name of Inventor: 1)ASAMI Tetsuji 2)TAKAKURA Yoshitomo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

By the present invention diluted exhaust gas is supplied to a plurality of measurement instruments by a single exhaust gas dilution device an exhaust gas measurement system into which the exhaust gas dilution device is built is reduced in size and exhaust gas is diluted by the same exhaust gas and dilution conditions in the plurality of measurement instruments. The present invention is provided with a sampling port (2) to which a sampling line (L1) is connected a dilution air supply port (3) to which a dilution air supply line (L2) is connected a diluter (4) for diluting a sample gas with dilution air a main channel (5) through which diluted exhaust gas flows a plurality of measurement instruments ports (7a 7c) to which measurement instrument lines (L3a L3c) are connected having measurement instruments (9a 9c) which include a PM measurement instrument and an exhaust gas measurement instrument a plurality of branch flow rate adjustment mechanisms (10a 10c) for adjusting the flow rate of diluted exhaust gas through branching channels (71a 71c) and a control device (8) for controlling the plurality of branch flow rate adjustment mechanisms (10a 10c) on the basis of the flow rate of exhaust gas through an exhaust pipe (EH).

No. of Pages: 35 No. of Claims: 12

(21) Application No.10968/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : A TOY BRICK A METHOD OF MANUFACTURING A TOY BRICK AND A MOULDING TOOL FOR THE MANUFACTURE OF A TOY BRICK

(51) International classification (31) Priority Document No	:A63H33/08 :PA 2012 70421	(71)Name of Applicant: 1)LEGO A/S
(32) Priority Date(33) Name of priority country	:11/07/2012 :Denmark	Address of Applicant : Aastvej 1 DK 7190 Billund Denmark (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/064447 :09/07/2013	1)KRAAG HENRIKSEN Preben
(87) International Publication No (61) Patent of Addition to Application	:WO 2014/009345	
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A toy brick (1) a method of manufacturing a toy brick (1) as well as a mould for the manufacture of a toy brick (1). The toy brick (1) comprising: a body part (3) with one or more sidewalls (5) extending around the outer periphery of the toy brick (1). The one or more sidewalls (5) at least partially define an interior (25) of the toy brick (1) and said sidewalls (5) extend from a bottom face (10) to a top portion (20) of the body part (3) an elongated rib (100) arranged interiorly (25) on one of the one or more sidewalls (5). The elongated rib (100) extend at least partially between the bottom face (10) towards the top portion (20) of the body part (3) and the elongated rib (100) is upon interconnection with another toy brick configured to be in abutment on coupling means (50) with the other toy brick the width (110) of the elongated rib (100) in a central portion (111) in between the bottom face (10) and the top portion (20) and parallel to the sidewall (5) accommodating the elongated rib (100) is greater than the width (140) of the elongated rib (100) near its ends (131 121) parallel to the sidewall (5) accommodating the elongated rib (100).

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAME RESISTANT COATING FOR THE REAR SIDE OF A CARPET

 (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 	:C09J123/14 :10 2012 016 171.9 :16/08/2012 :Germany :PCT/EP2013/002332 :03/08/2013 :WO 2014/026741 :NA :NA :NA	(71)Name of Applicant: 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant: Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola VIRGIN ISLANDS (72)Name of Inventor: 1)HERRLICH Timo 2)STEIB Christian 3)LANG Andreas
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(57) Abstract:

The invention relates to a hot melt adhesive designed to be flame resistant characterised in that said adhesive contains the following components: a) 20 to 70 percent by weight of one or more polyolefin wax(es) of one or more C C a olefin(s) and optionally ethylene; b) 9 to 30 percent by weight of expanded graphite; c) 5 to 30 percent by weight of a further flame retardant; d) 0 to 15 percent by weight of an antistatic agent; e) 0 to 12 percent by weight of one or more resin(s); f) 0 to 40 percent by weight of one or more amorphous atactic poly a olefin(s) (APAO).

No. of Pages: 28 No. of Claims: 25

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: COLORANT METERING SUPPLY APPARATUS OF COLORANT DISPENSER

(51) International classification :F04B1/16,F04B1/29,F04B53/10 (71)Name of Applicant :

(31) Priority Document No :201210180754.0 (32) Priority Date :01/06/2012

(33) Name of priority country :China

(86) International Application No:PCT/CN2013/072214

Filing Date :06/03/2013

(87) International Publication No: WO 2013/177965

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)ZHENGZHOU SANHUA TECHNOLOGY & INDUSTRY CO. LTD.

Address of Applicant :Xushui Industrial & Trading Park

Zhongyuan West Road Zhengzhou Henan China

(72) Name of Inventor:

1)LI Huan

(57) Abstract:

A colorant metering supply apparatus (1) and a colorant dispenser having the supply apparatus (1). The supply apparatus comprises: a colorant source (S); a cylinder body (3) having arranged around the circumferential direction thereof multiple piston cylinders (25 and 25A); a swashplate (34) arranged mostly coaxially with the cylinder body (3) and provided with an oblique surface; multiple piston mechanisms where each piston mechanism comprises a piston rod (22) and a piston (23) connected to the piston rod (22) where the piston rod (22) is provided with a rolling abutment structure abutted against the oblique surface and where the pistons (23) are constructed to make stroke movements within the corresponding piston cylinders (25 and 25A) by means of rotations of the swashplate (34); an actuator for use in actuating the swashplate (34); a controller operatively connected to the actuator for controlling the amount of rotation of the swashplate (34); and an outlet (O) for use in distributing a colorant. Preferably the supply apparatus (1) also comprises an axial direction resetting mechanism and a circumferential direction resetting mechanism.

No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR OLIGOMERIZATION OF ETHYLENE

 (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 Filing Date Filing Date	:C07C2/36,B01J31/16,B01J31/18 :12175732.2 :10/07/2012 :EPO :PCT/EP2013/001658 :05/06/2013 :WO 2014/008964 :NA :NA	(71)Name of Applicant: 1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC) Address of Applicant: P.O. Box 5101 11422 Riyadh Saudi Arabia 2)Linde AG (72)Name of Inventor: 1)W-HL Anina 2)MLLER Wolfgang 3)B-LT Heinz 4)MEISWINKEL Andreas 5)HARFF Marco 6)WELLENHOFER Anton 7)HOFMANN Karl Heinz 8)ZANDER Hans Jrg 9)ILIYAS Abduljelil 10)KHURRAM Shahid 11)AZAM Shahid 12)AL QAHTANI Abdullah
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(57) Abstract:

The present invention relates to a method for oligomerization of ethylene, comprising the steps: a) feeding ethylene, o solvent and a catalyst composition comprising catalyst and cocatalyst into a reactor, b) oligomerizing ethylene in the reactor, c) dis - charging a reactor effluent comprising linear alpha-olefins including 1-butene, solvent, unconsumed ethylene dissolved in the reactor o effluent, and catalyst composition from the reactor, d) separating ethylene and 1-butene collectively from the remaining reactor effluent, and e) recycling at least a part of the ethylene and the 1-butene separated in step d) into the reactor.

No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: KEY AGREEMENT FOR WIRELESS COMMUNICATION

 (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 	:26/06/2013 :WO 2014/004688 :NA :NA	(71)Name of Applicant: 1)CERTICOM CORP. Address of Applicant: 4701 Tahoe Boulevard Tahoe A 6th Floor Mississauga ON L4W 0B5 Canada (72)Name of Inventor: 1)BROWN Daniel Richard L. 2)CAMPAGNA Matthew John 3)EBEID Nevine Maurice Nassif
1 (01110 01		

(57) Abstract:

Methods systems and computer programs for performing key agreement operations in a communication system are described. In some aspects a wireless network operator receives a mobile device identifier and accesses a secret key associated with the mobile device. A message authentication code function is evaluated based on the secret key to produce an output value. A session key and a challenge value are obtained based on the output value. In some aspects a mobile device accesses a secret key in response to receiving the challenge value from the wireless network operator. A message authentication code function is evaluated based on the secret key to produce an output value. A response value and a session key are obtained based on the output value. The response value is transmitted to the wireless network operator.

No. of Pages: 64 No. of Claims: 16

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR DETERMINING WHITE BLOOD CELL COUNTS

(51) International classification	:G01N15/14,G01N15/12,G01N15/00	1)BECKMAN COULTER INC.
(31) Priority Document No	:61/668377	Address of Applicant :250 S. Kraemer Boulevard Brea
(32) Priority Date	:05/07/2012	California 92821 U.S.A.
(33) Name of priority	:U.S.A.	(72)Name of Inventor:
country (86) International		1)VIDAL Patricio 2)GODEFROY Christophe
Application No Filing Date	:PCT/US2013/049367 :03/07/2013	3)CHEWPUTTANAGUL Phaisit 4)LU Jiuliu
(87) International Publication No	:WO 2014/008424	4)LO Jiunu
(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 present invention encompass automated systems and methods for analyzing white blood cell parameters in an individual based on a biological sample obtained from blood of the individual. Exemplary techniques involve correlating aspects of direct current (DC) impedance radiofrequency (RF) conductivity and/or light measurement data obtained from the biological sample with an evaluation of white blood cell conditions in the individual.

No. of Pages: 91 No. of Claims: 30

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FOOD DOUGH SPREADING DEVICE AND FOOD DOUGH SPREADING 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 	:A21C3/02 :2012125858 :01/06/2012 :Japan :PCT/JP2013/064746 :28/05/2013 :WO 2013/180115 :NA :NA :NA	(71)Name of Applicant: 1)RHEON AUTOMATIC MACHINERY CO. LTD. Address of Applicant: 2 3 Nozawa machi Utsunomiya shi Tochigi 3200071 Japan (72)Name of Inventor: 1)MORIKAWA Michio 2)HIRABAYASHI Koichi 3)KOMINATO Susumu 4)FUKUDA Masashi
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(57) Abstract:

A food dough spreading method supplies a food dough (15) between spreading rollers (27) of a spreading means (25) wherein a plurality of the spreading rollers (27) are disposed in a V shape and progressively spreads the same thinner wherein the width of the food dough (15) flowing from the spreading means (25) is adjusted by adjusting the gap of a pair of vibration applying members (31) provided between the plurality of spreading rollers (27) disposed in a V shape and the vibration applying members (31) reciprocatingly vibrate in the lengthwise direction of the spreading rollers (27) at the position where the width was adjusted. The reciprocating vibration of the pair of vibration applying members (31) is vibration in the direction of mutual approach and separation and when the pair of vibration applying members (31) are mutually approaching the feed rate of the food dough (15) by the spreading rollers (27) is stopped or slowed and when the pair of vibration applying members (31) are mutually separating the food dough (15) is fed faster by the spreading rollers (27).

No. of Pages: 55 No. of Claims: 17

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ENCODING AND DECODING VIDEO SEQUENCES COMPRISING REFERENCE PICTURE SETS

(51) International classification :H04N7/26,H04N7/36,H04N7/50 (71) Name of Applicant :

(31) Priority Document No :61/666235 (32) Priority Date :29/06/2012

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

(86) International Application :PCT/SE2013/050835

:01/07/2013 Filing Date

(87) International Publication No:WO 2014/003682

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden

(72)Name of Inventor:

1)STR-M Jacob

2)SAMUELSSON Jonatan

3)SJ-BERG Rickard

(57) Abstract:

A method (1000) of encoding a video sequence comprising Reference Picture Sets (RPSs) is provided. The method comprises arranging (1001) the RPSs in transmission order in a data structure such as a Sequence Parameter Set (SPS) determining (1003) whether explicit RPS transmission is used for an RPS of a current picture of the video sequence and encoding (1004) information indicating an RPS comprised in the data structure to be used for predicting the RPS of the current picture such as delta idx minus 1 only if explicit RPS transmission is used. By transmitting delta idx minus 1 only if explicit RPS transmission is used and interpreting delta_idx_minus 1 to be equal to zero otherwise a reduced bitrate is achieved. Further a method of decoding a video sequence comprising RPSs corresponding computer programs and computer program products as well as corresponding encoders and decoders are provided.

No. of Pages: 39 No. of Claims: 32

(21) Application No.10979/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : TREATING WASTEWATER BY ULTRAFILTRATION IN FLUOROPOLYMER RESIN 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 	:61/684328 :17/08/2012 :U.S.A. :PCT/US2013/055033 :15/08/2013 :WO 2014/028676 :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)ROELEN Antonius Cornelis Maria 2)JOHNSON David William 3)GOUDIE William Wayne
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides for a process for treating wastewater containing fluoropolymer resin waste solids comprising: passing the wastewater through hollow fiber membranes to separate fluoropolymer resin waste solids and produce treated filtrate water; and removing the fluoropolymer resin waste solids from the wastewater.

No. of Pages: 30 No. of Claims: 15

(21) Application No.10980/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONFECTIONERY PRODUCT COMPRISING AGGLOMERATED OIL POWDER

(51) International classification :A21D13/08,A23G1/00,A23G3/00 (71)Name of Applicant : (31) Priority Document No :12174851.1 1)NESTEC S.A. (32) Priority Date :03/07/2012 Address of Applicant : Avenue Nestl 55 CH 1800 Vevey (33) Name of priority country :EPO Switzerland (86) International Application (72) Name of Inventor: :PCT/EP2013/064020 No 1)ALTHAUS Tim Oliver :03/07/2013 Filing Date 2)DOPFER Daniel Johannes (87) International Publication 3)NIEDERREITER Gerhard :WO 2014/006084 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to the use of oil powder and milk powders for the preparation of solid confectionery products wherein the oil powder is granulated together with the milk powder and other powder ingredients and then pressure agglomerated; to solid confectionery products comprising pressure agglomerated powder ingredients including an oil powder and a milk powder wherein the oil powder comprises an inner core comprising an oil and an outer shell comprising a cross linked emulsifier and to processes for the preparation thereof.

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

(43) Publication Date: 18/09/2015 (22) Date of filing of Application :22/12/2014

(54) Title of the invention: METHOD FOR ACTIVATING A SWITCHING ELEMENT OF A VALVE DEVICE

(51) International classification: F02D41/38,F02D41/24,H01F7/18 (71) Name of Applicant:

:10 2012 211 798.9 (31) Priority Document No

(32) Priority Date :06/07/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/063005

No

:21/06/2013

Filing Date

(87) International Publication :WO 2014/005859

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72) Name of Inventor:

1)RICHTER Uwe

2)WILMS Rainer

3)KUEMPEL Joerg

4)MAESS Matthias

(57) Abstract:

A method for activating a switching element of a valve device between a first end position and a second end position in which method an application device acts on the switching element in a first direction towards the first end position and in which an electromagnetic activation device acts on the switching element in a second direction towards the second end position when first energization occurs wherein the second direction is opposite to the first direction and in a normal mode within a cycle after an end of the first energization a movement of the switching element in the first direction brought about by the application device is slowed down by a brief second energization (braking pulse) which is initiated after the expiry of a pause time after a characteristic time within the cycle. It is proposed that the optimum pause time and/or an optimum variable characterizing the braking pulse is determined in an adaptation mode as follows: a. initiation of a third energization instead of the second energization wherein the level of the third energization is on the one hand selected to be so low that the switching element cannot be moved out of the first end position when it is in said position and on the other hand is selected to be so high that the switching element does not leave the second end position when it is in said position and wherein the characteristic time is an end of the first energization and the pause time is firstly selected such that the switching element reliably moves into the first end position after the end of the first energization and before the start of the third energization b. shortening of the pause time from cycle to cycle c. determination of a minimum pause time during which the switching element no longer moves into the first end position after the start of the third energization d. adaptation of the pause time and/or of the variable which characterizes the braking pulse as a function of the minimum pause time determined.

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

(21) Application No.10933/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A PROCESS FOR CULTURING MICROORGANISMS ON A SELECTED SUBSTRATE

(51) International classification	:C12P7/06,C12P7/08,C12N1/20	(71)Name of Applicant:
(31) Priority Document No	:61/650098	1)INEOS BIO SA
(32) Priority Date	:22/05/2012	Address of Applicant : Avenue des Uttins 3 CH 1800 Rolle
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/041029	(72)Name of Inventor:
Filing Date	:14/05/2013	1)SENARATNE Ryan
(87) International Publication No	:WO 2013/176931	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

A process is provided that is effective for allowing bacteria to be cultured in a selected substrate. Bacteria are sporulated and then germinated in the presence of a selected substrate and medium.

No. of Pages: 34 No. of Claims: 35

(22) Date of filing of Application :20/12/2014

(21) Application No.10934/DELNP/2014 A

(43) Publication Date: 18/09/2015

(54) Title of the invention: PACING CONTENT

(51) International classification	:G11B27/031	(71)Name of Applicant:
(31) Priority Document No	:13/536711	1)AUDIBLE INC.
(32) Priority Date	:28/06/2012	Address of Applicant: 1 Washington Park 16th Floor Newark
(33) Name of priority country	:U.S.A.	NJ 07102 U.S.A.
(86) International Application No	:PCT/US2013/047866	(72)Name of Inventor:
Filing Date	:26/06/2013	1)HWANG Douglas C.
(87) International Publication No	:WO 2014/004658	2)ARORA Ajay
(61) Patent of Addition to Application	:NA	3)GOLDSTEIN Douglas S.
Number	:NA	4)YANG Shirley C.
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

Users may have a set duration during which they may consume content or they may have a variable duration during which they may consume content. A content pacing service is disclosed so that a portion of an item of content may be conveyed in the set duration during which a user is to consume the content. In one embodiment the rate at which the content is conveyed is increased or decreased so that a reference point in the item of content (e.g. the end of a chapter in an audiobook) is reached approximately when the duration of the user s content consumption ends.

No. of Pages: 48 No. of Claims: 15

(21) Application No.10935/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHANOL CONVERSION PROCESS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:1209162.5	1)AIR FUEL SYNTHESIS LIMITED
(32) Priority Date	:24/05/2012	Address of Applicant :94 Cleveland Avenue Darlington
(33) Name of priority country	:U.K.	Durham DL37BE U.K.
(86) International Application No	:PCT/EP2013/060812	(72)Name of Inventor:
Filing Date	:24/05/2013	1)JENNINGS James Robert
(87) International Publication No	:WO 2013/175014	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	27.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for the conversion of methanol to hydrocarbons within the C to C range is described which comprises contact of a feed comprising methanol with a zeolite microporous crystalline material having an empirical formula (I) wherein M is selected from H an inorganic cation of charge +n and mixtures thereof X is at least one chemical element having an oxidation state of +3 Y is at least one second chemical element other than Si having an oxidation state +4 x has a value between 0 and about 0.3 y has a value between 0 and about 0.1 and recovery of hydrocarbons within the C to C17 range from the conversion product.

No. of Pages: 25 No. of Claims: 6

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR PRODUCING ALKOXYPHENOL AND ALKOXY HYDROXYBENZALDEHYDE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C47/58,C07C47/575,C07C41/16 :1257275 :26/07/2012 :France	(71)Name of Applicant: 1)RHODIA OPERATIONS Address of Applicant: 25 rue de Clichy F 75009 Paris France (72)Name of Inventor: 1)GAREL Laurent
(86) International Application No Filing Date	:PCT/EP2013/064861 :12/07/2013	
(87) International Publication No	:WO 2014/016146	
(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 alkoxyphenol from hydroxyphenol, comprising an O-alkylation reaction of at least one hydroxyphenol into at least one alkoxyphenol, said reaction being carried out using an O-alkylating agent, an aqueous solvent containing a Br'ensted base, and an organic solvent, with a base/O-alkylating agent ratio of between 0.5 and 1.5 in moles of base per mole of O-alkylating agent, an O-alkylating agent/hydroxyphenol ratio of between 0.5 and 2 moles of O-alkylating agent per mole of hydroxyphenol, and an organic solvent/hydroxyphenol ratio of less than 280 mL, preferably between 10 and 250 mL and more preferably still between 50 and 150 mL of organic solvent per mole of hydroxyphenol. The invention also relates to a method for producing at least one alkoxy-hydroxybenzaldehyde from at least one hydroxyphenol compound.

No. of Pages: 40 No. of Claims: 11

(21) Application No.10937/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYNGAS FERMENTATION PROCESS AND MEDIUM

(51) International classification	:C12P7/06,C12N1/20,C12P7/08	(71)Name of Applicant:
(31) Priority Document No	:61/650098	1)INEOS BIO SA
(32) Priority Date	:22/05/2012	Address of Applicant : Avenue des Uttins 3 CH 1800 Rolle
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/041249	(72)Name of Inventor:
Filing Date	:15/05/2013	1)SCOTT Syrona
(87) International Publication No	:WO 2013/176947	2)SENARATNE Ryan
(61) Patent of Addition to	:NA	3)KO Ching Whan
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.TVA	

(57) Abstract:

A process for fermenting syngas and a fermentation medium provides high ethanol productivity while removing medium components that were previously thought to be essential. The process is effective for providing a specific STY of at least about 1 g ethanol/(Ldaygram cells). In this aspect, the fermentation medium has less than about 1.04 ppm boron, less than about 0.16 ppm manganese, less than about 0.26 ppm molybdenum, or less than about 0.16 ppm copper.

No. of Pages: 41 No. of Claims: 24

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : IP MULTICAST SERVICE JOIN PROCESS FOR MPLS- BASED VIRTUAL PRIVATE CLOUD NETWORKING

 (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 :13/649026 :10/10/2012 :U.S.A. :PCT/IB2013/059100 :03/10/2013 :WO 2014/057402 :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)MISHRA, Ramesh; 2)GREEN, Howard; 3)BAUCKE, Stephan; 4)KEMPF, James; 5)TATIPAMULA,Mallik;
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(57) Abstract:

A multicast cloud controller (MCC) in a cloud system implements a process to manage multicast traffic in a cloud network. The MCC is coupled to at least one virtualized server for hosting one or more virtual machines (VM) wherein the virtualized server comprises at least one virtual switch (VS) that supports multiprotocol label switching (MPLS) and the virtual switch is coupled to a top of rack switch (TORS) that supports MPLS. MPLS is utilized to support multicast data traffic in the cloud system such that the system and method reduces state and is scalable.

No. of Pages: 70 No. of Claims: 40

(21) Application No.10957/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD OF REMOVING INORGANIC SCALES

 (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 	:26/06/2013 :WO 2014/004697 :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. (72)Name of Inventor: 1)QU Qi 2)GOMAA Ahmed M.
Filing Date	:NA	

(57) Abstract:

The productivity of hydrocarbons from hydrocarbon bearing calcareous or siliceous formations is enhanced by contacting the formation with a well treatment composition which contains a hydrofluoric acid source a phosphonate acid ester or salt thereof a quaternary ammonium salt and an organosilane and optionally a boron containing compound.

No. of Pages: 40 No. of Claims: 31

(21) Application No.10958/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PRESSING TOOL

:B25B27/14,H01R43/042 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10 2012 106 186.6

(32) Priority Date :10/07/2012 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/064472

:NA

Filing Date :09/07/2013

(87) International Publication No :WO 2014/009363

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)GUSTAV KLAUKE GMBH

Address of Applicant: Auf dem Knapp 46 42855 Remscheid

Germany

(72) Name of Inventor:

1)FRENKEN Egbert

(57) Abstract:

Filing Date

The invention relates to a motorised hand held pressing tool (1) particularly a crimping tool having a stationary holding part (9) in which at least one pressing jaw (5 6) capable of pivoting about a pivot axis is mounted which pressing jaw (5 6) on one side of the pivot axis forms a working region (10 11) and on the other side forms an impingement region (12) extending in the longitudinal direction of the pressing jaw (5 6) wherein in order to carry out pressing it is possible to act on the impingement region (12) with an impinging part (36) which can move relative to the impingement region (12). In order to specify a motorised hand held pressing tool with a pivotable pressing jaw in which with a simple construction pressing can be carried out in a favourable manner according to the invention the linearly moved impinging part (36) is moveable in the longitudinal direction of the impingement region by the exertion of manual force and additionally in a motorised manner.

No. of Pages: 68 No. of Claims: 37

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DABIGATRAN ETEXILATE OR PHARMACEUTICALLY ACCEPTABLE SALT 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 	:C07D401/12 :3065/DEL/2012 :28/09/2012 :India :PCT/IB2013/059016 :30/09/2013 :WO 2014/049585 :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant: Head Office: 12th Floor, Devika Tower, 06 Nehru Place, New Delhi ,Delhi 110019,India Delhi India (72)Name of Inventor: 1)VEMPALI ,Anandam 2)SANWAL, Sudhir Singh 3)MURUGESAN ,Balaguru 4)SATHYANARAYANA ,Swargam 5)THAPER ,Rajesh Kumar 6)PRASAD ,Mohan
(62) Divisional to Application Number Filing Date	:NA :NA	6)PRASAD ,Mohan

(57) Abstract:

The present invention relates to a process for the preparation of dabigatran etexilate. The present invention also relates to trifluoroacetate salt of dabigatran etexilate and a process for its preparation. The present invention further relates to crystalline Form I and crystalline Form II of trifluoroacetate salt of dabigatran etexilate and processes for their preparation. The present invention further relates to a process for the preparation of pharmaceutically acceptable salts, including methanesulfonate salt, of dabigatran etexilate.

No. of Pages: 36 No. of Claims: 15

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MEASUREMENT METHOD FOR DETECTING DAMAGE TO A TURBINE BLADE AND TURBINE

 (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 	:F01D21/00,G01H1/00 :12190744.8 :31/10/2012 :EPO :PCT/EP2013/070433 :01/10/2013 :WO 2014/067737 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 M ¹ / ₄ nchen Germany (72)Name of Inventor: 1)JAKIELSKI, Sebastian; 2)OBERMAYR, Stefan;
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(57) Abstract:

The invention relates to a measurement method (11) for early detection of damage to a blade (26) of an impeller of a turbine (10). According to the invention, during operation of the turbine (10), in a rotational direction (17) of the blade (26) along a circumference (24) which surrounds the impeller, at a plurality of points, in each case a plurality of magnetic fields are generated next to one another substantially in an oscillation direction (18) of the blade (26), which magnetic fields are influenced by a tip (15) of a turbine blade (14) of the blade (26) during transit. Positional values (19) of the tip (15) are detected (32) by way of the influencing at the plurality of points. A positional profile (20) of the turbine blade (14) is then formed (33) from the positional values (19) and a frequency (22) is determined (34) from the positional profile (20). Said frequency (22) is compared (35) with defined frequency values. An alarm event (23) is recognized (36) in the case of a sudden and/or pronounced change in the frequency (22). In addition, a turbine (10) is claimed which is configured to carry out the measurement method (11) according to the invention.

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

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ELECTRONIC INTERCONNECT METHOD AND APPARATUS

 (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 	:H05K7/14 :13/530958 :22/06/2012 :U.S.A. :PCT/US2013/046942 :21/06/2013 :WO 2013/192475 :NA :NA	 (71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One Amd Place Sunnyvale California 94088 U.S.A. (72)Name of Inventor: 1)FRICKER Jean Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electronics chassis has many removable boards (50) on sleds (30) that are interconnected by a honeycomb interconnect structure. Interconnect boards (10,12) in Y planes and Z planes are orthogonal to each other and form cells. Cooling air flows through the cells in an X direction parallel to surfaces of the interconnect boards. The removable boards have connectors (40,42,44) that mate with an edge of Z divider interconnect boards (14). Fans blow air through the cells in the honeycomb structure unimpeded since no boards are perpendicular to the airflow. Notches in the rear of the Z divider boards provide airflow equalization allowing closer spacing of fans to the honeycomb structure. A sled carrier honeycomb structure (16,18,19) is placed in front of the honeycomb interconnect structure to guide sleds into position. Sled carrier dividers (16) are offset from the Z divider boards to allow removable boards to align with Z divider boards in the Z planes parallel to airflow.

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

(21) Application No.10984/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITION FOR FOAM TIRE

:C08L53/00,C08L21/00,C08J9/04 :1020120079231 :20/07/2012 :Republic of Korea :PCT/KR2013/006480 :19/07/2013 :WO 2014/014306 :NA :NA	(71)Name of Applicant: 1)LEE Young Gi Address of Applicant:101 203 Seokbong Maeul Daedong Apt. 30 2 Sammunri Jangyumyeon Gimhae si Gyeongsangnam do 621 790 Republic of Korea (72)Name of Inventor: 1)KIM Heesook
:NA :NA	
	:1020120079231 :20/07/2012 :Republic of Korea :PCT/KR2013/006480 :19/07/2013 :WO 2014/014306 :NA :NA

(57) Abstract:

Provided is a composition for a foam tire. The composition includes 100 parts by weight of a blend of an olefin block copolymer and a rubber as a polymer matrix, 0.02 to 4 parts by weight of a crosslinking agent, and 1 to 6 parts by weight of 5 a foaming agent. The olefin block copolymer and the rubber are present in amounts of 50 to 80% by weight and 20 to 50% by weight, respectively, based on the total weight of the polymer matrix.

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

(21) Application No.2623/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: WASTE DEVICE FOR REFUSE, PARTICULARLY FOR DIAPERS

(51) International classification :B65F1/06,B65F1/10,B65F1/14 (71)Name of Applicant : (31) Priority Document No :2009408 (71)Name of Applicant :

:NA

(32) Priority Date :03/09/2012(33) Name of priority country :Netherlands

(86) International Application No :PCT/NL2013/050632

Filing Date :02/09/2013 (87) International Publication No :WO 2014/035249

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application
Number

Number

Number

Number

Number

Number

Number

1)CTP INNOVATIONS B.V.
Address of Applicant :Oranjesingel 25, NL- 6511 NM

Nijmegen Netherlands (72)Name of Inventor:

1) GARLAND, Thomas Allan;

(57) Abstract:

Filing Date

The present invention concerns a waste disposal device (10) comprising a container (12) having a bottom (24), a circumferential wall (26), and a cover (16) closing the container opening. The cover (16) comprises a drum housing (58) and a drum body (78) pivotably connected to the cover (16). The waste disposal device (10) further comprises a flexible sealing member (64) connected to the drum housing (58) having a sealing part that extends radially inward from the connection part and which may be brought into sealingly contact with the external surface of the drum body (78) for sealing the container opening in a substantially odor- free manner. According to the invention, the end of the flexible sealing member (64) that is remote from the connection part is free from any connection to the drum housing (58) such that a freely movable free end of the flexible sealing member (64) is formed.

No. of Pages: 28 No. of Claims: 11

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR PRODUCING A FLAT STEEL PRODUCT HAVING HIGH REFLECTIVITY , FLAT STEEL PRODUCT, AND MIRROR ELEMENT FOR SOLAR CONCENTRATORS

(51) International classification :B21B1/28 (31) Priority Document No :10 2012 109 287.7 (32) Priority Date :28/09/2012 (33) Name of priority country :Germany (86) International Application No :PCT/EP2013/067701 :27/08/2013 Filing Date (87) International Publication No :WO 2014/048656 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)THYSSENKRUPP STEEL EUROPE AG

Address of Applicant : Kaiser- Wilhelm -Str. 100, 47166

Duisburg Germany

2)OUTOKUMPU NIROSTA GMBH

(72)Name of Inventor: 1)GLASS, Roman; 2)KARSTEN, Utz; 3)KAZMIERSKI, Jrg; 4)KOLBE, Nina;

5)KRAUTSCHICK, Hans-Joachim;

6)LANGE, Klaus, Manfred; 7)PULS, Stefan, Peter; 8)SCHAUER-PA,Janine; 9)SCHUHMACHER, Bernd; 10)WIEMER, Dirk; 11)W-RSTER, Frank;

(57) Abstract:

The invention relates to a method for producing a flat steel product having high reflectivity , the surfaces of which have an arithmetic mean roughness Ra less than 0.03 μ m, wherein flat steel product having an arithmetic mean roughness Ra < 2.5 μ m on at least one surface is cold -rolled in several rolling passes, the total deformation rate achieved by means of the cold rolling is 75 - 90%, the deformation rate decreases from rolling pass to rolling pass , the rolling pressure in the first rolling pass is 200 - 800 MPa and the rolling pressure in the last rolling pass is 1000 - 4000 MPa , a rolling oil having a viscosity of 5 - 10 mm/s at 40 °C is added during the cold rolling , the rolling speed is > 200 m/min, and the cold rolling is performed by means of a working roller having a mean roughness Ra < 0.01 μ m at least in the last rolling pass. Then the cold- rolled flat steel product is annealed under a protective gas atmosphere and rerolled dry. The invention further relates to a flat steel product produced accordingly and a solar concentrator produced from such a flat steel product.

No. of Pages: 27 No. of Claims: 15

(21) Application No.2602/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS AND APPARATUS FOR CONTENT DISTRIBUTION WITHIN A SUB-CELL IN A TELECOMMUNICATIONS SYSTEM

(51) International classification :H04W48/20,H04W84/04 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :SE- 164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor: :NA (86) International Application No :PCT/SE2012/051120 1)LUPINI, Lorenzo: Filing Date :19/10/2012 2) BELLESCHI, Marco; (87) International Publication No :WO 2014/088476 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

It is presented methods and apparatuses for content distribution in a telecommunication system. Exemplary embodiments disclosed herein relate to a method performed in a device (6) for distributing content to a user equipment (4) and a method performed in the user equipment (4) for receiving the content from the device (6), a method in a network node (2) for assigning resources and a network node (2). The device (6) is configured to send sub- cell broadcasts for distributing the content within a sub- cell, the sub-cell being a subset of a coverage area of the network node (2) to which the user equipment (4) is attached. The device (6) registers with the network node (2), informs the network node (2) of sub-cell broadcast capability, requests allocation of resources and distributes content to the user equipment (4). The network node (2), sends system information comprising information about available devices (6) within the coverage area of the network node (2), the type of content that is associated with each device (6) and the transmission resources allocated to each device (6). The user equipment (4) receives the system information and selects the type of content to receive and at least one associated device (6), to which a direct link is established using the allocated transmission resources, and then the selected type of content is received directly from the selected at least one device (6).

No. of Pages: 31 No. of Claims: 18

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYRINGE FIXING MECHANISM FOR SYRINGE PUMP

(51) International classification	:A61M5/145	(71)Name of Applicant:
(31) Priority Document No	:2012211555	1)NAMIKI SEIMITSU HOUSEKI KABUSHIKIKAISHA
(32) Priority Date	:25/09/2012	Address of Applicant :8- 22, Shinden 3- chome ,Adachi- ku,
(33) Name of priority country	:Japan	Tokyo 1238511 Japan
(86) International Application No	:PCT/JP2013/075866	2)NAMIKI PRECISION SINGAPORE PTE. LTD.
Filing Date	:25/09/2013	3)JMS CO. LTD.
(87) International Publication No	:WO 2014/050866	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HONDA Kenji
Number	:NA	2)ABE Yoshitaka
Filing Date	.IVA	3)SHIMA Noriyasu
(62) Divisional to Application Number	:NA	4)MORITA Kazuo
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to improve operability when attaching and detaching an outer circumferential portion and a flange portion of a syringe. The present invention is provided with: a mounting base (10) that includes a receiving surface (11); a clamp (20) that moves in a rotational motion along the receiving surface (11) between a clamped position at which the outer circumferential portion of a syringe (S) can be clamped and an unclamped position at which the outer circumferential portion of the syringe (S) cannot be clamped; a rotating cam (44) that is provided so as to move in association with the clamp (20) and rotate in two directions; and a clamping member (50) that moves toward and away from the mounting base (10) through engagement with the rotating cam (44). Through engagement with the rotating cam (44) moving in association with the rotation of the clamp (20) toward the clamped position side, the clamping member (50) moves toward the mounting base (10) such that a flange portion (f) of the syringe (S) is clamped in the thickness direction between the mounting base (10) and the clamping member (50), and through engagement with the rotating cam (44) moving in association with the rotation of the clamp (20) toward the unclamped position side, the clamping member (50) moves away from the mounting base (10) such that the flange portion (f) is released.

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

(21) Application No.2604/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HIGH GAIN ANTENNA WITH LOW DIRECTIONAL PREFERENCE

(51) International classification :H01Q1/00,H01Q1/24,H01Q1/40 (71)Name of Applicant: (31) Priority Document No 1)MANNAN, Michael :1215618.8 (32) Priority Date :03/09/2012 Address of Applicant: 15 Lapstone Gardens, Harrow HA3 (33) Name of priority country 0EB U.K. :U.K. (86) International Application (72)Name of Inventor: :PCT/GB2013/052305 No 1)MANNAN ,Michael :03/09/2013 Filing Date (87) International Publication No:WO 2014/033482 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

An antenna with a first pair of fed lands (3, 5) disposed on a first sheet of electrical insulating material in a first plane and a second pair of lands (11, 13) or a single second land disposed in a second plane is disclosed. The antenna provides a high gain with low directional preference.

No. of Pages: 14 No. of Claims: 37

:NA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLUOROPROPENE COMPOUNDS AND COMPOSITIONS AND METHODS USING 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 	:C09K 5/04 :61/247,816 :01/10/2009 :U.S.A. :PCT/US2010/050485 :28/09/2010 :WO 2011/041286 :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RAJIV R. SINGH 2)GARY KNOPECK 3)DAVID J. WILLIAMS
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(57) Abstract:

Various uses of fluorinated olefin having an MIR value of less than ethane, in combination with one or more other components, including other fluoroalkenes, hydrocarbons; hydrofluorocarbons (HFCs), ethers, alcohols, aldehydes, ketones, methyl formate, formic acid, water, trans-1,2-dichloroethylene, carbon dioxide and combinations of any two or more of these, in a variety of applications, including as blowing agents, are disclosed.

No. of Pages: 72 No. of Claims: 10

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SEMI- INSTANTANEOUS MICROWAVE INDUCED THERMO HEATER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H05B6/64 :NA :NA :NA	(71)Name of Applicant: 1)CORREA HIDALGO Diego Jose Address of Applicant: C/ Guisguey 32, E- 35600 Puerto del Rosario Fuerteventura Spain
(86) International Application No Filing Date	:PC1/ES2012/0/0686 :03/10/2012	(72)Name of Inventor: 1)GONZALEZ LPEZ-MENCHERO, Alvaro Luis;
(87) International Publication No	:WO 2014/053673	2)001/21222 22 22 1121/012109:11/410 2415,
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a thermo heater comprising: a glass store (1) provided with a lid (7), and magnetrons (3) supported by a belt or supporting frame (2) surrounding the store (1), allowing the continuous support of the magnetrons and the arrangement thereof inside the store (1), each magnetron being received on a primary exchanger (5) which is in turn, received on a main exchanger (6). A solenoid (8), a rod thermostat support, and the water inlets and outlets are arranged on the lid, and a mixing valve (20) is arranged below the lid, said mixing valve being connected to the lid by means of a controller (17) and actuated by means of a piston (15) connected to the solenoid. The mixing valve is a double-filter valve. The characteristics of the materials used enable almost instantaneous heating, a reduction in energy consumption and effective protection against the proliferation of colonies such as legionella.

No. of Pages: 30 No. of Claims: 11

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS FOR REQUESTING PARALLEL UPLINK WIRELESS SIGNAL MEASUREMENTS

:H04W24/10,G01S5/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/708264 (32) Priority Date Address of Applicant :S- 164 83 Stockholm Sweden :01/10/2012 (33) Name of priority country :U.S.A. (72)Name of Inventor: 1)SIOMINA, Iana; (86) International Application No :PCT/IB2013/059047 Filing Date :01/10/2013 2)KAZMI, Muhammad; (87) International Publication No :WO 2014/053998 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Systems, methods, and apparatuses are presented for requesting parallel uplink wireless signal measurements (UL measurements), in which a measurement management apparatus (120) determines information on UL measurements being performed or to be performed by a signal measuring apparatus (110a) over a predetermined measurement period. The measurement management apparatus (120) further determines a capability of the signal measuring apparatus (110a) to perform parallel measurements. The measurement management apparatus (120) determines an adjustment to a measurement configuration for the measuring apparatus (110a). The measurement configuration relates to, for example, a number of parallel measurements to perform. The adjustment is based on. a comparison of UL measurements being performed or to be performed by the measuring apparatus (110a) over a predetermined measurement period and the capability of the measuring apparatus (110a) to perform parallel measurements.

No. of Pages: 88 No. of Claims: 40

(21) Application No.2609/DELNP/2015 A

Address of Applicant: Patent Department, 3850 Hamlin Road,

1)BORGWARNER INC.

Auburn Hills, MI 48326 U.S.A.

(72)Name of Inventor:

1)KOENIG, Igor;

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: TURBINE WHEEL

(51) International classification: F02B37/00,F02B39/00,F01D5/12 (71) Name of Applicant:

:11/09/2013

(31) Priority Document No :102012018530.8 (32) Priority Date :19/09/2012

(33) Name of priority country :Germany

(86) International Application :PCT/US2013/059159

No Filing Date

(87) International Publication :WO 2014/046927

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract: The invention relates to a turbine wheel (4) having a hub (29); having a multiplicity of turbine wheel blades (30) arranged around the hub (29); having a turbine wheel back wall wall (31) which is arranged on the hub (29) adjacent to an edge region (32) of the turbine wheel blades (30); wherein the wall thickness (W) of the turbine wheel back wall (4) is reduced in regions.

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

(21) Application No.2762/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITE MATERIAL OF OPEN-CELL RIGID FOAM

(31) Priority Document No :10 (32) Priority Date :01 (33) Name of priority country :Ge (86) International Application No :PC Filing Date :30	0 2009 048 000.5 1/10/2009 Germany CT/EP2010/064531 0/09/2010 VO 2011/039298 JA JA	 (71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant: 51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)HUBERT EHBING 2)HANS-JURGEN LIEBIG
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(57) Abstract:

The present invention relates to a composite material, comprising a sandwich element (4) and a functional and/or decorative layer (3). The sandwich element (4) comprises at least one core layer (1), comprising an open-cell rigid foam, and at least one outer layer (2) located on each side of this core layer.

No. of Pages: 18 No. of Claims: 12

(21) Application No.2763/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: NOVEL COMPOUNDS

(51) International classification	:C07D 265/30	(71)Name of Applicant:
(31) Priority Document No	:61/246, 550	1)GLAXO GROUP LIMITED
(32) Priority Date	:29/09/2009	Address of Applicant :GLAXO WELLCOME HOUSE,
(33) Name of priority country	:U.S.A.	BERKELEY AVENUE, GREENFORD, MIDDLESEX UB6
(86) International Application No	:PCT/CN2010/001501	0NN, UNITED KINGDOM U.K.
Filing Date	:27/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/038572	1)PAUL BAMBOROUGH
(61) Patent of Addition to Application	:NA	2)ANDREW JOHN EATHERTON
Number	:NA	3)PAULA LOUISE NICHOLS
Filing Date	.IVA	4)KARAMJIT SINGH JANDU
(62) Divisional to Application Number	:NA	5)OLIVER JAMES PHILPS
Filing Date	:NA	6)DANIELE ANDREOTTI

(57) Abstract:

The present invention discloses novel compounds inhibiting LRRK2 kinase activity, the preparation processes thereof, the compositions containing them, as well as the use in treating diseases characterized by LRRK2 kinase activity, particu¬larly Parkinson's disease and Alzheimer's disease.

No. of Pages: 202 No. of Claims: 15

(21) Application No.10927/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/12/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: AN ELECTRICAL SYSTEM ADAPTED TO TRANSFER DATA AND POWER BETWEEN DEVICES ON A NETWORK

(51) International classification: H04L12/10, H04L12/40, H04B3/54 (71) Name of Applicant: (31) Priority Document No 1)FIBREPOINT LIMITED :1208964.5

(32) Priority Date :22/05/2012 Address of Applicant :116 Preston Road Yeovil Somerset

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

(86) International Application (72) Name of Inventor: :PCT/GB2013/000235

1)PETO Raymond :22/05/2013 Filing Date

(87) International Publication :WO 2013/175163

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

This invention relates to an electrical system which enables peripheral devices to communicate exclusively of other AC and power transceivers which provide to the electrical system and receive from the electrical system power and signals. The invention is an electrical system that comprises network channels (1000 2000) connected by circuits (100 200). Peripheral devices plugged into the network channels communicate with each other. AC and power transceivers connected to the circuits communicate with each other and distribute power through the network channels.

No. of Pages: 40 No. of Claims: 15

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: NON -PERIODIC TILING DOCUMENT SECURITY ELEMENT

 (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 	:B42D15/00 :12196020.7 :07/12/2012 :EPO :PCT/EP2013/072148 :23/10/2013 :WO 2014/086531 :NA :NA	(71)Name of Applicant: 1)SICPA HOLDING SA Address of Applicant: Avenue de Florissant 41, CH- 1008 Prilly Switzerland (72)Name of Inventor: 1)MULLER, Edgar;
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is related to a security element comprising, as an authentication and forgery- protection means, a 2-dimensional non- periodic, quasi -crystalline, tiling, said tiling being embodied in the form of a material or a material modification in or on said element. The present invention is also related to a document comprising said security element, the use of said security element as an authentication and forgery- protection means for a document, as well as to a method protecting a document against forgery, comprising a step of embodying a 2-dimensional non- periodic, quasi -crystalline tiling, in the form of a material or a material modification in or on a security element comprised by said document. The present invention is also related to a method for authenticating a document carrying a 2-dimensional non- periodic, quasi -crystalline tiling as an authenticating feature, comprising a step of calculating the Fourier Transform of an acquired image of said document or article and comparing the discrete parts of said Fourier Transform with the discrete Fourier Transform of a 2-dimensional non-periodic, quasi -crystalline tiling serving as the authenticating feature, hereby deriving an authenticity indication.

No. of Pages: 35 No. of Claims: 14

(21) Application No.2765/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITE CORES AND PANELS

(51) International classification	:B32B 23/00	(71)Name of Applicant :
(31) Priority Document No	:61/277,934	1)MILLIKEN & COMPANY
(32) Priority Date	:01/10/2009	Address of Applicant :920 MILLIKEN ROAD, M-149,
(33) Name of priority country	:U.S.A.	SPARTANBURG, SOUTH CAROLINA, 29303, USA U.S.A.
(86) International Application No	:PCT/US2010/002656	(72)Name of Inventor:
Filing Date	:30/09/2010	1)STEPHEN W. DAY
(87) International Publication No	:WO 2011/040970	2)MICHAEL S. SHEPPARD
(61) Patent of Addition to Application	:NA	3)FREDERICK STOLL
Number	:NA	4)DANNY TILTON
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The plurality of pieces of low density cellular material, such as foam plastics, form a core panel having opposite side surfaces and with adjacent pieces having opposing edge surfaces extending between the side surfaces. Sheets of flexible material, such as veils or matts or scrim, are adhesively attached to the side surfaces, and portions of one sheet extend between the opposing adjacent edge surfaces for limiting flexing of the panel. The pieces may be tapered, and portions of the one sheet may project between the edge surfaces either partially or fully to form double wall webs. The webs may have flanges adhesively attached to the other sheet on the opposite side. One sheet may also be stretchable in areas not adhesively attached to the pieces to provide for curving the panel from a planar position maintained by the sheet on the opposite side.

No. of Pages: 21 No. of Claims: 16

(21) Application No.2766/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ACTRIIB ANTAGONISTS AND DOSING AND USES 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 	:A61P 19/08 :61/276,287 :09/09/2009 :U.S.A. :PCT/US2010/048322 :09/09/2010 :WO 2011/031901 :NA :NA :NA	(71)Name of Applicant: 1)ACCELERON PHARMA, INC. Address of Applicant: 128 SIDNEY STREET, CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JASBIR SEEHRA 2)JOHN KNOPF 3)KEN ATTIE
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(57) Abstract:

In certain aspects, the present invention provides compositions and methods for promoting bone growth and increasing bone density, as well as for the treatment of multiple myeloma. Methods for dosing a patient with an ActRIIb antagonist are also provided.

No. of Pages: 118 No. of Claims: 52

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : WAVELENGTH- SELECTIVE PHOTOVOLTAIC FOR A DISPLAY OR FOR A DEVICE WITH A DISPLAY

 (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 	:H01L31/042 :61/708389 :01/10/2012 :U.S.A. :PCT/US2013/062911 :01/10/2013 :WO 2014/055549 :NA :NA :NA	(71)Name of Applicant: 1)UBIQUITOUS ENERGY, INC. Address of Applicant: 350 3rd Street, #2002, Cambridge, Massachusetts 02142 U.S.A. (72)Name of Inventor: 1)BARR, Miles C; 2)SALVAS, Ryan; 3)HOWE,Bart Anson; 4)LUNT, Richard Royal; 5)BULOVIC, Vladimir;
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(57) Abstract:

Described herein is an apparatus and method used to provide power or photovoltaic functionality to a display or device containing a display without impacting the visual perception of the display. The wavelength -selective photovoltaic (WPV) element is visibly transparent , in that it absorbs selectively around the visible emission (or reflection) peaks generated by the display. The photovoltaic material is able to cover a portion or the entire surface area of the display , without substantially blocking or perceptually impacting the emission (or reflection) of content from the display. The incident light that is absorbed by the photovoltaic element is then converted into electrical energy to provide power to the device , for example.

No. of Pages: 47 No. of Claims: 43

(21) Application No.2772/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : RECYCLING METHOD AND DEVICE FOR RECYCLING WASTE WATER CONTAINING SLURRY FROM A SEMI-CONDUCTOR TREATMENT PROCESS, IN PARTICULAR FROM A CHEMICO-MECHANICAL POLISHING PROCESS

(51) International classification	:B01D 61/16	(71)Name of Applicant:
(31) Priority Document No	:10 2009 044 204.9	1)HIGHQ-FACTORY GMBH
(32) Priority Date	:08/10/2009	Address of Applicant :SCHWABACHER STRASSE 10,
(33) Name of priority country	:Germany	01665 KLIPPHAUSEN, GERMANY Germany
(86) International Application No	:PCT/DE2010/075106	(72)Name of Inventor:
Filing Date	:06/10/2010	1)FRANZ BRUMMER
(87) International Publication No	:WO 2011/042017	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The invention relates to a recycling method and to a recycling device for recycling waste water containing slurry from a semi-conductor treatment process, in particular from a chemico-mechanical polishing process. Said method consists of the following steps: a filtration step in which waste water containing the fresh slurry is continuously introduced into a circulation tank (10), during which time the mixed waste water is continuously extracted from the circulation tank (10), the extracted waste water is guided through an ultra filter device (20) and is concentrated by removing the fluid to form concentrated waste water and the concentrated waste water is introduced into the circulation tank (10) and mixed with the contents of the circulation tank (10) in order to obtain the mixed waste water; and a concentration step which follows the filtration step in which the addition of fresh waste water to the circulation tank (10) is prevented or essentially stopped when the mixed waste water is continuously extracted from the circulation tank (10), said extracted mixed water waster being introduced through the ultra filter device (20) and is concentrated by removing the fluid to form concentrated waste water and the concentrated waste water is introduced into the Circulation tank (10).

No. of Pages: 28 No. of Claims: 12

(22) Date of filing of Application :30/03/2012

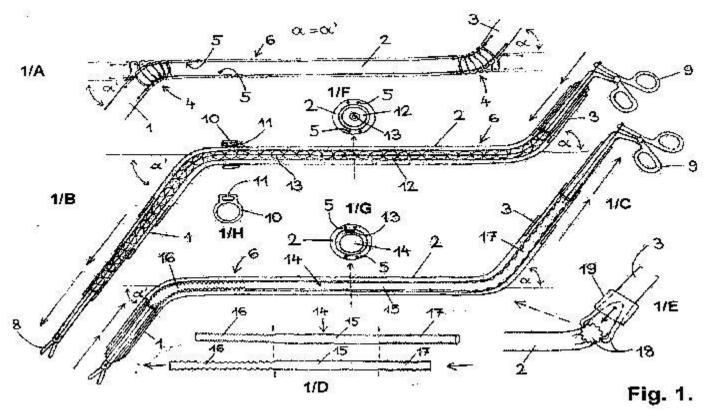
(43) Publication Date: 18/09/2015

(54) Title of the invention: SURGICAL DEVICE AND ACCESSORIES

 (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 	:02/09/2010 :WO 2011/027183 :NA :NA	(71)Name of Applicant: 1)CSIKY LASZLO Address of Applicant: HUSZAR U. 6. H-2096 UROM, HUNGARY Hungary (72)Name of Inventor: 1)CSIKY LASZLO 2)EMD KFT.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a device developed for surgical interventions comprising (i) an inner end (1) guidable/steerable to the operation field, (ii) an outer end (3) operated by the user and (iii) a middle part (2) which connects both ends (1, 3) together. According to the main concept of the present invention, it further comprises force transmission units extending between the outer (3) and the inner (1) ends, and said force transmission units, the outer and the inner ends and the middle part (2) are designed to transfer the movements of the outer end (3) to the inner end (1) in an identical measure, as if the inner end (1) were the straight continuation of the outer end (3).



No. of Pages: 93 No. of Claims: 66

(21) Application No.2774/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : PRESSURE SPIKE REDUCTION FOR REFRIGERANT SYSTEMS INCORPORATING A MICROCHANNEL HEAT EXCHANGER

 (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 	:14/10/2010 :WO 2011/056371 :NA :NA :NA	(71)Name of Applicant: 1)CARRIER CORPORATION Address of Applicant: ONE CARRIER PLACE, FARMINGTON, CT 06034, USA U.S.A. (72)Name of Inventor: 1)TARAS MICHAEL F. 2)LIFSON ALEXANDER
Filing Date	:NA	

(57) Abstract:

A refrigerant system includes at least one compressor that compresses refrigerant and delivers it downstream to a heat rejection heat exchanger. The heat rejection heat exchanger is a microchannel heat exchanger. Refrigerant passes from the heat rejection heat exchanger downstream to an expansion device, from the expansion device through an evaporator, and from the evaporator back to the at least one compressor. A control operates at least one compressor and the expansion device to reduce pressure spikes at transient conditions.

No. of Pages: 15 No. of Claims: 20

(21) Application No.2619/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: PRECURSOR OF ELECTRODE ACTIVE MATERIAL COATED WITH METAL AND METHOD FOR PREPARING SAME

(51) International :H01M4/13,H01M4/505,H01M4/525 classification

(31) Priority Document No :1020120134343

(32) Priority Date :26/11/2012

(33) Name of priority

:Republic of Korea country

(86) International Application No

:PCT/KR2013/010794 :26/11/2013

Filing Date (87) International

:WO 2014/081269 Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)LG CHEM LTD.

Address of Applicant: 128 Yeoui daero Youngdungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor: 1)DAE JIN LEE 2)J00 HONG JIN

3)WOO YEON KONG 4)SUN SK SHIN

5)WANG MO JUNG

(57) Abstract:

The present invention relates to a precursor of an electrode active material and to a method for preparing same wherein the precursor of an electrode active material is for lithium secondary batteries and is characterized in that the surface of a first precursor consisting of a transition metal hydride is homogeneously coated with a metal material which can be ionized by means of electrolysis.

No. of Pages: 24 No. of Claims: 18

(21) Application No.2620/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYNCHRONOUS BELT SPROCKET AND SYSTEM

(51) International

:F16H55/30,F16H55/36,F16H55/40

classification (31) Priority Document No

:13/653832

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

:17/10/2012

(86) International Application

:PCT/US2013/065272

:16/10/2013

:NA

Filing Date (87) International Publication

:WO 2014/062823

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA (62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1)THE GATES CORPORATION

Address of Applicant: (a Delaware corporation), 1551 Wewatta Street, IP Law Dept. 10- A3, Denver, Colorado 80202

U.S.A.

(72) Name of Inventor:

1)YUAN, Jing;

2)PARNELL, Robert David;

3)CLARKE, Arthur;

(57) Abstract:

A sprocket system comprising a first sprocket (100) comprising a plurality of transverse first teeth (101) extending parallel to an axis of rotation (A-A) and having a first pitch (P1), the first sprocket further comprising a plurality of transverse second teeth (102) having a second pitch (P2) and disposed immediately adjacent the first teeth the second teeth parallel to the first teeth a tooth of said first teeth aligned with a radius (A) of said first sprocket, a tooth of said second teeth offset a distance (x) from said radius (A), wherein (x) is greater than zero, a second sprocket (200), and a toothed belt (300) entrained between the first sprocket and the second sprocket.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : ALKALINE EARTH METAL SILICATE LUMINOPHORES AND METHOD FOR IMPROVING THE LONG-TERM STABILITY THEREOF

(31) Priority Document No :10 2009 044 255.3 1 (32) Priority Date :15/10/2009 :33) Name of priority country :Germany 98: (72 PCT/EP2010/065380) (86) International Application No :PCT/EP2010/065380 (72 PCT/EP2010/065380) 1 (87) International Publication No :WO 2011/045359 2 (61) Patent of Addition to Application Number :NA 3	71)Name of Applicant: 1)LEUCHTSTOFFWERK BREITUNGEN GMBH Address of Applicant:LANGE SOMME 17, BREITUNGEN, 08597, GERMANY Germany 72)Name of Inventor: 1)KEMPFERT WOLFGANG 2)ROSLER SYLKE 3)ROSLER SVEN 4)DUAN CHENG-JUN 5)DENNSTEDT RUDOLF
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(57) Abstract:

The present invention relates to alkaline earth metal silicate luminophores having improved long-term stability and to a corresponding method for improving the long-term stability of alkaline earth metal silicate luminophores. The luminophore according to the invention is a luminophore comprising a base lattice according to the general chemical formula EAxSiyOz, where x, y, z > 0. The component EA is formed by one or more alkaline earth metals. An activator, for example Eu2+ or Mn2+, is doped into the base lattice. The luminophore has the fundamental property to absorb radiation in a first wavelength range and emit radiation in a second wavelength range that is different from the first wavelength range. The luminophore is designed in the form of crystals. According to the invention, the surfaces of the crystals of the luminophore are chemically modified such that at least portions of the surfaces thereof are formed by a chemical compound of the general formula EauZ2. The component Z is formed by anions, which can be chemically combined with the EA cations of the luminophore. The variable u is equal to an ion charge of the anions Z. The chemical modification is therefore not a coating.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

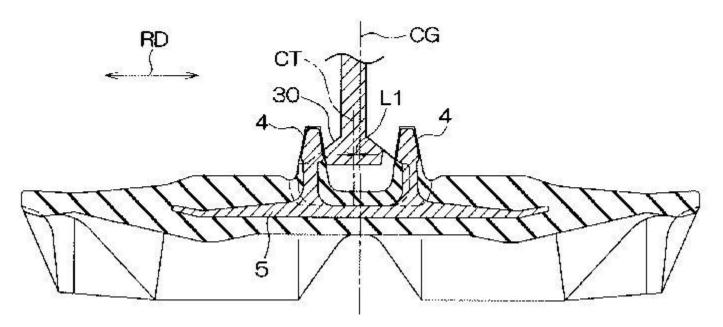
(54) Title of the invention: SPROCKET, AND RUBBER CRAWLER INSTALLATION PROVIDED THEREWITH

 (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 	:01/10/2010 :WO 2011/040606 :NA :NA :NA	(71)Name of Applicant: 1)BRIDGESTONE CORPORATION Address of Applicant:10-1, KYOBASHI 1-CHOME, CHUO-KU, OKYO 104-8340, JAPAN Japan (72)Name of Inventor: 1)ABIKI YUTAKA
Filing Date	:NA	

(57) Abstract:

A sprocket in which relative movement distance between the sprocket and the rubber crawler in the sprocket thickness direction can be set within a restriction range and a rubber crawler installation provided with the same. A sprocket 100 is provided with tooth portions 101 that transmit drive force to a rubber crawler 101 by engaging with the rubber crawler inner peripheral side, and restricting portions 30 that restrict the relative movement distance of the rubber crawler with respect to the sprocket in the sprocket thickness direction. The restricting portion 30 restricts the relative movement distance by contacting projection portions 4 that extend towards the rubber crawler inner peripheral side from the rubber crawler width direction inner side.

FIG.5



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

(21) Application No.10985/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: STABLE FORMULATIONS FOR PARENTERAL INJECTION OF SMALL MOLECULE DRUGS

(51) International classification :A61K9/00,A61K47/10,A61K47/14

(31) Priority Document No :61/665021 (32) Priority Date :27/06/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/048293

No :27/06/2013

Filing Date :27/06/201

(87) International Publication :WO 2014/004895

(61) Patent of Addition to :NA

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71) Name of Applicant:

1)XERIS PHARMACEUTICALS INC.

Address of Applicant :3935 W. Breaker Lance Third Floor

Austin TX 78759 U.S.A. (72)Name of Inventor:

1)PRESTRELSKI Steven J.

2)SCOTT Nancy

(57) Abstract:

Disclosed is a stable liquid formulation for parenteral injection comprising a biocompatible non aqueous solvent and a small molecule drug or a salt thereof solubilized within the non aqueous solvent wherein the liquid formulation comprises less than 10% by weight residual water and wherein the volume of the liquid formulation to be parenterally injected is from 0.1 µl to 3 ml.

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

(21) Application No.2626/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS

(51) International classification :C01B3/38,C01B3/48,C10G2/00 (71)Name of Applicant : (31) Priority Document No :PCT/EP2012/070133

(32) Priority Date :11/10/2012

(33) Name of priority country :EPO

(86) International Application No: PCT/EP2013/071113

Filing Date :10/10/2013 (87) International Publication No: WO 2014/057013

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)HALDOR TOPS E A/S

Address of Applicant : Nym llevej 55, DK -2800 Kgs. Lyngby

Denmark

(72) Name of Inventor:

1)DYBKJER, lb;

2)MABROUK, Rachid;

3)BERG-PETERSEN, Kim;

4)SCHJ0DT, Christian Niels;

(57) Abstract:

The invention relates to a process for the production of synthesis gas from tail gas including autothermal reforming and shifting a portion of autothermally reformed process gas in order to produce a product stream of synthesis gas richer in carbon monoxide.

No. of Pages: 33 No. of Claims: 11

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HOT-ROLLED STEEL SHEET AND METHOD FOR PRODUCING SAME

(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	NA NA NA PCT/IP2012/082952	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, Marunouchi 2- chome, Chiyoda- ku, Tokyo 1008071 Japan (72)Name of Inventor: 1)TAKESHI TOYODA 2)TAKEHIRO TAKAHASHI 3)TAKESHI IMAI 4)TAKESHI YAMAMOTO
Number	NA NA	

(57) Abstract:

A hot -rolled steel sheet which comprises , in mass% , more than 0.050% and 0.10% or less of C, 0.1 to 2.0% of Si , 1.0 to 3.0% of Mn , 0.1% or less of P , 0.01% or less of S, 0.005 to 0.05% of Al , 0.01% or less of N , 0.10 to 0.20% of Ti, 0 to 0.06% of Nb , 0 to 0.03% of B, 0 to 0.005% of Ca and a remainder made up by Fe and impurities , and has an average crystal particle diameter of 7.0 μm or less, an X- ray random intensity ratio in the [211] <011> orientation , which is parallel to a rolled surface and is also parallel to the rolling direction , of 2.5 or less, and a tensile strength of 900 MPa or more.

No. of Pages: 36 No. of Claims: 8

(22) Date of filing of Application :30/03/2012

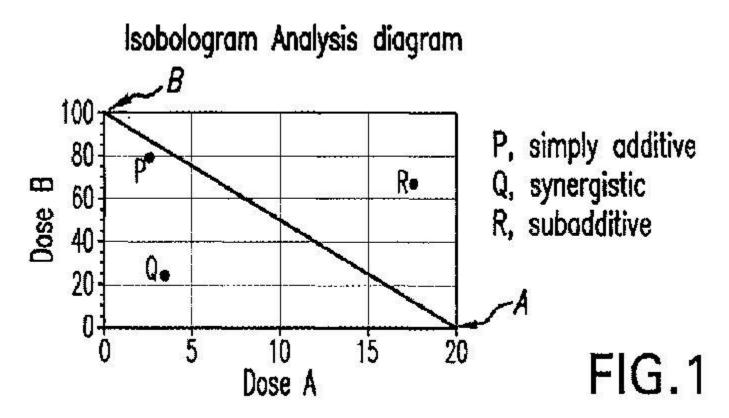
(43) Publication Date: 18/09/2015

(54) Title of the invention : COMBINATION THERAPY USING A BETA 3 ADRENERGIC RECEPTOR AGONIST AND AN ANTIMUSCARINIC AGENT

(51) International classification(31) Priority Document No(32) Priority Date	:A01N 57/00 :61/249,386 :07/10/2009	(71)Name of Applicant: 1)MERCK SHARP & DOHME CORP. Address of Applicant: 126 EAST LINCOLN AVENUE,
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/050328	RAHWAY,NEW JERSEY 07065-0907, UNITED STATES OF AMERICA U.S.A.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:27/09/2010 :WO 2011/043942 :NA :NA	(72)Name of Inventor: 1)NAGABUKURO, HIROSHI 2)EDMONDSON, SCOTT, D. 3)SINHAROY, MARY, STRUTHERS 4)DENNEY, WILLIAM, S.
(62) Divisional to Application Number Filing Date	:NA :NA	5)FRENKL, TARA, L.

(57) Abstract:

Described herein is an improved method of treating overactive bladder, wherein the method comprises administering to a patient in need thereof a beta 3 adrenergic receptor agonist, an antimuscarinic agent, and an optional selective M2 antagonist. Such combination therapy provides improved efficacy and/or reduced side effects.



No. of Pages: 69 No. of Claims: 20

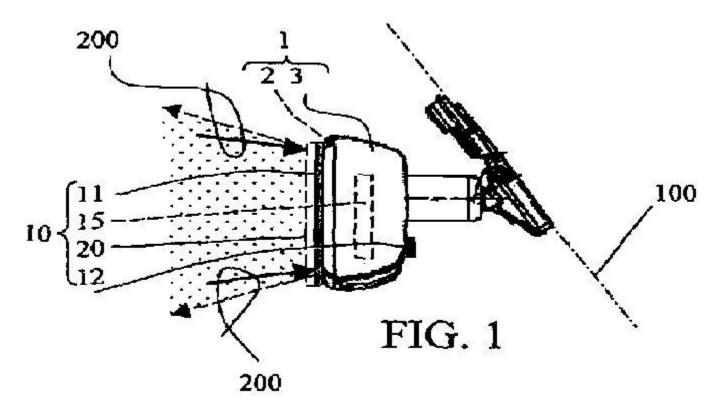
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVEMENT TO INTERNAL REARVIEW MIRROR

 (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 	:PI 0903282-7 :04/09/2009 :Brazil :PCT/BR2010/000287 :27/08/2010 :WO 2011/026205 :NA :NA	(71)Name of Applicant: 1)METAGAL INDUSTRIA E COMERCIO LTDA Address of Applicant: RODOVIA BR 459-KM 121-NR. 333, CEP 37540-000-SANTA RITA DO SAPUCAI, ESTADO DE MINAS GENRAIS BRAZIL Brazil (72)Name of Inventor: 1)MIYABUKURO, PEDRO TAKASHI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present abstract relates to a patent of invention for an interior rearview mirror system pertaining to the field of motor vehicle accessories comprising: a flat mirror plate (2); a frame and support assembly (3) containing the flat mirror plate (2) and which is mounted in a suitable location in the vehicle (100); and occasionally associated with other devices, such as: courtesy light, position adjustment mechanism; entertainment devices, such as television sets, DVD players, image sensors; said interior rearview mirror (1) incorporating an automatic anti-dazzle system (10) essentially comprised by: an OLED film (11) overlying the entire surface of the flat mirror (2) associated with an assembly consisting of: a sensor (12) which senses day and night; a light sensor (13) which senses headlight coming from behind; an on-off button (14) and a processing circuit (15).



No. of Pages: 13 No. of Claims: 6

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ORGANIC VAPOR JET PRINTING DEVICE WITH A CHILLER PLATE

 (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 	:C23C 14/12 :61/239,656 :03/09/2009 :U.S.A. :PCT/US2010/047625 :02/09/2010 :WO 2011/028867 :NA :NA	(71)Name of Applicant: 1)UNIVERSAL DISPLAY CORPORATION Address of Applicant: 375 PHILLIPS BOULEVARD, EWING, NEW JERSEY 08618, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BURROWS, PAUL E. 2)MOHAN, SIDDHARTH HARIKRISHNA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device is provided. The device includes a nozzle (310), a source of carrier gas and a source of organic molecules in fluid communication with the nozzle. The device also includes an active cooling system (322) disposed adjacent to the nozzle. Preferably, the device also includes a chamber, wherein the nozzle, and the active cooling system are disposed within the chamber. A substrate holder may also be disposed within the chamber, adapted to support a substrate beneath the nozzle, movable relative to the nozzle. Preferably, a substrate is held by the substrate holder, the substrate disposed at a distance of 0.1 to 10 mm from the active cooling system. Preferably, the device also includes a heating system (350) attached to the nozzle. The points at which the heating system are attached to the nozzle preferably includes at least one point that is zero to 5 mm from the tip of the nozzle.

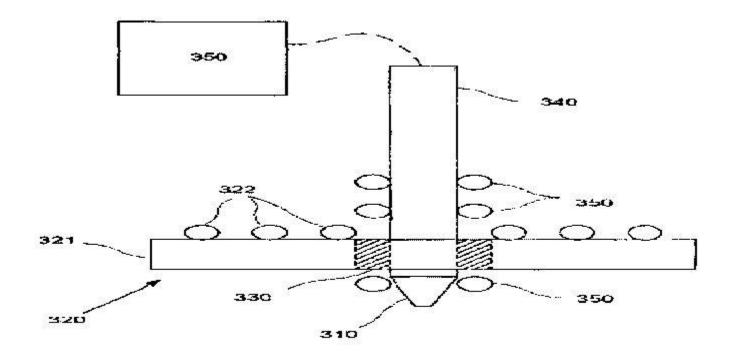


FIGURE 3

No. of Pages: 32 No. of Claims: 23

(21) Application No.2596/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: FRAGRANCE COMPOSITION

(51) International classification :A61K8/35,A61Q5/02,A61Q13/00 (71)Name of Applicant: (31) Priority Document No :2012219613

(32) Priority Date :01/10/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/076580 :30/09/2013

Filing Date

(87) International Publication :WO 2014/054589

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)TAKASAGO INTERNATIONAL CORPORATION Address of Applicant: 37-1, Kamata 5 -chome, Ota -ku

Tokyo 1448721 Japan,

(72)Name of Inventor: 1)MATSUDA Hiroyuki 2) HAKAMATA Tomohiko 3)UJIHARA Hideo

4)ITO Hiroki

(57) Abstract:

The present invention relates to: a fragrance composition containing (3S)- (6E)- 2, 3 -dihydrofarnesal having a chemical purity of 90 mass% or more and an optical purity of 50 %e.e. or more; a cosmetic product containing the fragrance composition; and a method for improving an aroma using the fragrance composition.

No. of Pages: 35 No. of Claims: 6

(21) Application No.2748/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SECURITY DEVICE

(51) International classification	:B42D 15/00	(71)Name of Applicant:
(31) Priority Document No	:0919112.3	1)DE LA RUE INTERNATIONAL LIMITED
(32) Priority Date	:30/10/2009	Address of Applicant :DE LA RUE HOUSE, JAYS CLOSE,
(33) Name of priority country	:U.K.	VIABLES, BASINGSTOKE, HAMPSHIRE RG22 4BS,
(86) International Application No	:PCT/GB2010/001993	UNITED KINGDOM U.K.
Filing Date	:27/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/051668	1)HOLMES, BRIAN WILLIAM
(61) Patent of Addition to Application	:NA	2)COMMANDER, LAWRENCE GEORGE
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A security device has a lenticular device comprising an array of lenticular focusing elements (2) located over a corresponding array of pairs of image strips (A,B) such that, in a first viewing direction, a first image strip (A) from each pair is viewed by respective ones of the lenticular focusing elements (2) and, in a second viewing direction, different from the first, a second image strip (B) from each pair is viewed by respective ones of the lenticular focusing elements (2). One (A) of each pair of image strips has portions defining a first image in a first colour and a second image in a second colour respectively, and the other (B) of each pair of image strips has portions defining the first image in the second colour and the second image in the first colour respectively, whereby on tilting the device, a colour switch is observed between the first and second images.

No. of Pages: 71 No. of Claims: 46

(22) Date of filing of Application :30/03/2012

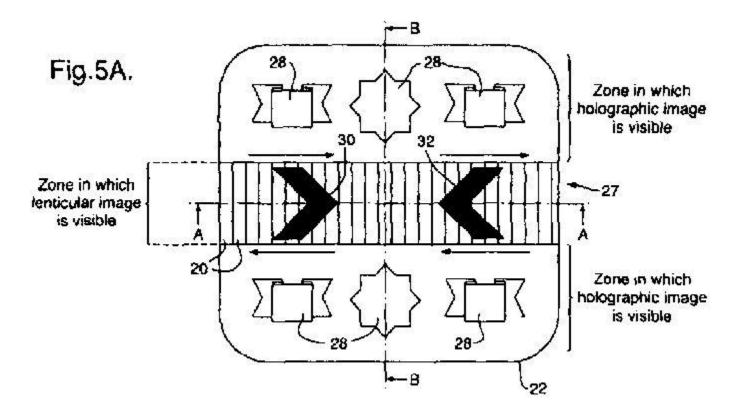
(43) Publication Date: 18/09/2015

(54) Title of the invention: SECURITY DEVICE AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:B42D 15/00	(71)Name of Applicant:
(31) Priority Document No	:0919108.1	1)DE LA RUE INTERNATIONAL LIMITED
(32) Priority Date	:30/10/2009	Address of Applicant :DE LA RUE HOUSE, JAYS CLOSE,
(33) Name of priority country	:U.K.	VIABLES, BASINGSTOKE, HAMPSHIRE RG22 4BS,
(86) International Application No	:PCT/GB2010/001995	UNITED KINGDOM U.K.
Filing Date	:27/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/051670	1)HOLMES, BRIAN WILLIAM
(61) Patent of Addition to Application	:NA	2)COMMANDER, LAWRENCE GEORGE
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A security device having a lenticular device (27) comprising an array of lenticular focusing elements (20) located over a corresponding array of sets of image strips such that at different viewing directions, a corresponding image strip from each set is viewed via respective ones of the lenticular focusing elements wherein the image strips are defined at least in part by a relief structure.



No. of Pages: 54 No. of Claims: 37

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS FOR MAKING CONJUGATES FROM DISULFIDE -CONTAINING PROTEINS

 (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 	:A61K47/48 :61/731852 :30/11/2012 :U.S.A. :PCT/IB2013/060427 :26/11/2013 :WO 2014/083505 :NA :NA	(71)Name of Applicant: 1)NOVARTIS AG Address of Applicant: Lichtstrasse 35, CH- 4056 Basel Switzerland (72)Name of Inventor: 1)HU, Qi -Ying 2)IMASE, Hidetomo
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention provides methods to prepare protein conjugates from proteins having at least two cysteines. In one embodiment, a protein with a disulfide linkage is reduced to provide two free cysteines for reaction with a 1,3-dihaloacetone or similar reactant, linking the sulfur atoms of the two cysteines together. The ketone inserted between the sulfur atoms is then used to form a Schiff base to an aminated payload molecule, thus conjugating the protein to a payload. In another embodiment, two cysteine residues are tied together by reaction with a 1, 3-dihaloacetone or similar reactant. The linkage between the sulfur atoms in each case holds the protein or peptide in a constrained conformation, while also providing a convenient place for attaching a payload with good specificity and efficiency.

No. of Pages: 69 No. of Claims: 27

(21) Application No.2914/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND DEVICE FOR TRANSPORTING FLAT WORKPIECES

(51) International :B31B1/08,B65G47/53,B65G47/88 classification

:WO 2014/044535

(31) Priority Document No :12185672.8 (32) Priority Date :24/09/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/068311

:04/09/2013 Filing Date

(87) International Publication

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)STARLINGER & CO GESELLSCHAFT M.B.H.

Address of Applicant: Sonnenuhrgasse 4, A -1060 Wien

Austria

(72) Name of Inventor:

1) GRABENWEGER, David;

(57) Abstract:

The invention relates to a method and a device for transporting flat workpieces (20, 21, 21), in particular tubular bag bodies. The workpieces (20, 21, 21) are transported in a longitudinal transport direction (x) into a working region (3) such that the workpieces are arranged one behind the other individually or in a connected manner. A cutting device is provided in the working region (3). The workpieces (20, 21, 21) are removed from the working region (3) in a transverse transport direction (y) oriented orthogonally to the longitudinal transport direction. At least one workpiece holder (16, 26) which extends in the transverse transport direction (y) across the workpiece width is arranged in the working region (3), and the holder can be adjusted between a holding position and an open position in order to temporarily retain a workpiece (20, 21, 21) which can be found in the working chamber (3). The at least one workpiece holder (16, 26) comprises at least two holding portions (16a, 16b, 26a) which are offset relative to each other with respect to the transverse transport direction (y) and which can be brought from the open position into the holding position in a successive manner from the rear to the front when seen in the transverse transport direction (y).

No. of Pages: 22 No. of Claims: 15

(21) Application No.2597/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A PANEL SUPPORT BRACKET

(31) Priority Document No	:E04G11/48,E04G17/16,E04B1/35 :2012903915	1)FORM 700 PTY LTD
(32) Priority Date	:07/09/2012	Address of Applicant :68- 76 Drake Boulevard, Altona ,VIC
(33) Name of priority country	:Australia	3018 Australia
(86) International Application No Filing Date	:PCT/AU2013/001002 :06/09/2013	(72)Name of Inventor: 1)ROSATI ,Emilio
(87) International Publication No	:WO 2014/036601	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a positioning apparatus for an upright panel of a building, the apparatus comprising a base adapted to depend from a structure associated with the building or construction thereof, a support for an edge of the panel, and a positional adjustment means depending from the base which provides for positional adjustment of the support relative to the base. A system for positioning a precast panel which incorporates the apparatus, along with methods for using the apparatus and method are also disclosed.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ANCHORING DEVICES FOR RAIL FASTENING CLIPS

(51) International classification	:E01B9/30	(71)Name of Applicant:
(31) Priority Document No	:2012903815	1)PANDROL AUSTRALIA PTY LTD
(32) Priority Date	:31/08/2012	Address of Applicant :1 Schumacher Road, Wingfield, South
(33) Name of priority country	:Australia	Australia 5013 Australia
(86) International Application No	:PCT/AU2013/000979	(72)Name of Inventor:
Filing Date	:30/08/2013	1)HARKNESS, Steven
(87) International Publication No	:WO 2014/032114	2)KEAST ,Brenton
(61) Patent of Addition to Application	:NA	3)BARTHRAM ,Pierre
Number	:NA	4)NEVIDAL ,Jozef
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to an anchoring device for use in retaining a railway rail fastening clip, the device comprising a stem for embedding in a rail support member, a head extending from the stem and comprising a generally hook-shaped portion for extending over a portion of the clip to effect retention and terminating at an end apart from the stem, and wherein in use said end terminates at a sealing plate for bridging the end of the hook-shaped portion and the stem. An associated anchoring device assembly and railway rail fastening assembly are also disclosed.

No. of Pages: 17 No. of Claims: 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2750/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISPOSABLE SINGLE USE BEVERAGE PACKAGE

 (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 	:A47G 19/22 :61/246,796 :29/09/2009 :U.S.A. :PCT/US2010/050505 :28/09/2010 :WO 2011/041295 :NA :NA	(71)Name of Applicant: 1)LBP MANUFACTURING, INC. Address of Applicant:1325 S. CICERO AVENUE, CICERO, IL 60804, USA U.S.A. (72)Name of Inventor: 1)COOK, MATTHEW, R. 2)FU, THOMAS, Z.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A disposable single use beverage package is disclosed. The package may include an impermeable barrier surrounding a permeable single walled basket. The permeable basket may include a frame and a filter. The permeable basket may also include a lid. The permeable basket may be provided preloaded with beverage grounds or may be loaded with beverage grounds during use. The beverage packet may be manufactured of materials that are biodegradable, compostable, or otherwise environmentally friendly.

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

(21) Application No.2751/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

$(54) \ Title \ of the \ invention: PROCESS \ FOR \ PREPARING \ OF \ GLUCOPYRANOSYL-SUBSTITUTED \ BENZYL-BENZENE \ DERIVATIVES$

 (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 Filing Date 	:C07C :61/247,144 :30/09/2009 :U.S.A. :PCT/EP2010/064120 :24/09/2010 :WO 2010/039108 :NA :NA :NA	(71)Name of Applicant: 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant: BINGER STRASSE 173, 55216 INGELHEIM AM RHEIN, GERMANY Germany (72)Name of Inventor: 1)DIRK WEBER 2)TOBIAS FIEDLER 3)CHRISTIAN FILSER 4)RAINER HAMM 5)SIMONE ORLICH 6)MATTHIAS POST 7)SVENJA RENNER 8)XIAO-JUN WANG 9)THOMAS WIRTH
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(57) Abstract:

The present invention relates to processes for preparing a glucopyranosyi-substituted benzyl-benzene derivative of general formula III, wherein R1 is defined according to claim 1.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: CONVEYOR BELT HAVING BIDIRECTIONAL STACKED ROLLERS

(51) International :B65G39/20,B65G15/30,B65G13/06 classification

(31) Priority Document No :61/708664 (32) Priority Date :02/10/2012

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

(86) International :PCT/US2013/061515 Application No

:25/09/2013 Filing Date

(87) International Publication :WO 2014/055296

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71) Name of Applicant: 1)LAITRAM,L.L.C.

Address of Applicant: Legal Department, 200 Laitram Lane,

Harahan .Louisiana 70123 U.S.A.

(72)Name of Inventor:

1)COSTANZO, Mark; 2)SCATES, Dennis K.; 3) MYERS, David H.;

4)MCCALL, JR., Glenn R.;

5)FOURNEY, Matthew L.;

(57) Abstract:

A conveyor belt and a belt module having multiple roller sets, each roller set including a bottom roller in contact with an axially elongated top roller. Driving the bottom roller in a first direction causes rotation of the top roller in an opposite angular direction. The bottom rollers in first longitudinal lanes are arranged to rotate obliquely toward one side of the belt, and the bottom rollers in second lanes are arranged to rotate toward the other side of the belt. Either the first lanes of roller sets or the second lanes can be selectively actuated to direct articles conveyed atop the top rollers rearward and toward one side of the belt or the other or to receive articles fed onto the belt from either side.

No. of Pages: 45 No. of Claims: 35

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: POWER METER CONFIGURED FOR REAR AND SIDE EXPANSION

(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	:G01R11/04,G01R1/04,H02B1/03 :NA :NA :NA :PCT/US2012/057910 :28/09/2012 :WO 2014/051619 :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC USA INC. Address of Applicant:1415 S. Roselle Road, Palatine, Illinois 60067 U.S.A. (72)Name of Inventor: 1)HARDING, Stewart John 2)MARR, Darrin Graham 3)SLADE, Colin Murray 4)RICCI, Marc Alan 5)HANKE, David Andrew
Number	:NA :NA	

(57) Abstract:

An intelligent electronic device (100) for metering a characteristic of electricity that has a rear opening (214) and a side opening (216) in a housing of the device for accepting a connector of an expansion module through one or the other opening. The device can be configured with an integrated display module (120) that protrudes through a panel of an enclosure, and in this configuration, the expansion module connects to the device through the rear opening of the housing. The device can also be configured to be mounted on a DIN rail , and in this configuration , the expansion module connects through the side opening of the housing. The same module can be used in either configuration , without requiring that different versions of the module be made for the different configurations and without having to mount the device in an awkward orientation that makes it difficult to access external connections around the housing.

No. of Pages: 22 No. of Claims: 18

(21) Application No.2599/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: NOVEL 2-SUBSTITUTED 4-SUBSTITUTED 1, 3-OXATHIOLANES 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 	:2007905335 :28/09/2007 :Australia :PCT/AU2008/001433 :26/09/2008 : NA :NA	(71)Name of Applicant: 1)AVEXA LIMITED Address of Applicant : of 576 Swan Street, Richmond, Victoria 3121, AUSTRALIA Australia (72)Name of Inventor: 1)EPA, WIDANAGAMAGE RUWANSIRI 2)MARCUCCIO, SEBASTIAN MARIO 3)DEADMAN, JOHN JOSEPH
(62) Divisional to Application Number Filed on	:1923/DELNP/2010 :18/03/2010	

(57) Abstract:

The present invention relates to a novel process for the chiral resolution of 2-substituted 4-substituted 1,3-oxathiolanes and derivatives thereof. The present invention also relates to novel 2-substituted 4-substituted 1,3-oxathiolanes derivatives

No. of Pages: 89 No. of Claims: 38

(21) Application No.2752/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: BISPECIFIC BINDING MOLECULES FOR ANTI-ANGIOGENESIS THERAPHY

(51) International classification	:C07K 16/28	(71)Name of Applicant :
(31) Priority Document No	:09172137.3	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:02/10/2009	GMBH
(33) Name of priority country	:EUROPEAN	Address of Applicant :BINGER STRASSE 173, 55216
(33) Name of priority country	UNION	INGELHEIM AM RHEIN, GERMANY Germany
(86) International Application No	:PCT/EP2010/064695	(72)Name of Inventor:
Filing Date	:01/10/2010	1)ERIC BORGES
(87) International Publication No	:WO 2011/039370	2)ANDREAS GSCHWIND
(61) Patent of Addition to Application	:NA	3)JOACHIM BOUCNEAD
Number		4)EVELYN DE TAVERNIER
Filing Date	:NA	5)JOOST KOLKMAN
(62) Divisional to Application Number	:NA	6)PASCAL MERCHIERS
Filing Date	:NA	7)DAINE VAN HOORICK

(57) Abstract:

Bispecific binding molecules, in particular immunoglobulin single variable domains such as VHHs and domain antibodies, comprising a VEGF-binding component and a DII4-binding component in one molecule. Pharmaceutical compositions containing same and their use in the treatment of diseases that are associated with VEGF- and DII4-mediated effects on angiogenesis. Nucleic acids encoding the bispecific binding molecules, host cells and methods for preparing same.

No. of Pages: 405 No. of Claims: 35

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: B7-H4 FUSION PROTEINS AND METHODS OF USE THEREOF

(51) International classification	:C07K 14/705	(71)Name of Applicant :
(31) Priority Document No	:61/238,605	1)AMPLIMMUNE, INC.
(32) Priority Date	:31/08/2009	Address of Applicant :45 W. WATKINS MILL ROAD,
(33) Name of priority country	:U.S.A.	SUITE A, GAITHERSBURG, MD 20878, UNITED STATES OF
(86) International Application No	:PCT/US2010/047366	
Filing Date	:31/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/026122	1)SOLOMON LANGERMANN
(61) Patent of Addition to Application	:NA	2)LINDA LIU
Number	:NA :NA	3)JOSEPH R. PODOJIL
Filing Date	.IVA	4)STEPHEN D. MILLER
(62) Divisional to Application Number	:NA	5)SHANNON MARSHALL
Filing Date	:NA	

(57) Abstract:

Fusion proteins containing B7-H4 polypeptides are disclosed. The B7-H4 fusion proteins can include full-length B7-H4 polypeptides, or can contain a fragment of a full-length B7-H4 polypeptide, including some or all of the extracellular domain of the B7-H4 polypeptide. Methods for using the fusion proteins to downregulate T cell activation and for the treatment of inflammatory and autoimmune diseases and disorders are also disclosed. The B7-H4 fusion proteins are useful for treating inflammation by in¬hibiting or reducing differentiation, prolif-eration, activity, and/or cytokine produc¬tion and/or secretion by ThI, ThI 7, Th22, and/or other cells that secrete, or cause other cells to secrete, inflammatory molecules, including, but not limited to, IL-1, TNF-α, TGF-beta, IFN-γ, IL-17, IL-6, IL-23, IL-21, and MMPs; or enhancing IL-IO secretion by Tregs, in¬creasing the differentiation of Tregs, in¬creasing the number of Tregs, or combina¬tions thereof.

No. of Pages: 370 No. of Claims: 26

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR LOWERING EMISSIONS OF A POLYURETHANE FOAM

 (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 18/38 :10 2009 047 846.9 :30/09/2009 :Germany :PCT/EP2010/005741 :18/09/2010 :WO 2011/038846 :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)PETER HAAS 2)GUNDOLF JACOBS 3)SVEN MEYER-AHRENS
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(57) Abstract:

The present invention relates to a process for the production of polyurethane foams from Al compounds containing isocyanate-reactive hydrogen atoms and having a molecular weight of from 400 to 15,000, A2 optionally compounds containing isocyanate-reactive hydrogen atoms and having a molecular weight of from 62 to 399, A3 water and/or physical foaming agents, A4 optionally auxiliary substances and additives, A5 compounds having at least one semicarbazide group, and B di- or poly-isocyanates which yields polyurethane foams with reduced formaldehyde emission and wherein the activity of the raw material mixture is not substantially affected and wherein the mechanical properties of the resulting foam (in particular compression set and ageing behaviour under humid conditions) are not adversely affected.

No. of Pages: 18 No. of Claims: 7

:NA

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ETHYLENE -BASED POLYMERS AND PROCESSES TO MAKE THE SAME

(51) International classification :C08F10/02,C08F2/00,C08J5/18 (71)Name of Applicant : (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/706936 (32) Priority Date :28/09/2012 Address of Applicant :2040 Dow Center, Midland, MI 48674 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No: PCT/US2013/029652 (72) Name of Inventor: Filing Date :07/03/2013 1)KARJALA, Teresa, P.; (87) International Publication No: WO 2014/051675 2)KARDOS, Lori, L.; (61) Patent of Addition to 3)YAU, Wallace, W.; :NA **Application Number** 4)ORTEGA, Jose; :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The invention provides a composition comprising a low density polyethylene (LDPE) obtained by free radical polymerization of ethylene, and wherein the LDPE has a GPC- Viscometer parameter DPP less than 1.3. The invention also provides a composition comprising an ethylene- based polymer that comprises the following features: a) at least 0.1 amyl groups per 1000 total carbon atoms; b) a melt index from 0.5 to 0.9 c) a MWD(conv) [(Mw(conv)/Mn(conv))] from 9 to 13; The invention also provides a composition comprising an ethylene based polymer that comprises the following features: a) at least 0.1 amyl groups per 1000 total carbon atoms; b) a MWD(conv) from 9 to 13; c) a gpcBR value from 2.0 to 5.0; d) a melt strength (MS) greater than 20 cN.

No. of Pages: 44 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2600/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

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

 (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 	:26/09/2013 :WO2014/049586 :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER,6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor: 1)MOHAMAD, SALMAN, HASHMI 2)YOGINDER, PAL, SACHDEVA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a process for the preparation of rivaroxaban in a process that includes cyclizing a compound of Formula(U) with a dialkyl carbonate in the presence of a base.

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

(21) Application No.2601/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DABIGATRAN ETEXILATE OR PHARMACEUTICALLY ACCEPTABLE SALT 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 	:C07D401/12 :3067/DEL/2012 :28/09/2012 :India :PCT/IB2013/059017 :30/09/2013 :WO 2014/049586 :NA :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant: Head Office: 12th Floor Devika Tower, 06 Nehru Place, New Delhi, Delhi 110019 Delhi India (72)Name of Inventor: 1)VEMPALI, Anandam 2)SANWAL, Sudhir Singh 3)MURUGESAN, Balaguru 4)SATHYANARAYANA, Swargam 5)THAPER, Rajesh Kumar 6)PRASAD, Mohan
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(57) Abstract:

The present invention provides hydrobromide salt of dabigatran etexilate of formula (IV) and its process for the preparation. The present invention further provides crystalline Form I and crystalline Form II of hydrobromide salt of dabigatran etexilate and processes for their preparation. The present invention further relates to a process for the preparation of pharmaceutically acceptable salts, including methanesulfonate salt, of dabigatran etexilate using hydrobromide salt of dabigatran etexilate of the present invention.

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

(21) Application No.2755/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: POLYCARBONATE COMPOSITIONS WITH AN IMPROVED MELT STABILITY

 (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 	:10 2009 043 510.7 :30/09/2009 :Germany	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)ROLF WEHRMANN 2)HELMUT-WERNER HEUER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to polycarbonate compositions and copolycarbonate compositions with improved melt stability, the preparation thereof and the use thereof for the production of mouldings and mouldings obtainable therefrom, wherein the compositions contain a polycarbonate or copolycarbonate containing bisphenol A, and at least one phosphorus compound of the formulae (1) and (2), wherein Rl and R2 independently of each other and among one another are chosen from the group which includes branched alkyl radicals, aryl radicals and substituted aryl radicals.

No. of Pages: 27 No. of Claims: 15

(21) Application No.2756/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR THE PREPARATION OF A CRYSTALLINE FORM OF 1-CHLORO-4-(BETA-D-GLUCOPYRANOS-1-YL)-2(4-(S)-TETRAHYDROFURAN-3-YLOXY)BENZYL) BENZENE

(51) International classification	:C07H 15/203	(71)Name of Applicant :
(31) Priority Document No	:09171847.8	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:30/09/2009	GMBH
(22) Name of mismits, accountmy	:EUROPEAN	Address of Applicant :BINGER STRASSE 173, 55216
(33) Name of priority country	UNION	INGELHEIM AM RHEIN, GERMANY Germany
(86) International Application No	:PCT/EP2010/064117	(72)Name of Inventor:
Filing Date	:24/09/2010	1)DIRK WEBER
(87) International Publication No	:WO 2011/039107	2)SVENJA RENNER
(61) Patent of Addition to Application	.NT A	3)TOBIAS FIELDER
Number	:NA	4)SIMONE ORLICH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		I.

(57) Abstract:

The invention relates to a method for the preparation for a crystalline form of 1-chloro-4-(-D-glucopyranos-1-yl)-2-[4-((S)-tetrahydrofuran-3-yloxy)-benzyl]-benzene. In addition the invention relates to a crystalline form obtainable by this method, to a pharmaceutical composition and to the use thereof for preparing medicaments.

No. of Pages: 38 No. of Claims: 11

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: POLYCARBONATE COMPOSITIONS HAVING IMPROVED OPTICAL 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 Filing Date 	:C08K 5/49 :10 2009 043 513.1 :30/09/2009 :Germany :PCT/EP2010/005724 :17/09/2010 :WO 2011/038841 :NA :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)ROLF WEHRMANN 2)HELMUT-WERNER HEUER 3)ANKE BOUMANS
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(57) Abstract:

The present invention relates to polycarbonate compositions and copolycarbonate compositions having improved optical properties, and to their production and their use for the production of shaped parts, and to shaped parts which can thereby be obtained, the compositions containing a polycarbonate or copolycarbonate which comprises bisphenol-A and at least one pair of a phosphorus compound having the oxidation number +3 and a phosphorus compound having the oxidation state +5 in a pair respectively corresponding to the oxidised form of the phosphorus compound having the oxidation state +3 and the amount of more highly oxidised compound contained being less than that of the compound with the lower oxidation number.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLIP COVER PLATE FOR MOBILE TERMINAL

(57) Abstract:

The present invention relates to a flip cover plate (10) for a mobile terminal, the plate comprising: a cover plate inserted into a flip cover which opens and closes the front portion of the mobile terminal; and a transparent window coupled to one side of the cover plate and exposing a portion of a liquid crystal of the mobile terminal to the outside when the flip cover is positioned at the front portion of the mobile terminal, wherein the transparent window is configured to be bonded to at least one surface of the cover plate corresponding to an opening of the flip cover. Accordingly, the present invention has an advantage of maximizing productivity compared to production through one by one cutting processes by means of a conventional numerically controlled machine tool. Furthermore, since the transparent window is not simultaneously molded when the cover plate is injection molded the present invention has advantages of simplifying the shape of a mold thereby being capable of reducing manufacturing costs as well as reducing manufacturing time and also the failure rate of products since the manufacturing of parts proceeds in parallel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2605/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ACTUATION DEVICE, IN PARTICULAR ELECTRONIC ACTUATOR

 (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 	:F02B37/24,F01D17/10 :102012018529.4 :19/09/2012 :Germany :PCT/US2013/059189 :11/09/2013 :WO 2014/046935 :NA :NA :NA	(71)Name of Applicant: 1)BORGWARNER INC. Address of Applicant: Patent Department, 3850 Hamlin Road, Auburn Hills, Michigan 48326 U.S.A. (72)Name of Inventor: 1)KRAEMER, Jochen; 2)FETZER, Hans-Joerg;
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(57) Abstract:

The invention relates to an actuation device (1), in particular electronic actuator, having a housing (2); and having an actuation shank which has a first shank portion guided in the housing (2), and which has a second shank portion (3) projecting out of the housing (2), wherein a shielding cap (4) is provided which is fastened to the housing (2) and which surrounds the second shank portion (3) with the exception of a fastening region (5).

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

(21) Application No.2606/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND DEVICES REGARDING CELL RESELECTION FOR A USER EQUIPMENT

:H04W36/14,H04W84/12 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/722379 (32) Priority Date Address of Applicant :SE- 164 83 Stockholm Sweden :05/11/2012 (33) Name of priority country :U.S.A. (72)Name of Inventor: 1)PEISA, Janne; (86) International Application No :PCT/SE2013/051288 Filing Date :04/11/2013 2)SCHLIWA-BERTLING, Paul; (87) International Publication No :WO 2014/070100 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Method performed by and a user equipment (125), for managing cell reselection, and method and base station (110), for supporting cell reselection for the user equipment (125). The base station (110) is comprised in a cellular system (100). The base station (110) obtains (201,501) information that comprises system information relevant for idle mode reselection including idle mode reselection to one or more WiFicells (115) and one or more cells (105) of the cellular system (100). The base station (110) broadcasts (202,502) the system information and the user equipment (125) receives (202,601) the system information. The user equipment (125) performs (207,404) cell reselection based on the received system information.

No. of Pages: 36 No. of Claims: 24

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : MAMMARY ARTERY DERIVED CELLS AND METHODS OF USE IN TISSUE REPAIR AND REGENERATION

 (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 5/077 :61/247,228 :30/09/2009 :U.S.A. :PCT/US10/049850 :22/09/2010 :WO 2011/041186 :NA :NA	(71)Name of Applicant: 1)ADVANCED TECHNOLOGIES AND REGENERATION MEDICINE, LLC Address of Applicant: 325 PARAMOUNT DRIVE, RAYNHAM, MA 02767, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)DAVID C. COLTER 2)CHARITO BUENSUCESO 3)CHRISTIAN C. KAZANECKI 4)ANNA GOSIEWSKA
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(57) Abstract:

An isolated mammalian internal mammary artery-derived cell is disclosed. Furthermore, methods of isolating the mammalian internal mammary artery-derived cell are disclosed. The cell is useful in tissue engineering technologies, specifically in vascular tissue engineering.

No. of Pages: 53 No. of Claims: 13

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISPOSABLE ORTHOPAEDIC SURGERY KIT AND COMPONENTS

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No SU.S.A. SPCT/US2010/049247 (72)Name 1)ROBE SWO 2011/035103 2)JUER	ress of Applicant :57/63 LINE WALL ROAD, LTAR, THE NETHERLANDS Netherlands
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(57) Abstract:

A disposable single indication orthopedic trauma surgical kit has no bone plates other than a single bone plate precountoured and sized to match an anatomic shape of a portion of a bone of a patient's extremity. The single bone plate has a plurality of fastener apertures. The surgical kit also has a plurality of fasteners with heads that are dimensioned to mate with the fastener apertures. The surgical kit also has a disposable torque driver adapted to engage the fastener heads. The foregoing components are contained in a sterile sealed container.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: TWO -DIMENSIONAL CONFOCAL IMAGING USING OCT LIGHT SOURCE AND SCAN OPTICS

 (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 	:A61B3/10 :13/725264 :21/12/2012 :U.S.A. :PCT/EP2013/077500 :19/12/2013 :WO 2014/096262 :NA :NA	(71)Name of Applicant: 1)CARL ZEISS MEDITEC AG Address of Applicant: Gschwitzer Str. 51 - 52, 07745 Jena Germany (72)Name of Inventor: 1)QIU, Yue; 2)TZENG, Hueyming;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Various approaches are disclosed for simultaneously generating optical coherence tomography (OCT) and confocal scanning laser images by spatially separating the signal normally used for OCT imaging with selective reflecting or beam directing devices. In one preferred embodiment, the invention includes a mirror having a central transmission region, such that the radially outer region of the returning signal beam is reflected and used for generating a confocal image while the central part of the signal beam is transmitted and used to generate an OCT image. In other embodiments, the signals may be spatially separated in other ways such as with an optic having a reflective center surface, a mirror having two parts oriented at different angles, one or more wedged optics, or a dispersive component. A further aspect of the invention is the ability to increase the frame rate of the confocal imaging.

No. of Pages: 19 No. of Claims: 12

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMAGE PROCESSING DEVICE, 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 	:2012213619 :27/09/2012 :Japan	(71)Name of Applicant: 1)FUJIFILM CORPORATION Address of Applicant:26 -30, Nishiazabu 2- chome, Minato-ku, Tokyo 106-8620 Japan (72)Name of Inventor: 1)Yuanzhong LI
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(57) Abstract:

To shorten the processing time required when extracting a region from an image using a graph cut method, and reduce the amount of memory used for computation. [Solution] An image acquisition unit (10) acquires a plurality of CT images from an X-ray CT device (2) and generates a three-dimensional image (M0). A low-resolution image generation unit (12) converts the resolution of the three-dimensional image (M0) into multiple resolutions and generates a low-resolution image (ML). A first extraction unit (14) uses a graph cut method to extract a specific region such as a liver region from the low-resolution image (ML). A contour region setting unit (16) sets the contour of the liver region extracted from the low-resolution image (ML) in the three-dimensional image (M0), and sets a contour region including said contour in the three-dimensional image (M0). A second extraction unit (18) extracts the contour of the liver region from the contour region, and extracts the liver region from the three-dimensional image (M0).

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

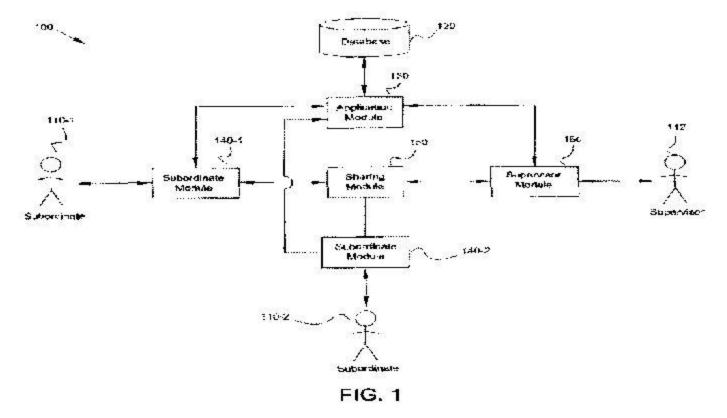
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR VIRTUAL CONTENT COLLABORATION

 (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 15/16 :PCT/US2010/047650 :02/09/2010 :PCT :PCT/US2010/047650 :02/09/2010 :WO 2011/028885 :NA :NA	(71)Name of Applicant: 1)COAXIS SERVICES INC., Address of Applicant: 27 DICKINSON ROAD, KENDALL PARK, NEW JERSEY, NJ 08824 U.S.A. U.S.A. (72)Name of Inventor: 1)PARTHASARATHY SOWMYA 2)KRISHNAN RAJARAMAN
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An information sharing system includes a database, an application module, a supervisor module, and a subordinate module. The database stores user data associated with a supervisor and a subordinate, and static data to be shared by them. The static data is associated with a topic for training. The application module is configured to communicate with the database. The su¬pervisor module is configured to enable the supervisor to communicate with the application module and the subordinate module. The subordinate module is configured to enable the subordinate to communicate with the supervisor, enable the subordinate to communicate with the application module via handwritten input, audio input, video input, and image input, provide an electronic prompt to the subordinate that is triggered by the static data, and receive an electronic input comprising at least one of handwritten input, audio input, video input, and image input from the subordinate responsive to the prompt.



No. of Pages: 129 No. of Claims: 29

(22) Date of filing of Application :30/03/2012

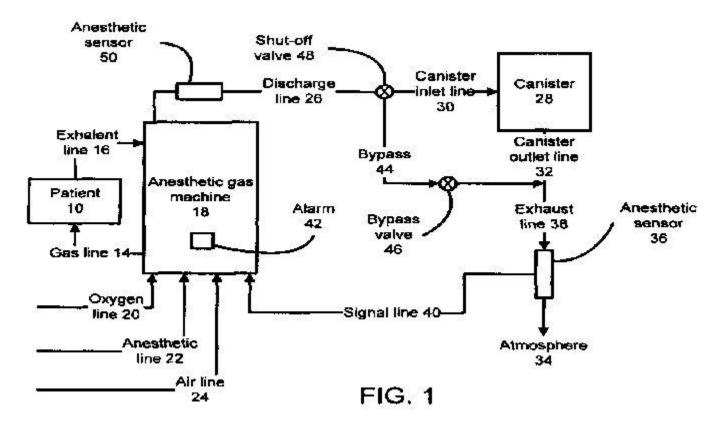
(43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEM AND METHODS FOR GAS TREATMENT

(51) International classification	:B01J 20/16	(71)Name of Applicant:
(31) Priority Document No	:61/239,051	1)BLUE-ZONE TECHNOLOGIES LTD.
(32) Priority Date	:01/09/2009	Address of Applicant :14-84 CITATION DRIVE,
(33) Name of priority country	:U.S.A.	CONCORD, ONTARIO L4K 3C1 (CA) Canada
(86) International Application No	:PCT/CA2010/001366	(72)Name of Inventor:
Filing Date	:31/08/2010	1)FILIPOVIC, DUSANKA
(87) International Publication No	:WO 2011/26230	2)WHITBY, LAURENCE
(61) Patent of Addition to Application	:NA	3)MILIN,BILJNA
Number	:NA	4)CASHIN, FREDERICK
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and process for the recovery of at least one halogenated hydrocarbon from a gas stream. The recovery includes adsorption by exposing the gas stream to an adsorbent with a lattice structure having pore diameters with an average pore opening of between about 5 and about 50 angstroms. The adsorbent is then regenerated by exposing the adsorbent to a purge gas under conditions which efficiently desorb the at least one adsorbed halogenated hydrocarbon from the adsorbent. The at least one halogenated hydrocarbon (arid impurities or reaction products) can be condensed from the purge gas and subjected to fractional distillation to provide a recovered halogenated hydrocarbon.



No. of Pages: 41 No. of Claims: 15

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: WEARABLE PATCH COMPRISING MULTIPLE SEPARABLE ADHESIVE LAYERS

(51) International classification	:B32B7/12,B29C65/00	(71)Name of Applicant:
(31) Priority Document No	:61/699790	1)ZANSORS LLC
(32) Priority Date	:11/09/2012	Address of Applicant :1616 Anderson Road, Tysons VA
(33) Name of priority country	:U.S.A.	22012 U.S.A.
(86) International Application No	:PCT/US2013/059125	(72)Name of Inventor:
Filing Date	:11/09/2013	1)DAS, Ranjit;
(87) International Publication No	:WO 2014/043158	2)TRAVAGLINI, Mark;
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Wearable patches comprising multiple separable adhesive layers. One or more of the layers can comprise electronics mechanical components, gauze, medicine and/or other types of hardware suitable for the intended use of the patch. In use, a first layer of the patch is adhered to a user. When it is time to change layers, the patch is removed from the user, the first layer is removed from the patch to expose a second adhesive layer, and the second layer is applied to the user. The process may be repeated until the remaining layers of the patch have been used.

No. of Pages: 22 No. of Claims: 26

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

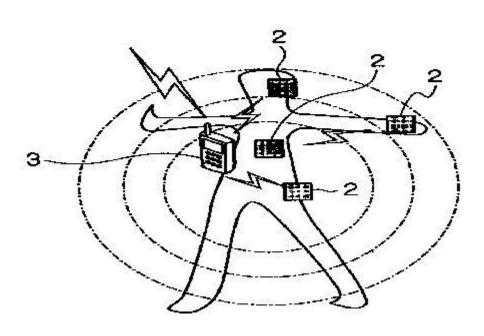
(54) Title of the invention: SHORT-DISTANCE WIRELESS COMMUNICATION SYSTEM AND METHOD

 (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 	:H04W 56/00 :2009-200535 :31/08/2009 :Japan :PCT/JP2010/005180 :23/08/2009 :WO 2011/024432 :NA :NA	(71)Name of Applicant: 1)NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY Address of Applicant: 4-2-1 NUKUI-KITAMACHI, KOGANEI-SHI, TOKYO 1848795, JAPAN Japan (72)Name of Inventor: 1)KURODA MASAHIRO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In particular, even if sensors have their respective different timer precisions, the number of occasions when the sensors wait for data can be minimized, thereby reducing the output consumptions on the sensor sides. A coordinator (3) allocates, based on information previously received from sensors (2), the sensors to respective slots, which constitute a super-frame, in a time sequence order and then notifies, to the sensors (2), the respective slots to which the sensors are allocated. When each of the sensors (2) transmits data to the coordinator (3), the sensor makes a synchronization request at the timing of the notified slot without receiving any beacons from the coordinator.

[図1]



No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A PROCESS FOR REGENERATING FILTER AID USED IN A WINTERIZATION PROCESS

 (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 	:B01J20/34,C11B7/00,B01D15/20 :12186291.6 :27/09/2012 :EPO :PCT/EP2013/069898 :25/09/2013 :WO 2014/048943 :NA	(71)Name of Applicant: 1)BUNGE N-V‰NYOLAJIPARI Z • RTK-RUEN MUK-DO R‰SZV‰NYT • RSAS • G Address of Applicant :Vaci ut 33, H -1134 Budapest Hungary (72)Name of Inventor: 1)KEMENY ,Zsolt 2)GOLINSKI, Stphane 3)BEREZNEV ,Oleg 4)MAKARENKO, Andrey
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process for in situ regeneration of spent filter aid comprising the steps of: a) circulating through a spent filter aid cake in a circulation loop a regenerating oil at a temperature of from 40° C to 100° C, in a regenerating oil / spent filter aid (v/w)ratio of from 0, 3/1 to 12/1; b) removing the regenerating oil from the treated spent filter aid cake; and c) recovering the regenerated filter aid.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: EXHAUST GAS PROCESSING DEVICE AND EXHAUST GAS PROCESSING METHOD

(51) International classification :B01D53/50,B01D53/34,B01D53/77

(31) Priority Document No :2012282971 (32) Priority Date :26/12/2012

(33) Name of priority country: Japan

(86) International :PCT/JP2013/082026
Application No :PCT/JP2013/082026

Filing Date :28/11/2013

(87) International Publication: WO 2014/103602

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)MITSUBISHI HITACHI POWER SYSTEMS, LTD. Address of Applicant :3-1, Minatomirai 3 -chome ,Nishi- ku

Yokohama -shi, Kanagawa 2208401 Japan

(72)Name of Inventor:

1)YOSHIMOTO, TAKASHI

2)KAGAWA, SEIJI

3)FUKUDA, TOSHIHIRO

4)SASAKI, RYOZO

(57) Abstract:

The purpose of the present invention is to provide an exhaust gas processing device and exhaust gas processing method that can maintain SO removal efficiency at at least a constant level as compared to conventional devices ,and dramatically curb operation costs. Provided is an exhaust gas processing device that removes the sulfur content contained in combustion exhaust gas and that comprises the following: a processing agent supply means (2) for supplying a processing agent (102) to a flue (11) in which combustion exhaust gas (100) flows; a temperature lowering means (3) for cooling the combustion exhaust gas (100) to which the processing agent (102) was supplied and condensing the SOcomponent in the combustion exhaust gas (100); an electric precipitation means (4) that is provided to the flue (11) of the exhaust gas downstream side of the temperature lowering means (3); a desulfurization device (5) that is provided to the exhaust gas downstream side of the electric precipitation means (4) and that uses the lime-gypsum method; and a circulation means (6) for supplying a portion of dust particles (101) recovered by the electric precipitation means (4) to the flue (11) of the exhaust gas upstream side of the temperature lowering means (3), and causing the dust particles to be circulated and used as a processing agent.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: LIQUID COMPOSITION AND GLASS ARTICLE

(51) International

:C09D201/00,B32B7/02,B32B15/01 classification

(31) Priority Document No :2012209465 (32) Priority Date :24/09/2012 (33) Name of priority country: Japan

(86) International Application: PCT/JP2013/073536

:02/09/2013

Filing Date (87) International Publication :WO 2014/045853

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

(71)Name of Applicant:

1)ASAHI GLASS COMPANY LIMITED

Address of Applicant: 5-1, Marunouchi 1-chome, Chivoda-

ku .Tokyo 1008405 Japan (72) Name of Inventor: 1)KODAIRA Hirokazu

2)HAYAMI Yutaka 3)YONEDA Takashige

(57) Abstract:

Provided are: a liquid composition which is capable of forming a coating film that has sufficient ultraviolet absorbing function and infrared absorbing function, while assuring colorless transparency, said coating film having excellent weather resistance and not being susceptible to bleeding; and a glass article which has a coating film that is formed from this composition. A liquid composition for forming coating films, which contains: an infrared absorbent that is selected from among tin doped indium oxides, antimony doped tin oxides and composite tungsten oxides; an ultraviolet absorbent that is selected from among benzophenone compounds, triazine compounds and benzotriazole compounds; 5-15 parts by mass of a dispersant, which has a molecular weight of 1 000-100 000, per 100 parts by mass of the infrared absorbent; 1-13 parts by mass of a chelating agent, which forms a complex together with the infrared absorbent and has a molecular weight of 1,000 -100,000, per 100 parts by mass of the infrared absorbent, said complex not substantially absorbing light having a visible light wavelength; a binder component; and a liquid medium.

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

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISTRIBUTED POWER SYSTEM AND OPERATION 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 	:H02J3/38 :2012165409 :26/07/2012 :Japan :PCT/JP2013/069739 :22/07/2013 :WO 2014/017417 :NA :NA	(71)Name of Applicant: 1)ORIGIN ELECTRIC COMPANY LIMITED Address of Applicant:18 1 Takada 1 chome Toshima ku Tokyo 1718555 Japan (72)Name of Inventor: 1)OHSHIMA Masaaki 2)USHIKI Shuichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A DC/DC converter (11) converts the DC current generated in solar power generation equipment to the DC current of a prescribed output voltage and an inverter (12) converts the DC current converted by the DC/DC converter (11) to an AC current which is output to a power system (15) via a system interconnect switch (14). When the system voltage of the power system (15) is abnormal a control device (20) opens the system interconnect switch (14) to switch the operation mode of the DC/DC converter (11) and inverter (12) to self sustaining operation without suspending the DC/DC converter (11) and inverter (12) and supplies electric power to a load (17) connected between the inverter (12) and the system interconnect switch (14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2621/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHOSPHORUS CONTAINING FLAME RETARDANTS

:C07F9/38,C07F9/40,C08K5/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) CHEMTURA CORPORATION :61/857741 (32) Priority Date :24/07/2013 Address of Applicant: 199 Benson Road, Middlebury, CT (33) Name of priority country :U.S.A. 06749 U.S.A. (86) International Application No :PCT/US2014/047754 (72) Name of Inventor: Filing Date :23/07/2014 1)STOCKDALE, Zachary, D; (87) International Publication No :WO 2015/013370 2)HANSON, Mark, V.; (61) Patent of Addition to 3)TIMBERLAKE, Larry, D.; :NA **Application Number** 4)NARAYAN, Subramaniam; :NA Filing Date 5)FIELDING, William, R.; (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Certain phosphonic acid salts heated at temperatures over 200°C generate thermally stable, highly efficient flame retardant materials well suited for use as flame retardant additives in polymers. The flame retardants of the invention can be used as the sole flame retardant in a composition or in combination with other flame retardants, synergists or adjuvants.

No. of Pages: 28 No. of Claims: 21

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : ISOLATION AND PURIFICATION OF ANTI-IL-13 ANTIBODIES USING PROTEIN A AFFINITY CHROMATOGRAPHY

 (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 16/06 :61/253,411 :20/10/2009 :U.S.A. :PCT/US2010/053388 :20/10/2010 :WO 2011/050071 :NA :NA	(71)Name of Applicant: 1)ABBVIE INC., Address of Applicant: 1 NORTH WAUKEGAN ROAD, NORTH CHICAGO, IL 60064, USA. U.S.A. (72)Name of Inventor: 1)HICKMAN ROBERT K.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein are methods for the isolation and purification of anti- IL- 13 antibodies wherein the use of an affinity chromatographic step results in an antibody composition sufficiently pure for pharmaceutical uses. The methods described herein comprise pH viral reduction/inactivation, ultrafiltration/diafiltration, affinity chromatography (e.g., Protein A affinity chromatography), ion exchange chromatography, and hydrophobic chromatography. Further, the present invention is directed toward pharmaceutical compositions comprising one or more antibodies of the present invention.

Figure 1.

Anti-IL-13 Antibody Heavy Chain Variable Region Sequence
1 10 20 30 40
EVTEREUGEG EVKETQTETE TOTEYGESES TSDMGVDWIR
CDR1

OPEGKGLEWE ANTIWWDDVKR YNPALKERET TSKOTSKNOV
CDR2

VEKETSVDPV DIATYYCART VSSGYTYYAM DYWGQGTEVT
CDR3

No. of Pages: 96 No. of Claims: 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2779/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PLANT DIAGNOSTIC EQUIPMENT

(51) International classification	:G05B 23/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HITACHI, LTD.
(32) Priority Date	:NA	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-8280, JAPAN Japan
(86) International Application No	:PCT/JP2009/005123	(72)Name of Inventor:
Filing Date	:02/10/2009	1)SEKIAI TAKAAKI
(87) International Publication No	:WO 2011/039823	2)EGUCHI TORU
(61) Patent of Addition to Application	:NA	3)KUSUMI NAOHIRO
Number	:NA	4)HORI YOSHINARI
Filing Date	.IVA	5)FUKAI MASSAYUKI
(62) Divisional to Application Number	:NA	6)SHIMIZU SATORU
Filing Date	:NA	

(57) Abstract:

Provided is diagnostic equipment for selecting a data item to be used for a diagnosis on the basis of operation history information of an operator. Plant diagnostic equipment receives a measurement signal of a plant and an operation signal of a time of operation performed by an operator using an external input device and displays a state of the plant on an image display device as display information. The plant diagnostic equipment includes a measurement signal database for storing the measurement signal of the plant, an operation history database for storing the operation signal of a time of the operation performed by the operator using the external input device, and learning means for extracting a data item to be used for a diagnosis of the plant from the display information displayed on the image display device by the operation performed by the operator using the external input device when an abnormality in the plant occurs.

No. of Pages: 72 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2948/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: STRETCHED RESIN FILM, METHOD FOR PRODUCING SAME, AND LAMINATE USING STRETCHED RESIN FILM

(51) International classification :B32B5/18,B32B27/20,C08J5/18 (71)Name of Applicant : (31) Priority Document No :2012215948

(32) Priority Date :28/09/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/076267

:27/09/2013 Filing Date

(87) International Publication No: WO 2014/051052

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)YUPO CORPORATION

Address of Applicant: 3, Kandasurugadai 4 chome, Chiyoda-

ku, Tokyo 1010062 Japan (72) Name of Inventor:

1) ISHIMOTO Shouichi 2)TAMAUCHI Hiromitsu

(57) Abstract:

Disclosed is a stretched resin film having a water- absorbent layer on at least one surface thereof, wherein: said water absorbent layer includes 24- 64 mass% of a thermoplastic resin, 35-75 mass% of inorganic fine powder, and 1-2 mass% of a hydrophilization agent for said inorganic fine powder; the liquid absorption capacity of said water absorbent layer is 0.5 ml/m or greater; and the liquid absorption coefficient calculated according to the same method is 0.1 2 ml/(m2-·ms1/2). This stretched resin film is a film substrate wherein, when the surface of the film substrate is coated with a coating material, the film substrate absorbs a portion of the coating material without creating bubbles, thus providing a uniform coating appearance.

No. of Pages: 50 No. of Claims: 15

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: POTENT CONJUGATES AND HYDROPHILIC LINKERS

 (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 	:NA :NA :NA	(71)Name of Applicant: 1)IMMUNOGEN, INC. Address of Applicant:830 WINTER STREEET, WALTHAM, MASSACHUSETTS 02451, USA U.S.A. (72)Name of Inventor: 1)SINGH RAJEEVA 2)WILHELM SHARON D. 3)CHARI RAVI V.J.
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(57) Abstract:

Linkers for binding drugs to cell binding agents are modified to hydrophilic linkers by incorporating a polyethylene glycol spacer. The potency or the efficacy of the cell-binding agent-drug conjugates is surprisingly enhanced several folds in a variety of cancer cell types, including those expressing a low number of antigens on the cell surface or cancer cells that are resistant to treatment. A method for preparing maytansinoids bearing a thioether moiety and a reactive group which allows the maytansinoid to be linked to a cell-binding agent in essentially a single step is also provided.

No. of Pages: 149 No. of Claims: 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS AND METHODS

(51) International classification	:A61K 7/16	(71)Name of Applicant:
(31) Priority Document No	:10/331,312	1)COLGATE-PALMOLIVE
(32) Priority Date	:30/12/2002	Address of Applicant :300 PARK AVENUE, NEW YORK,
(33) Name of priority country	:U.S.A.	NY 10022 USA U.S.A.
(86) International Application No	:PCT/US2003/040562	(72)Name of Inventor:
Filing Date	:19/12/2003	1)BOYD THOMAS JAMES
(87) International Publication No	:WO 2004/060335	2)XU GUOFENG
(61) Patent of Addition to Application	:NA	3)CARALE MARIA TERESA REYES
Number	:NA	4)BOFF BETH ANN
Filing Date		
(62) Divisional to Application Number	:7189/DELNP/2007	
Filed on	:19/12/2003	

(57) Abstract:

A composition comprising a film or a plurality of film fragments entrained in a carrier. The film or plurality of film fragments can comprise a functional material. The film or plurality of film fragments can comprise repeated shapes. Also disclosed is a composition comprising a plurality of discernable lamellar fragments entrained in a carrier. Also disclosed is a method for administering a functional material to a human or animal subject in need thereof, the method comprising applying to the subject a composition comprising a film or a plurality of film fragments entrained in a carrier, wherein the film comprises the functional material. The composition is preferably a dentifrice, containing shaped and/or coloured film fragments.

No. of Pages: 73 No. of Claims: 16

(21) Application No.2950/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: GEAR CUTTER WITH RADIAL ADJUSTABILITY OF STICK BLADES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B23F21/22,B23F21/12,B23C5/24 :61/724531 :09/11/2012 :U.S.A.	(71)Name of Applicant: 1)THE GLEASON WORKS Address of Applicant: 1000 University Avenue, P.O. Box 22970, Rochester, NY 14692- 2970 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/068442 :05/11/2013 :WO 2014/074495	(72)Name of Inventor: 1)STADTFELD, Hermann, J.; 2)NORSELLI, Anthony, J.;
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional to ApplicationNumber	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A bevel gear manufacturing face cutter head (2) for face hobbing and face milling wherein the cutter head comprises positive blade seating surfaces (16, 18) and the capability to clamp the blades (8) tight to the positive seating surfaces and to adjust the cutting blades radially after they are pre-clamped and axially located.

No. of Pages: 34 No. of Claims: 17

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR MANUFACTURING AN OPHTHALMIC LENS COMPRISING A MARKING STEP FOR PRODUCING PERMANENT TECHNICAL MARKS ON SAID OPHTHALMIC LENS

:B29D11/00,B29C67/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ESSILOR INTERNATIONAL (COMPAGNIE :1259197 (32) Priority Date G‰N‰RALE DOPTIQUE) :28/09/2012 (33) Name of priority country Address of Applicant: 147 rue de Paris, F-94220 Charenton -:France (86) International Application No :PCT/FR2013/052282 le -Pont France Filing Date :26/09/2013 (72) Name of Inventor: (87) International Publication No :WO 2014/049284 1)ANATOLE ,Vincent (61) Patent of Addition to Application 2)PIETRI, Ccile :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for manufacturing an ophthalmic lens (12), comprising a marking step for producing permanent technical marks (24) on said lens, which comprises a body (29), a first surface (20) and a second surface (28) opposite said first surface (20); the step of additive manufacturing (110 -112) of said body and said first and second surfaces, by depositing a plurality of first predetermined volume elements of a first material having a first complex index of refraction (35), in order to obtain first and second optical surfaces, respectively, of the first and second surfaces; and the step of additive manufacturing (113) of said marks by depositing, during said deposition of a plurality of said first volume elements of said first material, at least one second predetermined volume element of a second material having a second complex index of refraction (30) other than said first complex index of refraction of said first material.

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

(21) Application No.2952/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : DEVICES AND METHODS FOR DIRECTING A MEDICAL FABRIC INTO A PORTION OF THE 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 	:A61F13/38,A61F15/00 :61/711480 :09/10/2012 :U.S.A. :PCT/US2013/064086 :09/10/2013 :WO 2014/058992 :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF CINCINNATI Address of Applicant: 2624 Clifton Avenue, Cincinnati, OH 45221 U.S.A. (72)Name of Inventor: 1)PRFVITERA, Mary, Beth; 2)PANCIOLI, Arthur;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device (10) for directing a medical fabric (28) into a portion of a body. An elongated housing (12) having a distal end (16) and an opening (22) at the distal end (16). A supply of medical fabric (28) in the housing (12). An actuator (24) spaced from said opening (22) and configured to advance a portion of the medical fabric (28) through said housing (12) and out of the opening (22).

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

(21) Application No.2336/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : THERMOSTATICALLY CONTROLLED ASPHALT HEATER FOR A MOBILE PAVEMENT PATCHING VEHICLE

 (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 	:E01C23/06 :2,846,198 :14/03/2014 :Canada :PCT// :01/01/1900 : NA	Regina, Saskatchewan, Canada S4S 7K3 Canada (72)Name of Inventor: 1)Les Hulicsko
(87) International Publication No (61) Patent of Addition to Application Number		2)Robert Skinner
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

ABSTRACT THERMOSTATICALLY CONTROLLED ASPHALT HEATER FOR A MOBILE PAVEMENT PATCHING VEHICLETM A system for maintaining the temperature of the contents of an asphalt storage hopper mounted to a mobile pavement repair vehicle. The thermostatic control system directs a flow controller to direct exhaust gases from the engine of the vehicle either to the atmosphere or to a heat exchanger within the asphalt hopper in order to maintain the desired temperature. The thermostatic controller may allow an operator to select a desired temperature for the asphalt.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : THIN-WALLED, COLD-FORMED LIGHTWEIGHT STRUCTURAL PROFILE ELEMENT AND METHOD FOR PRODUCING SUCH A PROFILE ELEMENT

 (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 	:E04C 3/08 :10 2009 047 958.9 :01/10/2009 :Germany :PCT/EP2010/005891 :27/09/2010 :WO 2011/038879 :NA :NA :NA	(71)Name of Applicant: 1)PROTEKTOR WERK FLORENZ MAISCH GMBH & CO. KG Address of Applicant: VIKTORIASTRAE 58, 76571 GAGGENAU, GERMANY Germany (72)Name of Inventor: 1)MAISCH, CHRISTOF
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(57) Abstract:

The invention relates to a thin-walled, cold-formed profile element, in particular a structural profile, for example a drywall construction, facade, plaster, screed, tile or cable carrier profile or a shelf or drain rail. The profile element has an elongated profile body (2), in particular metallic or consisting of plastic, in which a multiplicity of openings (5) is formed. The profile body comprises at least two separately constructed longitudinal sections (10, 11), each longitudinal section (10, 11) comprising a serpentine longitudinal edge (12, 13). The longitudinal sections (10, 11) each comprise an elongated section (16, 17) and a plurality of connecting sections (14, 15) projecting laterally beyond the elongated section, which are bordered by the serpentine longitudinal edge (12, 13). The connecting sections (14) of the one longitudinal section (10) face the connecting sections (15) of the other longitudinal section (11) and are in each case welded to the latter edge to edge or joined to one another along curved abutting edges. At least in some sections, the openings (5) are bordered by sections of the serpentine longitudinal edges (12, 13).

No. of Pages: 50 No. of Claims: 28

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: SUPPLY FRAME FOR A TOWER, TOWER WITH A SUPPLY FRAME AND METHOD FOR ERECTING A SUPPLY FRAME IN THE INTERIOR OF A TOWER

(51) International classification: F03D11/04,F03D1/00,E04G3/24 (71) Name of Applicant: (31) Priority Document No :10 2012 109 860.3

(32) Priority Date :16/10/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/071482

:15/10/2013 Filing Date

(87) International Publication :WO 2014/060388

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)MAX B-GL WIND AG

Address of Applicant: Max -Bgl- Strasse 1, 92369 Sengenthal

(72) Name of Inventor: 1)HIERL ,Martin

(57) Abstract:

A supply frame (13) for a tower (1), in particular a wind turbine tower made of annular or annular- segment -shaped prefabricated concrete parts (5), which supply frame (13) supports tower internal structures (7, 8, 9, 10, 11, 12), in particular a ladder (7), a lift arrangement (8), cable arrangements (10), platforms and lighting units (9), can be arranged in the interior of the tower (1) and extends essentially over the entire height of the tower (1). The supply frame (13) is composed of a plurality of supply frame modules (13a) which are arranged one on top of the other and connected to one another, and said supply frame (13) forms a self-supporting unit which can be attached in a suspended fashion from an upper prefabricated concrete part (5, 5a, 5b) of the tower (1). The supply frame (13) has a framework-like grid structure which preferably is stable in terms of bending under its own weight and under payload and which is stabilized by tensile forces from its own weight and the payload. A tower (1), in particular a wind turbine tower made of annular or annular -segment- shaped prefabricated concrete parts (5) has a corresponding supply frame (13) in its interior. In a method for erecting a supply frame (13) in the interior of a tower (1), a plurality of supply frame modules (13a) are arranged one on top of the other and connected to one another to form a self- supporting unit which has a framework -like grid structure which is not stable in terms of bending under its own weight and under payload. The supply frame (13) is attached in a suspended fashion from an upper prefabricated concrete part (5) of the tower (1) and is stabilized during operation by tensile forces from its own weight and the payload.

No. of Pages: 36 No. of Claims: 23

(21) Application No.2632/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISPLAY DEVICE FOR A MOTOR VEHICLE

 (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 	:B60K35/00,G02B27/01 :1258619 :13/09/2012 :France :PCT/FR2013/052079 :11/09/2013 :WO 2014/041294 :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)LANGLOIS, Sabine; 2)LEPINE, Geoffrey; 3)MAADED,Christophe;
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a display device (1) for a motor vehicle comprising a light source (5) and a light guide (3) that can guide the light signals through a plurality of openings (31) of the guide (3) in such a way as to reflect a plurality of images (6) on a surface (7) of the vehicle.

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

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : REMOTE NODE DEVICE, OPTICAL NETWORK UNIT AND SYSTEM AND COMMUNICATION METHOD THEREOF

 (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 	:201210457731.X :14/11/2012 :China	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, avenue Octave Grard, F- 75007 Paris France (72)Name of Inventor: 1)GAO, Zhensen; 2)CHANG, Qingjiang; 3)GUI,Lin; 4)MU, Hongqian; 5)XIAO, Simiao;
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(57) Abstract:

The invention relates to a remote node device, optical network unit and system and communication method thereof. A remote node device for mutual communication between optical network units in a passive optical network according to the invention includes: an NxN -arrayed waveguide grating configured to receive upstream optical signal of one of the optical network units and to output it as a first optical signal; a 1x2 wavelength division multiplexer configured to separate per band the first optical signal to obtain a second optical signal; and a lx(N-1) power distributor configured to transmit the second optical signal to the corresponding optical network unit through the NxN- arrayed waveguide grating. With the inventive solution, mutual communication between optical network units can be enabled through a remote node device alone simply by structurally modifying the remote node device and the optical network units without modifying a conventional optical line terminal, and an optical signal for communication will not undergo the optical to electronic to optical conversion process thereby greatly lowering delay in communication.

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

(21) Application No.2634/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS OF SCREENING FOR MICROORGANISMS THAT IMPART BENEFICIAL PROPERTIES TO PLANTS

 (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 	:602532 :19/09/2012 :New Zealand	(71)Name of Applicant: 1)BIODISCOVERY NEW ZEALAND LIMITED Address of Applicant: 24 Balfour Road, Parnell, Auckland, 1052 New Zealand (72)Name of Inventor: 1)WIGLEY, Peter, John; 2)TURNER, Susan, Jane; 3)GEORGE, Caroline, Elizabeth;
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(57) Abstract:

The present invention relates to methods for the screening, identification and/or application of microorganisms and/or compositions of use in imparting beneficial properties to plants ,and microorganisms and compositions identified therefrom.

No. of Pages: 80 No. of Claims: 60

(22) Date of filing of Application :09/04/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : DEVICES AND METHODS FOR ENHANCING BURDEN UNIFORMITY IN A COMBINATION REFORMING/REDUCING SHAFT FURNACE

 (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 	:61/708368 :01/10/2012 :U.S.A. :PCT/US2013/062808 :01/10/2013 :WO 2014/055479 :NA :NA	(71)Name of Applicant: 1)MIDREX TECHNOLOGIES ,INC. Address of Applicant: 2725 Water Ridge Parkway, Suite 100, Charlotte, NC 28217 U.S.A. (72)Name of Inventor: 1)WRIGHT ,Travis 2)MONTAGUE ,Steve
- 14/	:NA :NA :NA	

(57) Abstract:

The present invention provides a combination reforming/reducing shaft furnace for the production of direct reduced iron that utilizes one or more burden uniformity enhancers, such as one or more rotating/reciprocating mixing shafts, one or more stationary flow aids one or more wall structures/variations one or more agitators, or the like for ensuring that reforming and reducing in the shaft furnace take place evenly across the width of and throughout the depth of the burden in the shaft furnace.

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: APPLICATION HOSTING WITHIN A SECURED FRAMEWORK IN A FUELING ENVIRONMENT

(51) International classification	:G06Q20/20	(71)Name of Applicant :
(31) Priority Document No	:61/704158	1)GILBARCO S.R.L.
(32) Priority Date	:21/09/2012	Address of Applicant :Via de' Cattani ,220/G, 1-50145
(33) Name of priority country	:U.S.A.	Firenze Italy
(86) International Application No	:PCT/US2013/061193	2)GILBARCO, INC.
Filing Date	:23/09/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/047565	1)CARAPELLI, Giovanni;
(61) Patent of Addition to Application	:NA	2)WILLIAMS,Rodger, K.;
Number	:NA	3)PARK, Thomas, J.;
Filing Date	.IVA	4)FREEZE, Deron, Wayne;
(62) Divisional to Application Number	:NA	5)RICHEY, Frederick, Donald;
Filing Date	:NA	6)AYMA, Ivan, Rubin;

(57) Abstract:

A secured framework for hosting secure and non- secure applications is provided. A master control apparatus includes an interface component for providing input to or output from the master control apparatus, and an interface communicating component for establishing a communications path to a portion of the interface component when a secured portion of the interface component is active. The interface communicating component provides data from a feature apparatus to the portion of the interface component over the communications path, and switches the communications path to refrain from providing data from the feature apparatus where the secured portion of the interface component is active. A security analyzing component can also be included to additionally or alternatively determine whether access is allowed to the portion of the interface component.

No. of Pages: 50 No. of Claims: 24

(21) Application No.2490/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SPINNING OIL NOZZLE

(51) International classification :D01f (31) Priority Document No :10320443 (32) Priority Date :14/03/201 (33) Name of priority country :Taiwan (86) International Application No :NA Filing Date :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	,
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(57) Abstract:

The spinning oil nozzle contains a nozzle body, a guiding trough on the nozzle body for converging and oiling fibers, and a binding device on the nozzle body at a front and lower position relative to the guiding trough. As the fibers traverse through the nozzle body, the fibers are gathered in the guiding trough and oiled so as to smooth the fibers and to remove electrostatics. The binding device exerts the downward pressure on the fibers so that the fibers are reliably and steadily attached to the guiding trough for uniform oiling. The spinning oil nozzle enhances the quality of subsequent manufacturing processes, reduces manual operation, and achieve greater uniformity, reliability, and cost reduction for manufacturing synthetic fibers.

No. of Pages: 16 No. of Claims: 10

(21) Application No.2636/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR OPTIMIZING DESIGN AND MANUFACTURE OF IMPLANT COMPONENTS USING SOLID FREEFORM FABRICATION

(31) Priority Document No (32) Priority Date	:A61F2/76,A61F2/02,A61L27/00 :61/703780 :21/09/2012	1)CONFORMIS INC. Address of Applicant :28 Crosby Drive Bedford
(33) Name of priority country (86) International Application No Filing Date (87) International Publication	:U.S.A. :PCT/US2013/061042 :20/09/2013 :WO 2014/047514	Massachusetts 01730 U.S.A. (72)Name of Inventor: 1)MILLER, BOB 2)HESKETH, DAVID 3)DION, ERNEST
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA	
Number Filing Date	:NA	

(57) Abstract:

Disclosed are methods and systems for improving the quality throughput and efficiency of Solid Free Form manufacture of implant components.

No. of Pages: 66 No. of Claims: 10

(21) Application No.2637/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: ALARM SYSTEM FOR ROLLING SHUTTERS

(51) International classification: G08B13/00,E06B9/02,H01R13/62 (71) Name of Applicant: (31) Priority Document No :222296

(32) Priority Date :09/10/2012 (33) Name of priority country :Israel

(86) International Application

No

:PCT/IL2013/000075 :03/10/2013

Filing Date

(87) International Publication :WO 2014/057482

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1) HANUKA, Beni

Address of Applicant: 10/8 Duchifat St, Haifa 32991 10 Israel

(72)Name of Inventor: 1)HANUKA, Beni

An alarm system for rolling shutter comprised of plurality of alarm sensors is described. An alarm sensor is comprised of a conductive wire that is threaded within a slat and is connected in both sides to slat edge elements. The slat edge elements have a moving electrical contact that can be pulled out towards the inner wall of the shutter rail by a magnet. In selected heights along the rails on both rails a rail electric element comprising a magnet and a rail electrical contact are installed. A wire is connected from each rail electrical contact to an alarm control box. When the slat, which includes the slat- wire, is positioned in the same height as the rail electric elements, the moving contact on the slat makes a contact with the rail electric contact, thus creating a continuous electrical circuit from one rail electrical contact through the slat, to the second rail electric contact. An attempt to move a slat, move the rails or cut the slat, will open the electrical circuit and generate an alarm, signal. An attempt to bypass the electrical circuit is detected by the change in the line resistance.

No. of Pages: 20 No. of Claims: 6

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SELECTIVE PARTITIONING OF VIA STRUCTURES IN PRINTED CIRCUIT BOARDS

 (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 	:H05K3/42 :61/831400 :05/06/2013 :U.S.A. :PCT/SE2014/050619 :20/05/2014 :WO 2014/196911 :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)KALLMAN, Stig; 2)BERGSTEN, Tomas;
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(57) Abstract:

The embodiments herein relates to a method for selective partitioning of a via in a printed circuit board (200) as to produce an electrically isolating portion between two electrically conducting portions in said via. The method involves the step of prior to drilling the hole for the via (240), laminating plating resist layers (233, 234) to the printed circuit board (200) at a distance from each other corresponding to the desired length of the electrically isolated portion of the via. After drilling, copper is added to selected portions of the interior of the via (240) in two different processing steps followed by a step of removing undesired copper as to produce the electrically isolating portion.

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR PROVIDING A LIQUID ADDITIVE, AND METHOD FOR HEATING THE ADDITIVE

 (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 2012 110 585.5 :06/11/2012 :Germany :PCT/EP2013/072141 :23/10/2013 :WO 2014/072176 :NA :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH Address of Applicant: HauptstraBe 128, 53797 Lohmar Germany (72)Name of Inventor: 1)BAUER, Peter 2)FREDERIKSEN, Finn 3)HANSEN, Thomas Tarp
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(57) Abstract:

The present invention relates to a device (1) for providing a liquid additive into an exhaust line (2). The device (1) comprises a tank (3), a delivery line (4), a heating element (5), formed from a posistor, for heating the additive in the tank (3) and/or the delivery line (4), and a dosing device (6) for dosing the liquid additive. The dosing device has a coil (7) and has a movable component (8), wherein the movable component (8) can be moved by means of the coil (7). The coil (7) can be connected electronically in series with the heating element (5) by means of a first switching element (9). By means of the present invention it is possible in an inexpensive manner for the activation current through a heating element (5) composed of a posistor material to be limited in magnitude.

No. of Pages: 18 No. of Claims: 5

(21) Application No.2638/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: MESSAGE TRANSMISSION FOR VEHICLE -TO -VEHICLE COMMUNICATION ENABLED **DEVICES**

(51) International :H04W4/02,H04W4/04,H04W84/18

classification (31) Priority Document No

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/SE2012/051013

No :25/09/2012 Filing Date

(87) International Publication: WO 2014/051473

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE -164 83 Stockholm Sweden

(72)Name of Inventor: 1)KLANG. Goran:

2)BALDEMAIR, Robert;

(57) Abstract:

A method of transmitting a message is disclosed, wherein the method is for a vehicle- to- vehicle communication enabled device adapted to operate in accordance with a vehicle- to- vehicle communication protocol and in accordance with a cellular communication protocol for communication with a wireless communication network. The method comprises determining (110) a geographical position of the vehicle- to -vehicle communication enabled device and determining (150), based on the determined geographical position whether at least one direction extending from the determined geographical position lacks other vehicle- to- vehicle communication enabled devices for reception of the message. If at least one direction lacks other vehicle -to- vehicle communication enabled devices for reception of the message, the method comprises transmitting (170) a report to a network node of the wireless communication network, wherein the report indicates the message. Corresponding computer program product, arrangement and communication device are also disclosed. This method ensures that safety relevant messages are always delivered to all relevant V2V enabled devices even if the device density is too low, in that it bridges the gap by using the cellular network as a backup.

No. of Pages: 42 No. of Claims: 33

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR STABILIZING A PHOSPHITE LIGAND AGAINST DEGRADATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01J31/18,C07C45/50,C07F9/02 :61/705194 :25/09/2012 :U.S.A.	(71)Name of Applicant: 1)DOW TECHNOLOGY INVESTMENTS LLC Address of Applicant: 2020 Dow Center, Midland, MI 48674 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/058714 :09/09/2013 :WO 2014/051975	(72)Name of Inventor: 1)MILLER, Glenn, A.; 2)EISENSCHMID,Thomas, C; 3)BRAMMER, Michael, A.; 4)WATSON, Rick, B.;
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA	4) WA 130N, RICK, B.,
Filing Date	:NA	

(57) Abstract:

A process for stabilizing a phosphite ligand against degradation in a hydroformylation reaction fluid, said process comprising adding an epoxide to the reaction fluid, and further comprising separating one or more phosphorus acidic compounds from the reaction fluid by treating the reaction fluid with an aqueous buffer solution under conditions sufficient to neutralize and remove at least some amount of the phosphorus acidic compounds from the reaction fluid.

No. of Pages: 42 No. of Claims: 10

(22) Date of filing of Application :09/04/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : MOBILE PHONE PROTECTION CASE FILM WITH TRANSPARENT PART AND METHOD FOR 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 Filing Date (62) Divisional to Application Number 	:1020130051491 :07/05/2013 :Republic of Korea :PCT/KR2013/009840 :01/11/2013 :WO 2014/181939 :NA :NA	(71)Name of Applicant: 1)YUN, Nam Woon Address of Applicant:1062-5, Hongye- dong, Dongan-gu Anyang-si Gyeonggi-do 431-080 Republic of Korea (72)Name of Inventor: 1)YUN, Nam Woon 2)YUN, Min Seok 3)NO, Young Kyu 4)AYU, Soo Hyun
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a mobile phone protection case film with a transparent part and a method for manufacturing the same, and specifically a method for manufacturing a protection case film inserted in a protection case cover hinged to one side of a protection case for receiving the back and the sides of a mobile phone so as to open or close the front of the mobile phone, includes the steps of: assembling a first die and a second die so as to form a cavity conforming with the shape of the protection case film; filling the cavity with a molten resin through a gate provided in one side of the cavity; compressing the molten resin filling the cavity by closely contacting the first die and the second die with each other; cooling or hardening the molten resin; removing the molded product by separating the first die and the second die; and cutting off the gate from the molded product. Thus the method can considerably reduce the processing time and cost compared to the conventional processing method using a numerically controlled processing machine and minimize the flaw rate by eliminating the errors according to the skill of a worker so as to improve the reliability of the product.

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

(21) Application No.2968/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: IMPROVED PROCESS FOR PURIFYING GROWTH FACTORS FROM MILK AND PRODUCTS **THEREOF**

(51) International :C07K14/79,C12N9/22,C07K14/475

classification

(31) Priority Document No :2012904391 (32) Priority Date :08/10/2012 (33) Name of priority country: Australia

(86) International :PCT/AU2013/001154

Application No :08/10/2013 Filing Date

(87) International Publication :WO 2014/056026

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)MURRAY GOULBURN CO OPERATIVE CO.

LIMITED

Address of Applicant :Freshwater Place, Level 15, 2 Southbank Boulevard, Southbank, Victoria 3006 Australia

(72)Name of Inventor: 1)BROWN, Andrew;

(57) Abstract:

The invention provides process for purifying RNAses and growth factors from milk or lactoferrin, the process comprising subjecting the milk or lactoferrin to filtration to separate it into a retentate fraction comprising lactoferrin and a permeate fraction comprising growth factors and/or RNAses, wherein prior to and/or during filtration the milk or lactoferrin is subjected to salt treatment such that growth factors and/or RNAses flow into the permeate. The invention also provides RNAses and growth factors obtained from the process of the invention.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :02/02/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: HYDROELECTRICITY PRODUCTION USING VERTICAL CONVEYER BELT SYSTEM

(51) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E02D 15/02	
(51) International classification	:E02D15/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJESH KUMAR KHOSLA
(32) Priority Date	:NA	Address of Applicant :75A/54C, GARDEN COLONY,
(33) Name of priority country	:NA	JALLANDHAR, PUNJAB Punjab India
(86) International Application No	:NA	2)SHEENAM KHOSLA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJESH KUMAR KHOSLA
(61) Patent of Addition to Application Number	:NA	2)SHEENAM KHOSLA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention consists of apparatus for production of hydroelectricity comprising a vertical conveyer belt system either of rubber conveyer belt, track or vertical chain system. In this, there are two pillars which can be of concrete or steel or any other material. These pillars will be situated outside the river at proper position and have equal distance between them from bottom to top. Two shafts attached with bearings and brackets on both sides are fixed on a steel structure which is attached to the pillars at equal distance. After checking the smooth movements of shafts, four gears with suitable pitch will be fixed on shafts. Two proper chains that match with the gear pitch will be fixed on the gears properly. Both the chains will be connected with buckets that have length, breadth and depth according to the requirement and have an open region where water will fall. The size of the buckets and their number can be increased or decreased according to the requirement. Now water from a substantially higher position will travel to substantially lower position via pipe or any other source and will fall on the open region of the topmost bucket, say bucket A and bucket A gets filled. After filling the bucket A, water fails en the next bucket. In this way all the buckets on the one side of the apparatus, say side M gets filled with water. Gravitational force acts on the weight of water in the buckets of side M causing side M to move downwards. Due to which the bucket A moves from upper position to lower position where it overturns and releases the water. As the buckets move downwards next empty buckets take their position and water fill them. Here a continuous process starts which rotates the shaft which is connected with electrical generator and when the generator rotates, it produces electricity.

No. of Pages: 16 No. of Claims: 10

(21) Application No.2643/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (I)

(51) International classification	:C11B9/00,A23L1/226,A61L9/01	(71)Name of Applicant :
(31) Priority Document No	:12187637.9	1)DSM IP ASSETS B.V.
(32) Priority Date	:08/10/2012	Address of Applicant :Het Overloon 1, NL- 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No Filing Date	:PCT/EP2013/070836 :07/10/2013	(72)Name of Inventor: 1)BEUMER, Raphael; 2)TSCHUMI, Johannes;
(87) International Publication No	:WO 2014/056851	3)GRESSLY, Michael;
(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 the use of specific organic compounds as flavor and fragrance material. Furthermore the invention relates to new specific organic compounds and their synthesis, as well as to flavor and fragrance formulations comprising at least one of the specific organic compounds.

No. of Pages: 44 No. of Claims: 10

(21) Application No.2644/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (II)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C11B9/00,A23L1/226,A61K8/35 :12187641.1 :08/10/2012 :EPO :PCT/EP2013/070830 :07/10/2013	 (71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Patent Department, Het Overloon 1, NL -6411 The Heerlen Netherlands (72)Name of Inventor: 1)BEUMER, Raphael 2)TSCHUMI, Johannes
(87) International Publication	:WO 2014/056847	3)GRESSLY, Michael
(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 the use of specific organic compounds as flavor and fragrance material. Furthermore the invention relates to a new specific organic compound, as well as to flavor and fragrance formulations comprising at least one of the specific organic compounds.

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

(21) Application No.2645/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (III)

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C11B9/00,A23L1/226,A61K8/34 :12187646.0 :08/10/2012 :EPO	 (71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Patent Department, Het Overloon 1, NL- 6411 The Heerlen Netherlands
(86) International Application No Filing Date (87) International Publication	:PCT/EP2013/070831 :07/10/2013 :WO 2014/056848	(72)Name of Inventor: 1)BEUMER, Raphael; 2)TSCHUMI, Johannes; 3)GRESSLY, Michael
No (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 the use of specific organic compounds as flavor and fragrance material. Furthermore the invention relates to new specific organic compounds, as well as to flavor and fragrance formulations comprising at least one of the specific organic compounds.

No. of Pages: 54 No. of Claims: 14

(21) Application No.2971/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : IMPROVED PROCESS FOR PURIFYING LACTOFERRIN FROM MILK AND PRODUCTS THEREOF

(51) International :C07K14/79,C07K1/34,A61K38/40

classification (31) Priority Document No :2012904391

(32) Priority Date :08/10/2012(33) Name of priority country :Australia

(86) International Application PCT/AU2013/001152

Filing Date :08/10/2013

(87) International Publication :WO 2014/056025

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)MURRAY GOULBURN CO OPERATIVE CO.

LIMITED

Address of Applicant :Freshwater Place, Level 15, 2 Southbank Boulevard, Southbank ,Victoria 3006 Australia

(72)Name of Inventor:

1)BROWN, Andrew

(57) Abstract:

The invention provides a process for purifying lactoferrin from milk, the process comprising subjecting the milk to filtration to separate it into a retentate fraction comprising lactoferrin and a permeate fraction comprising growth factors and/or RNAses, wherein prior to and/or during filtration the milk is subjected to salt treatment such that growth factors and/or RNAses flow into the permeate. The invention also provides lactoferrin obtained from the process of the invention and uses thereof.

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

(21) Application No.2646/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (IV)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C11B9/00,A23L1/226,A61K8/34 :12187649.4 :08/10/2012 :EPO :PCT/EP2013/070832 :07/10/2013	 (71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Patent Department, Het Overloon 1, NL -6411 The Heerlen Netherlands (72)Name of Inventor: 1)BEUMER, Raphael; 2)TSCHUMI, Johannes;
(87) International Publication No	:WO 2014/056849	3)GRESSLY, Michael
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the use of specific organic compounds as flavor and fragrance material. Furthermore the invention relates to new specific organic compounds as well as to flavor and fragrance formulations comprising at least one of the specific organic compounds.

No. of Pages: 26 No. of Claims: 12

(21) Application No.2647/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (V)

(51) International classification	:C11B9/00,A23L1/226,A61K8/37	(71)Name of Applicant:
(31) Priority Document No	:12187650.2	1)DSM IP ASSETS B.V.
(32) Priority Date	:08/10/2012	Address of Applicant :Patent Department, Het Overloon 1,
(33) Name of priority country	:EPO	NL- 6411 The Heerlen Netherlands
(86) International Application No Filing Date	:PCT/EP2013/070833 :07/10/2013	(72)Name of Inventor: 1)BEUMER, Raphael; 2)TSCHUMI, Johannes;
(87) International Publication No	:WO 2014/056850	3)GRESSLY, MiGRESSLY, Mi¬
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the use of a specific organic compound as flavor and fragrance material. Furthermore the invention relates to flavor and fragrance formulations comprising such a specific organic compound.

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

(21) Application No.2648/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: FLAVOR AND FRAGRANCE FORMULATION (VI)

(51) International classification:C11B9/00,A61L9/01,C07C69/145 (71)Name of Applicant: (31) Priority Document No :12187652.8 (32) Priority Date :08/10/2012 (33) Name of priority country :EPO (86) International Application :PCT/EP2013/070838

:07/10/2013 Filing Date

(87) International Publication :WO 2014/056853

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)DSM IP ASSETS B.V.

Address of Applicant: Het Overloon 1, NL-6411 Te Heerlen

Netherlands

(72) Name of Inventor: 1)BEUMER, Raphael 2)TSCHUMI ,Johannes 3) GRESSLY, Michael

(57) Abstract:

The present invention relates to the use of specific organic compounds of formula (I) as flavor and fragrance material. Furthermore the invention relates to a new specific organic compound, as well as to flavor and fragrance formulations comprising at least one of the specific organic compounds.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: INTEGRATING MOBILE DEVICES INTO A FIXED COMMUNICATION INFRASTRUCTURE

:H04W4/04,H04W4/02 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AMADEUS S.A.S. :12 290 450.1 (32) Priority Date Address of Applicant :485 route du Pin Montard, Sophia :20/12/2012 (33) Name of priority country :EPO Antipolis, F- 06410 Biot France (86) International Application No (72) Name of Inventor: :PCT/EP2013/003801 Filing Date 1)ORTON, David; :16/12/2013 (87) International Publication No :WO 2014/095030 2) DERSY, Julien; (61) Patent of Addition to Application 3)SHETH, Milan; :NA Number 4)DOMURADO, Vincent; :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A fixed communication infrastructure comprises at least one device server and a plurality of fixed IT devices which are coupled to the at least one device server. A mobile communication device is coupled by a wireless communication link to the fixed communication infrastructure. The respective locations of the fixed IT devices are recorded by the device server. The mobile communication device requests identification information of at least one fixed IT device which is located within its vicinity from the device server via the wireless communication link. The mobile communication device receives the requested identification information from the device server. The mobile communication device transmits a request to a fixed IT device identified by the device server and the fixed IT device serves the request.

No. of Pages: 39 No. of Claims: 14

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: DATA DISTRIBUTING METHOD AND MANAGEMENT NODE

 (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 	:G06F17/30 :201210351902.0 :20/09/2012 :China :PCT/CN2013/081203 :09/08/2013 :WO 2014/044092 :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)QU, Wenwu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a data distributing method and a management node, wherein the method comprises: according to the received cross connect request, acquiring numbers of sub tables separately included in table A and table B wherein the table A and the table B should perform cross connect serial numbers of sub-tables, number of nodes and serial numbers of nodes; setting the serial number of the sub-table included in table A or table B in the directions of abscissa and ordinate in sequence as length and width of a big rectangle separately to make the big rectangle; separating the big rectangle into two sub-rectangles according to a construction method wherein two sub-rectangles are separately a first sub-rectangle and a second sub-rectangle; equality separating the first sub-rectangle and the second sub-rectangle separately to form several mini-rectangles wherein each mini-rectangle is correspond to a serial number of a computing node and is correspond to a serial number of a sub-table; distributing sub-table corresponding to each mini-rectangle into computing node of each sub-rectangle. The present invention could decrease transmission data quantity and lighten network transmission load.

No. of Pages: 22 No. of Claims: 8

(21) Application No.2649/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : RUPTURE DISC HAVING LASER- DEFINED LINE OF WEAKNESS WITH DISC OPENING AND ANTI- FRAGMENTATION CONTROL STRUCTURES

(51) International classification :B65D90/32,B65D90/36 (71)Name of Applicant : (31) Priority Document No 1)FIKE CORPORATION :13/780729 (32) Priority Date Address of Applicant: 704 South 10th Street, Blue Springs, :28/02/2013 (33) Name of priority country Missouri 64015 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2014/016058 Filing Date :12/02/2014 1)WALKER, Joe; (87) International Publication No :WO 2014/133763 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A rupture disc (10) is provided comprising a line of opening (16) formed in at least one face thereof. The line of opening (16) is formed by laser machining of the disc s face and includes at least one disc opening control feature (20). The disc opening control feature (20) may be an opening initiation feature configured to assist with initial rupture of the disc (10). Alternatively the opening control feature (20) may be an anti fragmentation feature configured to dissipate the energy acting upon the disc (10) so as to prevent separation of the petal formed upon opening of the disc.

No. of Pages: 49 No. of Claims: 37

(21) Application No.2977/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLUID DELIVERY SYSTEM AND METHODS

(51) International :A61M5/14,A61M5/32,A61M5/142

classification .AOTWI3/14,AOTWI3/32,A

(31) Priority Document No :PCT/IB2012/055626

(32) Priority Date :16/10/2012

(33) Name of priority country:

(86) International Application :PCT/IB2013/059393

No :16/10/2013

Filing Date (87) International Publication

:WO 2014/060965

(61) Patent of Addition to
Application Number :NA

Application Number :NA :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)SWISSINNOV PRODUCT SRL

Address of Applicant :Route de l'Etra 1, CH -1196 Gland

Switzerland

(72)Name of Inventor:1)NAVARRO, Thierry;2)JUNOD, Florent;

(57) Abstract :

A fluid delivery device for delivering small quantities of a fluid such as insulin to a patient, comprising a disposable unit comprising a disposable housing (20) that comprises one lower part and one upper part, the lower and upper parts together forming a shell that defines an internal partial toroidal arcuate cavity. The disposable housing fits together with a drive unit (34). The disposable housing (20) contains an arcuate cylinder (28) for containing fluid to be delivered, a piston (38) movably mounted in the cylinder for driving out fluid to be delivered an adhesive support (14) for attaching the disposable housing to a patient, and a cannula (22) that when the disposable housing is attached to a patient is insertable in the patient s skin for delivering fluid to the patient. The drive unit (30) is preferably removably mounted on a front face of the disposable housing (20) opposite the adhesive support the removable drive unit having a shape that when fitted complements the shape of the front face of the disposable housing to form with the disposable housing. The drive unit (30) comprises means for actuating the piston and a control unit for the device.

No. of Pages: 67 No. of Claims: 32

(22) Date of filing of Application :09/04/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : METHOD OF PRODUCING ELECTRODE MATERIAL FOR LITHIUM -ION SECONDARY BATTERY AND LITHIUM -ION BATTERY USING SUCH ELECTRODE MATERIAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:H01M4/139,H01M4/13,H01M4/136 :2794290 :22/10/2012 :Canada :PCT/CA2013/050793	(71)Name of Applicant: 1)HYDRO- QU%BEC Address of Applicant:75 ,boul. Ren- Lvesque Ouest, Montral ,Qubec H2Z 1A4 Canada 2)SEI CORPORATION (72)Name of Inventor: 1)GARIEPY, Vincent; 2)GUERFL Abdelbast;
Filing Date (87) International	:21/10/2013 :WO 2014/063244	3)HANAI, Kazuma; 4)HOVINGTON, Pierre;
Publication No (61) Patent of Addition to	:NA	5)SAITO, Shinji; 6)SAWAI, Takehiko;
Application Number Filing Date (62) Divisional to	:NA	7)URAO, Kazunori; 8)ZAGHIB ,Karim
Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a method for producing an electrode material for a lithium- ion secondary battery. The method comprises the following steps: (a) mixing components of a basic ingredient or active substance of electrode material and a conductive carbon material to obtain a conductive carbon material- composited material; (b) mixing the conductive carbon material composited- material and a surface layer- forming material; an (c) burning the mixture obtained at step (b) to obtain the electrode material. Also there is provided a lithium- ion secondary battery comprising an electrode which comprises the material according to the invention.

No. of Pages: 30 No. of Claims: 33

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HIERARCHICAL CONTROL SYSTEM AND METHOD FOR A TANDEM AXLE DRIVE SYSTEM

(51) International classification(31) Priority Document No	:B60K23/08,B60K17/36,B60W50/00 :61/721589	(71)Name of Applicant: 1)DANA HEAVY VEHICLE SYSTEMS GROUP LLC Address of Applicant: 3939 Technology Drive, PO Box 1000,
(32) Priority Date	:02/11/2012	Maumee, OH 43537 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)NELLUMS, Richard, A.;
(86) International Application No Filing Date	:PCT/US2013/067983 :01/11/2013	2)SURIANARAYANAN,Ananthakrishnan; 3)JOSHI, Sameer, A.; 4)KRISHNAN, Sajeev,C;
(87) International Publication No	:WO 2014/071139	5)SMEDLEY, Daniel, G.; 6)MARKYVECH, Ronald, K.;
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)RENGANATHAN, Sidharth; 8)WESOLOWSKI,Steven, J.;
(62) Divisional toApplication NumberFiling Date	:NA :NA	

(57) Abstract:

A hierarchical control system and method for a tandem axle assembly (102) for a vehicle is provided. The hierarchical control system includes a controller at vehicle level an actuator (104), a shift controller (124), and a sensor. The shift controller (124) is capable of placing the tandem axle assembly (102) in at least a first operating condition and a second operating condition using the actuator (104). In response to the sensor and an operating condition of at least one of a power source (108) and a transmission of a driveline (100) of the vehicle the shift controller adjusts a manner of placing the tandem axle assembly (102) in at least one of the first operating condition and the second operating condition. The hierarchical control system facilitates performing a shifting procedure in an automatic manner or as desired by an operator of the vehicle without excessively increasing a cost and a complexity of the tandem axle assembly.

No. of Pages: 65 No. of Claims: 20

(21) Application No.2650/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: CELLS WITH IMPROVED PENTOSE CONVERSION

(51) International classification :C12N1/19,C12N1/22,C12N9/88 (71)Name of Applicant: (31) Priority Document No 1)DSM IP ASSETS B.V. :12188715.2 (32) Priority Date Address of Applicant : Het Overloon 1, NL- 6411 TE Heerlen :16/10/2012 (33) Name of priority country :EPO Netherlands (72) Name of Inventor: (86) International Application No:PCT/EP2013/071462 Filing Date :15/10/2013 1)JONKERS, Maria Bernedina Elizabeth; (87) International Publication No: WO 2014/060377 2)KLAASSEN, Paul; (61) Patent of Addition to 3) TEUNISSEN, Aloysius Wilhelmus Rudolphus Hubertus; 4)DE JONG, Rene Marcel;

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a cell capable of converting one or more pentose sugar and one or more hexose sugar into fermentation product constitutively expressing one or more heterologous or homologous polypeptide having the amino acid sequence set out in SEQ ID NO: 20, or a variant polypeptide thereof having at least 45% identity to SEQ ID NO 20. In an embodiment the heterologous polypeptide has glyoxalase activity.

No. of Pages: 118 No. of Claims: 17

(21) Application No.2651/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: COLOR LASER MARKING

(51) International classification :B41M5/34,B41M5/337 (71)Name of Applicant : 1)AGFA- GEVAERT (31) Priority Document No :12188143.7 (32) Priority Date Address of Applicant : IP Department 3622, Septestraat 27, B-:11/10/2012 (33) Name of priority country 2640 Mortsel Belgium :EPO (72) Name of Inventor: (86) International Application No :PCT/EP2013/071170 Filing Date :10/10/2013 1)CALLANT, Paul: (87) International Publication No :WO 2014/057039 2) WAUMANS, Bart; (61) Patent of Addition to Application 3) GEUENS, Ingrid; :NA Number 4)AERTS, Bart; :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for preparing a color laser marked article using three infrared lasers L- 1 L- 2 and L-3 having respectively a laser emission wavelength of A(L-1), A(L-2) and A(L-3) and comprising the steps of: - laser marking with the infrared laser L- 1 a first color laser markable layer including an infrared dye IR-1 having an absorption maximum in the infrared region λ max (IR-2); - laser marking with the infrared laser L- 2 a second color laser markable layer including an infrared dye IR-3 having an absorption maximum in the infrared region λ max (IR 2); laser marking with the infrared laser L- 3 a third color laser markable layer including an infrared dye IR-3 having an absorption maximum in the infrared region λ (IR-3); and at least partially exposing the color laser markable article to light having a wavelength between 520 nm and 700 nm wherein the laser emission wavelengths satisfy the condition of: λ (L-1) > λ (L-2) > λ (L-3); the infrared dye absorption maxima satisfy the condition of: λ max(IR-1) > λ max(IR-2) > λ max(IR-3); and the light emitted by the infrared laser L-1 passes , in order - through the third and second color laser markable layer before exposing the first color laser markable layer.

No. of Pages: 92 No. of Claims: 15

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: EXHAUST GAS PROCESSING APPARATUS AND EXHAUST GAS PROCESSING METHOD

(51) International :B01D53/64,B01D53/50,B01D53/77 classification

(31) Priority Document No :13/687716 (32) Priority Date :28/11/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/JP2013/080729

Application No :13/11/2013 Filing Date

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA :NA

(87) International Publication :WO 2014/084054

Application Number Filing Date

(71)Name of Applicant:

1)MITSUBISHI HITACHI POWER SYSTEMS LTD.

Address of Applicant: 3 1 Minatomirai 3 chome Nishi ku

Yokohama shi Kanagawa 2208401 Japan

(72)Name of Inventor: 1)HONJO, SHINTARO 2)SUGITA, SATORU

(57) Abstract:

This exhaust gas processing apparatus produces a post mercury oxidation exhaust gas by denitrating an exhaust gas of a combustion device, then produces a desulfurized waste water by desulfurizing the post-mercury-oxidation exhaust gas, supplies the desulfurized waste water to the combustion device, and controls the amount of the desulfurized waste water to be returned for reuse in the desulfurization in accordance with the halogen concentration in the desulfurized waste water. This exhaust gas processing apparatus is capable of adequately removing mercury from the exhaust gas, and is also capable of more adequately desulfurizing the post-mercury -oxidation exhaust gas.

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

(21) Application No.2981/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: BEVERAGE MACHINE

 (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 	:03/07/2013 :WO 2014/056642 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55, CH -1800 Vevey Switzerland (72)Name of Inventor: 1)FLICK, Jean-Marc; 2)BONACCI, Enzo;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A machine (1) for preparing a beverage from an ingredient capsule (20), comprises: an ingredient capsule processing module (15) having a chamber (16,17) for processing the capsule therein; a passage (2) for a transfer of the capsule to the chamber; and a capsule positioner (40) having at least one member (45a, 45b) that is pivotable about a pivoting axis (A) from a position for receiving and holding the capsule to a position for releasing the capsule into the passage (2). The pivoting axis extends through an area (44) occupied by the capsule when held by the pivotable member(s).

No. of Pages: 35 No. of Claims: 19

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMMUNICATION SYSTEMS AND METHODS

 (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 	:H04L27/00 :13/708055 :07/12/2012 :U.S.A. :PCT/US2013/073660 :06/12/2013 :WO 2014/089481 :NA :NA	(71)Name of Applicant: 1)LINKEDIN CORPORATION Address of Applicant: 2029 Stierlin Court, Mountain View ,California 94043 U.S.A. (72)Name of Inventor: 1)KLEPPMANN, Martin; 2)VOHRA, Rahul; 3)IRWIN, Conrad; 4)MALLABONE, Lee; 5)STOKES Some
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Example communication systems and methods are described. In one implementation, a method receives a message from a message server. The method identifies constituent data contained in the message and accesses supplemental information associated with the message based on the constituent data. The message is modified to include at least one of a portion of the supplemental information and a reference to the supplemental information. The modified message is then communicated to a client device.

No. of Pages: 59 No. of Claims: 20

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR MODIFYING POLYPROPYLENE -BASED FIBRES

(51) International classification :D01F1/10,C08L23/08,C08L77/00 (71)Name of Applicant : (31) Priority Document No :1215927.3

:05/08/2013

(32) Priority Date :06/09/2012

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

(86) International Application :PCT/EP2013/066367

Filing Date

(87) International Publication :WO 2014/037176

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) DEVAN CHEMICALS NV

Address of Applicant: Ninoofsesteenweg 539, B-9600 Ronse-

Renaix Belgium

(72) Name of Inventor:

1)XAVIER. Almeras:

2)LUYCKX, Dirk;

(57) Abstract:

The invention provides a process for preparing dyed, polypropylene -based fibres. Polypropylene having a Melt Flow Index of 45 or less is combined with an additive blend to provide the polypropylene- based polymer composition for forming into fibres. The additive blend is a terpolymer of ethylene, acrylic or methacrylic ester and maleic anhydride or glycidyl methacrylate combined with an amineterminated polyamide, in weight ratio 3:1 to 1:1. Fatty acid monoglyceride may also be used in the polymer composition to further improve dyeability. The polypropylene based fibres are readily dyeable by contacting the fibres with an aqueous dispersion of a disperse dye, to provide fibres with high colour intensity (deep hues) and high dye substantivity and colour fastness, without the need to employ temperatures in excess of the atmospheric pressure boiling point of the dye dispersion.

No. of Pages: 26 No. of Claims: 16

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR EXTRACTING POLYESTER FROM AN ARTICLE

 (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 	:1216921.5 :21/09/2012 :U.K. :PCT/GB2013/052481 :23/09/2013 :WO 2014/045062 :NA :NA	(71)Name of Applicant: 1)WORN AGAIN FOOTWEAR AND ACCESSORIES LIMITED Address of Applicant: Rich Mix Unit CO2, 35-47 Bethnal Green Road, London E1 6LA U.K. (72)Name of Inventor: 1)WALKER, Adam
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for extracting polyester from an article using a solvent system comprising a compound according to any of general Formula I to VI wherein Ri and R2 are each independently selected from: hydrogen, alkyl, alkenyl, alkynyl, aryl or alkoxy groups; R3 to R13 are each independently selected from: hydrogen, alkyl, alkenyl, alkynyl, aryl or alkoxy groups; X is selected from O or S; and each of a to e is a carbon atom wherein the total linear chain length of a- b- c- d- e is in the range of 2 to 5 carbons; R13 and R15 are both independently aryl groups; R14, R16, R17, R18, and R19 are each independently selected from hydrogen, alkyl, alkenyl, alkynyl, or aryl groups; n is an integer in the range of 1 to 8; m is 3; and 1 is an integer in the range of 1 to 3; or combination thereof.

No. of Pages: 18 No. of Claims: 26

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD OF MANUFACTURING A TUBULAR WELDING WIRE

(51) International :B23K35/36,B23K35/40,B23K35/02

classification

(31) Priority Document No :13/743199 (32) Priority Date :16/01/2013 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/074536

Application No :12/12/2013 Filing Date

(87) International Publication :WO 2014/113156

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)HOBART BROTHERS COMPANY

Address of Applicant: 400 Trade Square East, Troy, Ohio

45373 U.S.A.

(72) Name of Inventor: 1)BARHORST, Steven; 2) AMATA, Mario; 3)PAGANO, Kevin;

(57) Abstract:

The invention relates generally to welding and, more specifically, to welding wires for arc welding, such as Gas Metal Arc Welding (GMAW) or Flux Core Arc Welding (FCAW). In one embodiment, a method of manufacturing a tubular welding wire includes disposing a core within a metallic sheath. Further, the core includes an organic stabilizer component, in which the organic stabilizer component is an alkali metal or alkali earth metal salt of an organic molecule or an organic polymer.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR A DIGITAL PCR EXPERIMENT DESIGNER

(57) Abstract:

A computer- implemented method for designing a digital PCR (dPCR) experiment is provided. The method includes receiving , from a user , a selection of optimization type. The optimization type may be maximizing the dynamic range , minimizing the number of substrates including reaction sites needed for the experiment , determining a dilution factor , or determining the lower limit of detection , for example. The method further includes receiving , from the user , a precision measure for an experiment , and a minimum concentration of a target in a reaction site for the experiment. The method also includes determining a set of dPCR experiment design factors for the experiment based on the optimization type. The set of dPCR experiment design factors is then displayed to the user.

No. of Pages: 74 No. of Claims: 47

(21) Application No.3033/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HUMIDITY CONTROL IN CHEMICAL REACTORS

(51) International classification	:C12M1/04,C12M1/00,C12M1/34	(71)Name of Applicant:
(31) Priority Document No	:61/719085	1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(32) Priority Date	:26/10/2012	Address of Applicant :77 Massachusetts Avenue, Cambridge,
(33) Name of priority country	:U.S.A.	MA 02139 U.S.A.
(86) International Application	DCIT/U102012/075015	2)SANOFI
No	:PCT/US2013/066845	(72)Name of Inventor:
Filing Date	:25/10/2013	1)GOH, Shireen;
(87) International Publication	WIO 2014/066701	2)RAM, Rajeev Jagga;
No	:WO 2014/066781	3)LEE, Kevin Shao-Kwan;
(61) Patent of Addition to		4)CANZONERI, Michelangelo;
Application Number	:NA	5)BLUM,Horst;
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Control of humidity in chemical reactors, and associated systems and methods, are generally described. In certain embodiments, the humidity within gas transport conduits and chambers can be controlled to inhibit unwanted condensation within gas transport pathways. By inhibiting condensation within gas transport pathways, clogging of such pathways can be limited (or eliminated) such that transport of gas can be more easily and controllably achieved. In addition, strategies for purging condensed liquid from chemical reactor systems are also described.

No. of Pages: 38 No. of Claims: 41

(21) Application No.3034/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : DEVICE FOR GENERATING AN ALTERNATE RADIOFREQUENCY ELECTROMAGNETIC FIELD, CONTROL METHOD AND PLANT USING SUCH DEVICE

:A23L3/01,H05B6/48 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OFFICINE DI CARTIGLIANO SPA :VI2012A000280 (32) Priority Date :22/10/2012 Address of Applicant :Via San Giuseppe 2, 1-36050 (33) Name of priority country Cartigliano (vi) Italy :Italy (86) International Application No :PCT/IB2013/059541 (72)Name of Inventor: Filing Date :22/10/2013 1)POLATO, Antonio (87) International Publication No :WO 2014/064612 2)MARIN, Riccardo (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A DEVICE FOR GENERATING AN ALTERNATING RADIO- FREQUENCY ELECTROMAGNETIC FIELD IN A WORKING AREA (3), COMPRISES AN APPLICATOR (2) FOR EMITTING THE ELECTROMAGNETIC FIELD IN THE WORKING AREA (3), AN OSCILLATOR (4), FOR PROVIDING AN ALTERNATE VOLTAGE (V) AND ELECTRIC CURRENT (I) HAVING A PREDETERMINED VALUE AND A PREDETERMINED FREQUENCY TO THE APPLICATOR (2), POWER SUPPLY MEANS (5) FOR SUPPLYING A SUBSTANTIALLY DC VOLTAGE (V) TO THE OSCILLATOR (4) CONTROL MEANS (6) ASSOCIATED WITH THE POWER SUPPLY MEANS (5) FOR CONTROLLING THE ELECTRICAL PARAMETERS OF THE AC VOLTAGE, THE AC CURRENT AND/OR THE FREQUENCY PROVIDED TO THE APPLICATOR (2) BY THE OSCILLATOR (4). THE CONTROL MEANS (6) COMPRISE AN INPUT PORT (7) CONNECTED TO THE ELECTRIC POWER NETWORK (N), A FIRST ELECTRONIC CONTROL CIRCUIT (8) WHICH IS CONNECTED TO THE INPUT PORT (7) FOR SUBSTANTIALLY INSTANTANEOUSLY VARYING THE ELECTRICAL PARAMETERS AND INSTANTANEOUS CONTROL OF THE FIELD EMISSION POWER, A SECOND ELECTRONIC CONTROL CIRCUIT (10) FOR REGULATING THE OPERATION OF THE OSCILLATOR (4). THE FIRST ELECTRONIC CIRCUIT (8) HAS AN OUTPUT (9) CONNECTED TO THE POWER SUPPLY MEANS (5). A PLANT COMPRISES THE DEVICE AND A CONTROL METHOD FOR THE DEVICE.

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

(21) Application No.3035/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRODUCING CATALYSTS ON THE BASIS OF BORON ZEOLITES

(71)Name of Applicant: 1)EVONIK DEGUSSA GMBH (51) International classification :B01J29/86,C01B37/00 Address of Applicant: Rellinghauser Strae 1-11, 45128 Essen (31) Priority Document No :10 2012 217 923.2 Germany (32) Priority Date :01/10/2012 2)EVONIK INDUSTRIES AG (33) Name of priority country :Germany (72)Name of Inventor: (86) International Application No :PCT/EP2013/069824 1)NAU, Asli :24/09/2013 Filing Date 2)ZANTHOFF, Horst -Werner (87) International Publication No :WO 2014/053360 3) GEILEN, Frank (61) Patent of Addition to Application :NA 4)QUANDT, Thomas Number 5)MASCHMEYER, Dietrich :NA Filing Date 6)WINTERBERG, Markus (62) Divisional to Application Number :NA 7) PEITZ, Stephan Filing Date :NA 8)BUKOHL, Reiner 9)B-ING, Christian

(57) Abstract:

WITH THE METHOD DESCRIBED, BORON -CONTAINING SILICATES OF ZEOLITHIC STRUCTURE ARE OBTAINED, WHICH AS CATALYSTS FOR SPLITTING MTBE , HAVE NEGLIGIBLE DME AND C SELECTIVITY AND SIMULTANEOUSLY HIGH ACTIVITY.

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

(22) Date of filing of Application: 11/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: DETERMINATION OF PHASE OFFSETS IN A POWER SUPPLY SYSTEM HAVING MULTIPLE **SWITCHING CONVERTERS**

(51) International classification :H02M3/158,H02M1/14 (71)Name of Applicant : (31) Priority Document No :PCT/EP2012/073945 (32) Priority Date :29/11/2012 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/074847 Filing Date :27/11/2013

(87) International Publication No :WO 2014/083050

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :S- 164 83 Stockholm Sweden (72)Name of Inventor: 1)LARSSON, Andreas:

2)MELLTEG, Magnus; 3)HOLMBERG, Torbjorn;

(57) Abstract:

A controller (500) for determining a distribution of switching phases among switching elements of a power supply system The power supply system has a plurality of voltage converters, each comprising a switching element and being arranged to convert an input voltage supplied to the voltage converters to a respective output voltage by switching the switching element at a predetermined frequency. The controller (500) comprises a receiver (510) for receiving one or more signals indicative of a respective contribution from each of the voltage converters to a ripple current component of an input current of the voltage converters and a rank determining module (520) configured to rank the voltage converters in order of decreasing contribution to the ripple current. The controller (500) further comprises a switching phase offset calculator (530) configured to calculate a respective switching phase offset that is to be applied for the switching element in each of the voltage converters by: (i) calculating respective phase offsets of the two highest ranked voltage converters that would minimise an input current ripple caused only by said two highest ranked voltage converters; (ii) calculating a phase offset of the next -highest ranked voltage converter that would minimise an input current ripple caused only by said next -highest ranked voltage converter and the voltage converters ranked higher than said next -highest voltage converter; and (iii) repeating step (ii) for each subsequent voltage converter in the ranking. The controller (500) also includes an output signal generator (540) configured to generate one or more output signals defining the calculated switching phase offsets to be applied to the switching of the respective switching elements.

No. of Pages: 73 No. of Claims: 23

(21) Application No.2592/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: MONOCLONAL ANTIBODIES AND DETECTION METHODS FOR ENZYMES THAT CONFER RESISTANCE TO PHOSPHINOTHRICIN -N -ACETYL- TRANSFERASE

(51) International :C07K16/40,C12N5/12,G01N33/573 classification

(31) Priority Document No :61/711950 (32) Priority Date :10/10/2012 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2013/064103 Application No

:09/10/2013 Filing Date

(87) International Publication :WO 2014/059002

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(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)SHAN, Guomin 2)MA, Eric H.

(57) Abstract:

Described herein are monoclonal antibodies and methods useful for determining and quantitating the presence of a phosphinothricin N -acetyl- transferase enzyme. The claimed antibodies and methods are particularly useful for identifying and quantitating the presence of phosphinothricin -N- acetyl transferase expressed in trangenic plants.

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

(22) Date of filing of Application :30/03/2012

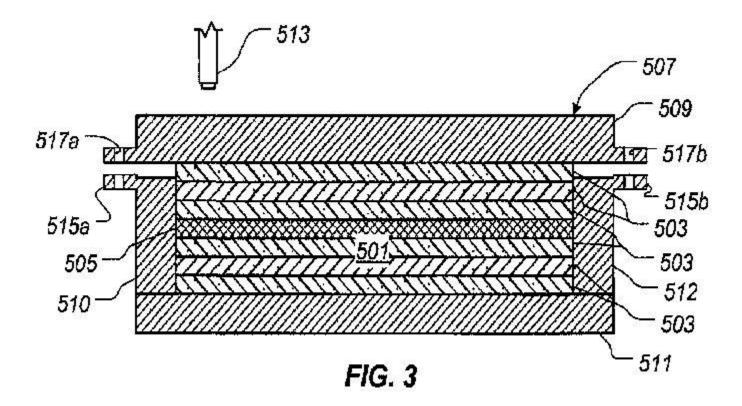
(43) Publication Date: 18/09/2015

(54) Title of the invention: ROTOR YOKE AND METHOD OF MAKING 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 	:B64C 27/00 :NA :NA :NA :PCT/US2009/060450 :13/10/2009 :WO 2011/046543	(71)Name of Applicant: 1)BELL HELICOPTER TEXTRON INC. Address of Applicant: P.O. BOX 482, FORT WORTH, TX 76101, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)STAMPS, FRANK, B. 2)TISDALE, PAT
e		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of making a composite rotor yoke includes preparing a molded rotor yoke in a closed cavity tool and possibly machining at least one portion of the molded rotor yoke to form the rotor yoke. In the preferred embodiment, preparing the molded rotor yoke is accomplished by applying layers of uncured low-flow composite material and a layer of uncured high-flow adhesive; substantially enclosing the uncured molded rotor yoke in the closed cavity tool; applying pressure so as to compress the uncured molded rotor yoke, and curing the uncured molded rotor yoke. During the curing process, the high-flow adhesive bleeds out of the molded rotor yoke, thereby preventing marcels from forming through movement of the low-flow composite material.



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

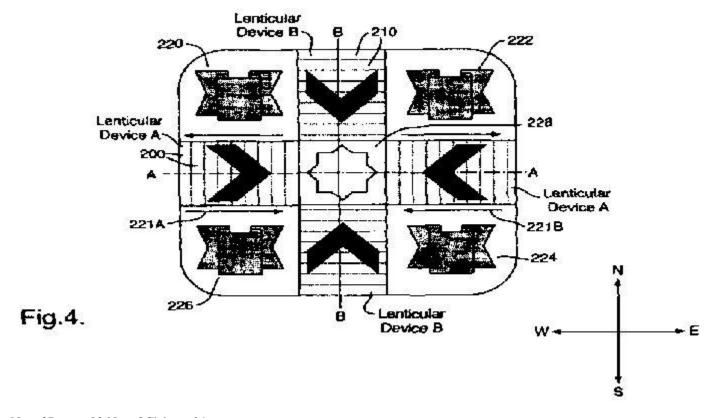
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SECURITY DEVICE AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:B42D 15/00	(71)Name of Applicant:
(31) Priority Document No	:0919109.9	1)DE LA RUE INTERNATIONAL LIMITED
(32) Priority Date	:30/10/2009	Address of Applicant :DE LA RUE HOUSE, JAYS CLOSE,
(33) Name of priority country	:U.K.	VIABLES, BASINGSTOKE, HAMPSHIRE RG22, 4BS,
(86) International Application No	:PCT/GB2010/001994	UNITED KINGDOM U.K.
Filing Date	:27/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/051669	1)COMMANDER, LAWRENCE GEORGE
(61) Patent of Addition to Application	:NA	2)HOLMES, BRIAN WILLIAM
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A security device comprises at least two lenticular devices (A, B), each lenticular device having an array of elongate lenticular focusing elements (200, 210) located above respective sets of image strips, wherein the elongate directions in which the lenticular focusing elements (200, 210) of the two lenticular devices extend are different.



No. of Pages: 23 No. of Claims: 24

(21) Application No.3095/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROTECTIVE SYRINGE SLEEVE

 (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 	:02/11/2010 :WO 2011/056214	(71)Name of Applicant: 1)FISHMAN CORPORATION Address of Applicant:192 SOUTH STREET, HOPKINTON, MA 01748, U.S.A. U.S.A. (72)Name of Inventor: 1)W. SCOTT BEEBE
* /	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A protective sleeve (20) placed within the cylinder of a syringe (2), the sleeve protects a piston (4) and a computer controlled device or human operator pushing the piston from material leaking past a piston assembly (4). The sleeve has lips (22, 24) or ridges at either end, one (22) that is attached to the piston assembly at the output end (8) of the syringe and a second lip (24) that is attached with a retention plate at the far end of the syringe. The sleeve may have a bellows or accordion configuration that slides along the inner surface (12) of the syringe cylinder (14) without appreciably loading the drive mechanism.

No. of Pages: 11 No. of Claims: 5

(21) Application No.3096/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITIONS AND METHODS TO CONTROL OOMYCETE FUNGAL PATHOGENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A01N 33/00 :61/251,037 :13/10/2009 :U.S.A. :PCT/US2010/052477 :13/10/2010 :WO 2011/047025	(72)Name of Inventor : 1)NORMAN PEARSON
		·
<u> </u>		
	:WO 2011/04/025	
(61) Patent of Addition to Application	:NA	2)LEI LIU
Number	:NA	3)ROBERT EHR
Filing Date	INA	4)JOHN ATKINSON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The present invention relates to fungicidal compositions and their use for controlling oomycete pathogen induced disease or diseases in one or more plants.

No. of Pages: 30 No. of Claims: 25

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND PROTOCOLS FOR INTER-MOBILITY ACCESS GATEWAY TUNNELING FOR FAST HANDOFF TRANSITION

Nullioti	Address of Applicant :2351 BOULEVARD ALFRED- NOBEL, ST. LAURENT, QUEBEC H4S 2A9, CANADA Canada (72)Name of Inventor : (2010 1)AHMAD MUHANNA 2)ERIC PARSONS 3)MARVIN BIENN
Number	, , , , , , , , , , , , , , , , , , ,
Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

FGA system and method for transitioning connectivity of a mobile node between mobility access gateways on a communication system using an inter-MAG tunneling protocols for a fast handoff. The protocols can use pre-configured or dynamic protocols on the IP-Layer or another layer on the protocol stack. In a hi-directional tunneling mechanism, the protocol and system supports the transfer of the mobility session context information for the mobile node to the next MAG in advance of the fast handoff to avoid delays and an inter-serving gateway bidirectional tunneling mechanism to allow forwarding of the mobility session traffic between new serving gateway and the prior serving gateway without ambiguity.

No. of Pages: 39 No. of Claims: 20

(21) Application No.2921/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ETHYLENE -BASED POLYMERS AND PROCESSES TO MAKE 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 	:C08F10/02 :61/707342 :28/09/2012 :U.S.A. :PCT/US2013/030787 :13/03/2013 :WO 2014/051682 :NA :NA	(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)KARJALA, Teresa P.; 2)KARDOS, Lori L.; 3)YAU, Wallace,W.; 4)ORTEGA, Jose; 5)VIGIL, Alfred E.;
E	:NA :NA	-,

(57) Abstract:

An ethylene- based- polymer, which is a low density polyethylene (LDPE), obtained by free radical polymerization of ethylene, and wherein the LDPE has a GPC parameter LSP less than 1.60. An ethylene- based polymer that comprises the following features: a) at least 0.1 amyl groups per 1000 total carbon atoms; b) a melt index of 0.01 to 0.3; c) a z- average molecular weight of Mz (conv.) of greater than 350 000 g/mol and less than 425 ,000 g/mol; d) a gpcBR value from 1.50 to 2.05, and e) a MWD(conv) [Mw(conv)/Mn(conv)] from 6 to 9. An ethylene- based polymer that comprises the following features: a) at least 0.1 amyl groups per 1000 total carbon atoms; b) a melt viscosity ratio (V0.1/V100), at 190°C, greater than, or equal to 58; c) a melt viscosity at 0.1 rad/s, 190°C, greater than or equal to 40,000 Pa·s and d) a gpcBR value from 1.50 to 2.25.

No. of Pages: 44 No. of Claims: 15

(21) Application No.3102/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROLLER COOLING 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 	:13/10/2010 :WO 2011/047491 :NA :NA :NA	(71)Name of Applicant: 1)BBA INNOVA AG Address of Applicant:BUCHSERSTRASSE 12, CH-5000 AARAU, SWITZERLAND Switzerland (72)Name of Inventor: 1)URS KIRCHHOFER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a roller cooling device for continuously converting a hot, flow able mass into solid chips by way of cooling down said mass, comprising at least one cooling roller (1), a crushing roller (2), and a pressing belt (3) circulating over pulleys (4). According to the invention, said parts (1-4) are retained only from one side and the rollers (1,2) are supported only on said side and are driven proceeding from said side, and said parts (1-4) are accessible and or removable from the other side for cleaning purposes.

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

(21) Application No.3103/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : DEVICE FOR DETECTING A BLOCKAGE OF A MECHANICAL FLUID METER, AND METER FEATURING BLOCKAGE DETECTION

 (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 	:G01F 1/05 :09/04926 :14/10/2009 :France :PCT/IB2010/054584 :11/10/2010 :WO 2011/045725 :NA :NA	(71)Name of Applicant: 1)SUEZ ENVIRONMENT Address of Applicant: TOUR CB21, 16, PLACE DE I'IRIS, F- 92040 PARIS LA DEFENSE, FRANCE France (72)Name of Inventor: 1)JEAN-PAUL BORLEE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a mechanical fluid meter, for liquid or gas, comprising an electronic device (E) that has means for metering, and generally also displaying, consumption, said fluid meter including: at least one fluid temperature sensor (3) near the meter and at least one ambient temperature sensor (4) where the meter is installed; a connection means between the temperature sensors (3, 4) and the electronic device (E); and analysis means (5) for establishing the temperature difference ($\Delta\theta$) between the fluid temperature and the ambient temperature and for taking into account the fluid flow rate value supplied by the meter, said analysis means being programmed so as to display and/or transmit information indicating a meter blockage when the temperature difference ($\Delta\theta$) is higher than a predetermined limit and the flow rate value supplied by the meter is zero.

No. of Pages: 19 No. of Claims: 12

(21) Application No.3104/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the ivention: NOVEL COMPOUNDS HAVING PHENANTHROLINE STRUCTURE

 (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 471/04 :2009-212421 :14/09/2009 :Japan :PCT/JP2010/005588 :13/09/2010 :WO 2011/030566 :NA :NA :NA	(71)Name of Applicant: 1)B.R.A.H.M.S GMBH. Address of Applicant: NEUENDORFSTRASSE 25, 16761 HENNIGSDORF, GERMANY Germany (72)Name of Inventor: 1)MIKIO HOSHINO 2)TOSHISADA YANO
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(57) Abstract:

The present invention provides a novel compound having a phenanthroline structure represented by the following formula (I) or a salt thereof: Formula (I):

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

(21) Application No.3105/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: FITTING FOR A VEHICLE SEAT

 (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 	:20 2009 017811.0 :10/11/2009 :Germany	(71)Name of Applicant: 1)KEIPER GMBH & CO. KG Address of Applicant: HERTELSBRUNNENRING 2, 67657 KAISERSLAUTERN GERMANY Germany (72)Name of Inventor: 1)CHRISTIAN JOKIEL 2)MARTIN STILLEKE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fitting (10) for a vehicle seat, in particular for a motor vehicle seat. The fitting comprises a first fitting part (11) and a second fitting part (12), which are in geared connection to each other by means of a gearwheel (16) and a gear rim (17) that mesh with one another, a revolving cam (27, 27), driven by a driver (21) for driving a relative rolling motion between the gearwheel (16) and the gear rim (17), wherein the first fitting part (11) receives the cam (27, 27), which is supported against the second fitting part (12), and a blocking element (51), which in the non-driven state of the fitting (10) blocks the cam (27, 27) by cooperating with toothing (55) formed on the first fitting part (11) and which releases the cam (27, 27) when the latter is driven by the driver (21). In such a fitting, the gear rim (17) is formed on the first fitting part (11) comprising the toothing (55) and the gearwheel (16) is formed on the second fitting part (12).

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: LASER NOZZLE HAVING AN EXTERNAL MOBILE ELEMENT

(51) International :B23K26/04,B23K26/14,B23K26/38 classification

(31) Priority Document No :1260656 (32) Priority Date :09/11/2012 (33) Name of priority country: France

(86) International :PCT/FR2013/052533

Application No :23/10/2013 Filing Date

(87) International Publication :WO 2014/072609

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number**

:NA Filing Date

(71)Name of Applicant:

1)L'AIR LIQUIDE ,SOCIETE ANONYME POUR L'ETUDE ET LEXPLOITATION DES PROCEDES

GEORGES CLAUDE

Address of Applicant: 75, Quai d'Orsay, F-75007 Paris France

(72) Name of Inventor: 1) JOUANNEAU, Thomas; 2) LEFEBVRE, Philippe;

(57) Abstract:

The invention relates to a nozzle for laser cutting, comprising a nozzle body (1) comprising a first axial passage (5), an external cover (13) comprising an axial housing (7), the nozzle body (1) being arranged at least partially in said axial housing (7), and a mobile element (3) comprising a second axial passage (4) and a front part (3a) forming a skirt said mobile element (3) being arranged between the external cover (13) and the nozzle body (1) and being able to move in translation in the axial housing (7) in the external cover (13), and an elastic element (8) arranged in the axial housing (7), between the external cover (13) and the nozzle body (1). According to the invention, the mobile element (3) is able and designed to be moved in translation in the axial housing (7) in the direction of the first outlet orifice (14) under the effect of a gas pressure of said assist gas (23) that is applied in said axial housing (7) and is exerted on said mobile element (3), said elastic element (8) exerting an elastic return force on the mobile element (3), tending to oppose the movement in translation of the mobile element (3). Associated laser head and installation. Laser cutting process implementing such a nozzle.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: LASER NOZZLE HAVING AN INTERNAL MOBILE ELEMENT AND AN EXTERNAL COVER

(51) International :B23K26/04,B23K26/14,B23K26/38 classification

(31) Priority Document No :1260674 (32) Priority Date :09/11/2012 (33) Name of priority country: France

(86) International :PCT/FR2013/052535

Application No :23/10/2013 Filing Date

(87) International Publication :WO 2014/072611

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** Filing Date

:NA

(71)Name of Applicant:

1)L'AIR LIQUIDE ,SOCIETE ANONYME POUR L'ETUDE ET LEXPLOITATION DES PROCEDES

GEORGES CLAUDE

Address of Applicant: 75, Quai d'Orsay, F-75007 Paris France

(72) Name of Inventor: 1) JOUANNEAU, Thomas 2)LEFEBVRE Philippe

(57) Abstract:

The present application describes a laser nozzle comprising a nozzle body (1) comprising a first axial housing (5) comprising a first outlet orifice (11) located at a front face (1a) of the nozzle body (1), a mobile element (2) arranged in the first axial housing (5) in the nozzle body (1), comprising a front part (2a) forming a skirt and an axial passage (4) having a second outlet orifice (12) that leads out at said front part (2a) forming a skirt, and an elastic element (8) arranged in the first axial housing (5), between the nozzle body (1) and the mobile element (2). According to the invention the mobile element (2) is able to be moved in translation in the first axial housing (5) in the direction of the first outlet orifice (11) under the effect of a gas pressure exerted on the mobile element (2), and the elastic element (8) exerts an elastic return force on the mobile element (2), tending to oppose the movement in translation in the first axial housing (5) in the direction of the first outlet orifice (11). In addition the nozzle comprises an external cover (13) forming a sleeve around all or part of the nozzle body (1). The present application also defines a focusing head and an associated laser cutting installation, and also a laser beam cutting process implementing such a nozzle, such a laser focusing head or such an installation.

No. of Pages: 23 No. of Claims: 12

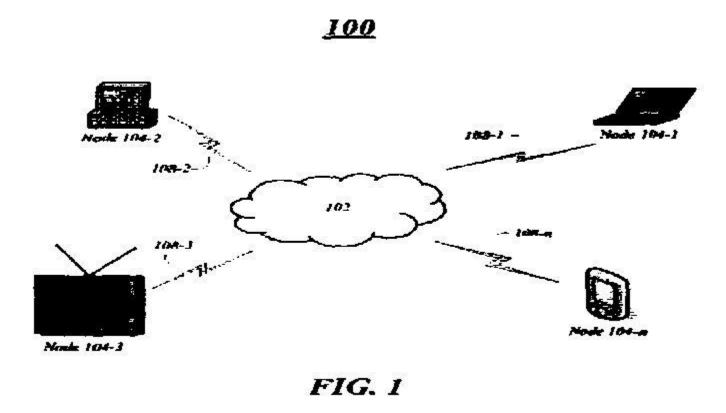
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPRATUS FOR MULTIPLE ACCESS FOR DIRECTIONAL WIRELESS 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 (61) Patent of Addition to Application Number 	:10/11/2010 :WO 2011/081720 :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, UNITED SATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CORDIERO, CARLOS 2)TRAININ, SOLOMON
	:NA :NA	2)TRAININ, SOLOMON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method, system, apparatus and article are described for providing multiple access for directional wireless networks. A method may comprise, for example, establishing a distributed contention-based period (CBP) for a directional wireless network and transmitting information from a first device to a second device based on one or more distributed CBP rules, wherein the transmission comprises a directional transmission. Other embodiments are described and claimed.



No. of Pages: 27 No. of Claims: 30

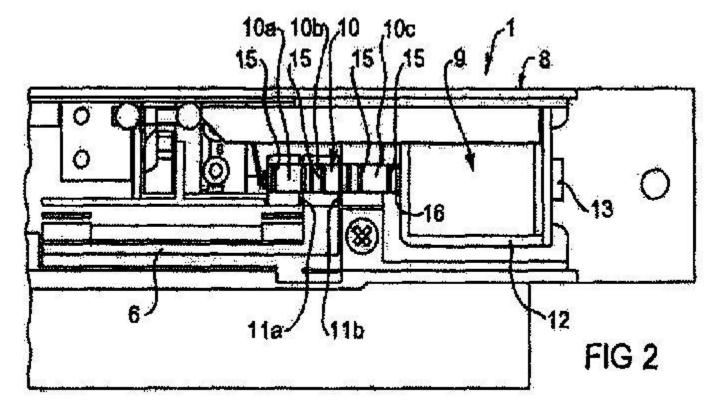
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED ELECTRIC STRIKE AND COMBINATION WITH IMPROVED LOCK ASSEMBLY

(51) International classification	:E05B 15/02	(71)Name of Applicant:
(31) Priority Document No	:2009904862	1)ASSA ABLOY AUSTRALIA PTY LTD
(32) Priority Date	:06/10/2009	Address of Applicant :235 HUNTINGDALE ROAD,
(33) Name of priority country	:Australia	OAKLEIGH, VICTORIA 3166, AUSTRALIA Australia
(86) International Application No	:PCT/AU2010/001305	(72)Name of Inventor:
Filing Date	:06/10/2010	1)ARMARI, ERNEST
(87) International Publication No	:WO 2011/041830	2)AYLESBURY, MARK
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NTA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to an improved electric strike assembly (1) including a keeper (6) which is mounted to a housing (8). A locking means including an electrical actuator (9) and a detent (10) configured to resist adjustment of the detent (10) from an active lock condition. The detent (10) is preferably grooved so as to catch on the keeper (6) or housing (8) preventing it moving from an active condition.



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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR THE INHIBITION OF TRANSPLANT REJECTION

 (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 	:C07K 14/705 :61/238,605 :31/08/2009 :U.S.A. :PCT/US2010/047384 :31/08/2010 :WO 2011/026132 :NA :NA	(71)Name of Applicant: 1)AMPLIMMUNE, INC. Address of Applicant: 45 W. WATKINS MILL ROAD, SUITE A, GAITHERSBURG, MD 20878, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SOLOMON LANGERMANN 2)LINDA LIU
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(57) Abstract:

Methods for modulating immune responses in a subject are provided. A preferred embodiment provides methods and compositions for reducing or inhibiting transplant rejection in a subject, preferably a human subject. Transplant rejection can be inhibited or reduced in a subject by administering an effective amount of B7-H4 polypeptide, fragments or fusions thereof to inhibit or reduce the biological activity of an immune cell or to reduce the amounts of proinflammatory molecules at a site of transplant. ThI, ThI 7 and Th22 cells are exemplary T cells that can be targeted for inhibition by B7-H4 polypeptides, fusion pro¬teins or fragments thereof to inhibit or reduce inflammation.

No. of Pages: 261 No. of Claims: 13

(21) Application No.2930/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: AMIDE DERIVATIVE AND USE OF THE SAME AS STABILITY INDEX OF A LULICONAZOLE PHARMACEUTICAL FORMULATION

(51) International :C07D409/06,A61K31/4178,A61P31/10

:WO 2014/041825

classification

(31) Priority Document :2012202696

(32) Priority Date :14/09/2012

(33) Name of priority

:Japan country

(86) International

:PCT/JP2013/055025 Application No :19/02/2013

Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)POLA PHARMA INC.

Address of Applicant :8-9-5, Nishigotanda ,Shinagawa -ku

Tokyo 1410031 Japan

2)NIHON NOHYAKU CO., LTD.

(72)Name of Inventor:

1)MASUDA, Takaaki;

2)YAMAGUCHI, Hiroshi;

(57) Abstract:

An object is to establish an index to prepare a stable pharmaceutical formulation by specifying a related substance of luliconazole which appears depending on the type of a selected solvent in the luliconazole pharmaceutical formulation and which is different from the SE form and the Z form. Disclosed is an amide derivative of luliconazole of formula (1).

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

(21) Application No.2931/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: LEARNING AID

 (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 	:G09B19/02 :2012904419 :10/10/2012 :Australia :PCT/AU2013/001105 :30/09/2013 :WO 2014/056018 :NA :NA	(71)Name of Applicant: 1)EXTON John Address of Applicant: 2 Forster Street, Mitcham, Victoria 3132 Australia (72)Name of Inventor: 1)EXTON, John 2)KOTSIOPOULOS, George;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A learning aid including a series of symbols and movable portions. Each of the movable portions is associated with at least one of the symbols and is movable by hand from a first position to a second position to select at least one of the symbols.

No. of Pages: 28 No. of Claims: 34

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING AN ARC WELDING PROCESS

(51) International classification	:B23K9/095,B23K9/32	(71)Name of Applicant:
(31) Priority Document No	:13/733681	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:03/01/2013	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/US2013/077710	(72)Name of Inventor:
Filing Date	:24/12/2013	1)HUTCHISON, Richard Martin;
(87) International Publication No	:WO 2014/107387	2)SCOTT, Kevin Michael;
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A welding system (10) includes an electrode (24) configured to be advanced toward a workpiece (14) and a power supply (16) configured to provide a flow of electricity to the electrode for generating a welding arc (12) between the electrode (24) and the workpiece (14). The welding system (10) also includes a first sensor (48) configured to sense a light intensity of the welding arc (12) and a second sensor (50) configured to sense a current provided to the electrode via the power supply (16). In addition the welding system (10) includes a controller (40) communicatively coupled with the first (48) and second (50) sensors and configured to modify the light intensity with respect to the current. The controller (40) is configured to control a welding parameter of the welding system (10) based on the modified light intensity.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN INTEGRATED CIRCUIT ADAPTED TO BE SELECTIVELY AC OR DC COUPLED

 (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 	:14/09/2010 :WO 2011/032267 :NA :NA	(71)Name of Applicant: 1)ATI TECHNOLOGIES ULC Address of Applicant: ONE COMMERCE VALLEY DRIVE EAST, MARKHAM, ONTARIO L3T 7X6, CANADA Canada (72)Name of Inventor: 1)DU, YARMIN 2)FUNG, RICHARD 3)ASHTIANI, POUYA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An integrated circuit is adapted to be selectively AC or DC coupled to an external device at a coupling point. The integrated circuit includes a first connector connected to the coupling point by way of a coupling capacitor for AC coupling, a second connector connected to the coupling point for DC coupling, and a switch to selectively short the first and second connectors and thereby the coupling capacitor, when the integrated circuit is DC coupled to the device. The switch may be a MOSFET bridge comprising a switch control MOSFET interconnected between the first and second connectors, with the switch control MOSFET receiving at its gate a mode status signal for turning on the switch control MOSFET and thereby shorting the MOSFET bridge when the integrated circuit is DC coupled to the external device. The MOSFET bridge also includes a number of dynamically biased nMOSFETs connected in series with the switch control MOSFET in order to protect switch control MOSFET from high external supply voltages, and a number of dynamically biased pMOSFETs connected in parallel with the switch control MOSFET.

No. of Pages: 22 No. of Claims: 17

(21) Application No.2767/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: A PROCESS FOR OPTIMISING A GAS BARRIER COATING

 (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 	:01/09/2010 :WO 2011/033247 :NA :NA	(71)Name of Applicant: 1)SUN CHEMICAL BV Address of Applicant: LEEUWENVELDSEWEG 3-T NL- 1382 LV WEESP NETHERLANDS Netherlands (72)Name of Inventor: 1)ILLSLEY, DEREK, RONALD 2)STREET, GRAHAM, TREVOR
Filing Date	:NA	

(57) Abstract:

A process for enhancing the gas barrier properties of a composite laminate material whilst maintaining adequate bond strength, in which a gas barrier coating comprising a clay dispersion and a polymer solution or dispersion is positioned between two flexible plastics films using an adhesive, wherein a coating is applied to a first flexible polymer film at a coating weight (D), an adhesive is applied to either or both of the coated side of the first film or to a second polymer film and adhering the first and second films together to provide a material in which: $(A/B) \cdot (C/D) > 200$, and in which: A/B > 75; C > 1.0; and D

No. of Pages: 17 No. of Claims: 16

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHODS OF PRODUCING PARA -XYLENE AND TEREPHTHALIC ACID

(51) International :C07C2/86,C07C15/08,C07C51/265 classification

(31) Priority Document No :61/701276 (32) Priority Date :14/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/059660

:13/09/2013

Filing Date

(87) International Publication :WO 2014/043468

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)MICROMIDAS INC.

Address of Applicant: 930 Riverside Parkway, Suite 10, West

Sacramento, California 95605 U.S.A.

(72)Name of Inventor: 1)MASUNO, Makoto N. 2)SMITH, Ryan L.

3)BISSELL, John 4)FOSTER, Marc 5)SMITH, Patrick B. 6) HUCUL , Dennis A. 7)STARK, Edmund J. 8) HENTON, Daniel R.

9) DUMITRASCU, Adina 10)BRUNE, Katherine

The present disclosure provides methods to produce para-xylene, toluene, and other compounds from renewable sources (e.g., cellulose, hemicellulose, starch, sugar) and ethylene in the presence of a catalyst. For example, cellulose and/or hemicellulose may be converted into 2.5-dimethylfuran (DMF), which may be converted into para-xylene by cycloaddition of ethylene to DMF. Para-xylene can then be oxidized to form terephthalic acid.

No. of Pages: 80 No. of Claims: 26

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : ELECTRODE , METHOD FOR PRODUCING SAME , AND FLOW -THROUGH CAPACITOR INCLUDING 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 	:C02F1/48 :2012201430 :13/09/2012 :Japan :PCT/JP2013/073983 :05/09/2013 :WO 2014/042077 :NA :NA	(71)Name of Applicant: 1)KURARAY CO., LTD. Address of Applicant: 1621, Sakazu, Kurashiki-shi, Okayama 7100801 Japan (72)Name of Inventor: 1)JIKIHARA, Atsushi
- 14		

(57) Abstract:

The present invention is an electrode in which a power collector layer, porous electrode layer , and ion exchange layer are arranged in the stated order , the ion exchange layer containing a vinyl alcohol copolymer (P) obtained by copolymerizing 0.1 to 50 mol% of a monomer having an ionic group , and the porous electrode layer containing a carbon material. This electrode has low electrode resistance and is useful as an electrode for a flow -through capacitor.

No. of Pages: 89 No. of Claims: 11

(21) Application No.2935/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HIGH RELIABILITY MEMORY CONTROLLER

 (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 	:08/10/2013 :WO 2014/058879 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One AMD Place, Sunnyvale, California 94088 U.S.A. (72)Name of Inventor: 1)LOH, Gabriel H. 2)SRIDHARAN, Vilas K.
Filing Date	:NA :NA	

(57) Abstract:

An integrated circuit includes a memory having an address space and a memory controller coupled to the memory for accessing the address space in response to received memory accesses. The memory controller further accesses a plurality of data elements in a first portion of the address space, and reliability data corresponding to the plurality of data elements in a second portion of the address space.

No. of Pages: 27 No. of Claims: 30

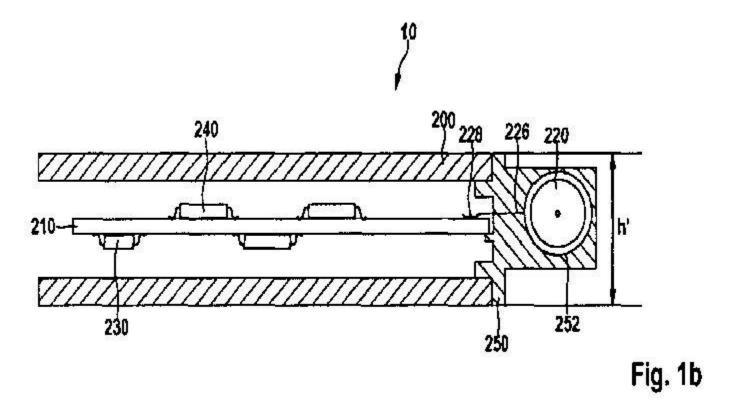
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: END ELEMENT FOR A 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 No (61) Patent of Addition to Application Number	:H05K 5/00 :10 2009 054 767.3 :16/12/2009 :Germany :PCT/EP2010/069391 :10/12/2010 :WO 2011/082945 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)NOWOTNICK, JENS 2)LIPPOK, RALF 3)LAUSMANN, MATTHIAS
(61) Patent of Addition to Application	:NA	

(57) Abstract:

Described herein is an end element (250, 350, 360, 450) for a housing (200, 300, 400), particularly, for an electronic control device (10), comprising at least one electric and/or electronic component (230, 240, 220, 322, 324, 422, 424, 426) disposed partially in the housing (200, 300, 400). In an embodiment, at least one electric and/or electronic component (220, 322, 324, 422, 424, 426) is disposed in the end element (250, 350,450).



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

(22) Date of filing of Application :11/04/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: SENSOR DEVICE FOR A PACKAGING MACHINE DESIGNED AS A CAPSULE FILLING AND SEALING MACHINE OR FOR A CAPSULE CONTROL DEVICE

(51) International classification :A61J 3/07 (71)Name of Applicant: (31) Priority Document No :102009045809.3 (32) Priority Date :19/10/2009 (33) Name of priority country :Germany (86) International Application No :PCT/EP2010/064616 (72)Name of Inventor : Filing Date :01/10/2010 (87) International Publication No :WO 2011/047945 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442

STUTTGART, GERMANY Germany

1) RUNFT, WERNER 2)SCHMIED, RALF

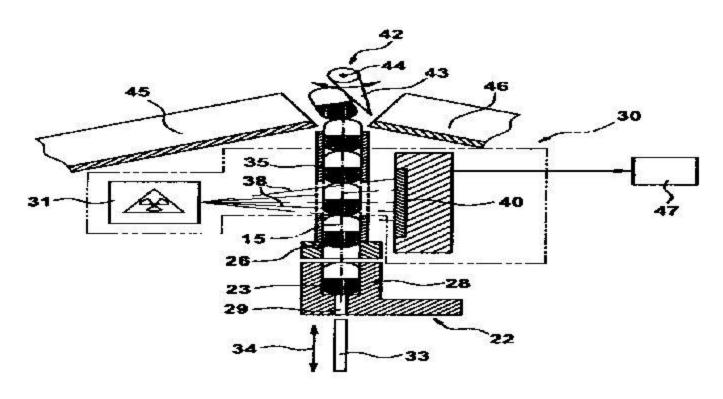
3)LIEBHART, GUENTER

4)MAGA, IULIAN

5) VOGT, MARTIN

(57) Abstract:

The present subject matter describes a sensor device (30; 30a; 30b; 30c) for a packaging machine (100) designed as a capsule filling and sealing machine or for a capsule control device (100a). A positioning element (35; 35a) is provided for positioning a container (c) having a longitudinal axis (15) and filled with a filling material in the region of the sensor device (30; 30a; 30b; 30c). At least one radiation source (31; 31 a; 3 b) and at least one detector (40; 40a; 40b) are provided for detecting the radiation after said radiation radiates through the container (c). The radiation source (31; 31a; 31b) radiates through the container (c) perpendicular to the longitudinal axis (15) thereof and the positioning element is designed as a tubular or shaft-shaped conveyor element (35; 35a) penetrated by the radiation in a radiation cone (38) of the radiation source (31; 31a; 31b).



Fkg. 2

No. of Pages: 24 No. of Claims: 13

(21) Application No.2615/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SPACE AND ENERGY EFFICIENT PHOTOVOLTAIC ARRAY

(51) International classification	:H01L31/042,F24J2/52	(71)Name of Applicant :
(31) Priority Document No	:61/710132	1)TENKSOLAR INC.
(32) Priority Date	:05/10/2012	Address of Applicant :9231 Penn Ave South, Minneapolis,
(33) Name of priority country	:U.S.A.	MN 55431 U.S.A.
(86) International Application No	:PCT/US2013/062747	(72)Name of Inventor:
Filing Date	:30/09/2013	1)MEYER, Dallas, W.;
(87) International Publication No	:WO 2014/055454	2)BERG, Lowell, J.;
(61) Patent of Addition to Application	:NA	3)KORKOWSKI, Kurt;
Number	:NA	4)STOVER, Lance, E.;
Filing Date	.11/1	5)MURNAN,Thomas, L.;
(62) Divisional to Application Number	:NA	6)DODD, Orville;
Filing Date	:NA	

(57) Abstract:

In an embodiment, a solar energy system includes multiple photovoltaic modules, each oriented substantially at a same angle relative to horizontal. The angle is independent of a latitude of an installation site of the solar energy system and is greater than or equal to 15 degrees. The solar energy system defines a continuous area within a perimeter of the solar energy system. The solar energy system is configured to capture at the photovoltaic modules substantially all light incoming towards the continuous area over an entire season.

No. of Pages: 73 No. of Claims: 30

(22) Date of filing of Application :30/03/2012

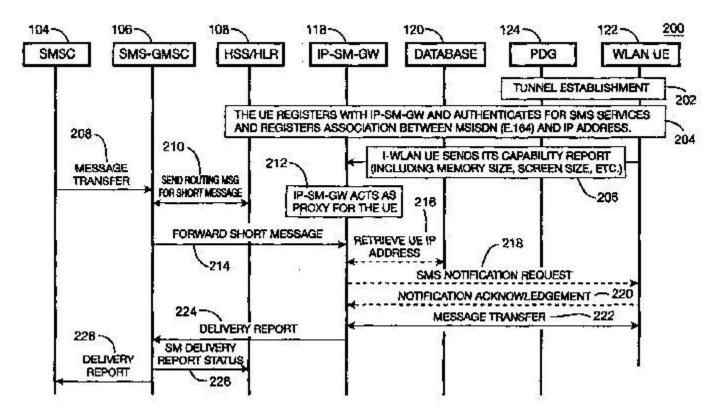
(43) Publication Date: 18/09/2015

(54) Title of the invention: REPORTING TERMINAL CAPABILITIES FOR SUPPORTING SHORT MESSAGE SERVICE

 (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 	:H04Q 7/20 :60/576,700 :02/06/2004 :U.S.A. :PCT/US2005/018386 :25/05/2005 :WO 2005/122604 :NA :NA	(71)Name of Applicant: 1)INTERDIGITAL TECHNOLOGY CORPORATION Address of Applicant: 3411 SILVERSIDE ROAD, CONCORD PLAZA, SUITE 105, HAGLEY BUILDING, WILMINGTON, DELAWARE 19810, U.S.A. U.S.A. (72)Name of Inventor: 1)SHAHEEN, KAMEL, M.
. ,		
(62) Divisional to Application Number Filed on	:7104/DELNP/2006 :27/11/2006	

(57) Abstract:

A method for delivering a short message service (SMS) message to an interworking wireless local area network user equipment (UE) (122) begins by registering the UE with an Internet Protocol short message gateway (IP-SM-GW) (118). A capability report is sent from the UE to the IP-SM-GW, the capability report including the capabilities of the UE. A SMS message is transmitted from a short message service center (SMSC) (104) to the IP-SM-GW. The capabilities of the UE are evaluated at the IP-SM-GW to determine whether the UE can receive the SMS message, and the SMS message is delivered to the UE via the IP-SM-GW if the UE has the capabilities to receive the SMS message.



No. of Pages: 25 No. of Claims: 37

(21) Application No.2771/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A HEAT-PIPE-TYPE HEAT-DISSIPATING 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 	:B21D 53/06 :10-2009-0100258 :21/10/2009 :Republic of Korea :PCT/KR2010/006766 :05/10/2010 :WO 2011/049302 :NA :NA :NA	(71)Name of Applicant: 1)ICEPIPE CORPORATION Address of Applicant:(GASAN-DONG, BYUCKSAN DIGITAL VALLEY 6-CHA), SUITE 1309, 219 GASAN DIGITAL 1-RO, GEUMCHEON-GU, SEOUL 153-803, REPUBLIC OF KOREA Republic of Korea (72)Name of Inventor: 1)LEE, SANG-CHEOL
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(57) Abstract:

There is disclosed a manufacturing method of a heat pipe type heat-dissipating device. The method includes the steps of: winding a pipe on a loop forming mold in a spiral shape to form a pipe loop; and pressing at least a section of an outer circumference of the pipe loop so that the pipe loop is plastically deformed in a shape corresponding to the shape of the loop forming mold. Fig. 1

wind a pipe on a loop forming mold to form a pipe loop

press a circumference of the pipe loop to plastically deform the pipe loop into a shape corresponding to the loop forming mold

arrange the pipe loop inside an inner circumference of a first arranging mold to form the pipe loop into a cylindrical shape

attaching a heat absorbing plate to at least one end part of the cylindrical pipe loop

S120

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

(21) Application No.2939/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: COSMETIC BIOPHOTONIC COMPOSITIONS

(51) International classification	:A61K8/49,A61Q19/08	(71)Name of Applicant:
(31) Priority Document No	:61/701519	1)KLOX TECHNOLOGIES INC.
(32) Priority Date	:14/09/2012	Address of Applicant :275 Boulevard Armand -Frappier,
(33) Name of priority country	:U.S.A.	Laval, Quebec H7V 4A7 Canada
(86) International Application No	:PCT/CA2013/000787	(72)Name of Inventor:
Filing Date	:13/09/2013	1)LOUPIS, Nikolaos;
(87) International Publication No	:WO 2014/040177	2)PIERGALLINI, Remigio;
(61) Patent of Addition to Application	:NA	3)HEBERT, Lise;
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides cosmetic compositions and methods for using the cosmetic compositions. In particular, the cosmetic compositions of the present disclosure include one or more chromophore(s) in association with a dermatologically acceptable carrier. The cosmetic biophotonic compositions and the methods of the present disclosure are useful for skin rejuvenation and/or skin conditioning.

No. of Pages: 91 No. of Claims: 128

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: AGGLOMERATED PARTICULATE LOW -RANK COAL FEEDSTOCK AND USES 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 	:61/708104 :01/10/2012 :U.S.A.	(71)Name of Applicant: 1)GREATPOINT ENERGY INC. Address of Applicant:101 Main Street,14th Floor, Cambridge, MA 02142 U.S.A. (72)Name of Inventor: 1)ROBINSON, Earl, T.; 2)KECKLER, Kenneth,P.; 3)RAMAN, Pattabhi, K.; 4)SIRDESHPANDE, Avinash;
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(57) Abstract:

The present invention relates generally to processes for preparing agglomerated particulate low -rank coal feedstocks of a particle size suitable for reaction in a fluidized- bed reactor and certain other gasification reactors and ,in particular ,for coal gasification and combustion applications. The present invention also relates to an integrated coal hydromethanation process including preparing and utilizing such agglomerated particulate low- rank coal feedstocks.

No. of Pages: 44 No. of Claims: 18

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : IMPLANTABLE MEMS INTRAOCULAR PRESSURE SENSOR DEVICES AND METHODS FOR GLAUCOMA MONITORING

 (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 	:A61B 3/16 :61/243,847 :18/09/2009 :U.S.A. :PCT/US2010/049461 :20/09/2010 :WO 2011/035228	(71)Name of Applicant: 1)ORTHOMEMS, INC. Address of Applicant: 325 SHARON PARK DRIVE, SUITE 203, MENLO PARK, CALIFORNIA 94025, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)WONG, VERNON G.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)LEE, DOUGLAS A. 3)NA 4)NA

(57) Abstract:

An implantable device for measuring IOP comprises a distal portion, a proximal portion and a conformable elongate support extending between the distal portion and the proximal portion. The distal portion comprises a pressure sensor, for example a capacitor, and the proximal portion comprises a coil. The conformable elongate support extends between the distal portion and the coil so as to couple the distal portion to the coil, and the conformable elongate support is sized to position the sensor in the anterior chamber when the proximal portion is positioned under a conjunctiva of the eye. Positioning of the pressure sensor in the anterior chamber has the benefit of readily accessible surgical access and a direct measurement of the IOP of the eye. The proximal portion comprising the coil can be configured to place the coil between the sclera and the conjunctiva, such that the invasiveness of the surgery can be decreased substantially.

No. of Pages: 63 No. of Claims: 53

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MULTI -OBJECTIVE SERVER PLACEMENT DETERMINATION

:H04L12/24,H04L29/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :13/684125 (32) Priority Date Address of Applicant: S -164 83 Stockholm Sweden :21/11/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2013/059633 1)ZHANG, Ying; Filing Date :24/10/2013 2)LI, Du; (87) International Publication No :WO 2014/080304 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and apparatus for determining recommended geographic server locations for online social networks by attempting to minimize user- server latency and inter -user communications latency. In an embodiment, geographic and relationship information for a plurality of users is acquired. The plurality of users may belong to one or more networks. The acquired information is transformed into a graph. A first plurality of clusters is generated with a first clustering algorithm. A second plurality of clusters is generated by iteratively examining pairs of the first plurality clusters, and swapping nodes between the examined clusters if it will reduce a total cut weight of the graph and locate each pair of nodes within a defined maximum distance from the centroid of the target cluster. In an embodiment, a method uses a joint analysis approach based upon characteristics of a plurality of existing networks.

No. of Pages: 42 No. of Claims: 20

(21) Application No.2942/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMAGE PROCESSING DEVICE AND METHOD

(51) International classification	:G07D7/12	(71)Name of Applicant:
(31) Priority Document No	:2012-001559	1)SONY CORPORATION
(32) Priority Date	:06/01/2012	Address of Applicant :1-7-1 Konan, Minato-ku, Tokyo
(33) Name of priority country	:Japan	1080075, Japan Japan
(86) International Application No	:PCT/JP2012/083285	(72)Name of Inventor:
Filing Date	:21/12/2012	1)HIRONARI SAKURAI
(87) International Publication No	:WO 2013/103101	2)OHJI NAKAGAMI
(61) Patent of Addition to Application	:NA	3)TAKUYA KITAMURA
Number	:NA	4)YOICHI YAGASAKI
Filing Date	.IVA	
(62) Divisional to Application Number	:5319/DELNP/2014	
Filed on	:27/06/2014	

(57) Abstract:

The present disclosure relates to ail image processing device and method that make it possible to improve processing efficiency in encoding and decoding. Type EO in an LCU (115) and a coefficient therefor are determined by the encoding side. The type EO coefficient is sent to the decoding side when flic coefficient is already in LCU (111), and is stored in an EO buffer of an adaptive offset filter on the decoding side. Therefore, in relation to the LCU (115) on the decoding side, the type EO coefficient can be copied from the EO buffer and used without being sent. In this maimer, the parameter of the adaptive offset filter that was conventionally transferred a single process in the header of a frame is sequentially sent in the header of the LCU for each LCU. The present disclosure can be applied to, e.g., an image processing device.

No. of Pages: 177 No. of Claims: 10

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: STERILIZABLE PHOTOPOLYMER SERUM SEPARATOR

:13/656926 :22/10/2012 :U.S.A. :PCT/US2013/064228 :10/10/2013 :WO 2014/066049 :NA :NA	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant:1111 Franklin Street, 12th Floor, Oakland, California 94607- 5200 U.S.A. 2)UNIVERSITY OF MARYLAND (72)Name of Inventor: 1)EMERSON, Jane, F.; 2)AL-SHEIKHLY, Mohamad;
:NA :NA	
	:13/656926 :22/10/2012 :U.S.A. :PCT/US2013/064228 :10/10/2013 :WO 2014/066049 :NA :NA

(57) Abstract:

Sterilizable separator tubes and methods of utilization of same are presented. Methods include providing a separator tube containing a separator substance that can be polymerized to a desired hardness following sterilization using radical generating radiation. The separator substance is formulated to have a density between that of the average densities of separable fractions derived from a sample fluid such as blood, and to be flowable. Upon centrifugation of a separator tube containing a fluid sample, the separator substance forms a barrier between the fractions. The barrier subsequently hardens to form a solid barrier when triggered by a suitable energy source.

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

(21) Application No.2944/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FORMULATIONS FOR THE TREATMENT AND PREVENTION OF OBESITY

(51) International classification :A61K36/28,A61K36/258,A61K36/48

(31) Priority Document No :MI2012A001727

(32) Priority Date :12/10/2012 (33) Name of priority

country :Italy

(86) International :PCT/EP2013/071138

Application No
Filing Date

10/10/2013

(87) International

Publication No :WO 2014/057024

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant: 1)INDENA S.P.A.

Address of Applicant: Viale Ortles 12, I- 20139 Milano Italy

(72)Name of Inventor:
1)BOMBARDELLI, Ezio;
2)CORTI, Fabrizio;

(57) Abstract:

Disclosed are compositions containing: a) Phaseolus vulgaris extract; b) Cynara scolymus extract; c) Echinacea angustifolia extract; d) Vitis vinifera extract and optionally e) Panax ginseng extract, mixed with suitable excipients.

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

(21) Application No.3125/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CUBIC BORON NITRIDE SINTERED BODY TOOL

 (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 	:B23B 27/14 :2010-195462 :01/09/2010 :Japan :PCT/JP2011/066814 :25/07/2011 :WO 2011/029440 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC HARDMETAL CORP. Address of Applicant:1-1, KOYAKITA 1-CHOME, ITAMI-SHI, HYOGO 664-0016 JAPAN. Japan (72)Name of Inventor: 1)OKAMURA KATSUMI 2)ABE MACHIKO 3)KUKINO SATORU
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(57) Abstract:

A cubic boron nitride sintered body tool has, at least at a cutting edge, a cubic boron nitride sintered body composed of a cubic boron nitride particle and a binder phase. The content of cBN is not less than 20 volume % and not more than 60 volume %. The binder phase contains at least Al2O3 and a Zr compound. On any straight line in the sintered body, the mean value of a continuous distance occupied by Al2O3 is not less than 0.1 urn and not more than 1.0 μ m, and the standard deviation of the continuous distance occupied by Al2O3 is not more than 0.8. On the straight line, X/Y is not less than 0.1 and not more than 1 where X represents the number of points of contact between Al2O3 and the Zr compound, and Y represents the sum of the number of points of contact between Al2O3 and cBN and the number of points of contact between Al2O3 and binder phase component(s) other than Al2O3 and the Zr compound. The Zr compound has an average particle size of not less than 0.01 μ m and not more than 0.1 μ m.

No. of Pages: 15 No. of Claims: 3

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : POWER GENERATION PLAN FORMULATION SYSTEM FOR SMALL- SCALE POWER SYSTEM AND METHOD THEREFOR

 (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 	:H02J3/00,G06Q50/06 :2012220164 :02/10/2012 :Japan :PCT/JP2013/076680 :01/10/2013 :WO 2014/054628 :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant:1-1, Shibaura 1 -chome, Minato-ku, Tokyo 1058001 Japan (72)Name of Inventor: 1)NODA, Hidelti 2)OBARA, Reiko 3)MORIMOTO, Takashi 4)KIYA, Genki
C	:NA :NA	

(57) Abstract:

Provided are a power generation plan formulation system and a method therefor capable of drafting an optimum power generation plan for a small- scale power system by using power quality as a parameter. The power generation plan formulation system (10) is equipped with: a condition setting unit (11) for setting a time period for a power generation plan; a power quality condition setting unit (12) for setting power quality conditions by determining conditions regarding fluctuations in frequency and voltage; a power generation plan calculation unit (14) for determining operating costs by using the time period and the power quality set for the power generation plan; a power outage rate calculation unit (15) for calculating power outage rates in power outage periods; a risk calculation unit (16) for calculating power outage risks from the power outage rates which have been calculated by the power outage rate calculation unit (15), by using a predetermined calculation formula; and an overall cost integration unit (17) for integrating overall costs by power quality by adding the power outage risks obtained by the risk calculation unit (16) and the operating costs obtained by the power generation plan calculation unit (14).

No. of Pages: 31 No. of Claims: 8

(21) Application No.3037/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 11/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: COATING/SEALANT SYSTEMS, AQUEOUS RESINOUS DISPERSIONS, METHODS FOR MAKING AQUEOUS RESINOUS DISPERSIONS, AND METHODS OF ELECTROCOATING

(51) International :C09D5/44,C08G59/14,C08G59/30

:WO 2014/058523

classification

(31) Priority Document No :13/649144 (32) Priority Date :11/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/054262

No :09/08/2013 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)PRC- DESOTO INTERNATIONAL, INC.

Address of Applicant: 12780 San Fernando Road, Sylmar,

California 91342 U.S.A. (72) Name of Inventor:

1)ANDERSON ,Lawrence G. 2)FURAR ,Elizabeth A. 3)LINGENFELTER, Thor G.

4)MAYO, Michael A. 5)PEFFER, Robin M.

6)not applicable

(57) Abstract:

A coating/sealant system that includes a coating and a sealant deposited over at least a portion of the coating in which the coating includes a reaction product formed from reactants comprising a phosphated epoxy resin and a curing agent, and the sealant includes a sulfur- containing polymer.

No. of Pages: 35 No. of Claims: 14

(22) Date of filing of Application :11/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : CONTAINER , CONTAINING DEVICE AND METHOD FOR TAKING OUT CONTAINED 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 	:B65D83/00 :201210366931.4 :27/09/2012 :China :PCT/CN2013/084293 :26/09/2013 :WO 2014/048341 :NA :NA	(71)Name of Applicant: 1)BEIJING RED SEA TECH CO., LTD. Address of Applicant: B416 Room No. 218-1, Wangfujing Street, Dongcheng District, Beijing 100006 China (72)Name of Inventor: 1)CHEN, Zengxin 2)LUO, Shumin
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(57) Abstract:

A container and method for taking out contained product. The container comprises a container body, a pressure transfer channel, a control valve, a liquid taking channel and an outflow channel, the control valve contains a moving part. The moving part is at different positions along with variation of pressure applied to a variable pressure part and connection and disconnection of the channels which between the pressure transfer channel and the outflow channel and between the liquid taking channel and the pressure transfer channel are determined by three positions of the moving part. The container can quantitatively take out contained product, is simple in structure and avoid the product to be oxidized or polluted.

No. of Pages: 35 No. of Claims: 23

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : INCREASING OCTANE NUMBER OF LIGHT NAPHTHA USING A GERMANIUM-ZEOLITE CATALYST

 (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 	:02/12/2010 :WO 2011/068964 :NA	(71)Name of Applicant: 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant: P.O. BOX 5101, RIYADH, 11422, SAUDI ARABIA (SA) Saudi Arabia (72)Name of Inventor: 1)STEVENSON, SCOTT 2)ELLIS, PAUL, E. 3)MIER, MIKE 4)FARMER, DUSTIN
	:NA :NA :NA :NA	3)MIER, MIKE 4)FARMER, DUSTIN 5)KHANMAMEDOVE, ALLA 6)MITCHELL, SCOTT

(57) Abstract:

This invention relates to a process for the increasing the octane number of a naphtha hydrocarbon feed having a predominantly paraffin content with a germanium-containing zeolite catalyst. The catalyst is a non-acidic germanium zeolite on which a noble metal, such as platinum, has been deposited. The zeolite structure may be of MTW, MWW, MEL, TON, MRE, FER, MFI, BEA, MOR, LTL or MTT. The zeolite is made non-acidic by being base-exchanged with an alkali metal or alkaline earth metal, such as cesium, potassium, sodium, rubidium, barium, calcium, magnesium and mixtures thereof, to reduce acidity. The catalyst is sulfur tolerant. The hydrocarbon feed may contain sulfur up to 1000 ppm. The present invention could be applicable to a feedstream which is predominantly naphthenes and paraffins.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: HEEL-SUSPENDING PROTECTIVE BOOT

(51) International classification :A43B7/14,A43B7/32,A61F5/02 (71)Name of Applicant : (31) Priority Document No :61/740503

(32) Priority Date :21/12/2012 (33) Name of priority country :U.S.A.

(86) International Application No: PCT/US2013/077498

Filing Date :23/12/2013

(87) International Publication No: WO 2014/100814

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)DM SYSTEMS INC.

Address of Applicant: 1316 Sherman Ave., Evanston, IL

60201 U.S.A.

(72) Name of Inventor:

1)DRENNAN, Denis, Burke;

(57) Abstract:

A protective boot (10) adapted to be worn by individuals when lying in a reclining position. The boot (10) has leg and forefoot portions (24, 26) that provide foot and lower leg support for a wearer while suspending the wearer s heel. The boot (10) may include low -friction materials (18) at an exterior surface (16) of its leg and forefoot portions (24 26) and at a continuous rim (56) separating the exterior surface (16) from an interior surface (14) of the body (12), in which case the boot (10) also preferably includes a system (38, 42, 50, 52) for adjustably closing an anterior opening (36) in the forefoot portion (26) by drawing lateral regions (33) of the forefoot portion (26) inward and together. The boot (10) may additionally or alternatively include an L -shaped backplate (20) having portions located at the leg and forefoot portions (24,26) of the body (12) and adapted to inhibit buckling of the boot (10) within the leg and forefoot portions (24,26).

No. of Pages: 26 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :09/04/2015

(21) Application No.2959/DELNP/2015 A

(43) Publication Date: 18/09/2015

(54) Title of the invention: CLUTCH 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 	:12/12/2013 :WO 2014/094769 :NA :NA	 (71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: Industriestrae 1 -3, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)VOGEL, Florian;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a clutch device, particularly a booster clutch device, at least comprising a clutch flange and a clutch hub which are arranged coaxially with one another and are coupled together by means of a spring device having a multi-stage spring characteristic. The clutch flange forms a plate cage to accommodate the plates of a clutch. The clutch device shown and described here is less complex than corresponding clutch devices assumed to be known, wherein the functions of the plate cage and torque sensor are combined. This means that fewer parts are required, but that the same functions are provided. The structure is less complex, installation is easier and the costs are reduced accordingly. The clutch device can be flexibly adapted to differing requirements.

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

(21) Application No.3140/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention: MUCOADHESIVE POLYMERS HAVING VITAMIN B PARTIAL 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 	:29/09/2010 :WO 2011/039259 :NA	(71)Name of Applicant: 1)THIOMATRIX FORSCHUNGS- UND BERATUNGS GMBH Address of Applicant:TRIENTLGASSE 65, A-6020 INNSBRUCK, AUSTRIA Austria 2)CROMA PHARMA GMBH (72)Name of Inventor: 1)JOHANNES LEIERER
11	:NA :NA	1)JOHANNES LEIERER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Because of the formation of disulfide bridges with mucus glycoproteins, the mucoadhesive properties of polymeric compounds can be significantly improved by the covalent attachment of thiol substructures to them. By the transformation of free thiol groups on such polymers in disulfides with mercaptonicotinamides or mercaptopyridoxins these thiol groups become comparatively more reactive resulting in significantly improved mucoadhesive properties. Furthermore, polymers exhibiting disulfide partial structures with mercaptonicotinamides or mercaptopyridoxins do not need to be protected against oxidation. In addition, they show comparatively higher permeation enhancing properties.

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

(21) Application No.3141/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR DETERMINING POTENTIAL FUTURE INTERESTS TO BE INTORDUCED INTO PROFILES(S) OF USER(S) OF COMMUNICATION EQUIPMENT(S)

(51) T	G060 20/00	
(51) International classification	:G06Q 30/00	(71)Name of Applicant:
(31) Priority Document No	:09305989.7	1)ALCATEL LUCENT
(32) Priority Date	:16/10/2009	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:EUROPEAN	75007 PARIS, FRANCE France
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/064101	1)JEROME PICAULT
Filing Date	:24/09/2010	2)DIMITRE DAVIDOV KOSTADINOV
(87) International Publication No	:WO 2011/045162	3)MAKRAM BOUZID
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (D) is intended for determining potential interests of users (U1-U3) that are clients of at least one network operator, each user being associated to a profile defining at least his interests. This device (D) comprises i) a tracking means (TM) arranged for analyzing the profile of at least one user (U1) to determine new real interest(s) it contains and for storing an identifier representative of a determined new real interest of this user (U1) in correspondence with a first date at which it has been considered as a new real interest into his profile, and ii) a recommendation means (RM) arranged for analyzing the first dates of a user (U1) to determine a time ordered sequence of interests preceding a determined new real interest, and for comparing this determined user interest sequence to at least one other sequence of interests of at least one other user (U2) to predict at least one potential future interest for this user (U1), to be introduced into his profile.

No. of Pages: 22 No. of Claims: 16

(21) Application No.2630/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSTIONS AND METHODS FOR PRODUCING GLYCOPROTEINS

 (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 	:61/708554 :01/10/2012 :U.S.A. :PCT/US2013/062410 :27/09/2013 :WO 2014/055370 :NA :NA	(71)Name of Applicant: 1)ABBVIE BIOTHERAPEUTICS INC. Address of Applicant: 1500 Seaport Boulevard, Redwood City ,California 94063 U.S.A. (72)Name of Inventor: 1)VARMA, Amit; 2)CUENCA, James; 3)ZHU, Ying;
Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to methods of producing antibodies with increased levels of non-fucosylated glycoforms by culturing mammalian cells in culture media with enhanced concentrations of glycine relative to traditional basal media.

No. of Pages: 89 No. of Claims: 59

(21) Application No.2631/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: ORGANIC COMPOUNDS

:NA

:NA

(51) International classification	:C11B9/00,A23L1/226,A61K8/35	(71)Name of Applicant:
(31) Priority Document No	:1218447.9	1)GIVAUDAN SA
(32) Priority Date	:15/10/2012	Address of Applicant : Chemin de la Perfumerie 5, CH -1214
(33) Name of priority country	:U.K.	Vernier Switzerland
(86) International Application	:PCT/EP2013/071262	(72)Name of Inventor:
No	:11/10/2013	1)BACHMANN, Jean-Pierre;
Filing Date	.11/10/2013	2)FLACHSMANN,Felix;
(87) International Publication No	:WO 2014/060303	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application	·N A	

(57) Abstract:

Filing Date

Number

Disclosed are certain ortho- hydroxyphenyl aryl ketones possessing odor notes useful for perfumery, which are in the floral, salicylate or green range.

No. of Pages: 17 No. of Claims: 7

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SELF-LIGATING ORTHODONTIC BRACKETS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61C7/14,A61C7/28,A61C7/12 :61/711381 :09/10/2012 :U.S.A.	(71)Name of Applicant: 1)DENTSPLY INTERNATIONAL INC. Address of Applicant: 570 West College Avenue, York, PA 17401-3880 U.S.A. 2)FALCONE, Matthew, James 3)VERMA, Neil
(86) International Application N Filing Date		4)KRISHNAMOORTHY, Sivaramakrishnan 5)RUAN, Tieming
(87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA	6)NG, Calvin 7)ZDURNE, David,A. (72)Name of Inventor: 1)FALCONE, Matthew, James 2)VERMA, Neil
Number Filing Date	:NA :NA	3)KRISHNAMOORTHY ,Sivaramakrishnan 4)RUAN ,Tieming 5)NG ,Calvin 6)ZDURNE, David, A.

(57) Abstract:

The present invention employs a self- ligating orthodontic bracket comprising a body having a pair of laterally spaced gingival tie wings and a pair of laterally spaced occlusal tie wings, the gingival and occlusal tie wings projecting from a labial surface of the body: an arch wire slot extending mesially- distally across the body and between the gingival and occlusal tie wings to accommodate an arch wire: a free- sliding, controlled -locking, or pivoting clip wherein the clip allows placement and removal of the arch wire when in the open position and prevents the displacement of the arch wire from the bracket member when in the closed position.

No. of Pages: 94 No. of Claims: 62

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: THREE-PHASE GASINSULATED MEDIUM VOLTAGE SWITCHING DEVICE

(51) International classification	:H02B 13/075	(71)Name of Applicant:
(31) Priority Document No	:09012901.6	1)ABB TECHNOLOGY AG
(32) Priority Date	:13/10/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EUROPEAN	ZURICH, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006257	1)MAIK HYRENBACH
Filing Date	:13/10/2010	2)KASIMIR MAI
(87) International Publication No	:WO 2011/045040	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a three-phase gasinsulated medium voltage switching device with a disconnecting device between medium voltage levels and voltage transformers with disconnector contacts which are arranged on a rotatable shaft, in that way, that by a partly rotation of the shaft, the disconnector contacts switch connected voltage transformers between medium voltage level and ground level. The shaft is passing through the side wall of a gastight compartment and/or a housing.

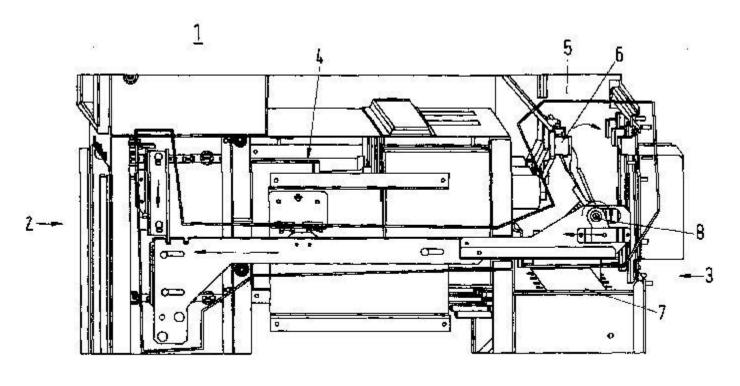


Fig.1

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

(22) Date of filing of Application: 12/04/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: BISTABLE MAGNETIC ACTUATOR FOR A MEDIUM VOLTAGE CIRCUIT BREAKER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01H 33/66 :090112966.9 :14/10/2009 :EUROPEAN UNION	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND Switzerland (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2010/006287 :14/10/2010	1)CHRISTIAN REUBER
(87) International Publication No	:WO 2011/045061	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Bistable magnetic actuator (5) for a medium voltage circuit breaker arrangement, comprising at least one electrical coil (7) for switching a ferromagnetic armature (6) between a first limit position and a second limit position effected by an electromagnetic field, at least one permanent magnet (8) for holding the armature (6) in one of the two limit positions corresponding to an open and a closed electrical switching position respectively of the mechanically connected circuit breaker, wherein the armature (6) comprises an upper plunger (9) resting on a ferromagnetic core element (10) of the one electrical coil (7) for static holding the armature (6) in the first limit position, which is a attached to a plunger rod (12) extending through the ferromagnetic core element (10) and through the permanent magnet (8) for mechanically coupling the actuator (5) to the circuit breaker arrangement, wherein the armature (6) comprises a lower plunger (13) unlockable attached on the opposite side of the plunger rod (12) in an axial distance from the core element (10) and movable on the core element (10) in order to shift the armature (6) to the second limit position by reducing the magnetic flux in the upper plunger (9).

No. of Pages: 18 No. of Claims: 12

(21) Application No.3145/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: MEDIUM VOLTAGE SWITCHGEAR

(51) International classification	:H02B 13/02	(71)Name of Applicant:
(31) Priority Document No	:09012900.8	1)ABB TECHNOLOGY AG
(32) Priority Date	:13/10/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EUROPEAN	ZURICH, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006258	1)HARTMUT MILDES
Filing Date	:13/10/2009	
(87) International Publication No	:WO 2011/045041	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a medium voltage switchgear, e.g. gas insulated switchgear, which consist of an arrangement of several switching device panels, like feeder panel, coupler panel and riser panel, each with a separate compartment and further interconnecting means between the compartments. In order to unify the measure system in a comfortable way, for easy construction and assembly, the invention is, that each panel width is dimensioned to a fix base measure x or integer multiples nx of it.

No. of Pages: 10 No. of Claims: 7

(21) Application No.2966/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: THERAPEUTIC AGENT FOR DYSLIPIDEMIA

(51) International :A61K31/423,A61K31/397,A61K45/00 classification

(31) Priority Document :2012214635

(32) Priority Date :27/09/2012

(33) Name of priority :Japan

country

(86) International

:PCT/JP2013/005756 Application No :27/09/2013

Filing Date

(87) International :WO 2014/050134 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

Application Number

:NA Filing Date

(71)Name of Applicant: 1)KOWA COMPANY LTD.

Address of Applicant: 6-29, Nishiki 3 -chome, Naka-ku,

Nagoya -shi ,Aichi 460-8625 Japan

(72) Name of Inventor:

1)Toshiaki Takizawa

2)Yasunobu Yoshinaka

(57) Abstract:

The present invention addresses the problem of providing a pharmaceutical combination composition and drug combinations for the prevention and/or treatment of dyslipidemic conditions such as atherosclerosis, hypercholesterolemia, low HDL blood disease in mammals including humans. A pharmaceutical composition for the prevention and/or treatment of dyslipidemia, etc. which comprises (a) a compound represented by general formula (1) (in the formula each symbol is the same as defined in the specification) or a salt thereof or a solvate thereof and (b) a cholesterol absorption inhibitor. (1)

No. of Pages: 44 No. of Claims: 10

(21) Application No.3150/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: NON-FLAME-OUT TEST FOR THE COMBUSTION CHAMBER OF A TURBINE 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 	:G01M 15/14 :0957303 :19/10/2009 :France :PCT/EP2010/065664 :18/10/2010 :WO 2011/048065 :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant:F-64510 BORDES, FRANCE France (72)Name of Inventor: 1)PHILIPPE ROGER COURTIE 2)PHILIPPE ETCHEPARE 3)HUBERT PASCAL VERDIER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates in a method for the ground control of the proper operation of an aeronautical turbine engine for a plane. Accordingly, the lest comprises carrying out, on the operating turbine engine and from a predetermined speed, a quick reduction in the fuel flow according to a programmed decrease in order to evaluate the flame-oul resistance of the combustion chamber of said turbine engine during a quick inflight deceleration manoeuver of the speed thereof.

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

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: VIDEO AMPLITUDE MODULATION

 (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 	:08/10/2010 :WO 2011/042559	(71)Name of Applicant: 1)BARCO N.V. Address of Applicant:PRESIDENT KENNEDYPARK 35, B-8500 KORTRIIJK, BELGIUM Belgium (72)Name of Inventor: 1)RONNY VAN BELLE
* * * * * * * * * * * * * * * * * * *		
e		1)RONNY VAN BELLE
` /	:WO 2011/042559	
	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an interlaced to progressive conversion apparatus, comprising a lower curve amplitude modulator (6) and an upper curve amplitude modulator (7), each for converting an input signal to an output signal, wherein the output signal of the lower curve amplitude modulator (6) is a first function of the input signal for the input signal < maximum input signal/2 or the output signal of the lower curve amplitude modulator (6) is a second function of the input signal for an input signal > maximum input signal < maximum input signal of the upper curve amplitude modulator (7) is a second function of the input signal for the input signal of the input signal of the upper curve amplitude modulator (7) is a third function of the input signal for an input signal > maximum input signal/2. In this way, the present invention allows for reproducing the visual experience viewers have with CRT displays on progressive displays like an LCD display

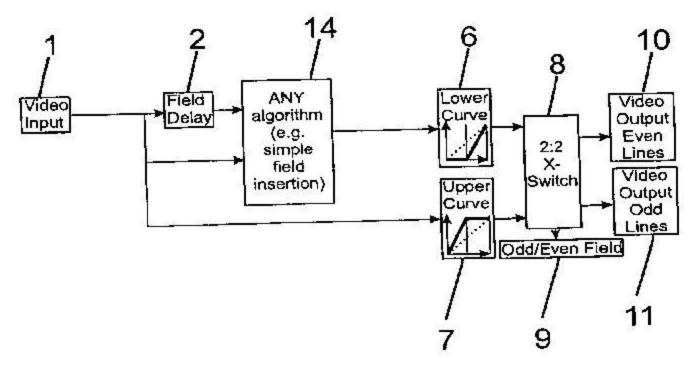


Fig. 3

No. of Pages: 53 No. of Claims: 33

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: TRANSPARENT TEXTURED COATING SURFACES FROM WATER EVAPORATION

 (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 	:B05D 5/00 :61/242,972 :16/09/2009 :U.S.A. :PCT/US2010/002541 :16/09/2010 :WO 2011/034600 :NA :NA	(71)Name of Applicant: 1)SUN CHEMICAL CORPORATION Address of Applicant: 35 WATERVIEW BOULEVARD, PARSIPPANY, NEW JERSEY 07054, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RICHARD M. JONES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coating solution for textured surfaces can comprise water, a water-soluble or water-dispersible organic binder which preferably is radiation curable, and a dispersion of particles and/or their preformed aggregates having a refractive index either larger, matching, or smaller than a refractive index of the organic binder or its cured polymer. Two refractive indices can be chosen, depending upon whether a textured surface appearance of frost, transparency, or ultralow reflectivity, respectively, is desired. Water evaporation from energy curable coatings can be used, preferably containing a high loading of insoluble and/or non-swelling particles and their aggregates, at least one of whose dimensions are preferably larger than the dried film, so as to expose these particles or their aggregates at the surface and cure the film to lock them into place. The coaling solution can be used to achieve a textured coated result useable in direct (and indirect) food contact.

No. of Pages: 27 No. of Claims: 68

(22) Date of filing of Application :31/03/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR FINDING SMALL CELLS

:NA

(51) International classification (31) Priority Document No :201210353418.1 (32) Priority Date :21/09/2012 (33) Name of priority country :China

(86) International Application No :PCT/CN2013/083243

Filing Date :10/09/2013 (87) International Publication No :WO 2014/044132

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date

:H04W48/16,H04W52/02 (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)GOU, Wei 2)XIA, Shuqiang 3)DAI, Bo

(57) Abstract:

Disclosed are a method and an apparatus for finding small cells. The method comprises: a base station of a macrocell triggering small cells in a non-activated state to send specific signals, and triggering a user equipment (UE) to receive the specific signals sent by the small cells; the base station receiving information of small cells found and determined to be reported by the UE according to the received specific signals; the base station selecting a part or all of small cells determined by the UE, and configuring the selected small cells to quasi- serving small cells of the UE. Through the present invention, in a heterogeneous network of a wireless communication system, the UE in the macrocell can find the small cells subordinate to the macrocell and the network side can select appropriate small cells to provide services for the UE; moreover, the mechanism of the present invention ensures effectiveness and energy saving of both the network side and the UE.

No. of Pages: 25 No. of Claims: 35

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMMUNICATION METHOD AND SYSTEM BASED ON VOICE OVER INTERNET PROTOCOL

 (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 	:28/06/2013 :WO 2013/170810 :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)GAO, Yang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a communication method based on voice over Internet protocol. The method includes: through an Internet service provider (ISP) and a Voice over Internet Protocol (VoIP) service provider (VSP) where a VoIP terminal is registered, the VoIP terminal initiating a call service request to other terminals and receiving a call service request initiated by other terminals toward the VoIP terminal, so as to complete a call service with other terminals. Disclosed at the same time is a communication system based on Voice over Internet Protocol. The present invention supports a VoIP terminal to access a VoIP service provider through an Internet service provider, so as to initiate a call service, and a calling/called VoIP terminal can realize the completion of a call service through the respective registered Internet service provider and VoIP service provider. The correlation between an Internet service provider and a VoIP service provider is redefined, the charging principle is determined and the support for VoIP communication is realized.

No. of Pages: 30 No. of Claims: 15

(22) Date of filing of Application :09/04/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention : HAPTIC AUGMENTED AND VIRTUAL REALITY SYSTEM FOR SIMULATION OF SURGICAL PROCEDURES

 (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 :13/628841 :27/09/2012 :U.S.A. :PCT/US2013/060629 :19/09/2013 :WO 2014/052158 :NA :NA :NA	(71)Name of Applicant: 1)IMMERSIVE TOUCH, INC. Address of Applicant:5707 S. Cass Avenue, No. 1176, Westmont, IL 60559 U.S.A. (72)Name of Inventor: 1)BANERJEE, Pat, P.; 2)LUCIAN, Cristian, J.; 3)ALARAJ, Ali; 4)CHARBEL, Fady, T.;
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(57) Abstract:

The present technology relates to systems, methods and devices for haptically - enabled virtual reality simulation of cerebral aneurysm clipping , wherein a user uses two physical stations during the simulation. The first station is a haptic and augmented reality station, and the second station is a haptic and virtual reality station.

No. of Pages: 39 No. of Claims: 18

(21) Application No.3157/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTAINERS FOR COMPOSITIONS COMPRISING MELOXICAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61J 1/00 :61/250,709 :12/10/2009 :U.S.A. :PCT/US2010/052128 :11/10/2010 :WO 2011/046853 :NA :NA :NA	(71)Name of Applicant: 1)BOEHRINGER INGELHEIM VETMEDICA GMBH Address of Applicant:BINGER STRASSE 173, D-55216 INGELHEIM AM RHEIN, GERMANY Germany (72)Name of Inventor: 1)MARTIN A. FOLGER 2)SAMUEL CROWLEY 3)AMY WILSON
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(57) Abstract:

A plastic container containing a pharmaceutical composition comprising benzoic acid or a derivative or a pharmaceutically acceptable salt thereof and a COX-inhibitor of the oxi-cam-type or a pharmaceutical acceptable salt thereof, wherein the container material

No. of Pages: 26 No. of Claims: 15

(21) Application No.3158/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTENT CONTROL DEVICE AND CONTENT CONTROL 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 	:H04N 7/173 :`2009-247864 :28/10/2010 :Japan :PCT/JP2010/064926 :01/09/2010 :WO 2011/052293 :NA :NA :NA	(71)Name of Applicant: 1)NTT DOCOMO, INC. Address of Applicant:11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6150, JAPAN Japan (72)Name of Inventor: 1)NOBUAKI SASAO 2)KOJI ISHII
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(57) Abstract:

A content control device (1) for performing playback control and protection of a pay content includes a license management unit (69) that executes an accounting process for a user after a mobile terminal (10) completes reception of the pay content, an accounting completion determination unit (70) that determines whether accounting has completed, a S1 encryption unit (65) that encrypts the pay content received by the mobile terminal (10) and stores it as a first encrypted content, and a S2 encryption unit (68) that, when accounting on the pay content has completed, decrypts the first encrypted content, encrypts the pay content by a method different from the S1 encryption unit (65), and stores it as a second encrypted content, and when a request for playback of the pay content is made, the second encrypted content is decrypted and provided to the mobile terminal (10).

No. of Pages: 32 No. of Claims: 5

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM FOR MANAGING USER 'S DEGREE OF SATISFACTION AND METHOD FOR SAME TO CONDUCT CALL MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:201210335521.3 :12/09/2012 :China :PCT/CN2013/081913	(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:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Divisional to Application Number	:20/08/2013 :WO 2014/040478 :NA :NA	1)KE, Wenfeng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a system for managing the user's degree of satisfaction and a method for same to conduct call management. The method comprises: acquiring a detection message for an abnormal call between an agent of a call centre and a user, which is detected by a core network side; extracting a failure reason code carried in the detection message, and judging the type of this abnormal call according to the failure reason code; and based on the type of the abnormal call and a preset callback policy, judging whether the call centre side needs callback, and if yes, telling the call centre to initiate a call to the user. While not affecting the original call function and flow of a call system, the method described in the present invention superposes the system for managing user's degree of satisfaction on a system of the call centre and enables reasonable callback in respect of a call interruption not caused by a user by completing the extraction, analysis, etc. of the reasons for the abnormal call by means of the system for managing user's degree of satisfaction, thereby well solving the problem that the user's service degree of satisfaction is reduced.

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

(21) Application No.2973/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTROL 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 	:F02D13/02,F02D29/02 :NA :NA :NA :NA :PCT/JP2012/078026 :30/10/2012 :WO 2014/068670 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, Toyota-cho, Toyota-shi, Aichi 471- 8571 Japan (72)Name of Inventor: 1)SUZUKI Masaru
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(57) Abstract:

An intake lift amount variation mechanism (14i), which changes the maximum lift amount and the valve-open period for an intake valve (9), and an exhaust lift amount variation mechanism (14e), which changes the maximum lift amount and the valve open period for an exhaust valve (10), are provided in an internal combustion engine (1). During an idling operation wherein the temperature of the internal combustion engine (1) is equal to or higher than a reference value, a control device (26) executes a process whereby the valve open period of the intake valve (9) is increased and the valve-open period of the exhaust valve (10) is reduced.

No. of Pages: 34 No. of Claims: 5

(21) Application No.2974/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FUEL INJECTION VALVE

(51) International classification	:F02M61/18,F02M51/06	(71)Name of Applicant:
(31) Priority Document No	:2012226891	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:12/10/2012	Address of Applicant :1, Toyota- cho, Toyota -shi ,Aichi 471-
(33) Name of priority country	:Japan	8571 Japan
(86) International Application No	:PCT/JP2013/076986	(72)Name of Inventor:
Filing Date	:03/10/2013	1)KOBAYASHI Tatsuo
(87) International Publication No	:WO 2014/057866	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fuel injection valve equipped with: a needle valve having a seat part at the tip thereof; a nozzle body having a seat surface on which the seat part is seated and having a rotation stabilization chamber downstream from the seat surface, and in which is formed an injection hole having an inlet within the rotation stabilization chamber; a rotational flow generation part provided with rotation grooves that impart a rotational component to fuel introduced into the rotation stabilization chamber; and a fuel collision part, which is provided at the tip of the needle valve and which, when the needle valve is open, crosses the hypothetical plane formed by extending the seat surface of the nozzle body toward the injection hole. Thus, dead fuel accumulates in the rotation stabilization chamber and is introduced into the injection hole after a rotational component is imparted by the fuel having a rotational component.

No. of Pages: 34 No. of Claims: 7

(21) Application No.3160/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: A COMPOUND OF FORMULA (III)

 (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 	:10 2004 005318.9 :04/02/2004 :Germany :PCT/EP2005/000617 :22/01/2005 :WO 2005/075401 :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT Address of Applicant: ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)THOMAS HIMMLER
Number Filing Date (62) Divisional to Application Number Filed on	:NA :4004/DELNP/2006 :12/07/2006	
Tiled on	.12/07/2000	

(57) Abstract:

A compound of the formula (III) in which X is a direct single bond, CH2, CHCH3, CHC2H5, C(CH3)2 or C(C2H5)2.

No. of Pages: 16 No. of Claims: 1

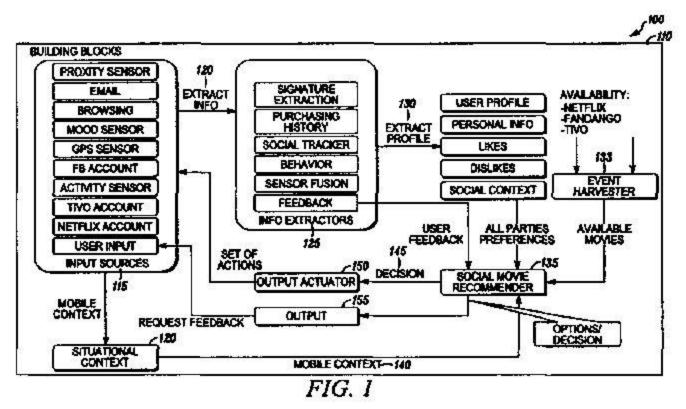
(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEMS, APPARATUS AND METHODS USING PROBABILISTIC TECHNIQUES IN TRENDING AND PROFILING AND TEMPLATE-BASED PREDICTIOINS OF USER BEHAVIOR IN ORDER TO OFFER RECOMMENDATIONS

		(71)Name of Applicant:
(51) International classification	:G06Q 50/00	1)INTEL CORPORATION
(31) Priority Document No	:PCT/US2009/068129	Address of Applicant :2200 MISSION COLLEGE
(32) Priority Date	:15/12/2009	BOULEVARD, MS: RNB-4-150, SANTA CLARA,
(33) Name of priority country	:PCT	CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2009/068129	(72)Name of Inventor:
Filing Date	:15/12/2009	1)YARVIS, MARK
(87) International Publication No	:WO 2011/075119	2)WOUHAYBI, RITA H.
(61) Patent of Addition to Application	:NA	3)MUSE, PHIL
Number		4)DURHAM, LENITRA M.
Filing Date	:NA	5)PRASAD, SAI B.
(62) Divisional to Application Number	:NA	6)SHARMA, SANGITA R.
Filing Date	:NA	7)WAN, CHIEH-YIH
-		8)RAFFA, GIUSEPPE

(57) Abstract:

An embodiment of the present invention provides a method of using probabilistic techniques in trending and profiling of user behavior in order to offer recommendations, comprising detecting patterns in user behavior over time thereby enabling a personal device associated with said user to predict what the user is likely to do on a given day or what the user intends to accomplish in an action that has begun.



No. of Pages: 36 No. of Claims: 50

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SURFACE-COATED SINTERED 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 	:C04B 41/90 :2010-241940 :28/10/2010 :Japan :PCT/JP2011/062595 :01/06/2011 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC HARDMETAL CORP. Address of Applicant: 1-1, KOYAKITA 1-CHOME, ITAMI-SHI, HYOGO 664-0016 JAPAN. Japan (72)Name of Inventor: 1)SETOYAMA MAKOTO 2)OKAMURA KATSUMI 3)TSUKIHARA NOZOMI
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(57) Abstract:

There is provided a surface-coated sintered body formed of a sintered body of cubic boron nitride with a sufficiently adhesive surface coating layer thereon. The present surface-coated sintered body includes a sintered body of cubic boron nitride and a surface coating layer formed on a surface thereof, the sintered body of cubic boron nitride including 20-99.5% by volume of cubic boron nitride and a binder, the surface coating layer including an adhesion layer and at least one hard coating layer, the adhesion layer being a metal layer including at least W, and being formed to cover a surface of the sintered body of cubic boron nitride, the hard coating layer being formed to coat the adhesion layer, the adhesion layer being configured of an amorphous state and/or ultrafine particles having an average particle size equal to or smaller than 5 nm.

No. of Pages: 41 No. of Claims: 11

(21) Application No.3127/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: NOVEL COMPOUNDS AND THERAPEUTIC USE THEREOF FOR PROTEIN KINASE INHIBITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01N 43/58 :61/243,549 :18/09/2009 :U.S.A.	(71)Name of Applicant: 1)WU ZHANGGUI Address of Applicant:190 LONGWOOD ST. APT. 58, BROOKLINE, MASSACHUSETTS 02446, U.S.A. U.S.A.
•	,	
•	:U.S.A.	1
(86) International Application No	:PCT/US2010/049199	(72)Name of Inventor:
Filing Date	:17/09/2010	1)WU ZHANGGUI
(87) International Publication No	:WO 2011/035077	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Novel compound having the following formula: (I) wherein Y is N, O, or S. Also disclosed are a pharmaceutical compositions comprising the same, methods for treating cancer using the same, and methods for the synthesis of the same. The novel compounds of the present invention are found to inhibit protein kinases, especially Checkpoint kinase Chk1/ Chk2.

No. of Pages: 54 No. of Claims: 7

(21) Application No.3128/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION FOR TREATMENT OF DRY EYE SYNDROME

(51) International classification	:A61K 47/06	(71)Name of Applicant:
(31) Priority Document No	:09015423.8	1)NOVALIQ GMBH
(32) Priority Date	:14/12/2009	Address of Applicant :IM NEUENHEIMER FELD 515 69120
(33) Name of priority country	:EPO	HEIDELBERG (DE) Germany
(86) International Application No	:PCT/EP2010/69495	(72)Name of Inventor:
Filing Date	:13/12/2010	1)THEISINGER, BASTIAN
(87) International Publication No	:WO 2011/073134	2)THEISINGER, SONJA
(61) Patent of Addition to Application	:NA	3)GUNTHER, BERNHARD
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

The invention provides novel pharmaceutical compositions for the treatment of keratoconjunctivitis sicca comprising liquid vehicles which include one or more semifluorinated alkanes. The compositions incorporate an active ingredient selected from the group of macrolide immunosuppressants. They can be administered topically into the eye. The invention further provides kits comprising such compositions.

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

(21) Application No.3722/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HYDRAULIC HAMMER DEVICE FOR EXCAVATORS

 (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 	:30/09/2013 :WO 2014/053686	(71)Name of Applicant: 1)ARACAMA MARTINEZ DE LAHIDALGA Javier Address of Applicant:Pol. Ind. Jundiz. C/ Arangutxi 15 E 01015 Vitoria gasteiz Spain (72)Name of Inventor: 1)ARACAMA MARTINEZ DE LAHIDALGA Javier
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Hydraulic hammer device for excavators comprising at least a spike (1) and an energy accumulator (4) in which the energy accumulator (4) is located on the longitudinal shaft of the spike (1) and securely connected to said spike (1) and in which said shaft is on that which attacks the ground between the retracted and deployed positions of the spike (1) and which is characterized in that it comprises a cylinder (2) or two cylinders (2 3) securely connected to the spike (1) inside same.

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

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : NON AQUEOUS DISPERSIONS COMPRISING AN ACRYLIC POLYMER STABILIZER AND AN ALIPHATIC POLYESTER STABILIZED SEED POLYMER

(51) International classification(31) Priority Document No(32) Priority Date	:C08F2/06,C08F220/18,C09D7/12 :13/669537 :06/11/2012	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO INC. Address of Applicant: 3800 West 143rd Street Cleveland Ohio
` '		44111 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/068711 :06/11/2013 :WO 2014/074587	(72)Name of Inventor: 1)WANG Wei 2)FENN David R. 3)MARTIN Roxalana 4)SADVARY Richard J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)SIMPSON Dennis A. 6)WILLIAMS Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A non aqueous dispersion comprising a continuous phase and a dispersed phase wherein the dispersed phase comprises the dispersion polymerization reaction product prepared from a reaction mixture comprising an ethylenically unsaturated monomer an acrylic polymer stabilizer and an aliphatic polyester stabilized seed polymer is disclosed. Related coatings and coated substrates are also disclosed.

No. of Pages: 40 No. of Claims: 18

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR DETERMINING THE WINDING QUALITY OF A FILM ROLL

 (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	:B65H18/26 :10 2012 110 790.4 :09/11/2012 :Germany :PCT/EP2013/070058 :26/09/2013 :WO 2014/072122 :NA :NA	(71)Name of Applicant: 1)WINDM-LLER & H-LSCHER KG Address of Applicant: M ¹ / ₄ nsterstr. 50 Lengerich 49525 Germany (72)Name of Inventor: 1)HOFFMANN Frank
(61) Patent of Addition to Application	:NA	

(57) Abstract:

The invention relates to a method for determining the winding quality of a film roll (10) of a film (30) on a winder roller (20) comprising the following steps: determination of the roll hardness (WH) of the film roll (10) while the film (30) is being wound on the winder roller (20) determining a deviation of the roll hardness (WH) determined for the film roll (10) from at least one specified value (V1 V2) for the roll hardness (WH) of the film roll (10) and determining the winding quality of the film roll (10) on the basis of the deviation determined.

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

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: NEW HISTONE DEACETYLASE INHIBITORS BASED SIMULTANEOUSLY ON TRISUBSTITUTED 1H-PYRROLES AND AROMATIC AND HETEROAROMATIC SPACERS

		(71)Name of Applicant:
(51) International classification	:C07D 207/34	1)IKERCHEM, S.L.
(31) Priority Document No	:EP09382193.2	Address of Applicant :PASEO MIKELETEGI 69, TERCERA
(32) Priority Date	:02/10/2009	PLANTA E-20009 DONOSTIA - SAN SEBASTIAN (ES) Spain
(33) Name of priority country	:EPO	2)UNIVERSIDAD DEL PAIS VASCO - EUSKAL
(86) International Application No	:PCT/EP2010/064653	HERRIKO UNIBERTSITATEA (UPV-EHU)
Filing Date	:01/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/039353	1)COSSIO MORA, FERNANDO PEDRO
(61) Patent of Addition to Application	:NA	2)ZUBIA OLASCOAGA, AIZPEA
Number	:NA :NA	3)VARA SALAZAR, YOSU ION
Filing Date	:NA	4)SAN SEBASTIAN LARZABAL, EIDER
(62) Divisional to Application Number	:NA	5)OTAEGUI ANSA, DORLETA
Filing Date	:NA	6)MASDEU MARGALEF, MARIA DEL CARMEN
-		7)ALDABA AREVALO, ENEKO

(57) Abstract:

A compound of general formula (I) wherein: R1 and R2 represent, independently of each other, an optionally substituted C, C10 aryl radical or an optionally substituted hotoroaryl radical; A and M represent, independently of each other, a methylene group or a single bond, in which case the adjacent aromatic ring would be attached directly to the amide group; the Y=Z group represents together and indistinctly an oxygen atom, a sulfur atom (S), a cis-vinylidene group an imino group or a methine group with a sp-hybridized carbon atom X represents indistinctly a methine group, a cis vinylidene groi.i CH=CH-) or a nitrogen atom and W represents a hydroxyl group, an optionally substituted C1 C6 alkyl, group, an optionally substituted heteroaryl group or an optionally substituted C1 C10 aryl group; or a salt, solvate or prodrug thereof, as well as to the process for their preparation and the use thereof for the treatment of cancer.

No. of Pages: 72 No. of Claims: 15

(21) Application No.3130/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING PROPOFOL

 (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 	:A61K 31/05 :09014548.3 :23/11/2009 :EPO :PCT/EP2010/067938 :22/11/2010 :WO 2011/061332 :NA :NA	(71)Name of Applicant: 1)NOVALIQ GMBH Address of Applicant:IM NEUENHEIMER FELD 515, 69120 HEIDELBERG (DE). Germany (72)Name of Inventor: 1)THEISINGER, BASTIAN 2)THEISINGER, SONJA
	:NA :NA	

(57) Abstract:

The invention provides novel pharmaceutical compositions comprising the active ingredient propofol. Preferably, propofol is dissolved in at least one semifluorinated alkane. The compositions, which are preferably liquid or gel-like, may optionally comprise further excipients. They may be used as fill material in capsules, as buccal or nasal sprays, or as aerosols for pulmonary administration. They are particularly useful for the transmucosal administration of propofol.

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : OPTICAL FIBER / ELECTRICAL COMPOSITE CABLE ASSEMBLY WITH SEALED BREAKOUT KIT

 (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 	:61/728020 :19/11/2012 :U.S.A.	(71)Name of Applicant: 1)COMMSCOPE TECHNOLOGIES LLC Address of Applicant:1100 CommScope Place SE Hickory North Carolina 28602 U.S.A. (72)Name of Inventor: 1)ISLAM Nahid
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cable breakout kit has a cable portion an inner wall portion and a furcation portion with at least one fiber port. The cable portion and the furcation portion are dimensioned to couple with one another enclosing a furcation area. The inner wall portion is coupled to the furcation portion and a fiber bundle of the cable enclosing a fiber area within the furcation area; the fiber area is coupled to the at least one fiber port. An assembly including a cable with a fiber and an electrical conductor utilizes a transition housing to pass the fiber and conductor to respective furcation tubes isolated from one another.

No. of Pages: 32 No. of Claims: 20

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND DEVICE FOR ALIGNING TOWER SECTIONS

(51) International classification: F03D1/00,E04H12/34,E04H12/08 (71) Name of Applicant:

(31) Priority Document No :PA 2012 70707 (32) Priority Date :15/11/2012 (33) Name of priority country :Denmark

(86) International Application :PCT/DK2013/050376

No

:13/11/2013

Filing Date

(87) International Publication

:WO 2014/075686

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) VESTAS WIND SYSTEMS A/S

Address of Applicant : Hedeager 42 8200 Aarhus N Denmark

(72) Name of Inventor:

1)~LLGAARD B rge

The present invention generally relates to a hollow structural part (2) configured to form part of a wind turbine (1) said structural part (2) having a first end (2) and a second end with an inwardly directed annular flange (70) at said first end (2) said flange (70) having a plurality of holes (72) at least one alignment de vice (10) being mounted to said hollow structural part (2) a first connector (22) being connected with said structural part (2) to connect said alignment device (10) to said structural part (2) said alignment device (10) having a guide portion (35) with a protracted guiding surface part (38) extending in the general direction away from said opposite second end and towards a centre line (CL) of said hollow structural part (2) said guiding surface part (38) being for directional guiding of another structural part (5) of said wind turbine (1) during assembly thereof an elongated bar (40) connected with said guide portion (35) said bar (40) having a portion extending from said bottom face (71) of said flange and into one of said holes (72) of said flange with an end of said bar (40) located within said hole (72) wherein forces on said guide portion (35) are at least in part balanced by lateral forces acting on said portion of said bar (40).

No. of Pages: 25 No. of Claims: 28

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :11/04/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention : DROUGHT TOLERANT PLANTS AND RELATED CO	NSTRUCTS AND METH	HODS INVOLVING GENES ENCODING DTP21 POLYPEPTIDES
(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	:C07K 14/415 :61/256,348 :30/10/2009 :U.S.A. :PCT/US2010/054930 :01/11/2010 :WO 2011/053897 :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. U.S.A. 2)PIONEER HI-BRED INTERNATIONAL INC. 4)NA 5)NA 6)NA 7)NA 8)NA 10)NA 10)NA 11)NA 12)NA 13)NA 14)NA 15)NA 16)NA 17)NA 18)NA 19)NA 20)NA 20)NA 20)NA 20)NA 21)NA 22)NA 22)NA 22)NA 22)NA 22)NA 23)NA 33)NA 31)NA 31)NA 33)NA 34)NA 33)NA 34)NA 35)NA 30)NA 31)NA 33)NA 34)NA 33)NA 34)NA 33)NA 34)NA 33)NA 34)NA 35)NA 36)NA 37)NA 38)NA 39)NA 39)NA 30)NA 31)NA 33)NA 34)NA 35)NA 36)NA 37)NA 38)NA 39)NA 39)NA 30)NA 31)NA 33)NA 34)NA 35)NA 36)NA 37)NA 38)NA 39)NA 39)NA 30)NA 31)NA 31)NA 33)NA 34)NA 35)NA 36)NA 37)NA 38)NA 39)NA 39)NA 30)NA 31)NA 31)NA 33)NA 34)NA 35)NA 36)NA 37)NA 38)NA 39)NA 39)NA 39)NA 40)NA (72)Name of Inventor: 1)KASHIHARA, MASAKAZU 2)KOMORI, TOSHIYUKI 3)OKA, ICHRO 4)USAMI, SATORU 5)KATO, NORIO 6)HEI, YUKOH 7)TAKAKIRA, YOSHIMITSU 8)KOMARI, TOSHIHIKO 9)IMAYAMA, TERUYUKI 10)TINGEY, SCOTT, V. 11)SAKAI, HAJIME 12)ALBERTSEN, MARC, C. 13)LUCK, STANLEY

(57) Abstract:

Isolated polynucleotides and polypeptides and recombinant DNA constructs useful for conferring drought tolerance, compositions (such as plants or seeds) comprising these recombinant DNA constructs, and methods utilizing these recombinant DNA constructs. The recombinant DNA construct comprises a polynucleotide operably linked to a promoter that is functional in a plant, wherein said polynucleotide encodes a DTP21 polypeptide.

No. of Pages: 159 No. of Claims: 32

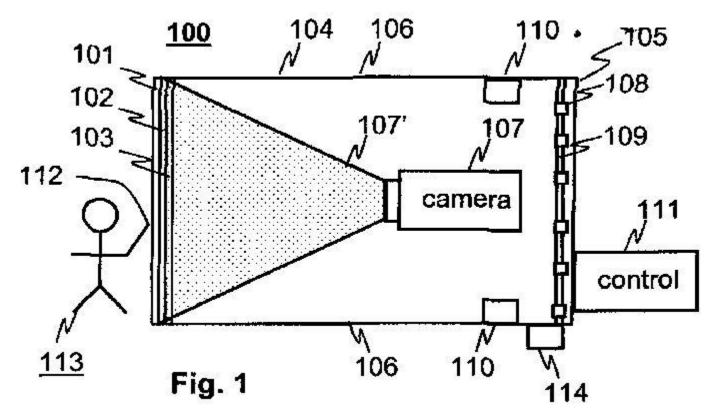
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: INTERACTIVE DISPLAY

(51) International classification	:G06F 3/042	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MULTITOUCH OY
(32) Priority Date	:NA	Address of Applicant :HENRY FORDIN KATU 6 B, F1 -
(33) Name of priority country	:NA	00150 HELSINKI, FINLAND, Finland
(86) International Application No	:PCT/FI2010/050082	(72)Name of Inventor:
Filing Date	:09/02/2010	1)ILMONEN, TOMMI
(87) International Publication No	:WO 2011/098654	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An interactive display device (100) presents to a user (113) a visible image on an image layer (102) through a touching surface (101). The display device (100) has an illumination unit (107) that transmits infrared light and captures through the touching surface sets of infrared images of objects that are in the proximity of the touching surface. The display device (100) detects from the infrared images contact areas where a pointing object (112) is located with respect to the image layer (102) and casts in the infrared image a corresponding shadow. The illumination unit (107) alternates the infrared illumination so that each infrared image set has images taken with differing infrared illumination. Resulting variance in the shadows is used by the interactive display device (100) to detect whether the pointing object (112) contacts the touching surface (101) or not.



No. of Pages: 27 No. of Claims: 15

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : INTEGRATED PROCESS TO SELECTIVELY CONVERT RENEWABLE ISOBUTANOL TO P-XYLENE

(51) International designation	C07C 15/09	(71)NJ
(51) International classification	:C07C 15/08	(71)Name of Applicant:
(31) Priority Document No	:61/249,078	1)GEVO, INC.
(32) Priority Date	:06/10/2009	Address of Applicant :345 INVERNESS DRIVE SOUTH,
(33) Name of priority country	:U.S.A.	BUILDING C, SUITE 310, ENGLEWOOD, COLORADO
(86) International Application No	:PCT/US2010/051641	80112, UNITED STATES OF AMERICA, U.S.A.
Filing Date	:06/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/044243	1)PETERS, MATTHEW W.
(61) Patent of Addition to Application	:NA	2)TAYLOR, JOSHUA D.
Number		3)JENNI, MADELINE
Filing Date	:NA	4)MANZER, LEO E.
\mathcal{E}	.NT A	1 '
(62) Divisional to Application Number	:NA	5)HENTON, DAVID E.
Filing Date	:NA	
		•

(57) Abstract:

The present invention is directed to a method for preparing renewable and relatively high purity p-xylene from biomass. For example, biomass treated to provide a fermentation feedstock is fermented with a microorganism capable of producing a C4 alcohol such as isobutanol, then sequentially dehydrating the isobutanol in the presence of a dehydration catalyst to provide a C4 alkene such as isobutylene, dimerizing the C4 alkene to a form one or more C8 alkenes such as 2,4,4-trimethylpentenes or 2,5-dimethylhexene, then dehydrocyclizing the C8 alkenes in the presence of a dehydrocyclization catalyst to selectively form renewable p-xylene in high overall yield. The p-xylene can then be oxidized to form terephthalic acid or terephthalate esters.

No. of Pages: 55 No. of Claims: 49

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: HIGH ENERGY DENSITY ELECTROSTATIC CAPACITOR

 (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 	:31/12/2012 :WO 2014/074122	(71)Name of Applicant: 1)CARVER SCIENTIFIC INC. Address of Applicant:8000 GSRI Avenue Baton Rouge LA 70820 U.S.A. (72)Name of Inventor: 1)CARVER David 2)CARVER Robert 3)REYNOLDS Sean
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2014/074122 :NA :NA	3)REYNOLDS Sean
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solid state electrical energy state storage device includes multiple dielectric layers or an integral heterogeneous dielectric layer. Layers or portions of the heterogeneous layer have permittivity augmented by exposing the dielectric material to electric and/or magnetic fields during formation of the dielectric before complete solidification. Such exposure results in radicals and/or an ordered matrix. A dielectric for the device may contain a new xylene based polymer formed under atmospheric conditions via reaction with monatomic oxygen and provided an augmented permittivity through exposure of the polymer to a magnetic field and/or an electric field during condensation and solidification on a substrate.

No. of Pages: 28 No. of Claims: 20

(21) Application No.3733/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: CANNABINOID RECEPTOR MEDIATING COMPOUNDS

(51) International

:A61K31/4155,C07D231/06,C07D401/12

classification

(31) Priority Document :61/725949

(32) Priority Date :13/11/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2013/069686 Application No

:NA

Filing Date

:12/11/2013 (87) International

Publication No

:WO 2014/078309 (61) Patent of Addition :NA

to Application Number Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)THE UNITED STATES OF AMERICA AS

REPRESENTED BY THE SECRETARY DEPARTMENT

OF HEALTH AND HUMAN SERVICES

Address of Applicant : National Institutes of Health Office of Technology Transfer 6011 Executive Blvd. Suite 325 MSC 7660

Bethesda MD 20892 7660 U.S.A.

(72) Name of Inventor:

1)KUNOS George

2)IYER Malliga

3)CINAR Resat

4)RICE Kenner C.

(57) Abstract:

A compound or a pharmaceutically acceptable salt or ester thereof comprising (i) a CBi receptor mediating scaffold conjugated to (ii) a second therapeutic scaffold.

No. of Pages: 84 No. of Claims: 40

(21) Application No.2953/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: ANTENNA DEVICE FOR A SUBMARINE

(51) International classification :H01Q1/04,B63G8/38,H01Q1/08 (71)Name of Applicant:

(31) Priority Document No :10 2012 221 189.6 (32) Priority Date :20/11/2012

(33) Name of priority country :Germany

(86) International Application :PCT/DE2013/200305

:18/11/2013 Filing Date

(87) International Publication No:WO 2014/079439

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)GABLER MASCHINENBAU GMBH

Address of Applicant: Niels-Bohr-Ring 5a, 23568 L1/4beck

Germany

(72) Name of Inventor:

1)BOY, Christiane:

2) BUCK, Christian;

3)BOSSELMANN, J¹/₄rgen;

(57) Abstract:

An antenna device for a submarine has an extending unit (2) comprising an extendible mast (10). Furthermore, the antenna device is equipped with at least one HF antenna (14), which is guided in said mast (10) and can be extended out of said mast (10), is formed in one piece and, when the extending unit (2) is in a retracted state, is arranged inside said mast (10) and inside a spatially curved guide , which is adjoined thereto on the submarine side.

No. of Pages: 14 No. of Claims: 13

(21) Application No.2954/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: DISPLAY DEVICE FOR UTILITY VEHICLE, AND UTILITY VEHICLE

(51) International classification :B60K35/00,E02F9/26,F01N3/08 (71)Name of Applicant: (31) Priority Document No 1)KOMATSU LTD. :NA (32) Priority Date Address of Applicant: 2-3-6, Akasaka Minato-ku, Tokyo :NA (33) Name of priority country 107-8414 Japan :NA (86) International Application (72)Name of Inventor: :PCT/JP2014/053785 No 1)SHIMAZU, Mitsuhiro :18/02/2014 Filing Date 2)MATSUMOTO, Hayato (87) International Publication No:WO 2015/025535 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A monitor (20) is provided to a utility vehicle (10) having an engine (29) that generates power and an exhaust gas treatment device (30) that uses urea water to treat exhaust gas discharged by the engine (29). The monitor (20) includes a display part (21) that displays images and a display control unit (22) that controls whether a first image or a second image that differs from the first image is displayed on the display part (21). The display control unit (22) displays device information containing the same content concerning the state of the exhaust gas treatment device (30), in both the first image and the second image.

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

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: EXTRACTION REACTOR AND PROCESS FOR EXTRACTION OF GRANULAR MATERIAL

(51) International :B01D11/02,C08G69/14,C08G69/46 classification

(31) Priority Document No :12191455.0 (32) Priority Date :06/11/2012

(33) Name of priority country: EPO

(86) International :PCT/EP2013/071987 Application No

:21/10/2013 Filing Date

(87) International Publication :WO 2014/072167

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to **Application Number**

:NA :NA Filing Date

(71) Name of Applicant:

1) UHDE INVENTA FISCHER GMBH

Address of Applicant: Holzhauser Str. 157 -159, 13509 Berlin

Germany

(72) Name of Inventor: 1)SIEBECKE, Ekkehard 2)KATZER ,Johannes 3)K-NIGSMANN, Bernd

4)B,,R,Mirko

(57) Abstract:

The present invention relates to an extraction reactor, with which granular material, in particular granular polyamide, can be extracted, wherein, in the extraction, components that are soluble using an extraction liquid are dissolved out of the granular material. In the case of polyamide materials, these are, for example, oligomeric or monomeric components which have remained in the granular material during the polycondensation reaction for producing the polyamide materials.

No. of Pages: 42 No. of Claims: 21

(21) Application No.3139/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON INVASIVE PRENATAL DIAGNOSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12Q 1/68 :12/561,241 :16/09/2009 :U.S.A. :PCT/US2010/027879 :18/03/2010 :WO 2011/034631 :NA :NA :NA	(71)Name of Applicant: 1)SEQUENOM, INC. Address of Applicant:3595 JOHN HOPKINS COURT, SAN DIEGO, CA 92121, UNITED STATES OF AMERICA U.S.A. 2)SEQUENOM CENTER FOR MOLECULAR MEDICINE (72)Name of Inventor: 1)MATHIAS EHRICH 2)ANDERS OLOF HERMAN NYGREN 3)TAYLOR JACOB JENSEN
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(57) Abstract:

Provided are compositions and processes that utilize genomic regions that are differentially methylated between a mother and her fetus to separate, isolate or enrich fetal nucleic acid from a maternal sample. The compositions and processes described herein are particularly useful for non-invasive prenatal diagnostics, including the detection of chromosomal aneuplodies.

No. of Pages: 395 No. of Claims: 30

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: TREATMENT OF MILD AND MODERATE ALZHEIMER S DISEASE

(51) International :A61K31/13,A61K31/4164,A61P25/28 classification

(31) Priority Document No: 61/710229 (32) Priority Date :05/10/2012 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2013/062964 Application No

:02/10/2013 Filing Date

(87) International :WO 2014/055588 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)TRANSTECH PHARMA LLC

Address of Applicant: 4170 Mendenhall Oaks Parkway High

Point North Carolina 27265 U.S.A.

(72) Name of Inventor: 1)ORLANDI Cesare 2)CLARK David J. 3) GRIMES Imogene M.

4) VALCARCE LOPEZ Maria Carmen

5)KOSTURA Matthew J.

(57) Abstract:

Filing Date

The present invention relates to methods of treatment using [3 (4 {2 butyl 1 [4 (4 chloro phenoxy) phenyl] 1H imidazol 4 yl} phenoxy) propyll diethyl amine (COMPOUND I) or a pharmaceutically acceptable salt thereof. In various embodiments the methods of treatment include treatment of mild to moderate dementia of Alzheimer's type diabetes insomnia and other indications. The present invention also relates to pharmaceutical compositions comprising COMPOUND I or a pharmaceutically acceptable salt thereof.

No. of Pages: 65 No. of Claims: 83

(22) Date of filing of Application :01/05/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention: OPTICAL EFFECT LAYERS SHOWING A VIEWING ANGLE DEPENDENT OPTICAL EFFECT; PROCESSES AND DEVICES FOR THEIR PRODUCTION; ITEMS CARRYING AN OPTICAL EFFECT LAYER; AND USES THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B05D3/00,B41M3/14,B42D15/00 :13150694.1 :09/01/2013 :EPO :PCT/EP2014/050161 :07/01/2014 :WO 2014/108404	1)SICPA HOLDING SA Address of Applicant :Avenue de Florissant 41 CH 1008 Prilly Switzerland (72)Name of Inventor: 1)SCHMID Mathieu 2)LOGINOV Evgeny 3)DESPLAND Claude Alain
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)DEGOTT Pierre

(57) Abstract:

The invention relates to the field of the protection of security documents such as for example banknotes and identity documents against counterfeit and illegal reproduction. In particular the invention relates to optical effect layers (OEL) showing a viewing angle dependent optical effect devices and processes for producing said OEL and items carrying said OEL as well as uses of said optical effect layers as an anti counterfeit means on documents. The OEL comprises a plurality of non spherical magnetic or magnetizable particles which are dispersed in a coating composition comprising a binder material wherein in at least a loop shaped area of the OEL at least a part of the plurality of non spherical magnetic or magnetizable particles are oriented such that their longest axis is substantially parallel to the plane of the OEL and wherein in a cross section perpendicular to the OEL and extending from the centre of the central area the longest axis of the oriented particles present in the loop shaped area forming the impression of the loop shaped body follow a tangent of either a negatively curved or a positively curved part of a hypothetical ellipse or circle.

No. of Pages: 64 No. of Claims: 18

(21) Application No.3142/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: TENSIONER

Filing Date :28/10/	9,947 /2009 Address of Applicant :1551 WEWATTA STREET, DENVER, CO 80202, UNITED STATES OF AMERICA U.S.A. US2010/054375 (72)Name of Inventor:
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(57) Abstract:

A tensioner comprising a torsion spring, a pulley directly journalled to an end of the torsion spring, an elastomeric damping member constrained within a torsion spring coil through an arc of contact of at least 270°, and the elastomeric damping member in damping contact with the torsion spring coil.

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

(21) Application No.3737/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: GRINDING MILL

(51) International classification: B02C21/00,B02C4/02,B02C23/12 (71) Name of Applicant:

:10 2012 109 644.9 (31) Priority Document No

(32) Priority Date :10/10/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/071031

No :09/10/2013

Filing Date

(87) International Publication :WO 2014/056974

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)THYSSENKRUPP INDUSTRIAL SOLUTIONS AG

Address of Applicant: ThyssenKrupp Allee 1 45143 Essen

Germany

(72) Name of Inventor:

1)HAGEMEIER Olaf

2)HAACK Aimo Dirk

(57) Abstract:

The grinding mill according to the invention substantially comprises the following parts: a roller press for crushing brittle material to be ground which comprises two counter running grinding rollers a static classifier with a classifying material inlet for fresh material to be ground and/or material crushed in the roller press an aerating base arranged at an angle to the horizontal and flowed through by classifying gas a first and a second coarse material outlet and a fine material outlet and a transporting unit which is in connection with the roller press and the classifying material inlet of the classifier in order to raise the fresh material to be ground and/or material crushed in the roller press wherein the roller press the transporting unit and the classifier are structurally arranged next to one another and one behind the other in a straight line in the direction of material flow the classifying material inlet is arranged on the side of the classifier that is facing the transporting unit the classifier has a classifying gas inlet which is connected to the classifier in a region facing away from the transporting unit the classifier has two classifying chambers arranged one above the other wherein the classifying material inlet opens out into the upper classifying chamber and the classifying gas inlet is connected to the lower classifying chamber and wherein the first coarse material outlet is connected to the upper classifying chamber and the lower classifying chamber is provided with a second coarse material outlet.

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: LIGHT SOURCE UNIT AND ILLUMINATION FIXTURE

(71)Name of Applicant: :F21S2/00,F21V3/00,F21V3/02 (51) International classification 1)PANASONIC INTELLECTUAL PROPERTY (31) Priority Document No :2012225953 MANAGEMENT CO. LTD. (32) Priority Date :11/10/2012 Address of Applicant: 1 61 Shiromi 2 chome Chuo ku Osaka (33) Name of priority country :Japan shi Osaka 5406207 Japan (86) International Application No :PCT/JP2013/006006 (72) Name of Inventor: Filing Date :09/10/2013 1)NAGAOKA Shinichi (87) International Publication No :WO 2014/057661 2)SHIMOMURA Takahisa (61) Patent of Addition to :NA 3)SHIMIZU Masahiro **Application Number** :NA 4)SAKASHITA Yoshihiro Filing Date 5)WAKABAYASHI Yoshinori (62) Divisional to Application :NA 6)SENO Noriko Number :NA 7)KONO Kenichi Filing Date 8)KONO Tadahiro

(57) Abstract:

This light source unit is provided with: an LED substrate to which a plurality of LEDs are mounted; an attachment member to which the LED substrate is attached; and a cover member having diffusing properties and attached to the attachment member in a manner so as to cover the LED substrate. The cover member has a pair of protruding wall sections that protrude to the attachment member side and in the state of attachment to the attachment member the attachment member is disposed between the pair of protruding wall sections. Also the cover member further has a pair of extension sections that extend to the reverse side of the attachment member from each of the pair of protruding wall sections.

No. of Pages: 24 No. of Claims: 7

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: LIGHT SOURCE UNIT AND ILLUMINATION FIXTURE

		(71)Name of Applicant:
(51) International classification	:F21V23/00,F21Y101/02	1)PANASONIC INTELLECTUAL PROPERTY
(31) Priority Document No	:2012225954	MANAGEMENT CO. LTD.
(32) Priority Date	:11/10/2012	Address of Applicant :1 61 Shiromi 2 chome Chuo ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5406207 Japan
(86) International Application No	:PCT/JP2013/006009	(72)Name of Inventor:
Filing Date	:09/10/2013	1)NAGAOKA Shinichi
(87) International Publication No	:WO 2014/057664	2)SHIMOMURA Takahisa
(61) Patent of Addition to Application	:NA	3)SHIMIZU Masahiro
Number		4)SAKASHITA Yoshihiro
Filing Date	:NA	5)WAKABAYASHI Yoshinori
(62) Divisional to Application Number	:NA	6)SENO Noriko
Filing Date	:NA	7)KONO Kenichi
_		8)KONO Tadahiro

(57) Abstract:

This light source unit has a hole for a suspension bolt to pass through and is removably attached to a fixture main body attached to a ceiling member by means of a suspension bolt passed through the hole. The light source unit is provided with: an LED substrate to which a plurality of LEDs are mounted; an attachment member for attaching to the fixture main body the LED substrate in a manner so that the LED substrate is disposed between the plurality of LEDs and the fixture main body; and a power source device that supplies lighting electrical power to the plurality of LEDs. The attachment member has a housing section at which the power source device and at least a portion of the suspension bolt are disposed at a site facing the fixture main body. The power source device is disposed at a position that does not interfere with the suspension bolt within the housing section in the state of the light source unit being attached to the fixture main body.

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

(21) Application No.3147/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CIRCUIT-BREAKER WITH A COMMON HOUSING

(51) International classification	:H01H 33/66	(71)Name of Applicant :
(31) Priority Document No	:09012967.7	1)ABB TECHNOLOGY AG
(32) Priority Date	:14/10/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EUROPEAN	ZURICH, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006288	1)CHRISTIAN REUBER
Filing Date	:14/10/2010	2)DIETMAR GENTSCH
(87) International Publication No	:WO 2011/045062	3)PHILIPP MASMEIER
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a circuit-breaker for switching medium-voltage to high-voltage circuits, comprising a pole part (1) having a cup-shaped housing (4) made of insulating material for accommodating an interrupter insert (3) operated by a drive rod (12), wherein the cup-shaped housing () is divided in an upper housing part (5) in which the interrupter insert (3) is arranged and a lower housing part (6) for accommodating a magnetic actuator (2), wherein the drive rod (12) of the interrupter insert (3) is coaxially arranged to an armature (13) of the magnetic actuator (2).

No. of Pages: 13 No. of Claims: 12

(21) Application No.3148/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : BIOPSY PROBE ASSEMBLY HAVING A MECHANISM TO PREVENT MISALIGNMENT OF COMPONENTS PRIOR TO INSTALLATION

(51) International classification(31) Priority Document No(32) Priority Date	:A61B 10/02 :12/577,300 :12/10/2009	(71)Name of Applicant: 1)C.R. BARD, INC. Address of Applicant: 730 CENTRAL AVENUE, MURRAY
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2010/049953	HILL, NJ 07974, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:23/09/2010 :WO 2011/046722	1)KARSTEN VIDEBAEK
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A biopsy probe assembly is configured for installation on a driver assembly. The biopsy probe assembly includes a plurality of components, each of the plurality of components being movable relative to another of the plurality of components, and each of the plurality of movable components having a respective alignment feature, wherein collectively the biopsy probe assembly has a plurality of alignment features. The plurality of alignment features of the plurality of components is aligned to form a continuous passage. A safety alignment pin is inserted into the continuous passage so as to lock relative positions of the plurality of components.

No. of Pages: 69 No. of Claims: 21

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRESSURE REGULATOR VALVE SEALS, SYSTEMS AND METHODS

 (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 	:F16K 15/02 :12/590,696 :12/11/2009 :U.S.A. :PCT/US2010/055633 :05/11/2010 :WO 2011/059893 :NA :NA	(71)Name of Applicant: 1)SCHRADER BRIDGEPORT INTERNATIONAL, INC. Address of Applicant: 205 FRAZIER ROAD, ALTAVISTA, VA 24517, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JEFFREY A. SCHULTZ 2)BENJAMIN R. RIELEY
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pressure regulator valve has n housing (105) that defines a fluid passage and a flat seal (107) disposed around an opening of the fluid passage and exit ports. A pin (110) with a raised conforming elastomeric embossment (101) that contacts the scat (107) when the valve is closed is axially disposed in the housing. The pin (110) is biased to maintain the elastomeric embossment (101) in contact with the seat to maintain the valve closed and control an opening pressure of the valve, flow of fluid through and out of the pressure regulator valve housing, (105) is controlled through adjustment of a level of this biasing. The fluid flows across the flat scat and between the flat seat and the embossment when the valve is open in such a manner that the flow is generally laminar and such that the valve minimizes pressure gain at the onset of flow.

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

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: COMBINED TANGENTIAL SHEAR HOMOGENIZING AND FLASHING APPARATUS HAVING ROTOR/STATOR GAP DIMENSION WITH UNIFORM AND NON UNIFORM REGIONS

(51) International classification :C12M1/33,B01F7/00,C08H8/00 (71)Name of Applicant:

(31) Priority Document No :61/724587 (32) Priority Date :09/11/2012

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

(86) International Application No:PCT/US2013/068615 Filing Date :06/11/2013

(87) International Publication No: WO 2014/074534

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington DE

19898 U.S.A.

(72) Name of Inventor: 1) GALLAGHER F. Glenn

(57) Abstract:

A combined tangential shear homogenizing and flashing apparatus for destructuring pretreated biomass comprises a housing connectable to a source of pressurized pretreated biomass and a stator and a rotor mounted within the housing. The stator and rotor being confrontationally disposed and spaced apart by an axial gap. The gap as a radially outer region having a uniform dimension and a radially inner region having at least one section exhibiting a non uniform dimension. The radially outer region defines a valve. In use rotational movement of the rotor with respect to the stator imparts a tangential shear to a volume of pretreated biomass. The tangential shear homogenizes the volume of pretreated biomass while a pressure difference causes a partial phase separation of the homogenized biomass into vapor and liquid phases such that the pretreated biomass undergoes at least a three fold total volumetric increase and a weight transition to a vapor of at least one percent (1%).

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

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRODUCTION OF HIGH STRENGTH TITANIUM ALLOYS

(51) International classification	:C22C14/00,C22F1/18	(71)Name of Applicant:
(31) Priority Document No	:12/691952	1)ATI PROPERTIES INC.
(32) Priority Date	:22/01/2010	Address of Applicant :1600 N.E. Old Salem Road Albany
(33) Name of priority country	:U.S.A.	Oregon 97321 U.S.A.
(86) International Application No	:PCT/US2010/062284	(72)Name of Inventor:
Filing Date	:29/12/2010	1)BRYAN David J.
(87) International Publication No	:WO 2011/090733	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Certain embodiments of a method for increasing the strength and toughness of a titanium alloy include plastically deforming a titanium alloy at a temperature in an alpha beta phase field of the titanium alloy to an equivalent plastic deformation of at least a 25% reduction in area. After plastically deforming the titanium alloy in the alpha beta phase field the titanium alloy is not heated to or above the beta transus temperature of the titanium alloy. After plastic deformation the titanium alloy is heat treated at a heat treatment temperature less than or equal to the beta transus temperature minus 20F (11.1°C).

No. of Pages: 41 No. of Claims: 37

(21) Application No.5892/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: LASER EMITTING PULSES OF VARIABLE PERIOD AND STABILIZED ENERGY

(51) International :H01S3/102,H01S3/115,H01S3/117

:NA

(31) Priority Document No :09/06293 (32) Priority Date :23/12/2009 (33) Name of priority country :France (86) International Application

(80) International Application :PCT/EP2010/069701

Filing Date :15/12/2010

(87) International Publication

:WO 2011/076624

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)THALES

Address of Applicant :45 rue de Villiers F 92200 Neuilly sur

Seine France

(72)Name of Inventor:

1)ROUSSEAU Pascal

(57) Abstract:

The invention relates to a laser device for emitting pulses of variable period and stabilized energy which comprises a resonant cavity (1) comprising an amplifying medium (11) that has a stabilized gain G and emits laser pulses at a wavelength the resonant cavity (1) further comprising a Q switch (12). The laser device also comprises a pump (2) for continuously pumping the amplifying medium and an injector (3) that is placed outside the resonant cavity (1) injects a beam of wavelength into the amplifying material (11) over the duration of the pumping process and includes means for adjusting the power of said beam in order to reduce the gain of the amplifying medium to G/k where k is a real number greater than 1.7.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: REBAUDIOSIDE A COMPOSITION AND METHOD FOR PURIFYING REBAUDIOSIDE A

(51) International :C07H1/08,C07H15/256,A23L1/236 classification

(31) Priority Document No :12/650637 (32) Priority Date :31/12/2009 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2010/062479

:30/12/2010

Filing Date (87) International Publication :WO 2011/082288

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

:NA

Filing Date

(71) Name of Applicant:

1)THE COCA COLA COMPANY

Address of Applicant :One Coca Cola Plaza NW Atlanta

Georgia 30313 U.S.A. (72)Name of Inventor: 1)PRAKASH Indra 2)UPRETI Mani

3) DUBOIS Grant E. 4)KING George A. 5)MEHTA Anish

(57) Abstract:

Exemplary embodiments of this invention encompass a method for purifying a low purity steviol glycoside composition. In particular this invention relates to a method for purifying low purity steviol glycoside compositions to obtain substantially pure steviol glycoside compositions comprising approximately 95% or greater steviol glycosides and approximately 75% or greater rebaudioside A with a single crystallization step.

No. of Pages: 40 No. of Claims: 25

(21) Application No.5894/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention : COMPOSITIONS FOR FORMING FILMS HAVING A DEGREE OF OBSCURATION AND METHODS OF MAKING AND USING 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 	:61/290772 :29/12/2009 :U.S.A. :PCT/US2010/060206 :14/12/2010 :WO 2011/081905 :NA :NA	(71)Name of Applicant: 1)W. R. GRACE & CO. CONN. Address of Applicant: 7500 Grace Drive Columbia Maryland 21044 U.S.A. (72)Name of Inventor: 1)PRYOR James Neil 2)MICHOS Demetrius
1 (01110 01	:NA :NA :NA	

(57) Abstract:

Compositions suitable for use as skin care products (e.g. skin cream) are disclosed. Methods of making and using compositions suitable for use as skin care products are also disclosed.

No. of Pages: 56 No. of Claims: 44

:NA

:NA

(21) Application No.5895/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : HIGH SILICA CHABAZITE FOR SELECTIVE CATALYTIC REDUCTION METHODS OF MAKING USING SAME

(51) International classification: B01D53/94,B01J29/70,B01J29/76 (71) Name of Applicant: (31) Priority Document No :12/641201 1)PO CORPORATION (32) Priority Date Address of Applicant : P.O. Box 840 Valley Forge PA 19482 :17/12/2009 (33) Name of priority country 0840 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2010/055138 1)LI Hong Xin :02/11/2010 Filing Date 2) CORMIER William E. (87) International Publication 3)MODEN Bjorn :WO 2011/084218 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

There is disclosed a microporous crystalline material comprising a metal containing chabazite having a crystal size greater than 0.5 microns and a silica to alumina ratio (SAR) greater than 15 wherein the metal containing chabazite retains at least 80% of its initial surface area and micropore volume after exposure to temperatures of up to 900°C in the presence of up to 10 volume percent water vapor for up to 1 hour. Methods of using the disclosed crystalline material such as in the SCR of NOx in exhaust gas are also disclosed as are methods of making such materials.

No. of Pages: 34 No. of Claims: 43

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : LIQUID DISTRIBUTION TROUGH FOR USE IN TOWERS IN SULPHURIC ACID AND CARBON CAPTURE PLANTS

(31) Priority Document No	:B01D3/00,B01D53/18,B01J19/32 :2689266	1)CHEMETICS INC.
(32) Priority Date	:23/12/2009	Address of Applicant :#200 2930 Virtual Way Vancouver
(33) Name of priority country	:Canada	British Columbia V5M 0A5 Canada
(86) International Application No Filing Date	:PCT/CA2010/001946 :09/12/2010	(72)Name of Inventor: 1)NORTON Daniel S. 2)PEREZ Orlando G.
(87) International Publication No	:WO 2011/075817	3)DRACKETT Thomas S. 4)STERENBERG David J.
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A liquid distribution trough contained within a tower for the purpose of mass or thermal exchange between at least a first liquid and a second fluid; the trough having an upper section and a lower section; the lower section for receiving the first liquid; a horizontal dividing member separating the upper section from the lower section and having at least one dividing member portion defining an aperture to allow for passage of the liquid fluid from the lower section to the upper section; a feed conduit means in communication with the lower section to provide feed first liquid flow to the lower section; the lower section having at least one inlet portion defining a liquid inlet in communication with the feed conduit means; and a first baffle adjacent the inlet portion operably impacted by the first liquid flow and to hinder preferential flow along the walls of the trough and the dividing member. The trough and tower are of particular value in a sulphuric acid plant and a carbon dioxide capture plant.

No. of Pages: 36 No. of Claims: 27

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : DEVICE, SYSTEM AND METHOD OF WIRELESS COMMUNICATION VIA MULTIPLE ANTENNA ASSEMBLIES

(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 Number Filing Date (62) Divisional to Application Signature (51) International classification (12/639,044 (12/2009 (16/12/2009 (1	S.A.
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(57) Abstract:

Some demonstrative embodiments include devices, systems and/or methods of wireless communication via multiple antenna assemblies. For example, a device may include a wireless communication unit to transmit and receive signals via one or more quasi-omnidirectional antenna assemblies, wherein the wireless communication unit is to transmit, via each quasi-omnidirectional antenna assembly, a plurality of first transmissions, to receive, in response to the first transmissions, a plurality of second transmissions from another device via one or more of the quasi-omnidirectional antenna assemblies, and, based on the second transmissions, to select at least one selected transmit antenna assembly for transmitting to the other device and a selected receive antenna assembly for receiving transmissions from the other device. Other embodiments are described and claimed.

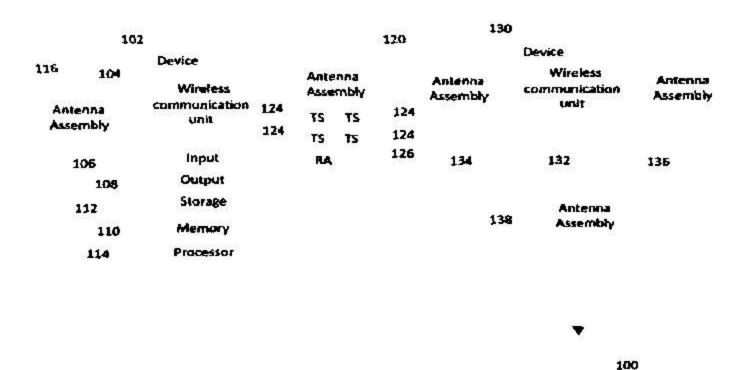


Fig. 1

No. of Pages: 35 No. of Claims: 30

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : GLASS CORE SUBSTRATE FOR INTEGRATED CIRCUIT DEVICES AND METHODS OF MAKING THE SAME

(51) International classification (71)Name of Applicant: :H01L 23/485 (31) Priority Document No 1)INTEL CORPORATION :12/653,710 (32) Priority Date Address of Applicant: 2200 MISSION COLLEGE :17/12/2009 (33) Name of priority country BOULEVARD, MS: RNB-4-150, SANTA CLARA, :U.S.A. (86) International Application No CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A. :PCT/US2010/056310 (72) Name of Inventor: Filing Date :11/11/2010 (87) International Publication No :WO 2011/084235 1)MA, QING (61) Patent of Addition to Application 2)RAO, VALLURI R. :NA Number 3)TRAN, QUAN A. :NA Filing Date 4)SANKMAN, ROBERT L. (62) Divisional to Application Number :NA 5)SWAN, JOHANNA M. Filing Date :NA

(57) Abstract:

Disclosed are embodiments of a glass core substrate for an integrated circuit (IC) device. The glass core substrate includes a glass core and build-up structures on opposing sides of the glass core. Electrically conductive terminals may be formed on both sides of the glass core substrate. An IC die may be coupled with the terminals on one side of the substrate, whereas the terminals on the opposing side may be coupled with a next-level component, such as a circuit board. The glass core may comprise a single piece of glass in which conductors have been formed, or the glass core may comprise two or more glass sections that have been joined together, each section having conductors. The conductors extend through the glass core, and one or more of the conductors may be electrically coupled with the build-up structures disposed over the glass core. Other embodiments are described and claimed.

No. of Pages: 45 No. of Claims: 26

(21) Application No.3164/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: INTEGRATED, EXTENDABLE ANESTHESIA SYSTEM

(51) International classification	:A61M 16/00	(71)Name of Applicant:
(31) Priority Document No	:61/252,269	1)SPACELABS HEALTHCARE, LLC
(32) Priority Date	:16/10/2009	Address of Applicant :5150 220TH AVENUE SE,
(33) Name of priority country	:U.S.A.	ISSAQUAH, WASHINGTON 98207, UNITED STATES OF
(86) International Application No	:PCT/US2010/052977	AMERICA U.S.A.
Filing Date	:16/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/047363	1)TOBIA, RONALD
(61) Patent of Addition to Application	:NA	2)LEVI, ANDREW
Number	:NA	3)DALGETY, LEE
Filing Date	.IVA	4)BOUDREAU, CORY
(62) Divisional to Application Number	:NA	5)CHONCHOLAS, GARY
Filing Date	:NA	6)DAMMANN, BRUCE

(57) Abstract:

The specification describes anesthesia systems with an integrated, extendable clinical center and clinician/anesthesia office that accommodates for physical separation of clinical and clerical functions. The disclosed anesthesia systems allow for a portion of the system to be brought closer to the patient such that clinical controls can be accessed while tending to the patient airway, without compromising office space available to the clinician or crowding the patient area.

No. of Pages: 71 No. of Claims: 30

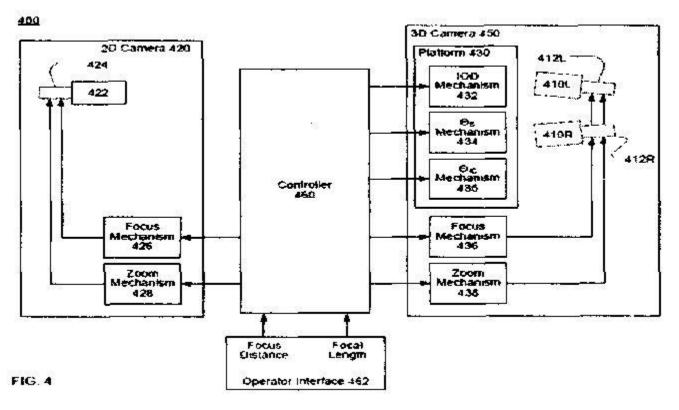
(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: INTEGRATED 2D/3D CAMERA

(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 Filing Date (63) Patent of Application Number Filing Date (64) Divisional to Application Number Filing Date (65) Respectively.	1)JAMES CAMERON Address of Applicant :2020 N. LINCOLN ST. BURBANK, CA 91504 UNITED STATES OF AMERICA U.S.A. 2)VINCENT PACE 3)CAMERON PACE GROUP
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(57) Abstract:

There is disclosed an integrated 2D/3D camera system which may include a 2D camera and a 3D camera affixed to the 2D camera. The 2D camera may include a first lens that is lens adjustable to set a 2D focus distance. The 3D camera may include a left camera and a right camera including respective left and right lenses, the left and right lenses synchronously adjustable to set a 3D focus distance. A focus mechanism may set the 2D focus distance and the 3D focus distance to be essentially equal by at least one of adjusting the first lens and synchronously adjusting the left and right lenses.



No. of Pages: 30 No. of Claims: 14

(21) Application No.5897/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : POLARIZATION PRESERVING PROJECTION SCREEN WITH ENGINEERED PIGMENT AND METHOD FOR MAKING SAME

(51) International :G03B21/56,G03B35/24,G03B21/60

classification :G03B21/30 (31) Priority Document No :61/289343

(31) Priority Document No .01/289343 (32) Priority Date :22/12/2009 (33) Name of priority country:U.S.A.

(86) International :PCT/US2010/061944

Application No :PC1/US2010/0619

Filing Date .22/12/2010

(87) International Publication :WO 2011/087873

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)REALD INC.

Address of Applicant :100 North Crescent Drive Suite 120

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2)WAVEFRONT TECHNOLOGY INC.

(72)Name of Inventor: 1)PETERSEN Joel 2)RICH Christopher

3)LEWANDOWSKI Raymond J.

4)SHARP Gary 5)COLEMAN David

(57) Abstract:

Polarization preserving projection screens provide optimum polarization preservation for 3D viewing. The projection screens additionally provide improved light control for enhanced brightness uniformity and contrast for both 2D and 3D systems. Generally the disclosed method for providing a projection screen comprises stripping an optically functional material from a carrier substrate thus creating engineered particles from the optically functional material. The engineered particles may then be deposited on a second substrate to create a substantially homogeneous optical appearance of the projection screen.

No. of Pages: 37 No. of Claims: 44

(21) Application No.3166/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR OPERATING A COKE OVEN ARRANGEMENT

 (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 	:C10B 21/02 :10 2009 042 520.9 :22/09/2009 :Germany :PCT/EP2010/062024 :18/08/2010 :WO 2011/035993 :NA :NA	(71)Name of Applicant: 1)THYSSENKRUPP UHDE GMBH Address of Applicant:FRIEDRICH-UHDE-STRASSE 15 44141 DORTMUND, GERMANY Germany (72)Name of Inventor: 1)MENZEL, JOHANNES
<u> </u>	:NA :NA	

(57) Abstract:

The invention pertains to a method for operating a coke furnace arrangement, wherein the coke oven gas accumulated during the coking process is utilized as a working gas. According to the invention, a synthesis gas produced from fossil fuel, preferably coal, by means of a gasification process is supplied as fuel gas in order to provide at least part of the thermal energy required for the coking process.

No. of Pages: 9 No. of Claims: 10

(21) Application No.3167/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR INJECTING CONTRAST MEDIA

 (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 5/00 :09170730.7 :18/09/2009 :EPO :PCT/IB2010/054114 :13/09/2010 :WO 2011/033440 :NA :NA :NA	(71)Name of Applicant: 1)SWISS MEDICAL CARE Address of Applicant: IMMEUBLE LE PORTIQUE AVENUE DE SEVELIN 28 1004 LAUSANNE SWITZERLAND Switzerland (72)Name of Inventor: 1)DUFFOUR, HERVE 2)NEFTEL, FREDERIC
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(57) Abstract:

The invention relates to a medical device for injecting contrast media including at least two separate vessels and immiscible contents inside one and/or both of the vessels, an injector and a distributor arranged such as to establish alternating communication between said vessels and said injector, said medical device being characterised in that it includes a means for providing said alternating communication at a frequency of 0.2 to 5 Hz.

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

(21) Application No.3169/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESSES FOR THE PREPARATION OF CINACALCET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:16/09/2010	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant: 12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI - 110019, INDIA Delhi India (72)Name of Inventor: 1)SAYEED MUKHTAR
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/033473 :NA :NA	2)DINESH SHASHIDHARAN NAIR 3)ROSHAN RAMESH MEDHANE, 4)NITIN MAHESHWARI 5)NEERA TEWARI
(62) Divisional to Application Number Filing Date	:NA :NA	6)MOHAN PRASAD

(57) Abstract:

The present invention provides processes and intermediates for preparing cinacalcet base and pharmaceutically acceptable salts thereof.

No. of Pages: 53 No. of Claims: 39

(21) Application No.5900/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ASSAY FOR POSITIONING A FEEDING TUBE AND METHOD 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 	:A61J15/00 :61/283401 :03/12/2009 :U.S.A. :PCT/US2010/058585 :01/12/2010 :WO 2011/068891 :NA :NA	(71)Name of Applicant: 1)RICHMOND CHEMICAL CORPORATION Address of Applicant: 2210 Midwest Road Suite 100 Oak Brook IL 60523 U.S.A. (72)Name of Inventor: 1)CARR Reuben 2)FARLEY Lucy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses a bedside or point of care assay for properly positioning a feeding tube in the stomach of a patient based on detecting the presence of a hydrolytic enzyme found in the stomach by an ester substrate which can be impregnated on a pH strip. The application of this test reduces the risk of tube misplacement and the resulting harm to the patient that occurs in the event of tube misplacement.

No. of Pages: 32 No. of Claims: 29

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: ASEPTIC CONNECTION OF SEPARATION OR REACTION SYSTEMS

(51) International classification: G01N30/60,C12M3/00,F16J15/02 (71)Name of Applicant:

(31) Priority Document No :10500072 (32) Priority Date :11/01/2010 (33) Name of priority country :Sweden

(86) International Application :PCT/SE2011/050010

:10/01/2011 Filing Date

(87) International Publication :WO 2011/084101

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)GE HEALTHCARE BIO SCIENCES AB

Address of Applicant :Patent Department Birkgatan 30 S 751

84 Uppsala Sweden (72) Name of Inventor:

1)GEBAUER Klaus

A separation or reaction unit (1; 1; 81; 81; 101) and a method for aseptically connecting such units. The separation or reaction unit (1; 1; 81; 81; 101) comprises at least one fluid inlet (3a 3b 5a 5b; 3a 3b 5a 5b; 85a 85b; 103a 103b) and at least one fluid outlet (3a 3b 5a 5b; 3a 3b 5a 5b; 85a 85b; 103a 103b). At least one of the inlet or outlet is sealed by at least one film (7 9; 11; 87a 87b; 107a 107b) and the contact surface between the film and the separation or reaction unit is aseptic. The films are adapted to be mated with a corresponding film on another separation or reaction unit or on a fluid distribution unit (20; 57; 61) which the separation or reaction unit possibly should be connected with and said mated films are adapted to be pulled out together two and two after mating such that corresponding fluid inlets/outlets on the two connected units are mated aseptically.

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

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

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

(51) International :C09D201/00,B05D7/24,C09D5/29 classification

:WO 2011/087054

(31) Priority Document No :2010-004925 (32) Priority Date :13/01/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/050435

:13/01/2011 Filing Date

(87) International Publication

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)KANSAI PAINT CO. LTD.

Address of Applicant: 33 1 Kanzaki cho Amagasaki shi Hyogo

6618555 Japan

(72) Name of Inventor: 1)SHIMIZU Hiroshi 2)FUJITA Norio

(57) Abstract:

Disclosed is a coating composition and coating film forming method which can be used in various industrial products particularly the outer panels of vehicles and which can obtain a coating colour which has high chroma saturation in the highlight and little change in subjective brightness from the face to the shade. The disclosed coating composition includes a coloured aluminium pigment and a titanium dioxide pigment and when light is irradiated at a 45 degree angle on a coating film obtained by applying the coating composition the ratio of subjective brightness L which is obtained when the specular reflected light is received at an angle of 45 degrees to the subjective brightness L obtained when the specular reflected light is received at an angle of 110 degrees is within the range of 1.00 1.50. The disclosed coating film forming method includes a step in which the coating composition is applied to a substrate followed by the application of a clear coating material.

No. of Pages: 27 No. of Claims: 5

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : CONTROLLING HANDOVER OF A MOBILE STATION FROM E- UTRAN TO UTRAN/GERAN CIRCUIT SWITCHED IN A MULTI -OPERATOR CORE 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 	:H04W36/14 :61/708318 :01/10/2012 :U.S.A. :PCT/IB2013/054691 :07/06/2013 :WO 2014/053922 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :Se 164-83, Stockholm Sweden (72)Name of Inventor: 1)DIACHINA, John Walter; 2)SCHLIWA-BERTLING, Pail;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method by a target U T RAN or target GERAN operating in CS domain to control handover of a MS from a source RAN. The method includes receiving a handover request message from a M SG server as a result of handover triggered by the source RAN. The handover request message identifies a selected PLMN identity (ID) that will serve the MS after handover. A corresponding PLMN ID index is generated that indicates an association between the selected PLMN I D and one of a plurality of PLMN I Ds of a set transmitted as system information on a Broadcast Control Channel (BCCH) by the target UTRAN or target GERAN. A handover response containing the PLMN ID index is communicated toward the MSG server for subsequent forwarding to the MS by the source RAN. Related mobile stations and methods are disclosed.

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

(21) Application No.2655/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 18/09/2015

:NA

:NA

(54) Title of the invention: UPDATING A FRONT END CLIENT

(51) International classification	:G06F15/16,G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:13/869803	1)LINKEDIN CORPORATION
(32) Priority Date	:24/04/2013	Address of Applicant :2029 Stierlin Court, Mountain View
(33) Name of priority country	:U.S.A.	,California 94043 U.S.A.
(86) International Application No	:PCT/US2014/032230	(72)Name of Inventor:
Filing Date	:28/03/2014	1)KESSLER ,Jacob
(87) International Publication No	:WO 2014/175998	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

Filing Date

A method and system to update a front- end client are described. A front- end client may be provided with a reloading wrapper. A reloading wrapper may be configured to detect that a new version of the associated client is available, fetch the new version of the client, test it, and replace the currently executing version of the client with the new version without disrupting the operation of the front- end.

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

(62) Divisional to Application Number

(21) Application No.2982/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: BEVERAGE PREPARATION MACHINE WITH CAPSULE SIZE DETECTION

 (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 	:27/09/2013 :WO 2014/056730	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55, CH- 1800 Vevey Switzerland (72)Name of Inventor: 1)FLICK, Jean-Marc;
(87) International Publication No		1)FLICK, Jean-Marc;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a beverage preparation machine having an ingredient processing module adapted to use for preparing beverages capsules of a first type having a first size and capsules of a second type having a second size. The machine comprises a positioner adapted to hold a capsule of the first or the second type. The beverage preparation machine further comprises a size sensing arrangement configured to: detect a presence of a capsule in the positioner; determine a size information by measuring a size of said detected capsule and comparing said measured size to the first and the second size; send the size information to the ingredient processing module.

No. of Pages: 29 No. of Claims: 13

(21) Application No.2983/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: BEVERAGE MACHINE

 (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 	:A47J31/36 :12187762.5 :09/10/2012 :EPO :PCT/EP2013/064001 :03/07/2013 :WO 2014/056641	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55, CH- 1800 Vevey Switzerland (72)Name of Inventor: 1)KOLLEP, Alexandre; 2)FLICK, Jean-Marc; 3)BONACCI, Enzo;
	:WO 2014/056641 :NA :NA :NA :NA	

(57) Abstract:

A machine (1) for preparing a beverage from an ingredient capsule (20), comprises: an ingredient capsule processing module (15) having a chamber (16, 17) for processing the capsule therein; a passage (2) for a transfer of the capsule to the chamber; and a capsule positioner (40) having at least one member (45a, 45b) which delimits a seat (44) for receiving the capsule the movable member (s) being movable from a position for receiving and holding the capsule to a position for releasing the capsule into the passage. The movable member (s) (45a, 45b) is/are arranged to: hold the capsule generally vertically above the passage in the receiving and holding position; and drop the capsule generally vertically from the capsule positioner into the passage in the releasing position.

No. of Pages: 43 No. of Claims: 19

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: GASTROINTESTINAL PROSTHESES HAVING PARTIAL BYPASS CONFIGURATIONS

 (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 	:07/01/2011 :WO 2011/085234 :NA :NA	(71)Name of Applicant: 1)METAMODIX INC. Address of Applicant: 3650 Annapolis Lane North Plymouth Minnesota 55447 U.S.A. (72)Name of Inventor: 1)BELHE Kedar R. 2)THOMPSON Paul J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A system of components may be used separately or in combination to create partial bypass of food stomach and intestinal secretions and digestive enzymes. The systems are designed to be modular so as to allow the physicians to quickly replace certain elements to tailor the amount of material bypassed the restriction applied to food passage and the origin and destination of bypass according to the patient s individualized clinical needs.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: WIND TURBINE INERTIA 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 	:H02P9/04 :ES201400192 :11/03/2014 :Spain :NA :NA	(71)Name of Applicant: 1)GAMESA INNOVATION & TECHNOLOGY, S.L. Address of Applicant: Avenida Ciudad de la Innovaci³n, 9-11, 31621 Sarriguren (Navarra) Spain. Spain (72)Name of Inventor: 1)JIMENEZ BUENDIA, Francisco
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

Inertia control system for a wind turbine comprising a rotor (5), generator (12) driven by the rotor (5) that interacts with a power converter (13) to generate electricity, a wind turbine controller (15) that comprises a blade pitch controller (19) and a generated power controller (18), a controller for the power converter (14) that interacts with the wind turbine controller (15), characterized because it comprises an inertia emulation block (17) that generates an extra power signal (32) negatively proportional to the frequency change rate (23) that is added to the power reference of the wind turbine generated power controller (15) and adapts the rotational speed reference of the wind turbine controller (15) according to the grid frequency (21) to prevent distortion in the active power output after adding or subtracting power in proportion to the frequency change rate (23). (Figure 3)

No. of Pages: 29 No. of Claims: 11

(21) Application No.5912/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: ACCURACY IMPROVING DESICCANTS

(51) International :G01N33/48,G01N27/00,G01N35/00 classification

(31) Priority Document No :61/297515 (32) Priority Date :22/01/2010 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2011/022258 Application No

:24/01/2011 Filing Date

(87) International :WO 2011/091363 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA (71)Name of Applicant:

1)BAYER HEALTHCARE LLC

Address of Applicant :555 White Plains Road Tarrytown NY

10591 U.S.A.

(72)Name of Inventor:

1)CHU Amv H.

2)WARCHAL WINDHAM Mary Ellen

(57) Abstract:

Filing Date

A biosensor system for determining the concentration of an analyte in a sample includes a plurality of test sensors and includes a container including a desiccant. When the plurality of test sensors is sealed in the container for two weeks at a temperature of 50°C and then removed from the container and each test sensor is subsequently connected through the at least two conductors to a measurement device and then contacted with one of a plurality of samples including an analyte where the plurality of samples have an analyte concentration that spans the range of 10 mg/dL 600 mg/dL and the analyte concentration in each sample is measured by the test sensor and the measuring device the bias of each measured analyte concentration is within ± 10 mg/dL or $\pm 10\%$.

No. of Pages: 40 No. of Claims: 31

(21) Application No.5913/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention : METHOD FOR THE AUTOMATIC ORIENTATION OF A SOLAR PANEL DEVICE AND DEVICE OPERATING ACCORDING TO SAID 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 	:F24J2/54,F24J2/38 :1050017 :04/01/2010 :France :PCT/EP2010/070954 :31/12/2010 :WO 2011/080330 :NA :NA	(71)Name of Applicant: 1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES Address of Applicant: 25 rue Leblanc Btiment le Ponant D F 75015 Paris France (72)Name of Inventor: 1)PINEAU Antoine 2)BOUDEHENN Fran§ois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for orienting a solar panel device (3) characterised in that the solar panel device is oriented along at least one axis (5) in a first direction and in a second direction using energy from a first fluid tank (6) or from a second fluid tank (8) said energy being supplied by solar radiation and the two tanks being independent. The invention is further characterised in that the solar panel device is oriented along the aforementioned axis (5) in the first direction or in the second direction until a distributor (13 14) prevents one of the cylinder chambers from being supplied by one of the chambers of a tank.

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : POLYMER-MODIFIED ASPHALT WITH A CROSSLINKING AGENT AND METHODS OF PREPARING

 (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 	:20/12/2010 :WO 2011/100033 :NA :NA :NA	(71)Name of Applicant: 1)ICL PERFORMANCE PRODUCTS LP Address of Applicant:622 Emerson Road Suite500 St. Louis MO 63141 U.S.A. (72)Name of Inventor: 1)FEE Darrell C. 2)MALDONADO Rene 3)ROMAGOSA Enrique E.
Filing Date	:NA	

(57) Abstract:

Methods of preparing a cross linked polymer modified asphalt is provided. The method involves adding a crosslinking agent to asphalt prior to the addition of a crosslinkable polymer and an acid. Asphalt prepared by the disclosed methods exhibit improved properties such as properties measured by the Multiple Stress Creep Recovery (MSCR) test.

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

(21) Application No.5916/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ORAL CARE FLUID DELIVERY 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 	:28/01/2011 :WO 2011/094587 :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)FATTORI Joseph
Filing Date	:NA	

(57) Abstract:

An oral care implement having a fluid dispensing system for dispensing an oral care fluid. In one embodiment the oral care implement may be a toothbrush including a handle a neck and a head containing a plurality of tooth cleaning elements. Embodiments of the toothbrush further include a removable container or reservoir including a collapsible bladder that holds the oral care fluid. The bladder is in fluid communication with one or more fluid dispensing outlets disposed in the head. A manually actuated pump disposed in the handle provides the motive force for dispensing the fluid.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : FTTP SYSTEM FOR PASSIVE OPTICAL NETWORK FOR MINIMIZING FIBER LAYING BY UTILIZING EXISTING LAID FIBER

(51) International classification (31) Priority Document No	:H04N :NA	(71)Name of Applicant: 1)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-
(32) Priority Date	:NA	DOT)
(33) Name of priority country	:NA	Address of Applicant :Mehrauli New Delhi 110030 India
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANKAJ KUMAR DALELA
(61) Patent of Addition to Application Number	:NA	2)SAURABH BASU
Filing Date	:NA	3)VIPIN TYAGI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present disclosure relate a method and a system for optimizing required fiber in a passive optical network (PON) using existing fiber. The method includes mapping existing fiber data of the PON with digital Geographical Information System (GIS) data and processing the digital GIS data using a processing unit to generate Navigational grade digital GIS map data. An Optical Line Terminal (OLT) placement unit determines the OLT location digital GIS data. The method includes determining OLT-ONU clusters using OLT-ONU cluster unit. Further calculating shortest path from OLT to multiple optical network unit (ONU) of individual OLT-ONU cluster by the processing unit using the Navigational grade digital GIS map data and fiber to the premises (FTTP) data. Further determining incremental fiber and splitters location in the PON from the calculated shortest path for providing minimized path between the OLT and the multiple ONU thereby optimizing the required fiber.

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

(21) Application No.2988/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: A TUBULAR WELDING WIRE

(51) International classification	:B23K35/36,B23K35/02	(71)Name of Applicant:
(31) Priority Document No	:13/743178	1)HOBART BROTHERS COMPANY
(32) Priority Date	:16/01/2013	Address of Applicant :400 Trade Square East, Troy, Ohio
(33) Name of priority country	:U.S.A.	45373 U.S.A.
(86) International Application No	:PCT/US2013/074533	(72)Name of Inventor:
Filing Date	:12/12/2013	1)BARHORST, Steven;
(87) International Publication No	:WO 2014/113155	2)AMATA, Mario;
(61) Patent of Addition to Application	:NA	3)PAGANO, Kevin;
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates generally to welding and, more specifically, to welding wires for arc welding, such as Gas Metal Arc Welding (GMAW) or Flux Core Arc Welding (FCAW). In one embodiment, a tubular welding wire includes a sheath and a core, and the core includes an organic stabilizer component. Further, the organic stabilizer component includes an organic sub-component configured to release hydrogen near a surface of a workpiece during welding, and includes a Group I metal, Group II metal, or a combination thereof.

No. of Pages: 29 No. of Claims: 20

(21) Application No.2989/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: GAS STORAGE TANK

(51) International classification :C08L77/02,F17C1/16,C08G69/08 (71)Name of Applicant :

:08/10/2013

(31) Priority Document No :1202704 (32) Priority Date :10/10/2012

(33) Name of priority country :France

(86) International Application :PCT/EP2013/070907

Filing Date

(87) International Publication :WO 2014/056887

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)RHODIA OPERATIONS

Address of Applicant : Rue de la Haie Cog 40, F -93306

Aubervilliers France (72) Name of Inventor:

1)BZDUCHA, Wojciech 2) SPERONI, Franco

(57) Abstract:

The present invention relates to a gas storage tank, for storing gas especially CNG, methane and/or hydrogen, said tank comprising a liner comprising a high -viscosity polyamide composition comprising a branched polyamide and an impact modifier, and to a process for manufacturing said the tank. More particularly, the composition comprises a copolyamide of the random tree type resulting from the reaction between a multifunctional monomer comprising at least three reactive functions to form an amide function, these functions being of two different types, diffunctional monomers conventionally used in the manufacture of linear polyamides, and optionally difunctional monomers.

No. of Pages: 26 No. of Claims: 16

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : BEST GROUP SELECTION IN ELEVATOR DISPATCHING SYSTEM INCORPORATING REDIRECTOR INFORMATION

 (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 	:NA :NA :NA :PCT/US2010/024701 :19/02/2010 :WO 2011/102837 :NA :NA	(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)CHRISTY Theresa M. 2)MONTAGUE Wade 3)STANLEY Jannah 4)WILLIAMS Daniel
Filing Date	:NA	

(57) Abstract:

An elevator dispatching system (100) includes a plurality of elevator groups (101 102) each of the plurality of elevator groups (101 102) comprising a group controller (103a b) and a plurality of elevator cars (101a c 102a c) each of the plurality of elevator groups (101 102) serving a respective set of floors; and a redirector (104) configured to receive a service request comprising a destination floor and in the event more than one elevator group (101 102) serves the destination floor determine a best group to service the request from the plurality of elevator groups (101 102) based on information stored in the redirector (104) wherein the group controller (103a b) of the determined best group is configured to determine a best car from the plurality of elevator cars (101a c 102a c) in the determined best group.

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

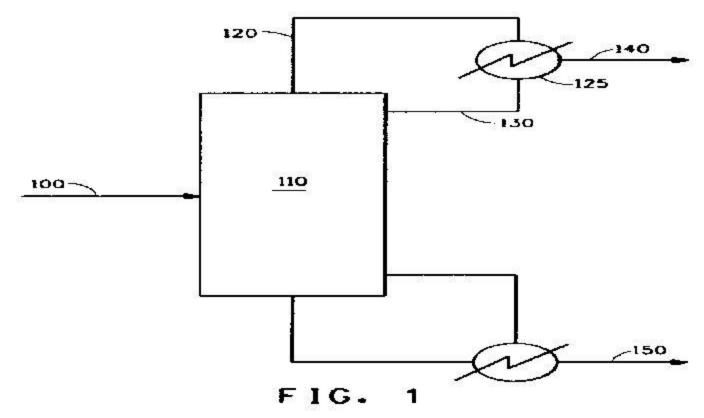
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: HYDROGEN FLUORIDE-HFC-254EB AZEOTROPE AND ITS USES

(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 (86) International Application No SPCT/US2010/052237 SPCT/US2010/0522	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:12/10/2010 :WO 2010/053449 :NA :NA :NA	` '
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(57) Abstract:

Described is a process for separating 1,1,1,2-tetrafluoropropane and hydrogen fluoride from a mixture comprising 1,1,1,2-tetrafluoropropane, 1,1,1,2,3-pentafluoropropane and hydrogen fluoride comprising: subjecting said 1,1,1,2-tetrafluoropropane, 1,1,1,2,3-pentafluoropropane and hydrogen fluoride mixture to a distillation step, forming a column distillate composition comprising an azeotropic or near-azeotropic composition of said 1,1,1,2-tetrafluoropropane and hydrogen fluoride, and a bottoms composition of 1,1,1,2,3-pentafluoropropane. The column distillate may optionally be made essentially free of 1,1,1,2,3-pentafluoropropane and the column bottoms composition may optionally be made essentially free of HF. Also described is a process for separating 1,1,1,2-tetrafluoropropane and hydrogen fluoride. Also described are azeotropic and azeotrope-like compositions comprising 1,1,1,2-tetrafluoropropane and hydrogen fluoride.



No. of Pages: 28 No. of Claims: 14

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROVIDER EDGE BRIDGE WITH REMOTE CUSTOMER SERVICE INTERFACE

 (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 	:12/11/2010 :WO 2011/058520 :NA :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)SALTSIDIS, PANAGIOTIS 2)DING, ZHEMIN
Filing Date	:NA	

(57) Abstract:

A method and Provider Edge Bridge (91, 131) for providing a Virtual C-tagged User Network Interface, VUNI, service interface or a Hairpin Switching service interface, in one embodiment, the Provider Edge Bridge (91) includes a Customer VLAN, C-VLAN, component (94); a first S-VLAN component (95) connected to the C-VLAN component and to a Metro Ethernet Network, MEN (92); and a second S-VLAN component (96) connected to the C-VLAN component (94), to the first S-VLAN component (95), and to an External Network Interface, E-NNI (93). in another embodiment, the Provider Edge Bridge (131) includes the C-VLAN component (94) and a single S-VLAN component (132) connected to the C- VLAN component (94), to the MEN (92), and to the E-NNI (93). In both embodiments, the Provider Edge Bridge is configured to provide the VUNI service interface or the Hairpin Switching service interface without utilizing a S-VLAN mapping component.

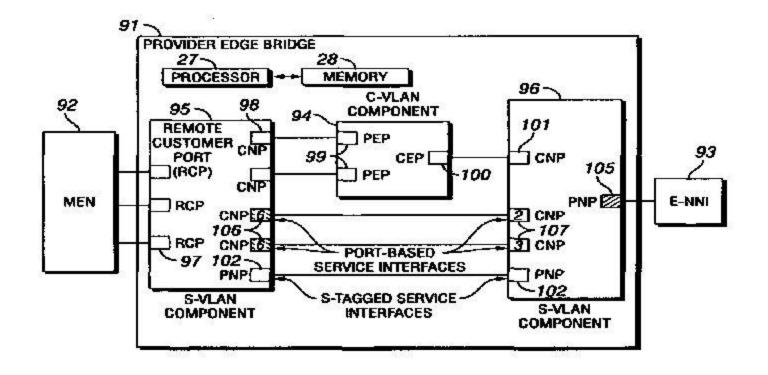


FIG. 9

No. of Pages: 38 No. of Claims: 12

(21) Application No.3729/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: FERRITIC STAINLESS STEEL SHEET HAVING EXCELLENT ANTI BACTERIAL ACTIVITY AND METHOD FOR PRODUCING SAME

(51) International classification: C22C38/00,C21D9/46,C22C38/20 (71) Name of Applicant:

:WO 2014/103722

(31) Priority Document No :2012282843 (32) Priority Date :26/12/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/083205

:11/12/2013 Filing Date

(87) International Publication

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)NIPPON STEEL & SUMIKIN STAINLESS STEEL

CORPORATION

Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku

Tokyo 1000004 Japan

(72)Name of Inventor:

1)MORITA Tomohiko 2)HATANO Masaharu 3)ISHIMARU Eiichiro

4)IUCHI Koichi

5)YAMAGISHI Akihito

(57) Abstract:

A ferritic stainless steel sheet. An first embodiment of the ferritic stainless steel sheet contains 0.1 to 5.0 mass% inclusive of Cu and has a Cu rich layer on the surface thereof wherein the maximum concentration of Cu (Cm) in the Cu rich layer is 10.0 mass% or more and the Fe/Cr ratio at a position at which the maximum concentration of Cu (Cm) is stood at as observed from the surface of the steel sheet in the thickness direction is 2.4 or more. A second embodiment of the ferritic stainless steel sheet contains 0.1 to 5.0 mass% inclusive of Cu and has a Cu rich layer on the surface thereof wherein the maximum concentration of Cu (Cm) in the Cu rich layer is 18.0 mass% or more.

No. of Pages: 110 No. of Claims: 10

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CLOSED LOOP SINGLE AXIS GANGED TRACKING ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date	:H01J37/34 :NA :NA	(71)Name of Applicant: 1)KGDS RENEWABLE ENERGY PRIVATE LIMITED Address of Applicant :3E-34, 'D' BUNGALOW PLOT NIT
(33) Name of priority country	:NA	FARIDABAD, 121001, HARYANA Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)DR. C SURESH KUMAR 2)M. PRATAP
(61) Patent of Addition to Application Number	:NA	3)B S VISHNU KUMAR
Filing Date	:NA	4)S HARISH KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A linear fresnel reflector solar energy boiler system is provided including one or more primary reflectors and a ganged tracking assembly. The ganged tracking assembly includes at least a connecting arm and a tracking arm, and wherein the ganged tracking assembly facilitates adjustment of tilt angles of the one or more primary reflectors. The one or more primary reflectors are preset with respect to each other at pre-defined tilt angles wherein the pre-defined tilt angles are driven by a combination of at least one gear box and at least one motor.

No. of Pages: 21 No. of Claims: 11

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : SELF CONTAINED PV POWERED DOMESTIC TOILET AND WASTEWATER TREATMENT SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:C02F1/46 :61/710857 :08/10/2012	(71)Name of Applicant: 1)CALIFORNIA INSTITUTE OF TECHNOLOGY Address of Applicant: 1200 East California Boulevard M/C
(33) Name of priority country	:U.S.A.	201 85 Pasadena CA 91125 U.S.A.
(86) International Application NoFiling Date(87) International Publication No	:PC1/US2013/063/90 :08/10/2013 :WO 2014/058825	(72)Name of Inventor : 1)HOFFMANN Michael R. 2)ARYANFAR Asghar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHO Kangwoo 4)CID Clement A. 5)KWON Daejung
(62) Divisional to Application Number Filing Date	:NA :NA	6)QU Yan

(57) Abstract:

A wastewater treatment system and method for remediating wastewater and human waste that is self contained and that has no connection to a municipal wastewater system and no connection to an electrical grid. The domestic toilet and wastewater treatment system can be powered by a photovoltaic panel as a source of electricity. The system includes an electrochemical cell that allows a waste stream to be disinfected in a few hours to a condition where no viable bacterial colonies can be cultured. The system produces a liquid stream that is suitable for system flushing or for uses in which non potable water is acceptable. The system can generate hydrogen as a product that can be used to generate power. The system can generate nitrate urea ammonia and phosphate for use as fertilizer. The disinfected residual organic solids are also completely disinfected for potential use as an organic soil amendment for agriculture.

No. of Pages: 102 No. of Claims: 18

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR PRODUCING POLYAMIDE

(51) International classification	:C08G69/28	(71)Name of Applicant:
(31) Priority Document No	:2012246252	1)MITSUBISHI GAS CHEMICAL COMPANY INC.
(32) Priority Date	:08/11/2012	Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008324 Japan
(86) International Application No	:PCT/JP2013/078626	(72)Name of Inventor:
Filing Date	:22/10/2013	1)MUNEYASU Kuniaki
(87) International Publication No	:WO 2014/073373	2)KIMURA Yuya
(61) Patent of Addition to Application	:NA	3)SHINOHARA Katsumi
Number	:NA	4)TOCHIHARA Tatsuya
Filing Date		5)KUROSE Hideyuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for producing a polyamide having a melting point of 255°C or higher by polycondensing a xylylenediamine mix containing paraxylylenediamine as a diamine component and a dicarboxylic acid component using a batch reactor. The method is characterized in that the diamine component is added dropwisely to the dicarboxylic acid component which has been heated to a temperature equal to or higher than the melting point thereof and therefore is kept in a molten state under a pressure of 0.1 MPaG or more while keeping the resultant reaction mixture in a molten state wherein the temperature of the reaction mixture is kept at 255°C or lower until the molar ratio in the reaction mixture (i.e. (the diamine component)/(the dicarboxylic acid component)) reaches 0.8 and the temperature of the reaction mixture after the completion of the dropwise addition is adjusted to a temperature equal to or higher than the melting point of the polyamide. The method enables the production of a polyamide that has an improved hue and is advantageous with respect to quality.

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

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : PROCESSES AND SYSTEMS FOR OBTAINING AROMATICS FROM CATALYTIC CRACKING HYDROCARBONS

(51) International classification (31) Priority Document No (32) Priority Date	:C10G35/00 :61/711934 :10/10/2012	(71)Name of Applicant: 1)GTC TECHNOLOGY US LLC Address of Applicant: 1001 S. Dairy Ashford Suite 500
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2013/031146 :14/03/2013	Houston TX 77077 U.S.A. (72)Name of Inventor: 1)JIN Weihua
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2014/058465 :NA :NA	2)DING Zhongyi 3)CRETOIU Mircea 4)GENTRY Joseph C. 5)LOCKHART Mark
(62) Divisional to Application Number Filing Date	:NA :NA	6)SHYAMKUMAR Calambur 7)WANG Pinti

(57) Abstract:

Methods and processes for producing paraxylene from catalytic cracking hydrocarbons particularly C and C streams are disclosed. Each of the processing steps may be tailored to the overall objective of high paraxylene yield from a relative inexpensive feedstock.

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

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ISOINDOLINEDIONE DERIVATIVES AS ANTI-HIV AND ANTIBACTERIAL AGENTS

(51) I	C07D335/04	(71)NJ 6 A 19 A
(51) International classification	:C0/D335/04,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. RAMENDRA K. SINGH
(32) Priority Date	:NA	Address of Applicant :NUCLEIC ACIDS AND ANTIVIRAL
(33) Name of priority country	:NA	RESEARCH LABORATORY, DEPARTMENT OF
(86) International Application No	:NA	CHEMISTRY, UNIVERSITY OF ALLAHABAD,
Filing Date	:NA	ALLAHABAD-211 002, INDIA. Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. RAMENDRA K. SINGH
Filing Date	:NA	2)DR. GARIMA KUMARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel anti-HIV and antibacterial agents, their derivatives, their analogs, their tautomers, their stereoisomers, their geometric isomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and their pharmaceutically acceptable compositions. The present invention more particularly relates to novel derivatives of isoindolinedione bearing different linkages like amide, imine, sulphonamide and thioamide, their derivatives, their analogs, their tautomers, their stereoisomers, their geometric isomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and their pharmaceutically acceptable compositions. The novel isoindolinedione derivatives have the general formula (I),

No. of Pages: 4 No. of Claims: 5

(21) Application No.2937/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: PAGE PROCESSING AT TOUCH SCREEN DISPLAY

(51) International :G06F3/0488,G06F3/0481,G06F3/0482 classification

(31) Priority Document :201210401741.1

:19/10/2012 (32) Priority Date

(33) Name of priority :China

country

(86) International :PCT/US2013/065674 Application No

:18/10/2013 Filing Date

(87) International :WO 2014/063045 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ALIBABA GROUP HOLDING LIMITED

Address of Applicant : Fourth Floor, One Capital Palce, P.O.

Box 847, Grand Cayman Cayman Island

(72)Name of Inventor:

1)WANG,Qiqi

(57) Abstract:

The present disclosure provides example methods, apparatuses, and devices of processing a page at a touch screen display. The page is divided into multiple page sections. The multiple page sections are loaded and presented by multiple page containers. When the page is displayed, the present techniques detect a gesture that triggers a page processing. When the gesture is detected the page processing is applied to a gesture affected area including enlarging or reducing a size of a page container in the gesture affected area. The present techniques may help the user conveniently operate the page and accurately view the user's desired contents by detecting the gesture of the user.

No. of Pages: 41 No. of Claims: 20

(21) Application No.2938/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: CHROMOPHORE COMBINATIONS FOR BIOPHOTONIC USES

(51) International :A61K41/00,A61P17/00,A61P17/02

classification

(31) Priority Document No :61/701502 (32) Priority Date :14/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2013/000786

:13/09/2013 Filing Date

(87) International Publication :WO 2014/040176

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KLOX TECHNOLOGIES INC.

Address of Applicant: 275 Boulevard Armand - Frappier,

Laval, Quebec H7V 4A7 Canada

(72) Name of Inventor: 1)LOUPIS, Nikolaos

2)PIERGALLINI, Remigio

(57) Abstract:

The present disclosure provides biophotonic compositions and methods useful in phototherapy. In particular, the biophotonic compositions of the present disclosure comprise at least two xanthene dyes. The biophotonic compositions and the methods of the present disclosure are useful for promoting wound healing and skin rejuvenation, as well as treating acne and other skin disorders.

No. of Pages: 104 No. of Claims: 138

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

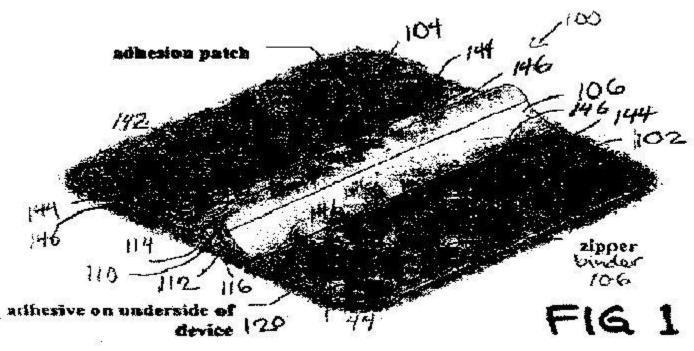
(54) Title of the invention: RAPID CLOSING SURGICAL CLOSURE DEVICE

 (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 	:61/243,423 :17/09/2009 :U.S.A.	(71)Name of Applicant: 1)ZIPLINE MEDICAL, INC. Address of Applicant: 1916 FALLEN LEAF LANE, LOS ALTOS, CA 94024, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BELSON, AMIR 2)BECKEY, BRIAN 3)LEARY, JAMES, J.
- 14	:NA :NA :NA	

(57) Abstract:

A surgical closure device or wound closure device utilizes a slide fastener for rapidly closing a surgical incision or wound with precise apposition of the sides of the incision. Various embodiments of the surgical closure device are configured for linear incisions, shaped incisions, such as used for wedge biopsy or excisional biopsy, and long incisions, such as used for laparotomy or surgical removal of redundant skin. In one particularly preferred method of use, the surgical closure device is adhered to the patients skin prior to making an incision and is subsequently used for closing the incision. Additional features provide for injection of anesthetics or other drugs into or around the surgical site, drainage of the surgical site, cutting guides for specially shaped incisions and controllable compression of the apposed edges for improved healing. A skin mesher device is provided for treating skin deficiency around a wound or incision.

Zipline Basic Concept step 1: adhere to skin



No. of Pages: 137 No. of Claims: 89

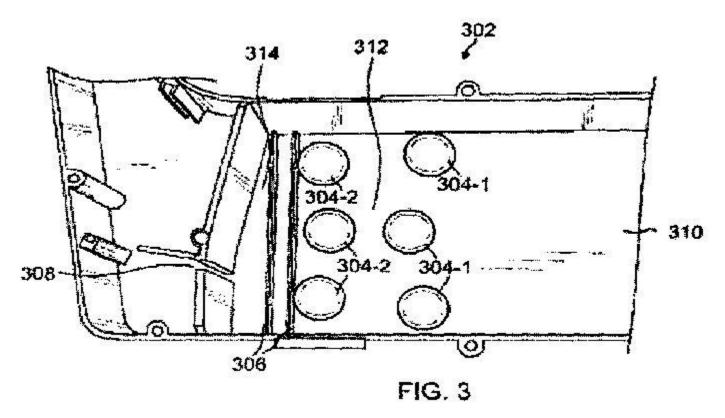
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: RIBBON CASSETTE

(51) International classification	:B41J 32/02	(71)Name of Applicant:
(31) Priority Document No	:12/562,489	1)PRINTRONIX, INC.
(32) Priority Date	:18/09/2009	Address of Applicant :14600 MYFORD ROAD, IRVINE,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92606, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/048645	(72)Name of Inventor:
Filing Date	:13/09/2010	1)WHITE, DENNIS R.
(87) International Publication No	:WO 2011/034818	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, a ribbon cassette includes two rows of spherical bumps extending between sidewalls of the cassette on both a floor and ceiling of the cassette and a pair of concentric arched retaining walls on both the floor and ceiling between an exit gate and the rows of bumps. In another embodiment, there is only one row of bumps and one retaining wall on the floor and ceiling. In another embodiment, the retaining walls are straight. The two rows and retaining walls, along with cassette sidewalls, form three distinct zones for densely packing the ribbon, unpacking the ribbon, and isolating the ribbon, resulting in less jamming with longer lengths of ribbon.



No. of Pages: 24 No. of Claims: 21

(21) Application No.674/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ANIMAL I • MAZE

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Ritu Gilhotra
(32) Priority Date	:NA	Address of Applicant :School of Pharmacy, Gyan Vihar
(33) Name of priority country	:NA	University, Jaipur 302 025 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Ritu Gilhotra
87) 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 animal I • maze is a novel maze to assess anxiety behavior in mice. The I • maze comprise of a white straight platform of 48 cm length and 5 cm width. Maze is divided equally into three arms; one central open arm, surrounded on outer edges by 6 mm high lip •. This open arm is in continuation with two terminal closed arms that are positioned such that one closed arm is at each side of open arm. Each closed arm has a 6 cm high wall. The fabrication material may be wooden or any other temperature buffering material that may be helpful to resist change in temperature of the surface of the maze platform.

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

(21) Application No.3681/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: A LIGHT TO ELECTRIC ENERGY CONVERTING DEVICE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)DEEPAK CHAUDHARY
(32) Priority Date	:NA	Address of Applicant :D - 26 PHASE 1, PALLAV PURAM,
(33) Name of priority country	:NA	MEERUT, (U.P.)-250110, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEEPAK CHAUDHARY
(87) 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:

According to this invention a light to electric energy converting device is disclosed. The light to energy converting device comprise an artificial light source holding device to hold the light source. A cover is provided over the light source to reflect the light in the desired direction. A plurality of photocells are positioned on the inner surface of the cover such that to absorb energy from artificial light and converting the same into electric energy to be used directly or stored for subsequent use.

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

(22) Date of filing of Application :09/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REGULATING A COOLING DEVICE FITTED TO A SWITCHGEAR CABINET

(51) International classification :H05K (71)Name of Applicant: (31) Priority Document No :10 2010 009 776.4 1)RITTAL GMBH & CO. KG (32) Priority Date Address of Applicant: Auf dem Stutzelberg 35745 Herborn :01/03/2010 (33) Name of priority country Germany Germany :Germany (86) International Application No :PCT/EP2011/051863 (72)Name of Inventor : Filing Date :09/02/2011 1)RALF SCHNEIDER (87) International Publication No : NA 2)MICHAEL SCHOLL (61) Patent of Addition to Application 3)STEFFEN WAGNER :NA Number 4)MICHAEL MAAGE :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for regulating a cooling device (2) fitted in or to a switchgear cabinet (1), by means of a regulating device (22), wherein the temperature (TI) of the switchgear cabinet interior air (I, P) is detected. and an interior fan (23) assigned thereto for generating an interior air flow through an evaporator (21) and providing cooling air is switched on if the detected temperature (TI) of the switchgear cabinet interior air exceeds an upper setpoint temperature (T2), and is switched off if the detected temperature (TI) falls below a lower setpoint temperature (TI), and the invention relates to an apparatus for carrying out the method. A reduced energy consumption and an increased service life with reliable operation are achieved by virtue of the fact that after the interior fan (23) has been switched off owing to the lower setpoint temperature (Ti) being undershot, a timekeeping is started and the interior fan (23) is switched on after a predetermined first time duration (tl) for a predetermined second time duration (t2) and is then switched off again if the detected temperature (TI) still falls below the upper setpoint temperature (T2), as long as the second time duration (t2) proceeds, that the intermittent time-controlled mode of operation of the interior fan (23) is cyclically repeated until the upper setpoint temperature (T2) is exceeded, after which the interior fan (23) is operated in continuous operation, and that the timekeeping and the intermittent time-controlled mode of operation of the interior fan (23) are started anew if the lower setpoint temperature (Ti) is undershot.

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

(21) Application No.669/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : A PROCESS FOR CHAPERONE ASSISTED FOLDING OF MULTIPLE RECOMBINANT PROTEINS IN SIMULTANEOUSLY IN E.COLI

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :Hauz Khas, New Delhi-110016, India
(33) Name of priority country	:NA	Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAPAN K. CHAUDHURI
(87) International Publication No	: NA	2)MEGHA GOYAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process has been provided for chaperone assisted folding of multiple aggregation prone recombinant proteins simultaneously in E.coli comprising of preparation of an expression system for co-expressing MalZ and aconitase in presence of GroEL-GroES in E.coli, subjecting MalZ and aconitase to the step of chaperone assisted folding to obtain functional form of both the proteins simultaneously.

No. of Pages: 27 No. of Claims: 6

(21) Application No.700/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AUTOCLAVABLE VESICULAR COMPOSITION

(51) International classification	:A61Q19/00,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PANJAB UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :University Institute of Pharmaceutical
(33) Name of priority country	:NA	Scienses, Panjab University, Sector 14, Chandigarh -160014, India
(86) International Application No	:NA	Chandigarh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KAUR, Indu, Pal
(61) Patent of Addition to Application Number	:NA	2)KAKKER, Shilpa
Filing Date	:NA	3)YADAV, Monika
(62) Divisional to Application Number	:NA	4)JINDAL, Keshav
Filing Date	:NA	5)Sharma, Ikkshita

(57) Abstract:

The present invention relates generally to an autoclavable nanovesicular composition for effective delivery of an active ingredient by different routes including ocular, transmucosal, parenteral and topical routes. More particularly, the invention provides an autoclavable nanovesicular composition for ocular and parenteral delivery of an active drug. The present vesicular system provides an advantageous property of controlled release and prolonged effect.

No. of Pages: 58 No. of Claims: 37

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: MULTI -DIMENSIONAL DATA CAPTURE OF AN ENVIRONMENT USING PLURAL DEVICES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04N13/02,H04N5/262 :61/699223 :10/09/2012 :U.S.A. :PCT/US2013/059089	(71)Name of Applicant: 1)AEMASS, INC. Address of Applicant:1086 Folsom Street, San Francisco, California 94103 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:10/09/2013 :WO 2014/040081 :NA :NA	1)MILLETT ,Marshall Reed
Filing Date	:NA	

(57) Abstract:

Embodiments of the invention describe apparatuses, systems, and methods related to data capture of objects and/or an environment. In one embodiment, a user can capture time- indexed three-dimensional (3D) depth data using one or more portable data capture devices that can capture time indexed color images of a scene with depth information and location and orientation data. In addition, the data capture devices may be configured to captured a spherical view of the environment around the data capture device.

No. of Pages: 36 No. of Claims: 24

(21) Application No.2916/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: COMPONENT CARRIER

(51) International :B60R16/023,E05B85/02,H05K5/00 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/DE2013/000524

:13/09/2013

Filing Date

(87) International Publication :WO 2015/035966

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant: Hseler Platz 2, D- 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)MITTELBACH, Stephan;

(57) Abstract:

The invention relates to a component carrier for receiving electric/electronic components (2, 4, 5, 5-6, 7), in particular in motor vehicle door locks, having at least one electric connection element (2), also at least one carrier element (3) and one or more electric conductors (6) for electrically contacting the connection element (2) and/or an electric component (4,7). Said connection element (2) and the at least one electric component (7) form a structural unit (2, 7) which can be connected or is connected to the carrier element (3).

No. of Pages: 15 No. of Claims: 16

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR OPTICALLY DETECTING DISSOLVED MICROMETRIC OBJECTS

(51) International classification	:G01N 15/14	(71)Name of Applicant :
(31) Priority Document No	:0904966	1)COMMISSARIAT L'ENERGIE ATOMIQUE ET AUX
(32) Priority Date	:16/10/2009	ENERGIES ALTERNATIVES
(33) Name of priority country	:France	Address of Applicant :25 RUE LEBLANC, BATIMENT LE
(86) International Application No	:PCT/EP2010/065382	PONANT D, F-75015 PARIS, FRANCE France
Filing Date	:14/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/045360	1)CEDRIC ALLIER
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The general field of the invention is that of contact imaging devices. The process relates to detecting micron- or submicron-sized particles or organisms by means of such a device, said particles or organisms being immersed in a liquid droplet (G) and the detection being carried out by means of a matrix of photosensitive cells or photosites. The process comprises one detection step or a succession of detection steps carried out while the liquid droplet is evaporating. It may also comprise a detection step carried out after the liquid droplet has evaporated. Under certain conditions, the process allows a three-dimensional distribution of the particles or organisms in the initial unevaporated droplet to be reconstructed.

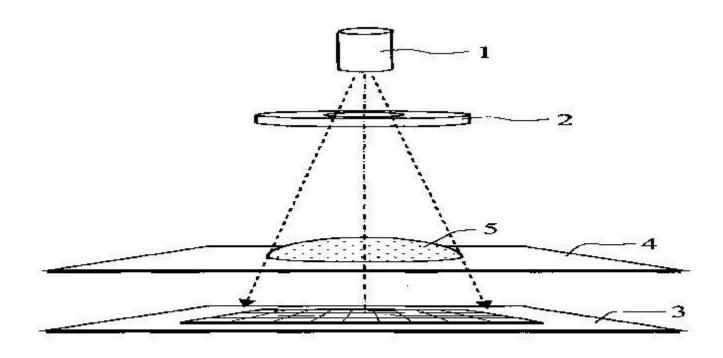


FIG. 1

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

(21) Application No.686/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DYNAMIC CONTENT DELIVERY IN A MULTISCREEN DIGITAL TELEVISION ENVIRONMENT

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJAGOPALAN, Ramakrishnan
(87) International Publication No	: NA	2)RAJAPANDIYAN, Karthick
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method(s) and system(s) for dynamic content delivery in a multiscreen digital television (DTV) environment (100) are disclosed. The method includes streaming a multimedia content to a first content viewing device (106-1) of the multiscreen DTV environment (100), and providing tags on the first content viewing device (106-1) during the streaming of the multimedia content. Each of the tags is associated with a predefined content sequence within the multimedia content. The method further includes receiving a signal indicative of a user selected tag, from amongst the tags provided on the first content viewing device, and providing one of an audio and an audio-video of the predefined content sequence corresponding to the user selected tag to a second content viewing device (106-2) of the multiscreen DTV environment (100).

No. of Pages: 29 No. of Claims: 18

(21) Application No.701/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : A SYSTEM FOR AUTOMATION AND EFFICIENT EXECUTION OF TASKS RELATED TO MOBILE POS IN RETAIL BUSINESS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tyco Fire & Security GmbH
(32) Priority Date	:NA	Address of Applicant : Victor von Bruns-Strasse 21, 8212
(33) Name of priority country	:NA	Neuhausen am Rheinfall, Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Paul Brent Rasband
(87) International Publication No	: NA	2)Manjuprakash Rama Rao
(61) Patent of Addition to Application Number	:NA	3)Surajit Borah
Filing Date	:NA	4)Sreenath K. Ramanna
(62) Divisional to Application Number	:NA	5)Stewart E. Hall
Filing Date	:NA	

(57) Abstract:

Method for managing mobile point of sale (mPOS) operations using a wireless network to detect location data includes capturing video data of one or more customers within a retail store premises. The video data is analyzed to determine one or more customer behavior indicators potentially indicating a need for mPOS services. The location data is used to correlate the customer behavior indicators with the one or more customers. The method also involves determining a probability that at least one of the customers will be requesting mPOS services within a predetermined interval of time.

No. of Pages: 27 No. of Claims: 20

(21) Application No.3159/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHOTOVOLTAIC MODULE

 (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 	:H02J 7/00 :61/251,461 :14/10/2009 :U.S.A. :PCT/US2010/052327 :12/10/2010 :WO 2011/046935 :NA :NA	(71)Name of Applicant: 1)FIRST SOLAR, INC. Address of Applicant: 28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JOSEPH CASLER 2)BRIAN E. COHEN
Filing Date	:NA	

(57) Abstract:

A photovoltaic module may include a transparent conductive layer on a substrate a first submodule including a first plurality of photovoltaic cells connected in series and a second submodule including a second plurality of photovoltaic cells connected in series.

No. of Pages: 20 No. of Claims: 38

(21) Application No.5888/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Tite of the invention : TAXANE PRO-EMULSION FORMULATIONS AND METHODS MAKING AND USING THE SAME \bullet

 (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 	:C07C :61/306,315 :19/02/2010 :U.SA. :PCT/US2011/025418 :18/02/2011 : NA :NA	(71)Name of Applicant: 1)TEIKOKU PHARMA USA INC. Address of Applicant: 1718 Ringwood Avenue San Jose California 95131-1711 U.S.A. U.S.A. 2)TECHNO GUARD CO. LTD. (72)Name of Inventor: 1)NABETA Kiichiro
- 10.000	:NA :NA :NA	

(57) Abstract:

Taxane pro-emulsion formulations are provided. Pro-emulsion formulations are dried powders that include a taxane oil surfactant and sugar alcohol. Also provided are methods of making and using the pro-emulsion formulations as well as kits that include the pro-emulsion formulations.

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

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTROL METHOD FOR LOW VOLTAGE RIDE THROUGH

 (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 	:H02J3/38 :201010033770.8 :11/01/2010 :China :PCT/CN2010/001689 :25/10/2010 :WO 2011/082512 :NA :NA :NA	(71)Name of Applicant: 1)SINOVEL WIND GROUP CO. LTD. Address of Applicant:19F Culture Building No 59 Zhongguancun Street Haidian District Beijing 100872 China (72)Name of Inventor: 1)SU Liying 2)JING Haibin 3)YANG Song 4)YUAN Ying
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(57) Abstract:

A control method for low voltage ride through comprises the following steps: 1)A control circuit (9) monitors a DC bus voltage of a set of frequency converters (3 4) connected between a wind generator rotor and a power grid (12) and a voltage of the power grid; 2) If the monitored DC bus voltage of the set of frequency converters is judged to be higher than a designed value the control circuit controls a thyristor (7) in a crowbar protection circuit connected to the wind generator rotor to be closed to obtain a shunt protection; 3) After the thyristor is closed the control circuit controls a stator breaker (1) which is connected between a wind generator stator and the power grid to disconnect the wind generator stator and the power grid; 4) After the stator breaker disconnects the power grid and the wind generator stator the control circuit further controls a breaker (5) of a shunt circuit to be opened firstly and then be closed the thyristor is turned off automatically and thus the protection function of the shunt circuit is recovered; 5) This state is maintained until the control circuit monitors a recovery of the voltage of the power grid a generator synchronous control breaker is closed rapidly and a normal operation is recovered. The control method provides low voltage ride through performance with a simple control strategy.

No. of Pages: 13 No. of Claims: 6

(21) Application No.666/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : QR CODE RECEIPT •

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIEBOLD-SELF SERVICE SYSTEMS, DIVISION OF
(32) Priority Date	:NA	DIEBOLD, INCORPORATED
(33) Name of priority country	:NA	Address of Applicant :5995 Mayfair Road, North Canton,
(86) International Application No	:NA	Ohio 44720, USA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MUKUND AGARWAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an example embodiment, after a transaction, a Quick Response (QR \bullet) code having data representative of the transaction (e.g., a receipt) is displayed on a user interface of a device involved in the performance of the transaction. The QR code can be scanned, for example by a mobile device such as a mobile telephone, which can generate a receipt for the transaction (or transactions) based on the QR code.

No. of Pages: 31 No. of Claims: 20

(21) Application No.5898/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHOTOVOLTAIC DEVICE BACK CONTACT

(51) International classification :H01L31/00,H01L31/0203 (71)Name of Applicant : (31) Priority Document No 1)FIRST SOLAR INC. :61/288065 (32) Priority Date :18/12/2009 Address of Applicant: 28101 Cedar Park Boulevard (33) Name of priority country Perrysburg OH 43551 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2010/060201 1)ADDEPALLI Pratima V. Filing Date :14/12/2010 (87) International Publication No :WO 2011/075461 2)KARPENKO Oleh P. (61) Patent of Addition to Application 3)SHIELDS Thomas W. :NA :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

(57) Abstract:

A method for manufacturing a photovoltaic device may include depositing a semiconductor absorber layer on a substrate depositing a molybdenum in the presence of a nitrogen to form a molybdenum nitride in contact with the semiconductor absorber layer and doping the molybdenum nitride with a copper dopant.

No. of Pages: 15 No. of Claims: 39

(22) Date of filing of Application :03/07/2012 (43)

(43) Publication Date: 18/09/2015

(54) Title of the invention: SWEET OR SOUR SERVICE CATALYTIC DEWAXING IN BLOCK MODE CONFIGURATION

 (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 	:C10G1/00 :61/284740 :23/12/2009 :U.S.A. :PCT/US2010/061948 :23/12/2010 :WO 2011/079237 :NA :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant:1545 Route 22 East P.O. Box 900 Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor: 1)PRENTICE Krista M. 2)DAAGE Michel A.
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(57) Abstract:

Sweet and sour lubricant feeds are block and continuous processed to produce lubricant basestocks. Total liquid product yields at a desired pour point are maintained for catalytic dewaxing of both sweet and sour conditions. The desired pour point is achieved for both the sweet and sour feeds by varying the catalytic dewaxing reaction temperature as a function of sulfur content entering the reactor.

No. of Pages: 73 No. of Claims: 30

(21) Application No.743/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : LIVE NV REPLAY FOR ENABLING HIGH PERFORMANCE AND EFFICIENT TAKEOVER IN MULTI-NODE STORAGE CLUSTER

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)NETAPP, INC. Address of Applicant:495 EAST JAVA DRIVE
(33) Name of priority country (86) International Application No	:NA :NA	SUNNYVALE, CA 94089 (UNITED STATES) U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)USGAONKAR PRAKASH AMEYA
(87) International Publication No	: NA	2)NANDI SIDDHARTHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A live non-volatile (NV) replay technique enables a partner node to efficiently takeover a failed node of a high-availability pair in a multi-node storage cluster by dynamically replaying operations synchronously logged in a non-volatile random access memory (NVRAM) of the partner node, while also providing high performance during normal operation. Dynamic live replay may be effected through interpretation of metadata describing the logged operations. The metadata may specify a location and type of each logged operation within a partner portion of the NVRAM, as well as any dependency among the logged operation and any other logged operations that would impose an ordering constraint. During normal operation, the partner node may consult the metadata to identify dependent logged operations and dynamically replay those operations to satisfy one or more requests. Upon failure of the node, the partner node may replay, in parallel, those logged operations having no imposed ordering constraint, thereby reducing time needed to complete takeover of the failed node.

No. of Pages: 32 No. of Claims: 20

(21) Application No.3170/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF A CRYSTALLINE FORM OF LENALIDOMIDE

 (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 	:C07D 401/04 :NA :NA :NA :PCT/IB2010/054187 :16/09/2010 :WO 2011/033468	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor: 1)SARIDI MADHAVA DILEEP KUMAR 2)MUNISH KAPOOR
Filing Date	:16/09/2010	
	:WO 2011/033468	,
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)SWARGAM SATHYANARAYANA 4)RAJESH KUMAR THAPER 5)MOHAN PRASAD
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an in-situ process for the preparation of polymorphic Form A of lenalidomide.

No. of Pages: 13 No. of Claims: 16

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR PREPARING POLYOLEFIN

:03/02/2011

(51) International classification: C08F10/00, C08F10/02, B01J19/18 (71) Name of Applicant:

(31) Priority Document No :10152827.1 (32) Priority Date :05/02/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/051524 No

Filing Date

(87) International Publication :WO 2011/095532

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)TOTAL PETROCHEMICALS RESEARCH FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

(Feluy) Belgium

(72) Name of Inventor: 1)DAMME Eric 2)FOUARGE Louis

3)BETTE Jer'me 4)FERNANDEZ Alvaro 5)VANTOMME Aurlien 6)OREINS Renaud 7)SIRAUX Daniel

(57) Abstract:

The invention relates to a process for preparing polyolefin in a loop reactor. The polymer is prepared by polymerizing olefin monomers in the presence of a catalyst to produce a polyolefin slurry while pumping said slurry through said loop reactor by means of a pump. The present process is characterized in that the catalyst is fed in the loop reactor at a distance to the pump. The invention allows production of the polymer with advantageous properties while leading to fewer blockages of the reactor.

No. of Pages: 29 No. of Claims: 15

(21) Application No.5906/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: STERILE SURGICAL TRAY

(51) International classification	:A61B19/02	(71)Name of Applicant:
(31) Priority Document No	:12/684850	1)DOHENY EYE INSTITUTE
(32) Priority Date	:08/01/2010	Address of Applicant :1450 San Pablo Street #3000 Los
(33) Name of priority country	:U.S.A.	Angeles CA 90033 U.S.A.
(86) International Application No	:PCT/US2011/020415	(72)Name of Inventor:
Filing Date	:06/01/2011	1)HUMAYUN Mark
(87) International Publication No	:WO 2011/085127	2)DEBOER Charles
(61) Patent of Addition to Application	:NA	3)MCCORMICK Matthew
Number	:NA	4)BHADRI Prashant
Filing Date	.IVA	5)CICCHELLA Joel
(62) Divisional to Application Number	:NA	6)KERNS Ralph
Filing Date	:NA	

(57) Abstract:

A sterile surgical tray includes structure for receiving a plurality of surgical instruments. The sterile surgical tray also may include electrical input and output connectors attached to tray.

No. of Pages: 67 No. of Claims: 35

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SCHEDULING MAP FOR LTE/GSM MULTIPLEXING

(51) International classification :H04W36/00,H04W73
(31) Priority Document No :61/287623
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055888

Filing Date :16/12/2010 (87) International Publication No :WO 2011/073946

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:H04W36/00,H04W72/12 (71)Name of Applicant :

 $1) TELEFONAKTIEBOLAGET\ L\ M\ ERICSSON\ (PUBL)$

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)OLSSON Magnus

2)RUNE Gran

3)SYNNERGREN Per 4)WESTERBERG Erik

(57) Abstract:

Scheduling map(s) (40) are generated and updated for employment in an access division multiplexing (ADM) environment for allocating resource utilization (e.g. use of transmission time intervals) to or between differing radio access technology networks and particularly to a Long Term Evolution (LTE) network and a Global System for Mobile communication (GSM) network. In some example embodiments the scheduling map(s) apparatus and methods hereof are implemented in a wireless terminal which participates in access division multiplexing between the differing radio access technologies in other example embodiments the scheduling map (s) apparatus and methods hereof are implemented in a network node (e.g. eNodeB) of one of the radio access technology networks e.g. the Long Term Evolution (LTE) network.

No. of Pages: 51 No. of Claims: 30

(22) Date of filing of Application :07/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION FOR TREATING CUTANEOUS BURNS

 (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 :2009/0780 :11/12/2009 :Belgium :PCT/EP2010/069412 :10/12/2010 : NA :NA :NA :NA	 (71)Name of Applicant: 1)45 Sec. LLC Address of Applicant: 45 Lispenard St. Apt 6W New York NY 10013 United States of America U.S.A. (72)Name of Inventor: 1)Jean-Jacques DEBETENCOURT
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(57) Abstract:

The present invention relates to a pharmaceutical composition characterized in that said composition contains at least 4 wt% relative to the total weight of the composition of an active principle selected from among cetearyl octanoate and hexanoic acid beeswax and optionally one or more pharmaceutically acceptable excipient(s) as well as to the use thereof for the treatment of cutaneous pre-burns or burns and for reducing pain following a thermal shock.

No. of Pages: 30 No. of Claims: 21

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ORAL CARE IMPLEMENT

(51) International classification(31) Priority Document No(32) Priority Date	:A46B9/04,A46B9/06,A46B15/00 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2010/022557 :29/01/2010 :WO 2011/093874	(72)Name of Inventor: 1)JIMENEZ Eduardo 2)MOSKOVICH Robert 3)KENNEDY Sharon 4)GATZEMEYER John
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)ROONEY Michael 6)STORZ Joachim 7)KLAUSEGGER Raimund
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An oral care implement such as a toothbrush includes a head defining a longitudinal axis and a plurality of tooth cleaning elements supported by the toothbrush head. The tooth cleaning elements preferably include at least one tooth polishing unit having a polishing element including a supporting base and a broadened flexible tooth polishing head extending angularly outwards from the base and defining a polishing surface. In a preferred embodiment the polishing element is made of an elastomeric material. In some embodiments the polishing element may be comprised of a plurality of individual polishing members.

No. of Pages: 35 No. of Claims: 24

(21) Application No.6061/DELNP/2012 A

(19) INDIA

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

(43) Publication Date: 18/09/2015

$(54) \ Title \ of the \ invention: 5-(1H-PYRAZOL-5-YL)THIAZOLE-BASED \ COMPOUNDS \ FOR \ THE \ TREATMENT \ OF \ DISEASES \ AND \ DISORDERS \ OF \ THE \ EYE$

 (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 :61/297,397 :22/01/2010 :U.S.A. :PCT/US2011/021970 :21/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)LEXICON PHARMACEUTICALS INC. Address of Applicant:8800 Technology Forest Place The Woodlands TX 77381 U.S.A. (72)Name of Inventor: 1)GOODWIN Nicole Cathleen 2)RAWLINS David Brent
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(57) Abstract:

5-(1H-PYRAZOL-5-YL)THIAZOLE-BASED COMPOUNDS FOR THE TREATMENT OF DISEASES AND DISORDERS OF THE EYE Inhibitors of LIM kinase 2 are disclosed along with pharmaceutical compositions comprising them and methods of their use. Particular compounds are of the formula:

No. of Pages: 35 No. of Claims: 17

(21) Application No.6062/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: RESINS

 (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 	:10/12/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)CAMBRIDGE BIOPOLYMERS LIMITED Address of Applicant: Ickleton Road Duxford Cambridgeshire CB2 4FB U.K. (72)Name of Inventor: 1)FITCHETT Colin Stanley 2)CHAPPELL Colin Graham
Filing Date	:NA	

(57) Abstract:

The present invention relates to methods for the production of a resin such as a thermosetting resin particularly a bioresin components for use in the methods and products obtained from the methods. In one aspect the method of forming a resin comprising the steps of: (1) providing an aldehyde-cross-linking agent condensate obtained by reacting a volatile aldehyde with a cross-linking agent; (2) providing a non-volatile aldehyde; and (3) combining the aldehyde-cross-linking agent condensate and the non-volatile aldehyde thereby forming the resin.

No. of Pages: 37 No. of Claims: 26

(21) Application No.1009/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

$(54) \ Title \ of the \ invention: SIGNAL-PROCESSING \ DEVICE, IMAGING \ APPARATUS \ AND \ SIGNAL-PROCESSING \ PROGRAM$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant:12-1 YURAKUCHO 1-CHOME, CHIYODA-KU, TOKYO, JAPAN Japan
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)YOSHIZUKA, YOKO
(87) International Publication No	:NA	2)OKANO, KOSUKE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)OKAZAKI, MITSUHIRO
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A Signal-processing device includes a determination section that-compares a frequency spectrum and a floor spectrum of an input audio signal to each other for each frequency bin and determines whether the input audio signal should be subjected to noise reduction processing or not for each of the frequency bins: and a noise reduction-processing section that subtracts a noise frequency spectrum from the frequency spectrum of the input audio signal lor each of the frequency bins on the basis of the result determined by the determination section for each of the frequency bins.

No. of Pages: 45 No. of Claims: 8

:NA

:NA

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REPROCESSING HIGH CARBON COAL FLY ASH TO PRODUCE CEMENTITIOUS MATERIALS

(51) International classification: C04B18/08,B09B3/00,C04B14/28 (71) Name of Applicant: (31) Priority Document No :61/284313 1)TENSORCRETE LLC (32) Priority Date :16/12/2009 Address of Applicant :3032 E. Commercial Blvd. Fort Lauderdale Florida 33308 U.S.A. (33) Name of priority country :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2010/054471 1)WILSON Bary Wallace :28/10/2010 Filing Date 2) WILSON Brandon Ruf (87) International Publication :WO 2011/084212 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The invention provides a system and method of thermally processing high carbon coal fly ash to produce hydraulically reactive or pozzolanic supplemental cementitious material (SCM) and synthesis gas. In this ash to energy and cement (ATEC) process coal fly ash and ancillary fuels are fed into a thermal reactor along with oxide materials such as limestone. Carbon in the ancillary fuel and in the coal fly ash is converted to synthesis gas that is combusted to generate steam or electricity. The remaining low carbon ash and bed material exits the thermal reactor chamber and is further processed at high temperature in a kiln or slagging unit to produce partially fused nodules or clinker. The nodules or clinker are cooled and ground to a desired fineness for use as a cementitious materials. The ATEC process effectively converts high carbon coal fly ash waste to energy and value added SCM.

No. of Pages: 32 No. of Claims: 20

(21) Application No.5923/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR POSITION DETERMINATION IN A CELLULAR COMMUNICATIONS 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 	:H04W64/00 :61/291101 :30/12/2009 :U.S.A. :PCT/IB2010/055484 :29/11/2010 :WO 2011/080622 :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)WIGREN Torbjrn 2)KANGAS Ari
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A scaling apparatus and method scales uncertainty criteria (horizontal and vertical accuracy requirements) originally received from an end user before the uncertainty criteria is sent on to a wireless terminal (30) as requirements on the accuracy of location positioning performed by/for the wireless terminal. In an example embodiment the amount/degree of scaling is selected according to a configured best estimate of the confidence and uncertainty relation and such best estimate can be based on the majority of the terminals of the network. For a WCDMA radio access network (RAN) case the scaling can be performed in a radio network controller (RNC). For a Long Term Evolution (LTE) radio access network (RAN) case the scaling can be performed in the evolved Serving Mobile Location Center (eSMLC) node (26). In another case the scaling can alternatively be performed in the wireless terminal itself.

No. of Pages: 67 No. of Claims: 23

(21) Application No.5924/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date: 18/09/2015

(54) Title of the invention: COMBINATION OF DROLOXIFENE AND CLOPIDOGREL

(51) International :A61K31/138,A61K31/4365,C07D495/04 classification

(31) Priority Document

:0921334.9

(32) Priority Date :04/12/2009

(33) Name of priority :U.K.

country

(86) International Application No

:PCT/GB2010/002209

:01/12/2010 Filing Date

(87) International

:WO 2011/067560

Publication No (61) Patent of Addition

:NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)TCP INNOVATIONS LIMITED

Address of Applicant :Babraham Hall Babraham Cambridge

CB22 3AT U.K.

(72)Name of Inventor:

1)GRAINGER David John

(57) Abstract:

The invention relates to the composition and use of a medicament comprising a fixed dose combination of droloxifene and clopidogrel.

No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application :03/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: COLOR CHANGE OF CHALCONE-CONTAINING ORAL CARE FORMULATIONS

 (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 	:A61K8/35,A61Q11/00 :61/293079 :07/01/2010 :U.S.A. :PCT/US2011/020370 :06/01/2011 :WO 2011/085098 :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)SCHAEFFER KORBYLO Lyndsay 2)SZEWCZYK Gregory 3)DU THUMM Laurence 4)SCHAEFFER KORBYLO Lyndsay
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(57) Abstract:

Oral care compositions and methods are described in which the composition includes a chalcone color change component which may be phenyl 3 methoxy 4 hydroxystyryl ketone. The color change component is induced to change colors by addition of saliva and/or by a change in pH of the composition. The composition and methods provide benefits including providing visual cues to the user.

No. of Pages: 16 No. of Claims: 12

(21) Application No.5920/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: SEMICONDUCTOR DEVICE

(51) International :H03K19/177,H01L21/8234,H01L21/8238 classification

(31) Priority Document :2010009569

:20/01/2010 (32) Priority Date

(33) Name of priority :Japan

country

(86) International

:PCT/JP2010/072839 Application No :14/12/2010

Filing Date (87) International

:WO 2011/089808 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)SEMICONDUCTOR ENERGY LABORATORY CO.

LTD.

Address of Applicant: 398 Hase Atsugi shi Kanagawa

2430036 Japan

(72) Name of Inventor:

1)TAKEMURA Yasuhiko 2)YAMAZAKI Shunpei

(57) Abstract:

It is an object to provide a semiconductor device in which power consumption can be reduced. It is another object to provide a highly reliable semiconductor device using a programming cell such as a programmable logic device (PLD). In accordance with a change in a configuration of connections between basic blocks power supply voltage furnishing to the basic blocks is changed. That is when the structure of connections between the basic blocks is such that a basic block does not contribute to a circuit the supply of the power supply voltage to this basic block is stopped. Further the supply of the power supply voltage to the basic blocks is controlled using a programming cell formed using a field effect transistor whose channel formation region is formed using an oxide semiconductor the field effect transistor having extremely low off state current or extremely low leakage current.

No. of Pages: 83 No. of Claims: 36

(21) Application No.714/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A REINFORCED BAMBOO STRUCTURAL MEMBER AND A PROCESS FOR MAKING THEREOF.

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. AMOD KUMAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF COMMUNITY
(33) Name of priority country	:NA	HEALTH, ST. STEPHEN'S HOSPITAL, TIS HAZARI, DELHI-
(86) International Application No	:NA	110054, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. AMOD KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A reinforced bamboo structural member (100) comprising a Hollow Reinforced Enclosure (HRE) (101) forming a reinforced covering a bamboo (103) inserted inside HRE (101) from one of its ends and a continuous adhesive layer (102) made up of adhesive between HRE (101) and the bamboo (103). The present invention further comprises a process for making said a reinforced bamboo structural member.

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

(21) Application No.3098/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR GENERATION OF MICROWAVES

 (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 	:25/09/2009 :WO 2011/037498 :NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS BOFORS AB Address of Applicant:S-691 80 KARLSKOGA, SWEDEN Sweden (72)Name of Inventor: 1)FREDRIK OLSSON 2)MAGNUS KARLSSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device for generation of microwaves comprising a virtual cathode oscillator (1) in a coaxial embodiment with an outer cylindrical tube forming a cathode (2) and connected to a transmission line (14) for feeding the cathode (2) with voltage pulses, and an inner cylindrical tube, at least partially transparent for electrons, forming a anode (3) and connected to a waveguide (13) for outputting microwave radiation generated by the formation of a virtual cathode (4) inside an area enclosed by the anode. Through the introduction of electrically conductive structures (5 and 6) a device for generation of microwaves is achieved that demonstrates higher efficiency and higher peak output.

No. of Pages: 11 No. of Claims: 14

(22) Date of filing of Application :09/07/2012 (43) Publication Date: 18/09/2015

(54) Title of the invention: APPLICATIONS BASED RADIO RESOURCE MANAGEMENT IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04L 12/56 (31) Priority Document No :10/178,107 (32) Priority Date :24/06/2002 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2003/002111 (72)Name of Inventor:

Filing Date :04/06/2003

(87) International Publication No :WO 2004/002084

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :3988/DELNP/2004 Filed on :15/12/2004

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE)

Sweden

1)BASILIER, HENRIK 2)LUNDSTROM, ANDRES

(57) Abstract:

A wireless communication network manages communication resources based on the types of packet data being car ried by the network for each mobile station. Packet data for each use is matched to packet matching filters in defined flow type 0 profiles. Each flow type profile corresponds to an expected application behavior and includes one or more resource control param eters having values set with regard to that expected behavior. An application activity profile is generated for each mobile station based on deriving resource control parameters using parameter values corresponding to the active flows for each mobile station. The 0 network determines each mobile stations active flows based on matching that mobile stations packet data types to one or more of > the defined flow type profiles. Thus, the network manages communication resources individually and/or jointly for its users based on the type of packet data traffic passing through the network for each of those users.

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

(21) Application No.764/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR STORAGE OF A CORE DUMP ON A REMOTELY CONNECTED STORAGE DEVICE IN A CLUSTER EVIRONMENT

(51) International classification	:G21C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NETAPP, INC.
(32) Priority Date	:NA	Address of Applicant :495, EAST JAVA DRIVE
(33) Name of priority country	:NA	SUNNYVALE, CA 94089 (UNITED STATES) U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DARISA RAMPRASAD VENKATA
(87) International Publication No	: NA	2)ALLU RAVINDRANATH NANDAKUMAR
(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 storage of a core dump on a remotely connected storage device in a cluster environment is provided. In response to the need to perform a core dump operation, determination is made whether a local storage disk is available. If no local spare disk is available, other nodes in the cluster are queried via a cluster fabric protocol to identify a spare disk connected to another node of the cluster. The core dump is then performed via a cluster fabric switching network from a failed node to a node hosting a free spare disk.

No. of Pages: 29 No. of Claims: 15

(21) Application No.3108/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: LIGHT ENHANCED FLOW TUBE

 (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 	:G01F 23/30 :61/252,269 :16/10/2009 :U.S.A. :PCT/US2010/034025 :07/05/2010 :WO 2011/046636 :NA :NA :NA	(71)Name of Applicant: 1)SPACELABS HEALTHCARE, LLC Address of Applicant:5150 220TH AVENUE SE, ISSAQUAH, WASHINGTON 98207, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BLUEMNER, ERIK, J. 2)KOSMOPOULOS, GEORGES, P. 3)TOBIA, RONALD
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(57) Abstract:

An improved fluid flow gauging device includes a light enhanced acrylic block flow tube to optimize visualization of pressure readings. An LED or other light source is fitted to the top of the flow tube and illuminates a float or bobbin from above to provide more accurate readings, especially in low light conditions such as modern operating rooms. In addition, the light enhanced flow tube provides a mechanical backup in the case of failure of newer electronic systems and visually matches the graphical flow display, simultaneously providing a double-check of the electronic system.

No. of Pages: 28 No. of Claims: 20

(21) Application No.3093/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONSTRUCT

 (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 	:C12N 7/04 :0918375.7 :20/10/2009 :U.K. :PCT/GB2010/001807 :24/09/2009 :WO 2011/048353 :NA :NA	(71)Name of Applicant: 1)THE PIRBRIGHT INSTITUTE, Address of Applicant: ASH ROAD, PIRBRIGHT GU24 ONF, UNITED KINGDOM U.K. (72)Name of Inventor: 1)BRYAN CHARLESTON 2)IAN JONES
(61) Patent of Addition to Application	:NA	2)IAN JONES

(57) Abstract:

The present invention provides a construct which, when expressed in a host cell, is capable of producing empty virus capsids, the construct comprising: (i) a nucleotide sequence encoding a capsid precursor protein; (ii) a nucleotide sequence encoding a protease capable of cleaving the capsid precursor protein; and (iii) a control element which controls the expression of the protease such that, when the construct is present in the host cell, the control element causes the protease to be expressed at a level sufficient to cleave the capsid precursor protein, but not sufficient to induce significant toxicity in the host cell. The invention also provides a vector and a host cell comprising such a construct and their use to generate empty virus capsids.

No. of Pages: 46 No. of Claims: 26

(21) Application No.3094/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITION CONTAINING 5-FLUOROCYTOSINE FOR FUNGAL CONTROL IN CEREALS

(51) International classification	:A61K 31/505	(71)Name of Applicant :
(31) Priority Document No	:61/249,475	1)DOW AGROSCIENCES LLC
(32) Priority Date	:07/10/2009	Address of Applicant:9330 ZIONSVILLE ROAD,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, INDIANA 46268, UNITED STATES OF
(86) International Application No	:PCT/US2010/047142	AMERICA U.S.A.
Filing Date	:30/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/043876	1)BETH LORSBACH
(61) Patent of Addition to Application	:NA	2)ALICE MEITL
Number		3)W. JOHN OWEN
Filing Date	:NA	4)CHENGLIN YAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract:

A fungicidal composition containing a fungicidally effective amount of a) a compound of Formula I and (b) at least one fungicide selected from the group consisting of epoxiconazole, prothioconazole, azoxystrobin, pyraclostrobin, penthiopyrad, isopyrazam, bixafen, boscalid, chlorothalonil and isobutyric acid (3S,6S,7R,8R)-8-benzyl-3-[(3-isobutyryloxymethoxy-4-methoxypyridine-2-carbonyl)-amino]-6-methyl-4,9-dioxo-[1,5]dioxonan-7-yl ester provides synergistic control of selected fungi.

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

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: COATINGS AGENTS WITH GOOD STORAGE STABILITY, AND COATINGS PRODUCED THEREFORM WITH HIGH SCRATCH RESISTANCE AND SIMULTANEOUSLY GOOD WEATHERING RESISTANCE

(51) International classification :B05D 7/00 (71)Name of Applicant: (31) Priority Document No :10 2009 054071.7 1)BASF COATINGS GMBH (32) Priority Date Address of Applicant :GLASURITSTRASSE 1, 48165 :20/11/2009 (33) Name of priority country MUENSTER, GERMANY Germany :Germany (86) International Application No :PCT/EP2010/006330 (72)Name of Inventor: Filing Date :16/10/2010 1) CHRISTIAN ARENS (87) International Publication No :WO 2011/060858 2)MATTHIJS GROENEWOLT (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 coating compositions comprising at least one hydroxyl-containing polyacrylate and/or polymethacrylate and/or polyester and/or polyester and/or polysiloxane and at least one compound (B) having blocked isocyanate groups and having alkoxysilane groups, characterized in that (i) the hydroxyl groups of component (A) are blocked with at least one acyclic orthoester, (ii) the compound (B) has at least one structural unit (II) -N(X-SiR,,x(OR)3-x)n(X-SiR,,y(OR)3.y)m (II), where R = hydrogen, cycloalkyl radical or alkyl radical, X,X = linear and/or branched alkylene or cycloalkylene radical having 1 to 20 carbon atoms, R = alkyl, cycloalkyl, aryl or aralkyl, n, m, x, y = 0 to 2, and also m+n = 2, and (iii) at least 90 mol% of the alkoxysilane groups are ethoxysilane groups. The present invention further provides multistage coating processes using these coating compositions, and also the use of the coating compositions as clearcoat material and application of the coating process for automotive OEM finishing and the finishing of parts for installation in or on automobiles.

No. of Pages: 44 No. of Claims: 15

(21) Application No.3101/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYNERGISTIC FUNGICIDAL MIXTURES FOR FUNGAL CONTROL IN CEREALS

 (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 	:A61N 43/64 :61/249,479 :07/10/2009 :U.S.A. :PCT/US2010/051598 :06/10/2010 :WO 2011/044213 :NA :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 ZIONVILLE ROAD, INDIANAPOLIS, INDIANA 46268, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)W. JOHN OWEN 2)CHENGLIN YAO
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(57) Abstract:

A fungicidal composition containing a fungicidally effective amount of a compound of Formula I-V and at least one fungicide selected from the group consisting of epoxiconazole, prothioconazole, azoxystrobin, pyraclostrobin, penthiopyrad, isopyrazam, bixafen, boscalid, prochloraz, and chlorothalonil provides synergistic control of selected fungi.

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

(21) Application No.733/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A METHOD OF RISK ASSESSMENT OF PROTHROMBOTIC TENDENCY

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANIZATION
(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	110001 Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ASHRAF, Zahid
Filing Date	:NA	2)TYAGI, Tarun
(62) Divisional to Application Number	:NA	3)GUPTA, Neha
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a method of risk assessment of prothrombotic tendency by determining calpain activity levels. The present disclosure also relates to a method of identification of compounds with a potential to alleviate venous thrombosis.

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

(21) Application No.625/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SPINNING MACHINE AND METHOD FOR TRANSFERRING A YARN TO A PIECING DEVICE

(51) International classification	:B65H69/06	(71)Name of Applicant:
(31) Priority Document No	:10 2014 103 193.8	1)Rieter Ingolstadt GmbH Address of Applicant :Friedrich-Ebert-Strasse 84, 85055
(32) Priority Date	:11/03/2014	Ingolstadt, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Adalbert Stephan
Filing Date	:01/01/1900	2)Robert Hagl
(87) International Publication No	: NA	3)Evzen Pilar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FA) A1		·

(57) Abstract : Attached

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

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TECHNOLOGY OF TWIN GENERATORS TURBINE COMMON SHAFT POWER UNIT

(51) International classification	:F03B13/264	(71)Name of Applicant:
(31) Priority Document No	:NA	1)S.L. CHHABRA
(32) Priority Date	:NA	Address of Applicant :356, NEW MARKET RAWAT
(33) Name of priority country	:NA	BHATA 323305 RAJASTHAN Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)S.L. CHHABRA
(87) International Publication No	: NA	2)HEMANT CHHABRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

length and diameter is taken. A No. of ball bearing or cylindrical beating fi-ames having external diameters equal to the internal diameter of the hollov cylindrical shaft are fitted inside it and a stainless steel hollow cylindrical el having external diameter longer than the shaft is passed through it and fitted inside the ball bearings so that the hollow cylindrical shaft may rotate about the length of the axel. A pelton type of turbine of suitable size is fitted in the mile parts of length of the shaft held between cylindrical holes made in the parallel walls of a closed turbine chamber 4 No. of gripping devices are taken and fitted Qn the ends of cylindrical holes inside and outside with the hollow cylindrical slaft so that the hollow cylindrical shaft may fitted firmly in the cylindrical hol as well as able to rotate fi-eely. Two Rotor-Rings of stainless steel mO%ted with magnetized 48 No. of coils connected in 3-Phase are fitted with e parts of length of hollow cylindrical shaft being extended outside the turbine Chamber on its either sides just close to the outside ends of cylindrical holes in Uch a way that the length of hollow cylindrical shaft passes perpendicular trough the centres of planes of diameters of these Rotor-Rings surroundet by their respective stator coils. Two governors are fitted on the either ends f this shaft and the ends of axel passed through it are fixed on vertical support fiiy.

No. of Pages: 23 No. of Claims: 4

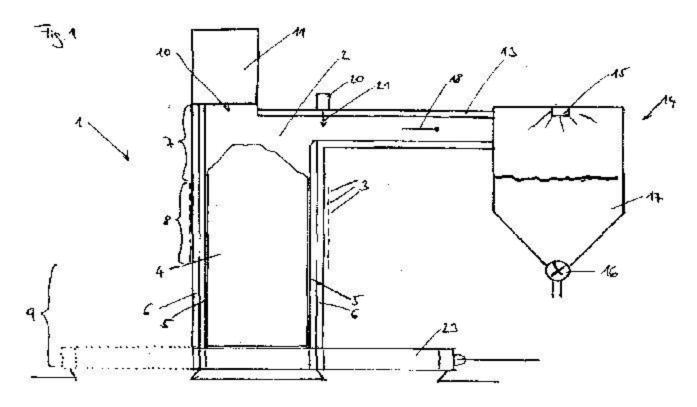
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND REACTOR FOR PROCESSING BULK MATERIAL CONTAINING LI

 (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 	:15/10/2010 :WO 2011/045431 :NA :NA	(71)Name of Applicant: 1)SGL CARBON SE Address of Applicant:RHEINGAUSTR. 182, 65203 WIESBADEN GERMANY Germany (72)Name of Inventor: 1)JAEGER, HUBERT 2)DAIMER, JOHANN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for recovering lithium from a starting material comprising lithium. According to the invention, the starting material is heated with carbon in a reactor by carrying out direct inductive heating of the carbon.



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

(21) Application No.3115/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: IRON-CHROMIUM BASED BRAZING FILLER METAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B23K 35/02 :PA 2009 70116 :18/09/2009 :Netherlands :PCT/EP2010/063689 :17/09/2010 :WO 2011/033056 :NA :NA	(71)Name of Applicant: 1)HOGANAS AB (PUBL) Address of Applicant:S-263 83 HOGANAS, SWEDEN Sweden (72)Name of Inventor: 1)PERSSON, ULRIKA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a brazing filler metal with excellent wetting behaviour on stainless steel base material. The brazing filler metal produces a brazed joint with high strength and good corrosion resistance. The brazing filler metal is suitable for brazing stainless steel and other materials where corrosion resistance and high strength is required. Typical examples of applications are heat exchangers and catalytic converters. The iron-chromium based brazing filler metal powder according to the invention comprises: between 11 and 35wt% Chromium, between 0 and 30wt% Nickel, between 2 and 20wt% Copper, between 2 and 10wt% Silicon, between 4 and 10wt% Phosphorous, between 0-10wt% Manganese, and at least 20 wt% iron and if Si is equal to or less than 6wt% then P should be above 8 wt% and if P is less or equal to 8wt% then Si should be above 6wt%.

No. of Pages: 14 No. of Claims: 15

(21) Application No.752/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COATING COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F41G :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Akzo Nobel Coatings International B.V. Address of Applicant: Velperweg 76, NL-6824 BM Arnhem, The Netherlands Netherlands (72)Name of Inventor: 1)WOULDHAVE, Matthew
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)KANATT, Bijoy 3)HESSELINK, Sebastiaan J.A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)DONKIN, Michael David

(57) Abstract:

A coating composition comprising: (i) a film forming resin comprising a) 60-90 weight% of one or more polyamine(s) containing secondary amine groups prepared by reacting one or more polyamine(s) comprising primary amine groups with an unsaturated dialkyl ester; and, b) 10-40 weight% of one or more aromatic ester(s) and/or one or more aliphatic ester(s), wherein weight % is based on the sum of the weight of (a) and (b) in the film forming resin excluding solvent, and (ii) a polyisocyanate resin used to cure the film forming resin (i), wherein the polyisocyanate resin has an isocyanate equivalent weight of between 280 g/eq to 840 g/eq and a number average molecular weight of 550-2000g/mol, wherein (i) and (ii) are present in the coating composition in an amount so that the stoichiometric ratio of isocyanate groups:secondary amine groups is 1.0:1.0to 2.5:1.0.

No. of Pages: 38 No. of Claims: 16

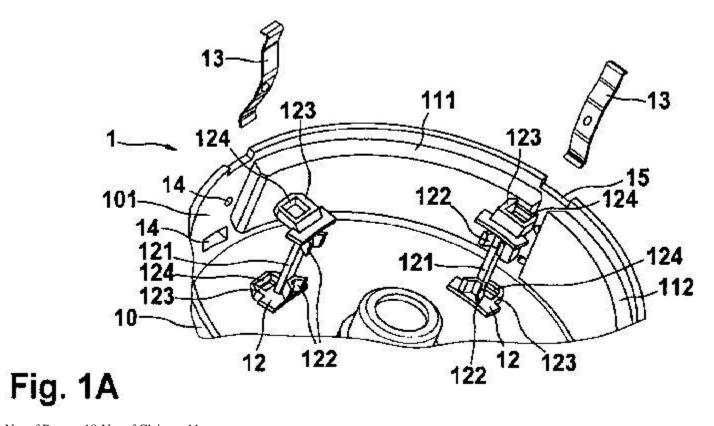
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: MAGNET CARRIER FOR A POLE 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 No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H02K 1/17 :10 2009 045 713.5 :15/10/2009 :Germany :PCT/EP2010/062159 :20/08/2010 :WO 2011/045111 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)BITZER, HAROLD
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present subject matter describes a magnet carrier (1) for a pole housing (10) for fastening magnets (111, 112) to a pole housing wall (101), where the magnet carrier (1) is disposed between at least two magnets. The magnet carrier (1) includes a positioning element (12, 22, 32, 42, 52); and a securing element (13, 23, 33, 43, 53). The positioning element (12, 22, 32, 42, 52) is disposed on the pole housing wall (101) and is formed to fix the at least two magnets (111, 112). The securing element (13) is disposed on a pole housing wall (102) opposite to the pole housing wall (101) with the positioning element (12) and is formed such that the securing element (13) is in engagement with the positioning element (12) in order to hold the positioning element (12) on the pole housing wall (101).



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

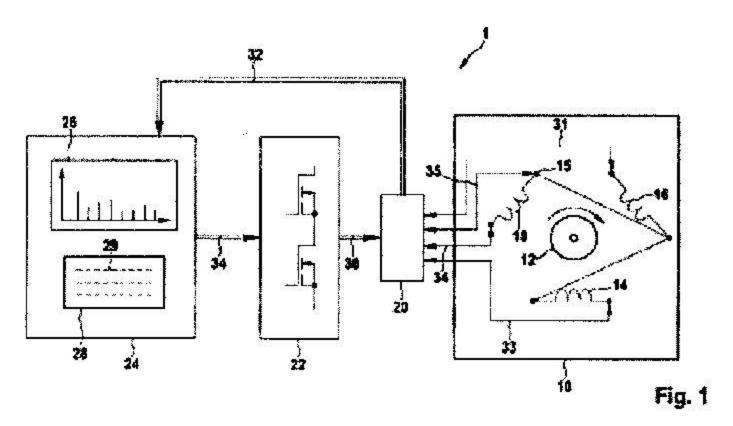
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : ELECTRONICALLY COMMUTATED ELECTRICAL MOTOR HAVING A CALIBRATED MOTOR TORQUE CONSTANT

 (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 	:08/10/2010 :WO 2011/047971 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)FRICKER, DAVID
Filing Date	:NA	

(57) Abstract:

The present subject matter describes an electrically commutated electrical motor (1) having a stator (10) and a permanent-magnetically designed rotor (12). The electronically commutated electrical motor (1) also has a control unit (24) that is connected to the stator (10) and configured to actuate the stator (10) for generating a magnetic rotary field. The control unit (24) is configured to detect a voltage induced in at least one stator coil (14, 16, 18) of the stator (10) and to determine a motor torque constant in dependence of a rotational speed signal representing a rotor rotational frequency of the rotor (12). The control unit (24) is configured to detect a frequency content of the motor torque constant and to actuate the stator (10) for generating a torque in dependence of the frequency content, in particular a frequency amplitude, of the motor torque constant.



No. of Pages: 20 No. of Claims: 13

(21) Application No.2929/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: CRYSTAL AND PHARMACEUTICAL PREPARATION CONTAINING THE SAME CRYSTAL

(51) International classification	:A61K31/4178,C07D409/06	(71)Name of Applicant:
(31) Priority Document No	:2012202514	1)POLA PHARMA INC.
(32) Priority Date	:14/09/2012	Address of Applicant :8- 9 -5, Nishigotanda, Shinagawa -ku
(33) Name of priority country	:Japan	,Tokyo 1410031 Japan
(86) International Application No	:PCT/JP2013/074775	2)NIHON NOHYAKU CO., LTD.
Filing Date	:06/09/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/042231	1)MASUDA, Takaaki;
(61) Patent of Addition to Applicatio	n _{.NIA}	2)GOTOH, Makoto;
Number	:NA	3)MIYATA, Yoshiyuki;
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

An object is to provide means for improving the solubility of luliconazole. Disclosed is a crystal consisting of luliconazole and short chain alcohol having a number of carbon atom or atoms of 1 to 4.

No. of Pages: 33 No. of Claims: 8

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: PHARMACEUTICALLY USEFUL HETEROCYCLE-SUBSTITUTED LACTAMS

(51) International classification	:C07D 401/00	(71)Name of Applicant :
(31) Priority Document No	:61/241,806	1)CYLENE PHARAMACEUTICALS, INC.
(32) Priority Date	:11/09/2009	Address of Applicant :5820 NANCY RIDGE DRIVE, SUITE
(33) Name of priority country	:U.S.A.	200, SAN DIEGO, CALIFORNIA 92121, UNITED STATES OF
(86) International Application No	:PCT/US2010/048441	AMRERICA U.S.A.
Filing Date	:10/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/031979	1)HADDACH, MUSTAPHA
(61) Patent of Addition to Application	:NA	2)RYCKMAN, DAVID
Number	:NA	3)RAFFAELE, NICHOLAS
Filing Date	:INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides compounds that inhibit CK2 and/or Pim kinases and compositions containing such compounds. These compounds and compositions are useful for treating proliferative disorders such as cancer, as well as other kinase-associated conditions including inflammation, pain, infections, and certain immunological disorders.

No. of Pages: 230 No. of Claims: 43

(21) Application No.751/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 18/09/2015

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

(51) International classification	:C12N1/21	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CRYSTAL CROP PROTECTION PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :GI/17, GT KARNAL ROAD,
(33) Name of priority country	:NA	INDUSTRIAL AREA, AZADPUR (NEAR AZADPUR METRO
(86) International Application No	:NA	STATION), DELHI 110033, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NAND KISHORE AGGARWAL
(61) Patent of Addition to Application Number	:NA	2)JAYANTA MAJUMDAR
Filing Date	:NA	3)SAURABH TRIPATHI
(62) Divisional to Application Number	:NA	4)LALIT SHARMA
Filing Date	:NA	5)RAM SINGH

(57) Abstract:

The present invention relates to a novel ,stable , synergistic & safe Insecticidal composition comprising effective amount of Z-2-[(l,l-dimethylethyl)imino]tetrahydro-3-(l-methylethyl)-5- phenyl-4H-l,3,5-thiadiazin-4-one(Buprofezin) & 0, S -dimethyl acetylphosphoramidothioate (Acephate) In a weight ratio of 1:20:10:40 & an adjuvant thereof. The combination of the present invention is present as wettable powder. This broad spectrum insecticidal composition plays a vital role in controlling piercing and sucking type of Insects/pests mainly like Whitefly in Vegetables, Crops like Brinjal and Cotton & Brown plant hopper [BPH] in paddy and is highly effective in low doses and is also environmental friendly. Furthermore, Timely application of the present Insecticidal composition gives quick, satisfactory control and kills all stages of piercing and sucking type of insects/pests & also effective in preventing re infestation for a longer period.

No. of Pages: 22 No. of Claims: 16

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR THE PRODUCTION OF OXAZOLIDINONE COMPOUNDS

:C08G18/00,C08G59/40 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)BAYER MATERIALSCIENCE AG :12192611.7 (32) Priority Date Address of Applicant :51368 Leverkusen Germany :14/11/2012 (33) Name of priority country (72) Name of Inventor: :EPO (86) International Application No 1)MLLER Thomas Ernst :PCT/EP2013/073468 Filing Date :11/11/2013 2)GRTLER Christoph (87) International Publication No :WO 2014/076024 3)BASU Susmit (61) Patent of Addition to Application 4)LEITNER Walter :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a method for the production of oxazolidinone compounds comprising the step of slowly reacting an isocyanate compound with an epoxide compound in the presence of a Lewis acid catalyst. The invention further relates to an oxazolidinone compound obtainable by a method according to the invention with a colour as determined according to ASTM D1209 05 (2011) of = 200 and a molar ratio of the oxazolidinone compound to isocyanurate by¬ product o/i of = 85/15. Lastly the invention relates to an oligomeric or polymeric oxazolidinone compound obtainable by a method according to the invention using an isocyanate compound with two or more NCO groups per molecule and an epoxide compound with two or more epoxy groups per molecule comprising at least two units derived from the isocyanate compound and at least two units derived from the epoxide compound with a colour as determined according to ASTM D1209 05 (2011) of = 200.

No. of Pages: 43 No. of Claims: 15

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : ENTERAL ADMINISTRATION OF ARGININE-GLUTAMINE DIPEPTIDE TO SUPPORT RETINAL, INTESTINAL, OR NERVOUS SYSTEM DEVELOPMENT

(51) International classification	:A61K 38/00	(71)Name of Applicant:
(31) Priority Document No	:12/578,922	1)MEAD JOHNSON NUTRITION COMPANY
(32) Priority Date	:14/10/2009	Address of Applicant :2400 W. LLOYD EXPRESSWAY,
(33) Name of priority country	:U.S.A.	EVANSVILLE, INDIANA 47721-0001, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/052585	2)UNIVERSITY OF FLORIDA RESEARCH
Filing Date	:14/10/2010	FOUNDATION, INC.
(87) International Publication No	:WO 2011/047107	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)JOSHUA C. ANTHONY
Number	:NA	2)KRISTIN MORRIS
Filing Date	.IVA	3)MARIA GRANT
(62) Divisional to Application Number	:NA	4)JOSEPH NEU
Filing Date	:NA	

(57) Abstract:

A novel method for supporting retinal, intestinal, and/or nervous system development in a neonate is provided. The method involves enterally administering arginine-glutamine dipeptide to a neonate.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : DOUBLE VERTICAL HANGING UNIT , IN THE FORM OF POUCHES, FOR HYDROPONIC PLANT CULTIVATION, PANEL OF DOUBLE VERTICAL HANGING UNITS, IN POUCH FORM, AND GREENHOUSE STRUCTURE

 (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 	:MX/a/2012/011572 :05/10/2012 :Mexico :PCT/MX2013/000123 :04/10/2013 :WO 2014/054936 :NA :NA	(71)Name of Applicant: 1)MARTINEZ RUANOVA ,Luis Hctor Alberto Address of Applicant: Calle Kinchil, #224, casa, 1, Colonia Colinas del Ajusco, CP. 14208, Delegaci³n Tlalpan, Distrito Federal Mexico (72)Name of Inventor: 1)MARTINEZ RUANOVA ,Luis Hctor Alberto
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a modular panel and structure of a double vertical hanging unit, in the form of geotextile felt pouches, for hydroponic plant or vegetable cultivation which comprises a vertical panel with a plurality of double vertical hanging units, in the form of geotextile felt pouches for hydroponic, cultivation a structure with a plastic cover and fixed zenithal ventilation for forming a greenhouse, and the system for the construction thereof. The object of the present invention is to provide a type of vertical panel and greenhouse that is totally different from those that currently exist on the market, by virtue of a novel simple internal structure, the main feature of which combines the advantages of various of the vertical panels and greenhouses that exist on the market but with a smaller number of components and with greater efficiency.

No. of Pages: 50 No. of Claims: 20

(21) Application No.2926/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International :F02B37/013,F02B37/00,H01M8/00

classification (31) Priority Document No :2012228916 (32) Priority Date :16/10/2012

(33) Name of priority country: Japan

(86) International Application: PCT/JP2013/005743

:26/09/2013

Filing Date

(87) International Publication :WO 2014/061208 No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyota-cho, Toyota-shi, Aichi 471-

8571 Japan

(72)Name of Inventor:

1)KITADA Takayoshi

(57) Abstract:

One embodiment of the present invention provides an internal combustion engine characterized by being equipped with a fuel cell, a low -pressure- stage turbocharger having a low- pressure - stage turbine and a low- pressure -stage compressor and a high -pressure stage turbocharger having a high- pressure- stage turbine and a high pressure stage compressor, and by being configured such that the air supplied to the fuel cell is extracted from the downstream side of the low- pressure -stage compressor, and the exhaust gas discharged from the fuel cell is supplied to the downstream side of the high- pressure- stage turbine and the upstream side of the low pressure stage turbine.

No. of Pages: 49 No. of Claims: 7

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PLATELET COUNT WITH CLUMP ADJUSTMENT

(51) International classification	:G01N15/12,G01N15/14,G01N15/10	(71)Name of Applicant: 1)BECKMAN COULTER INC.
(31) Priority Document No	:61/747655	Address of Applicant :250 South Kraemer Boulevard, Brea,
(32) Priority Date	:31/12/2012	California 92821 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)ZHANG, Shuliang;
(86) International Application No Filing Date	:PCT/US2013/078543 :31/12/2013	2)ROSSMAN, Mark; 3)LU, Jiuliu; 4)RILEY, John;
(87) International Publication No	:WO 2014/106270	
(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 present invention encompass automated systems and methods for analyzing platelet parameters in an individual based on a biological sample obtained from blood of the individual. Exemplary techniques involve correlating aspects of direct current (DC) impedance and/or light measurement data obtained from the biological sample with an evaluation of platelet conditions in the individual.

No. of Pages: 81 No. of Claims: 28

(21) Application No.3725/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: VEHICLE FOR LINE MARKING

(51) International classification: E01C23/22, A63C19/08, B62D1/16 (71) Name of Applicant:

(31) Priority Document No :2012904545 (32) Priority Date :17/10/2012

(33) Name of priority country: Australia

(86) International Application :PCT/AU2013/001203 No

:17/10/2013 Filing Date

(87) International Publication :WO 2014/059480

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)WATSON Diane Lee

Address of Applicant :24 Rownley Road Koo Wee Rup

Victoria 3981 Australia 2)LUCAS, Rex Cameron

(72)Name of Inventor:

1)LUCAS Rex Cameron 2) WATSON, Carl William

(57) Abstract:

A vehicle for line marking having a steering mechanism (10) including: a directional wheel (5) that pivots about a steering shaft (12) coupled to a steering actuator (13); a control actuator (21) responsive to a steering wheel (22); and a universal joint coupling the control actuator (21) and the steering actuator (13) at a fixed angle between 20° to 70° preferably 30° to 60°; the angle of the universal joint acting to produce a varying steering ratio as the steering wheel is moved away from its centred position. The vehicle includes a hydraulic pump circuit for a motor (101) driven line marking spray device (77) having a hydraulic supply line (105) for the motor with a check valve (107) and a high pressure accumulator (109) between the check valve and the motor and a pressure actuated ram (102) to deactivate the pump (100) when the pressure exceeds a threshold; the motor return line having a low pressure accumulator (110) and a restricted (112) bypass line (111).

No. of Pages: 38 No. of Claims: 27

(21) Application No.6139/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: ASSAY FOR JC VIRUS ANTIBODIES

(51) International classification (31) Priority Document No	:C12P :61/294,048	(71)Name of Applicant: 1)BIOGEN IDEC MA INC.
(32) Priority Date	:11/01/2010	Address of Applicant :14 Cambridge Center Cambridge MA
(33) Name of priority country	:U.S.A.	02142 U.S.A.
(86) International Application No	:PCT/US2011/020832	(72)Name of Inventor:
Filing Date	:11/01/2011	1)LEONID GORELIK
(87) International Publication No	: NA	2)KENNETH J. SIMON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MEENA SUBRAMANYAM 4)MIA MARIE RUSHE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure relates to methods and reagents for analyzing samples for the presence of JC virus antibodies. Disclosed is a method that includes obtaining a biological sample from a subject (e.g., plasma, serum, blood, urine, or cerebrospinal fluid), contacting the sample with highly purified viral-like particles (HPVLPs) under conditions suitable for binding of a JCV antibody in the sample to an HPVLP, and detecting the level of JCV antibody binding in the sample to HPVLP. In one embodiment, determining the level of anti-JCV antibodies in the subject sample provides a method of identifying PML risk in a subject.

No. of Pages: 47 No. of Claims: 40

(21) Application No.676/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: NETWORK AUTHENTICATION METHOD FOR SECURE USER INDENTITY VERIFICATION

(51) International classification	:H04L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KEYPASCO AB
(32) Priority Date	:NA	Address of Applicant :MAGASINSGATAN 24, SE-411, 18
(33) Name of priority country	:NA	GOTHENBURG, SWEDEN Sweden
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAW-TSONG LIN
(87) International Publication No	: NA	2)PER SKYGEBJERG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

In a network authentication method, a content-provider server (3) redirects a user terminal (2) to an identity verification server (4) for acquiring therefrom an encrypted web address signed with an asymmetrical private key and downloaded from a downloading unit (1). The user terminal (2) transmits hardware scan data associated therewith to the identity verification server (4) upon determining, based on the encrypted web address and an asymmetrical public key from the downloading unit (1), that the identity verification server (4) is currently valid to perform identity verification. The identity verification server (4) verifies the identity of the user terminal (2) based on relationship between the hardware scan data and pre-stored reference hardware scan data.

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

(21) Application No.3747/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015

(43) Publication Date: 18/09/2015

(54) Title of the invention: COMBINED TANGENTIAL SHEAR HOMOGENIZING AND FLASHING APPARATUS HAVING A UNIFORM ROTOR/STATOR GAP DIMENSION

(51) International classification :C12M1/33,C12M1/00,B01F7/00 (71)Name of Applicant:

(31) Priority Document No :61/724581 (32) Priority Date :09/11/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/068611

:06/11/2013

Filing Date (87) International Publication No:WO 2014/074530

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

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) GALLAGHER F. Glenn

(57) Abstract:

A combined tangential shear homogenizing and flashing apparatus for destructuring pretreated biomass comprises a housing connectable to a source of pressurized pretreated biomass and a stator and a rotor mounted within the housing. The stator and rotor being confrontationally disposed and spaced apart by a predetermined uniformly dimensioned axial gap. In use rotational movement of the rotor with respect to the stator imparts a tangential shear to a volume of pretreated biomass. The tangential shear homogenizes the volume of pretreated biomass while a pressure difference causes a partial phase separation of the homogenized biomass into vapor and liquid phases such that the pretreated biomass undergoes at least a three fold total volumetric increase and a weight transition to a vapor of at least one percent (1%).

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

(21) Application No.3748/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLEXIBLE IMPLEMENTATION OF SERIAL BUS SUPPORT OVER DISPLAY INTERFACE

(51) International classification :G06F13/38,G06F13/42,H04L29/06

(31) Priority Document No :13/671044 (32) Priority Date :07/11/2012

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

(86) International Application :PCT/IB2013/003066

No :06/11/2013

Filing Date .00/11/20

(87) International Publication :WO 2014/072826

No

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
Siling Date
:NA

Filing Date

(71)Name of Applicant:

1)ATI TECHNOLOGIES ULC

Address of Applicant :One Commerce Valley Drive East

Markham ON L3T 7N6 Canada

(72)Name of Inventor:

1)HUSSAIN Syed Athar

(57) Abstract:

Systems and methods are used to configure a communication channel. A source device can dynamically map Display Port lanes to support both display devices and USB3.0 devices. A method for configuring a communication channel includes detecting a device connection event indicating a change to a configuration of the communication channel in response to a branch device of the communication channel satisfying a dynamic configuration capability criteria indicating that the communication channel is reconfigurable. Configuration parameters of a sink device in the communication channel are identified. The communication channel is reconfigured to carry a source data stream to the sink device based on the configuration parameters.

No. of Pages: 34 No. of Claims: 21

(21) Application No.3749/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PURGING UNWANTED SUBSTANCES FROM AIR

(51) International :B01D53/46,H05H1/00,C01B13/11 classification

(31) Priority Document No :61/709773 (32) Priority Date :04/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/063542

:04/10/2013

Filing Date :WO 2014/055922

(87) International Publication

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)FIPAK RESEARCH AND DEVELOPMENT COMPANY

Address of Applicant :388 Newburyport Turnpike Rowley

MA 01969 U.S.A.

(72) Name of Inventor:

1)HAUVILLE François 2)HERRY Cedric

(57) Abstract:

Apparatus comprising: a fumehood; and an air treatment device for purging unwanted substances from the exhaust air of the fumehood the air treatment device comprising: a non thermal plasma reactor stage for producing air byproducts comprising $O \cdots$ and 0 and introducing those air byproducts into the exhaust air of the fumehood so as to treat the exhaust air of the fumehood; and a catalyst stage downstream of the non-thermal plasma reactor stage for further treating the air downstream of the non-thermal plasma reactor stage.

No. of Pages: 61 No. of Claims: 34

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: STABLE FAT-SOLUBLE ACTIVE PRINCIPLES PARTICLES

 (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) Principles of Application Number 	:A61K 9/50 :09/58779 :09/12/2009 :France :PCT/FR2010/052656 :09/12/2010 :WO 2011/070300 :NA :NA	(71)Name of Applicant: 1)ADISSEO FRANCE S.A.S. Address of Applicant:IMMEUBLE ANTONY PARC II 10, PLACE DU GENERAL DE GAULLE 92160 AUTONY FRANCE France (72)Name of Inventor: 1)DOLLAT JEAN-MARIE 2)DAFFIS BERNARD
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a method for producing fat-soluble active principles, in particular pharmaceutical and/or dietary fat-soluble active principles, in the form of particles. The invention is characterized in that said method comprises the following steps: a) preparation of an oil-in-water emulsion comprising, in weight per cent relative to the total weight of said emulsion: between 8 and 20%, preferably between 10 and 15%, of at least one protein, between 5 and 15%, preferably between 8 and 12%, of at least one sugar, between 0.5 and 3%, preferably between 2 and 3%, of at least one inorganic salt, between 10 and 22%, preferably between 15 and 20%, of at least one fat-soluble active principle in oily form and/or dissolved in an edible oil, and qs for % of water; b) formation of essentially spherical particles by the dispersion of the oil-in-water emulsion obtained at the end of step a) in a fluid; c) addition of at least one protein cross-linking agent to the dispersion obtained at the end of step b); and d) recovery of the active principles in the essentially spherical form.

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

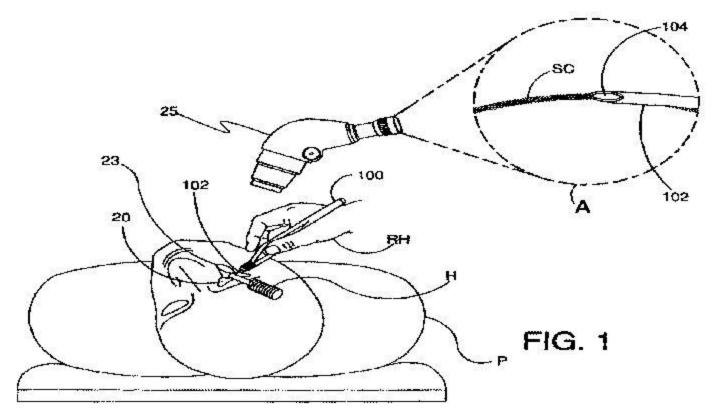
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: OCULAR IMPLANT SYSTEM AND 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 	:25/10/2010 :WO 2011/050360 :NA :NA :NA	(71)Name of Applicant: 1)IVANTIS, INC. Address of Applicant: 38 DISCOVERY, SUITE 150, IRVINE, CA 92618 (US). U.S.A. (72)Name of Inventor: 1)WARDLE, JOHN. 2)SCHIEBER, ANDREW, T. 3)GALT, KENNETH, M. 4)NA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An ocular implant and delivery system having a channel tool adapted to extend through at least a portion of Schlemms canal of a human eye and to determine whether the Schlemms canal portion provides a suitable location for the delivery of an ocular implant; an ocular implant adapted to be disposed within Schlemms canal of a human eye; and a cannula comprising a distal opening adapted to deliver the channel tool and the ocular implant into Schlemms canal of the eye. The invention also provides a method of treating glaucoma in a human eye including the steps of inserting a distal exit port of a cannula at least partially into Schlemms canal of the eye; delivering a channel tool through the cannula into Schlemms canal; delivering an ocular implant through the cannula into Schlemms canal; and removing the channel tool and the cannula from the eye while leaving the ocular implant in place within Schlemms canal.



No. of Pages: 50 No. of Claims: 25

(21) Application No.3736/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: EXTRACTABLE ELECTRODES FOR AUTOMATIC EXTERNAL CARDIAC DEFIBRILLATOR

(51) International :A61N1/362,A61N1/39,A61N1/375 classification

(31) Priority Document No :2012/0819 (32) Priority Date :04/12/2012 (33) Name of priority country: Belgium

(86) International Application :PCT/EP2013/074801

:27/11/2013 Filing Date

(87) International Publication

:WO 2014/086626

(61) Patent of Addition to :NA **Application Number**

(62) Divisional to Application :NA Number :NA Filing Date

:NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)ESM (EUROPEAN SAFETY MAINTENANCE) Address of Applicant :Rue de la Providence 114 B 6030

Marchienne au Pont Belgium (72) Name of Inventor:

1)UBAGHS Marc 2) COYETTE Roland 3)BODSON Lucien

Device for cardiac defibrillation comprising a rigid or semi rigid housing suitable for receiving a compression force coming from a user a pair of adhesive electrodes extractable from the housing at a variable distance enabling a separation to be obtained between the electrodes (3) of between approximately 30 cm and approximately 45 cm the distance between the electrodes (3) being kept constant by locking means.

No. of Pages: 16 No. of Claims: 12

(21) Application No.662/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : LINEAR CAVITY RECEIVER FOR LINEAR FRESNE REFLECTOR SOLAR ENERGY COLLECTOR SYSTEM

(51) International classification (31) Priority Document No	:H01J :NA	(71)Name of Applicant: 1)KGDS RENEWABLE ENERGY PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :3E-34, 'D' BUNGALOW PLOT NIT
(33) Name of priority country	:NA	FARIDABAD, 121001, HARYANA Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. C SURESH KUMAR
(87) International Publication No	: NA	2)SHINU M VARGHESE
(61) Patent of Addition to Application Number	:NA	3)M. PRATAP
Filing Date	:NA	4)J SEMEON
(62) Divisional to Application Number	:NA	5)RATHNAKUMAR A.
Filing Date	:NA	

(57) Abstract:

The present invention relates to a direct saturated and superheated steam generating linear fresnel reflector solar energy boiler system with one or more secondary reflectors and one or more single absorber tubes for generating useful heat in the form of saturated or/and superheated steam by concentrating sunlight on to a single row of one or more evacuated receiver tube collectors housed along with the one or more secondary reflectors inside a receiver support structure.

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

(21) Application No.677/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : NETWORK AUTHENTICATION METHOD FOR SECURE USER IDENTITY VERIFICATION USING USER POSITIONING INFORMATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L :NA :NA :NA	(71)Name of Applicant: 1)KEYPASCO AB Address of Applicant: MAGASINSGATAN 24, SE-411 18 GOTHENBURG, SWEDEN Sweden
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PER SKYGEBJERG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a network authentication method, upon receipt of correct user login data from a user terminal (1), a content-provider server (2) transmits a verification request to a verification server (3) via a communication network (100). After receiving hardware identification data and positioning information, which are associated with the user terminal (1) and a portable personal electronic device (4) carried by a user (5), the verification server (3) transmits a verification reply indicating successful authentication of the identity of the user (5) when the hardware identification data is successfully verified while the positioning information indicates that the portable personal electronic device (4) is in close proximity to the user terminal (1).

No. of Pages: 41 No. of Claims: 14

(21) Application No.708/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : ORGANIC THIN FILM TRANSISTOR MERGED WITH A LIGHT EMITTING DIODE USING AN ACCUMULATION LAYER AS ELECTRODE

(51) International classification	:H01L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :Kanpur, Uttar Pradesh, 208016 India
(33) Name of priority country	:NA	Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Baquer MAZHARI
(87) International Publication No	: NA	2)Ankita GANGWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel light-emitting device includes an organic thin-film structure that is merged with an organic light-emitting diode structure by utilizing a part of the electron accumulation layer in the organic thin-film transistor as a common electrode for each structure. The organic thin-film structure and the organic light-emitting diode structure each include an organic semiconductor that comprises a material in which hole mobility is greater in a bulk region of the material than electron mobility in the bulk region. The advantages of such a light-emitting device include less complex processing and a simpler pixel circuit structure in comparison to separately fabricating OTFT and OLED structures and subsequently interconnecting them to form a pixel. Furthermore, relative to a light-emitting transistor, some embodiments offer the advantage of a broader light emission area more suitable for use in display devices.

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

(21) Application No.3744/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEM INCLUDING A COMBINED TANGENTIAL SHEAR HOMOGENIZING AND FLASHING APPARATUS HAVING SINGLE OR DUAL EFFLUENT OUTLET(S) AND METHOD FOR FLASH TREATING BIOMASS UTILIZING THE SAME

:C12M1/33,B01F7/00,C08H8/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/724581 (32) Priority Date :09/11/2012

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

(86) International Application No:PCT/US2013/068612 Filing Date :06/11/2013

(87) International Publication No: WO 2014/074531

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington DE

19898 U.S.A.

(72) Name of Inventor: 1) GALLAGHER F. Glenn

(57) Abstract:

A system for destructuring pretreated biomass includes a pretreating device for producing a pressurized mass of material having a predetermined elevated temperature a process utility disposed downstream of the pretreating device; and a combined tangential shear homogenizing and flashing apparatus connected intermediate the pretreating device and the process utility. The combined tangential shear homogenizing and flashing apparatus imparts a tangential shear to a volume of pretreated biomass while a pressure difference causes a partial phase separation of the homogenized biomass into vapor and liquid phases. A conduit for providing uninterrupted fluid communication between the outlet of the housing and the process utility for conducting the vapor and liquid phases directly into the process utility.

No. of Pages: 33 No. of Claims: 15

(22) Date of filing of Application :01/05/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention : PULSATING DEVICE WITH TWO PRESET PRESSURE RESPONDING NORMALLY CLOSED VALVES

 (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 	:B05B1/08 :61/722108 :02/11/2012 :U.S.A. :PCT/IB2013/059890 :04/11/2013 :WO 2014/068536	(71)Name of Applicant: 1)PULSATING IRRIGATION PRODUCTS INC. Address of Applicant: 43391 Business Park Drive Suite C 7 Temecula California 92590 U.S.A. (72)Name of Inventor: 1)RUTTENBERG Gideon
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A pulsating device with two preset pressure responding normally closed valves is disclosed. The first valve is used for accumulating fluid. The second valve is used for creating resistance so as to force the first valve to open widely. The second valve may be configured so it creates little to no resistance once opened. In some embodiments the pulsating device converts a low controlled and/or continuous flow of fluid such as water and/or air to a high pulsating and/or intermittent flow. A pulsating device may operate for example one or more drip lines pop ups sprinklers misters and/or other irrigation devices.

No. of Pages: 30 No. of Claims: 19

(21) Application No.3746/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/05/2015 (43) Publication Date: 18/09/2015

(54) Title of the invention: COMBINED TANGENTIAL SHEAR HOMOGENIZING AND FLASHING APPARATUS HAVING A NON UNIFORM ROTOR/STATOR GAP DIMENSION AND A PARAMETER RESPONSIVE TO A VARIABLE ROTOR/STATOR GAP DIMENSION

(51) International classification :C12M1/33,B01F7/00,C08H8/00 (71)Name of Applicant :

(31) Priority Document No :61/724581 (32) Priority Date :09/11/2012 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2013/068614 Filing Date :06/11/2013

(87) International Publication No: WO 2014/074533

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington DE

19898 U.S.A.

(72) Name of Inventor: 1) GALLAGHER F. Glenn

(57) Abstract:

A combined tangential shear homogenizing and flashing apparatus for destructuring pretreated biomass comprises a housing connectable to a source of pressurized pretreated biomass and a stator and a rotor mounted within the housing. The stator and rotor being confrontafionally disposed and spaced apart by a non uniformly dimensioned axial gap. The least axial dimension between the rotor and the stator defining a restriction to a biomass flow. In use rotational movement of the rotor with respect to the stator imparts a tangential shear to a volume of pretreated biomass. The tangential shear homogenizes the volume of pretreated biomass while a pressure difference causes a partial phase separation of the homogenized biomass into vapor and liquid phases such that the pretreated biomass undergoes at least a three fold total volumetric increase and a weight transition to a vapor of at least one percent (1%).

No. of Pages: 31 No. of Claims: 15

(21) Application No.2969/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015 (43) Publication Date : 18/09/2015

(54) Title of the invention: EXTRUSION BLOW MOLDED BOTTLES

(51) International classification :C08L23/14,C08L23/08,C08L23/10

(31) Priority Document No :12196784.8

(32) Priority Date :12/12/2012
(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/076117

No :10/12/2013

Filing Date

(87) International Publication :WO 2014/090818

(61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)BOREALIS AG

Address of Applicant :IZD Tower, Wagramer Strae 17-19, A -

1220 Vienna Austria (72)**Name of Inventor :**

1)BERNREITNER, Klaus;

2)KLIMKE, Katja

(57) Abstract:

Extrusion blow molded bottle comprising a propylene copolymer having a melt flow rate MFR ($230\,^{\circ}$ C) of 2.0 to 6.0 g/10min, a xylene cold soluble content of 20.0 to 40.0 wt.- %, and a comonomer content of more than 4.5 to 12.0 wt.- %, wherein the comonomer content of xylene cold soluble fraction of the extrusion blow molded article is of 16.0 to 28.0 wt.- %.

No. of Pages: 66 No. of Claims: 18

(21) Application No.3153/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention : PLANT EXTRACT, COMPOSITIONS CONTAINING SAME, METHOD OF EXTRACTION AND USES 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 	:A61K 36/605 :200910307065.X :16/09/2009 :China :PCT/CN2010/076988 :16/09/2010 :WO 2011/032502 :NA :NA	(71)Name of Applicant: 1)BOTANIC CENTURY (BEIJING) CO. LTD. Address of Applicant: 208, TOWER A, INNOVATION CENTER, NO. 29 LIFE SCIENCE PARK ROAD, CHANGPING DISTRICT, BEIJING 102206, CHINA China (72)Name of Inventor: 1)CHEN XIE 2)YINGSHU ZOU
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) A1		

(57) Abstract:

The present invention relates to a plant extract obtained from the plant leaves of Mulberry. It is extracted from Morus plant leaves, and has an IC 50 value, to inhibit a-glucosidase I, at a concentration of less than 90 μ g/ml. The extract preferably comprises 5-40% (w/w) total imino sugars and 20-70% (w/w) total amino acids. The extract is obtained by a three step extraction and purification process and may be used to reduce the production of melanin for the treatment of such ailments or disease caused by pigmentation as freckle, chloasma, striae of pregnancy, senile plaque and melanoma. It can also be used to control blood glucose level.

No. of Pages: 51 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: MONOCLONAL ANTIBODIES

Filing Date :30/09/	8,014 /2009 CALIFORNIA Address of Applicant :1111 FRANKLIN STREET, 5TH US2010/050873 FLOOR, OAKLAND, CALIFORNIA 94607-5200, UNITED
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(21) Application No.3154/DELNP/2012 A

(57) Abstract:

The present invention provides an isolated antibody that binds a fibrin or fibrinogen γC domain. In various aspects, the antibody inhibits microglial adhesion to the fibrin or fibrinogen γC domain, inhibits Mac-1 binding to the fibrin or fibrinogen γC domain, and/or suppresses clinical symptoms of Experimental Autoimmune Encephalomyelitis (EAE). Various methods of using the antibodies, pharmaceutical compositions, kits, vectors, cells comprising the vectors, and antibody generating methods are provided.

No. of Pages: 56 No. of Claims: 29

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: GAS INSULATED MEDIUM VOLTAGE SWITCHGEAR

(51) International classification	:H01H 31/00	(71)Name of Applicant:
(31) Priority Document No	:09012902.4	1)ABB TECHNOLOGY AG
(32) Priority Date	:13/10/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EUROPEAN	ZURICH, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006260	1)HARTMUT MILDES
Filing Date	:13/10/2010	2)OLAF FUSSBAHN
(87) International Publication No	:WO 2011/045043	3)NORBERT WUILLEMET
(61) Patent of Addition to Application	:NA	4)STEFAN GOTTLICH
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a gas insulated medium voltage switchgear with a 3 position disconnector device for 3 electric phases on one common rotatable driveshaft. In order to realize a common construction, the three position disconnector device for three phases is arranged in one common functional unit, which has a base plate and a frame, and which can be mounted in a switchgear housing, in that way, that the baseplate and/or the frame is after the mounting a part of a gastight housing of the switchgear.

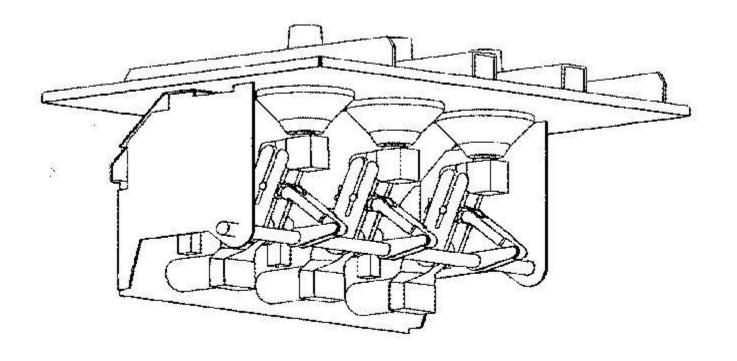


Figure 1

No. of Pages: 9 No. of Claims: 7

(21) Application No.3156/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: DETECTION OF PLURALITY OF TARGETS IN BIOLOGICAL SAMPLES

(62) Divisional to Application Number :NA Filing Date :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 	:21/10/2010 :WO 2011/048184 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ANUP SOOD 2)JOHN RICHARD NELSON 3)MICHAEL GERDES
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(57) Abstract:

Methods for detecting a plurality of targets in a biological sample are provided. The method comprises contacting the biological sample with a plurality of target-binding probes to form a plurality of target-bound probes, covalently attaching at least one of the target-bound probes, to the biological sample, and observing the signals from the target-bound probes sequentially. An associated kit and device for detection of the plurality of targets are also provided.

No. of Pages: 66 No. of Claims: 40

(21) Application No.1195/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SOLID ORAL COMPOSITIONS OF SORAFENIB

(51) International classification	· A 61 K 31/00	(71)Name of Applicant:
		1 ' '
(31) Priority Document No	:NA	1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:NA	SANATH NAGAR, HYDERABAD - 500 082 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PARTHASARADHI REDDY, BANDI
Filing Date	:NA	2)KHADGAPATHI, PODILI
(62) Divisional to Application Number	:NA	3)SOUMIK, GHOSH
Filing Date	:NA	

(57) Abstract:

The present invention relates to pharaiaceutical compositions comprising Sorafenib and one or more pharmaceutically acceptable excipients. More particularly, the present invention relates to tablet compositions comprising Sorafenib tosylate.

No. of Pages: 13 No. of Claims: 10

(21) Application No.1260/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: REAR STRUCTURE FOR A SADDLE TYPE VEHICLE

(71) Y	D (0.01/0.0	
(51) International classification	:B60Q1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 00 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJAMANI RAVISANKAR
(61) Patent of Addition to Application Number	:NA	2)KESHAVA PRASAD KESHAVA DATT
Filing Date	:NA	3)KURMAM SHANMUKHA PRADEEP
(62) Divisional to Application Number	:NA	4)NITHIN MADHAV
Filing Date	:NA	5)YOGESH CHANDRAKANT KOTNIS

(57) Abstract:

The present subject matter discloses a rear structure (100) for a saddle type vehicle comprising a rear cover (85), a right side cover subassembly (45) and a left side cover subassembly (46). The rear structure also includes a non-unitary tail lamp unit comprising a tail lamp (99), a left rear indication lamp (55) and a right rear indication lamp (75). The rear structure is assembled as a single individual unit on the vehicle frame and is connected to it through at least two frame mounting brackets (60, 80). [Abstract to be published with FIG. 7]

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

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: WIRING HARNESS SUPPORT STRUCTURE FOR A SADDLE TYPE VEHICLE

(51) International classification	:B60Q1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YOGESH CHANDRAKANT KOTNIS
(61) Patent of Addition to Application Number	:NA	2)RAJAMANI RAVISANKAR
Filing Date	:NA	3)KURMAN SHANMUKHA PRADEEP
(62) Divisional to Application Number	:NA	4)NITHIN MADHAV
Filing Date	:NA	5)V. GANESH

(57) Abstract:

The present subject matter discloses a side cover subassembly 45 comprising at least one side cover 70 and at least one rear indication lamp 75 connected to the at least one side cover 70. The side cover 70 further comprises of a positioning means 206 fixedly connected to and integrally formed with the side cover 70 and a flexible clamping means 207 for receiving and supporting a wiring harness 210. The wiring harness thus is assembled with the side cover subassembly and hence is not dependent on any frame member. [Abstract to be published with FIG. 4]

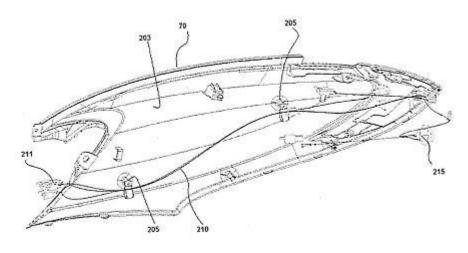


FIG. 4

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

(21) Application No.1327/CHE/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention : POTASSIUM CARBONATE BASED ELECTROLYTE FOR ELECTRO-NANOFABRICATION OF TIO2NANOTUBE ARRAY ELECTRODE

	11013/14/00	
(51) International classification	:H01M14/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)C. CLEMENT RAJ
(32) Priority Date	:NA	Address of Applicant :CENTRE FOR GREEN ENERGY
(33) Name of priority country	:NA	TECHNOLOGY PONDIHCERRY UNIVERSITY KALAPET,
(86) International Application No	:NA	PUDUCHERRY - 605 014 Pondicherry India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C. CLEMENT RAJ
(61) Patent of Addition to Application Number	:NA	2)R. PRASANTH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

High surface area electrodes and thin films has very technological applications in good number of devices such as Dye sensitized solar cells, fuel cells, storage devices etc for increasing the efficiency and reducing cost. Thin films made up of closely packed nanotubes can provide very high surface area and hence better performance in device structures and implant materials. However, for obtaining an optimum surface area great control over the transverse direction of growth needs to be achieved. With such control over the growth can produce well defined tube radius, wall width and tube separation. In the electro-nano farication technique the control can be achieved by controlling the electrochemical conditions such as voltage, electrolyte composition, temperature etc. Among this electrolyte composition is extremely critical in achieving good control in the transverse direction of growth to obtain well defined tube parameters such as tube radius and wall thickness. The new electrolyte we invented can tune the tube radius over a wide range of tube diameters with different composition and voltage in a well defined fashion.

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

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR GENERATING MINIMIZED TEST SUITE

(51) International classification	:G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RUPA SRAVANI KOMMINENI
(61) Patent of Addition to Application Number	:NA	2)ANJANEYULU PASALA
Filing Date	:NA	3)VAIBHAV AHLAWAT
(62) Divisional to Application Number	:NA	4)LUIS IGNACIO MORENO ARACENA
Filing Date	:NA	5)SATYA PRATEEK B.

(57) Abstract:

The technique relates to a system and method for generating minimized test suite using a genetic algorithm. The method involves generating a plurality of test cases corresponding to a plurality of test paths associated with an activity diagram of a software requirement specification thereafter obtaining a plurality of test coverage criteria for test suite minimization and finally determining a subset of the plurality of test cases which satisfies the plurality of test coverage criteria by using a multi objective optimization technique. The method also involves prioritizing the subset of the plurality of test cases based on node defect probability wherein the node defect probability is determined by using a bug prediction technique based on previous bug history of the node thereafter the priorities are dynamically re-ordered during test execution. REF FIG: 1

No. of Pages: 29 No. of Claims: 15

(21) Application No.1331/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS FOR DYNAMIC DESTRUCTION OF DATA IN A REMOTE DATA STORAGE PLATFOR AND DEVICES THEREOF

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)INFOSYS LIMITED
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRAVAN R
(61) Patent of Addition to Application Number	:NA	2)MITHUN PAUL
Filing Date	:NA	3)DR. ASHUTOSH SAXENA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The technique relates to a method and apparatus for dynamic destruction of data in a remote data storage platform. This involves receiving a first set of data records with random values and then updating the random values associated with the subsets of the first set of data records into actual values through one or more update operations. After sequential steps of updation, a second set of data records with actual values are obtained. After working of this data for a period of time the owner of the data again begins updating the actual values associated with the subset of the second set of data records into random values. When all the data records are updated to random values the owner of the data successfully ends the Service Level Agreement period. REF FIG: 1

No. of Pages: 17 No. of Claims: 14

(21) Application No.1332/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS FOR DEFENDING STATIC AND DYNAMIC REVERSE ENGINEERING OF SOFTWARE LICENSE CONTROL AND DEVICES THEREOF

(51) Intermetional algorification	·C06E31/00	(71) Nama of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. ASHUTOSH SAXENA
(61) Patent of Addition to Application Number	:NA	2)RAVI SANKAR VEERUBHOTLA
Filing Date	:NA	3)HARIGOPAL K.B. PONNAPALLI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The technique relates to a method for defending static and dynamic reverse engineering of software license control and devices thereof. To defend static reverse engineering of software license control the licensed application is wrapped with encryption wrapper, wherein the encryption wrapper encrypts the application with a first password. Then, at the time of executing the application, a password prompt is generated. Upon receiving the first password the application is decrypted. At the time of closing the application after execution, another password prompt is generated to create the second password and then the application is re-encrypted with the second password. To defend dynamic reverse engineering of software license control one or more licensing conditions of the licensed application is tested based on control file information, a random number generation or verification point rules. If any license condition violation is detected during testing then the application gets auto-locked by applying self-encryption technique. REF FIG: 1

No. of Pages: 26 No. of Claims: 22

(22) Date of filing of Application :28/03/2013

(43) Publication Date: 18/09/2015

(54) Title of the invention : A METHOD OF DYNAMICALLY VARYING DELIVERY PRESSURE OF AN AQUEOUS SOLUTION IN SCR SYSTEM

(51) International classification	:G01F1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KOROMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VARADHARAJAN R
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT: A method of dosing an aqueous solution with a desired pressure into an exhaust gas stream of an internal combustion engine, the method comprising: injecting a spray of an aqueous solution into the exhaust gas stream using a metering pump (M) and a dispenser (70); said method characterized in that determining an exhaust gas stream velocity; determining an exhaust gas flow rate; determining a surface temperature of an exhaust conduit; and controlling the metering pump (M) for dynamically varying the desired pressure (P) of the aqueous solution in dependence of said exhaust gas stream velocity, said exhaust gas flow rate and said surface temperature of an exhaust conduit. Figure 3.

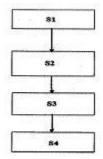


Figure 3

No. of Pages: 13 No. of Claims: 6

(22) Date of filing of Application :18/07/2012 (43) Publication Date : 18/09/2015

(54) Title of the invention: Automating GUI testing using checksum method on the graphics frame buffer

(74)	G0 477	
(51) International classification	:G06K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Elxsi Limited
(32) Priority Date	:NA	Address of Applicant :Tata Elxsi Limited ITPB Road
(33) Name of priority country	:NA	Whitefield Bangalore - 560048. Karnataka. India India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Harwinder Jutla
(87) 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:

Automating GUI testing is a challenging task. Complexity of GUI testing increases when multiple languages are supported by the device. The most common method of automating GUI testing today is a combination of graphics image capture & comparison and a level of OCR. Reliability of such methods can lead to false results. The method discussed here eliminates these inaccuracies and thereby potentially reducing cost and increasing reliability & robustness of the testing methods. This method provides substantial flexibility whereby only areas of interest on the screen can be tested. This method is only suitable for a static image which is the case for majority of GUIs. This method describes how a CRC value of the graphics image under test can be used instead of image comparisons for automating GUI testing as well as increasing the coverage of automated testing by a resident test software module within the device under test.

No. of Pages: 5 No. of Claims: 6

(21) Application No.1216/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A LOW PRESSURE MODULE OF A STEAM TURBINE CAPABLE OF BEING USED ALONG WITH WATER COOLED CONDENSER AND AIR COOLED CONDENSER WITH HIGH EFFICIENCY

 (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 	:F01K9/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)TRIVENI TURBINE LIMITED Address of Applicant:12A, PEENYA INDUSTRIAL AREA, BANGALORE - 560 058 Karnataka India (72)Name of Inventor: 1)SREEKUMAR P 2)RUKALA RAGHAVENDRA SETTY
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT: A low pressure module of a steam turbine capable of being used along with water cooled condenser and air cooled condenser with high efficiency is disclosed as shown in figure 8, wherein the cost and time involved in the development of low pressure module seperately for water cooled condenser and air cooled condenser applications is reduced by providing a low pressure module with three stages for water cooled condenser applications and using the same low pressure module by removing the third stage (i.e., with two stages) for air cooled condenser applications. As a result, a low pressure module which can be used both with water cooled condenser and air cooled condenser without compromising much on efficiency is obtained.

No. of Pages: 58 No. of Claims: 13

(22) Date of filing of Application :20/01/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PLANNING ORIGIN-DESTINATION FLOW BY OPTIMALLY USING GPS

(51) International classification	:G01S19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Centre for Development of Advanced Computing
(32) Priority Date	:NA	Address of Applicant :Jawaharlal Nehru Technological
(33) Name of priority country	:NA	University (JNTU) Campus, Kukatpally, Hyderabad 500085,
(86) International Application No	:NA	Andhra Praesh, India. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAINI, Tapas
(61) Patent of Addition to Application Number	:NA	2)SRIKANTH, S. V
Filing Date	:NA	3)SINHA, Amritanshu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Global Positioning System (GPS) based Origin Destination (OD) estimation system involves redundant data retrieved from the GPS satellite at relatively short intervals that render the system inefficient due to undesired querying of the GPS leading to excessive use of battery power and network bandwidth. To effectively utilize the GPS resources, the system optimizes access to GPS satellite by enabling selective activation of the GPS receiver at pre-defined intervals based on at least one pre-defined parameter associated with the user and corresponding at least one pre-defined threshold condition.

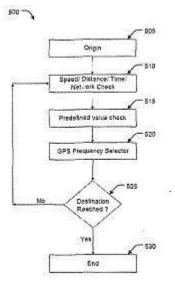


Fig. 5

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

(21) Application No.4563/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: REVERSE OSMOSIS TREATMENT DEVICE AND METHOD FOR CLEANING REVERSE OSMOSIS TREATMENT DEVICE

(51) International :B01D61/08,B01D61/10,B01D61/58

:NA

classification (31) Priority Document No

:2011277237 :19/12/2011

(32) Priority Date (33) Name of priority country: Japan

(86) International

:PCT/JP2012/081700 Application No :06/12/2012

Filing Date

(87) International Publication :WO 2013/094428

(61) Patent of Addition to :NA **Application Number**

Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)HITACHI LTD.

Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku

Tokyo 1008280 Japan (72)Name of Inventor:

1)KITAMURA Kotaro 2)YOSHIKAWA Shinichi

3)MIYAKAWA Hiroki

(57) Abstract:

A reverse osmosis treatment device (10) is equipped with: a first pressure vessel (80) for treating water to be treated and creating a primary effluent and first permeated water; a second pressure vessel (82) for treating the primary effluent and creating a secondary effluent and second permeated water; a first cleaning liquid storage tank (110) for storing a first cleaning liquid for cleaning the first pressure vessel; and a second cleaning liquid storage tank (112) for storing a second cleaning liquid for cleaning the second pressure vessel. Therein the first and second pressure vessels each have one reverse osmosis membrane element (22) equipped with a reverse osmosis membrane and positioned therein the vessels or a plurality of reverse osmosis membrane elements (22) connected in series via a water collecting pipe through which permeated water flows. Furthermore the first cleaning liquid storage tank is connected to a first concentrated water discharge pipe (62) of the first pressure vessel and the second cleaning liquid storage tank is connected to a primary effluent introduction pipe (68) of the second pressure vessel.

No. of Pages: 51 No. of Claims: 11

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : CELL RESELECTION BASED ON MULTIMEDIA BROADCAST MULTICAST SERVICE (MBMS) METRICS

 (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 	:H04W48/20 :61/586004 :12/01/2012 :U.S.A. :PCT/US2013/021152 :11/01/2013 :WO 2013/106654 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)AMERGA Daniel 2)LEE Kuo Chun 3)MAHESHWARI Shailesh 4)NAGARAJ Thadi Manjunath 5)NARAYANAN Rajesh 6)SHAUH Jack S.
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(57) Abstract:

A method for cell reselection by a wireless communication device is described. The method includes camping on a serving cell in idle mode. A neighbor cell is detected. A serving cell rank is computed for the serving cell. A neighbor cell rank is computed for the neighbor cell based on multimedia broadcast multicast service metrics. Cell reselection is determined based on the serving cell rank and the neighbor cell rank.

No. of Pages: 51 No. of Claims: 54

(21) Application No.1362/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HELICO-TORSIONAL SPRING

(51) International classification	:F16F15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHANKAR.M
(32) Priority Date	:NA	Address of Applicant :17/2, KUMARAN NAGAR, PADI,
(33) Name of priority country	:NA	CHENNAI 600050 Tamil Nadu India
(86) International Application No	:NA	2)JEROME STANLEY.M
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHANKAR.M
(61) Patent of Addition to Application Number	:NA	2)JEROME STANLEY.M
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is about a hybrid spring assembly called Helico-Torsional spring assembly system. The Helico-Torsional spring assembly system consists of a normal clock spring coupled with a group of helical coil springs by means of metallic clips. The helical coil springs are placed inside the metallic clips and fashioned to the long clock spring in between so as to slide smoothly during its operation. This arrangement makes this novel design / mechanism to operate effectively to store high energy at the Helico-Torsional spring assembly for instant energy recovery thereafter.

No. of Pages: 9 No. of Claims: 4

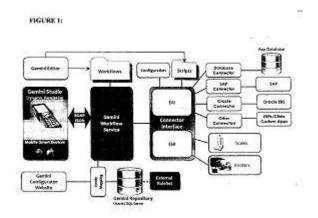
(22) Date of filing of Application :04/09/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: MOBILITY INTERFACE FOR ENTERPRISE APPLICATION

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S. TAKE SOLUTIONS GLOBAL LLP
(32) Priority Date	:NA	Address of Applicant :NO. 8B, ADYAR CLUB GATE
(33) Name of priority country	:NA	ROAD, CHENNAI - 600 028 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRINIVASAN GOVINDARAJAN
(87) International Publication No	: NA	2)BALASUBRAMANIAM SIVANANDAM
(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 and method for management and automation of enterprise applications without modifying host system. More specifically, the present invention helps customers to configure interfaces to collect data using variety of industrial and smart mobile devices and update backed enterprise applications. Further, the present invention helps to reengineer and automate processes, allows data integration from multiple enterprise applications and helps to create and/or customize application functionalities without modifying host system. Moreover, the system is provided with a single execution framework for seamless integration between enterprise resource planning and non-enterprise resource planning applications without any changes to front end module. Further, the system leverages external rule-sets and workflows to orchestrate process across diverse enterprise Information Technology systems. A function module can be added to the system dynamically in runtime without changing code or recompiling the framework. [Figure 1]



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

(21) Application No.4567/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BABY BOTTLE WARMER

 (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 	:A47J36/24 :61/568663 :09/12/2011 :U.S.A. :PCT/IB2012/056984 :05/12/2012 :WO 2013/084161 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)KOOIJKER Klaas 2)STOLK Theodoor 3)VAN DER KAMP Gertrude Ri«tte
(61) Patent of Addition to Application	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A baby bottle warmer is disclosed comprising a chamber (3) for receiving a baby bottle comprising a base (5) and side walls (6) configured so that in use the sides and base of the chamber (3) are at an angle to the surface on which the baby bottle warmer is supported. A water reservoir (11) positioned higher up than the chamber (3) feeds water into the chamber (3) by gravity through a pipe (12). The reservoir (11) is sealed except for the pipe (12) so air may flow in the opposite direction to the water along the pipe (12) until the water level in the chamber (3) reaches the level of the outlet (15) of the pipe (12) at which point the water level is prevented from rising. When the baby bottle is inserted into the chamber (3) the water is displaced so that it forms a layer between the baby bottle and the walls (5 6) of the chamber (3). This layer of water acts as an efficient heat transfer mechanism. The baby bottle warmer further comprises a mechanism which raises the baby bottle at least partly out of the chamber (3) at the end of a heating cycle to prevent overheating and to signal the user that the heating cycle is complete.

No. of Pages: 16 No. of Claims: 14

(21) Application No.4568/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROBUST VARIANT IDENTIFICATION AND VALIDATION

(51) International classification	:G06F19/22	(71)Name of Applicant:
(31) Priority Document No	:61/568336	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:08/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056911	(72)Name of Inventor:
Filing Date	:03/12/2012	1)KUMAR Sunil
(87) International Publication No	:WO 2013/084133	2)SINGH Randeep
(61) Patent of Addition to Application	:NA	3)CHAKRABARTI Biswaroop
Number	:NA	4)KUMAR Subodh
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Anon transitorystorage medium storesan assembled genetic sequence comprising aligned sequencing reads. An electronic processing device is configured to performoperations including: identifying a possible variant in the assembled genetic sequence; computing value of at least one read property for reads of the assembled genetic sequence; and calling the possible variant conditional upon the computed values of the at least one read property for sequencing reads of the assembled genetic sequence that include the possible variant satisfying an acceptance criterion. The electronic processing device may be further configured to select at least one region of the assembled genetic sequence for validation based on a nonrandom selection criterion.

No. of Pages: 31 No. of Claims: 15

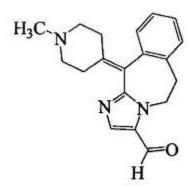
(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 6,11-DIHYDRO-11-(1-METHYL-4-PIPERIDINYLIDENE)-5H-IMIDAZO[2,1-B][3]BENZAZEPINE-3-CARBOXALDEHYDE AND IT'S NOVEL POLYMORPH

(51) International classification	:C07D223/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)PERI SEETHA RAMA SARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of 6,11-dihydro-l 1-(1 -methyl-4-piperidinylidene)-5H-imidazo[2,1 -b] [3] benzazepine-3 -carboxaldehyde compound of formula-1. The present invention also provides novel crystalline polymorph of compound of formula-1 and process for its preparation.



Formula-1

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

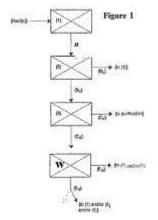
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR THE MANUFACTURE OF ACETIC ACID

(51) International (71)Name of Applicant: :C07C51/235,C07C51/42,C07C51/50 classification 1)LYONDELL CHEMICAL TECHNOLOGY L.P. (31) Priority Document No :61/578709 Address of Applicant: 1221 McKinney Suite 700 (32) Priority Date :21/12/2011 Lyondellbasell Tower Houston TX 77010 U.S.A. (72)Name of Inventor: (33) Name of priority :U.S.A. country 1)HALLINAN Noel C. (86) International 2) HEARN John D. :PCT/US2012/069735 Application No 3)PATEL Miraj S. :14/12/2012 Filing Date 4)FITZPATRICK Michael E. (87) International :WO 2013/096118 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The phase separation in the decanter of a process for producing acetic acid by carbonylating methanol in the presence of a catalyst under low water high acid conditions is improved by forming a liquid mixture (D) which has a water content of at most 20% by weight based on the weight of the liquid mixture and a weight ratio of acetic acid to water of at least 1:1 and partitioning the liquid mixture by providing for an alkane(s) content of D of from 0.1 to 15% by weight based on the weight of D to obtain a light aqueous phase and a heavy organic phase.



No. of Pages: 44 No. of Claims: 19

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR DETERMINING A POWER CONSUMPTION MONITORING SYSTEM AND ELECTRICAL INSTALLATION COMPRISING THE APPLICATION THEREOF

:G01R21/06,G01R21/133 (71)Name of Applicant : (51) International classification (31) Priority Document No :11/03957 (32) Priority Date :20/12/2011 (33) Name of priority country :France (86) International Application No :PCT/FR2012/052830 Filing Date :07/12/2012 (87) International Publication No :WO 2013/093281

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

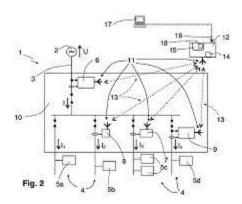
1)SCHNEIDER ELECTRIC INDUSTRIES SAS

Address of Applicant: 35 rue Joseph Monier F 92500 Rueil

malmaison France (72) Name of Inventor: 1)BRUEL Marc

(57) Abstract:

In order to determine a consumption in a group of branches (4) of individual distribution of electrical energy a method comprises steps wherein: a) a change in electrical consumption is detected in the branches (4) and b) information relating to an electric current (12 I3 U) is read in a specific branch (4) then c) using said information an indication is established according to which said change took place in the specific branch (4) then d) using measurements taken of the overall power supply (I U) of the group of branches (4) before the change and measurements taken of said overall power supply (I U) after the change in addition to said indication an individual energy consumption of said specific branch (4) is determined.



No. of Pages: 39 No. of Claims: 15

(21) Application No.4562/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : DISSIPATIVE SURFACTANT AQUEOUS BASED DRILLING SYSTEM FOR USE IN HYDROCARBON RECOVERY OPERATIONS FROM HEAVY OIL AND TAR SANDS

 (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 	:C09K8/035 :61/562283 :21/11/2011 :U.S.A. :PCT/US2012/066344 :21/11/2012 :WO 2013/078374 :NA :NA	(71)Name of Applicant: 1)TUCC TECHNOLOGY LLC Address of Applicant: 4800 San Felipe Suite 100 Houston Texas 77056 3908 U.S.A. (72)Name of Inventor: 1)DOBSON JR. James W. 2)TRESCO Kim O. 3)HINDS Pierre J.
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A water based drilling fluid which includes an aqueous fluid and a water soluble dissipative surfactant composition is described wherein the dissipative surfactant composition includes at least one fatty acid or ester derivative of a plant or vegetable oil. Also described are methods of using such aqueous based drilling fluids including the dissipative surfactant composition as described in hydrocarbon recovery operations associated with oil/tar sand where such fluids act to increase the dispersant qualities of hydrocarbons within the oil/tar sand and where such fluid exhibit a reduced coefficient of friction.

No. of Pages: 35 No. of Claims: 26

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention : UNIVERSAL SERIAL BUS (USB) HUB FOR SWITCHING DOWNSTREAM PORTS BETWEEN HOST MODE AND SLAVE MODE

(51) International classification	·H04L12/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALLGO EMBEDDED SYSTEMS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :2729, 80 Feet Road, HAL, 3rd Stage,
(33) Name of priority country	:NA	Indiranagar, Bangalore -560038, Karnataka, India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Magesh Margabandu
(87) International Publication No	: NA	2)Krishnaswamy Srinivasan
(61) Patent of Addition to Application Number	:NA	3)Vikas Shukla
Filing Date	:NA	4)Ashutosh Srivastva
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiment of present disclosure relates to a Universal Serial Bus (USB) hub for switching downstream ports between host mode and slave mode comprising upstream port connectable to host port of host, downstream port and switching module. The downstream port is connectable to device port of peripheral device and acts in host mode and said device port acts in slave mode. The switching module comprises master port, switching port and control unit. The master port is connectable to upstream port. The switching port is connectable to other end of downstream port, the switching port acts in host mode. The control unit receives switch command from host to switch downstream port from host mode to slave mode; switches switching port to slave mode and enables downstream port to act in the slave mode when host emulates functionality of slave mode as required by peripheral device using vendor specific USB class.

No. of Pages: 38 No. of Claims: 18

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : VEHICLE TRACKING SYSTEM-A SMART WAY TO REMOTELY CONTROL THE THEFT VEHICLE

(51) International classification	:G08B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. KARTHIKEYAN
(32) Priority Date	:NA	Address of Applicant :17/3, ASHOK NAGAR, 1ST STREET,
(33) Name of priority country	:NA	NARASOTHIPATTY, SALEM - 636 004 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. A. PRITHIVIRAJ
(87) International Publication No	: NA	2)MR. D. BALAMURUGAN
(61) Patent of Addition to Application Number	:NA	3)MR. R. KARTHIKEYAN
Filing Date	:NA	4)MS. R. KEERTHANA
(62) Divisional to Application Number	:NA	5)MR. V. HARIHARA SENTHIL
Filing Date	:NA	6)MR. M. ANANDAN

(57) Abstract:

Vehicle Tracking System Vehicle Tracking Systemconsists of an embedded system which includes GSM modem, GPS Module, Micro controller board, Relay board for controlling and tracking the lost vehicle independently by the user and also to register the police complaint about the theft of the vehicle remotely on a real time basis or at predetermined times. The command for controlling the vehicle is sent to the GSM modem by using a mobile application in a secure manner which is achieved by using a serial key. The serial key cannot be viewed by the user which is hidden in the buttons of the mobile application. This system is mainly used to control and track the location of the lost vehicle by the owner itself and also it can be used to register the police complaint regarding the theft of the vehicle. By using this system the user can control and track the vehicle from anywhere in the world and our invention will also be useful for the police department to get a complaint about the theft of the vehicle immediately from the public people and to track the theft vehicle easily.

No. of Pages: 13 No. of Claims: 10

(21) Application No.4570/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN EXAMINATION SYSTEM WITH MULTIPLE ULTRASOUND TRANSDUCERS.

 (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 	:A61B8/12 :61/568212 :08/12/2011 :U.S.A. :PCT/IB2012/056356 :12/11/2012 :WO 2013/084094 :NA :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656AE Eindhoven Netherlands (72)Name of Inventor: 1)KOLEN Alexander Franciscus 2)HARKS Godefridus Antonius 3)FOKKENROOD Steven Antonie Willem 4)DELADI Szabolcs
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(57) Abstract:

To sum up the present invention relates to an examination system 1301 for examining an associated tissue sample 1302 where the examination system comprises an interventional device 1320 which comprises a plurality of ultrasound transducers 306a c and wherein the different ultrasound transducers are arranged to obtain images of different regions of an associated tissue sample and wherein the examination system furthermore comprises a display device 1351 arranged for showing the images so that each of their positions corresponds to the corresponding positions of the different adjacent tissue sample regions in the adjacent associated tissue sample. A possible advantage of the system may be that relevant information regarding the associated tissue sample is conveyed to an observer in a fast an intuitive manner.

No. of Pages: 33 No. of Claims: 15

(21) Application No.4571/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ELECTRONIC TEXTILE WITH MEANS FOR FACILITATING WASTE SORTING

(51) International classification :H05K1/03,H05K3/22,H05K1/18 (71) Name of Applicant:

(31) Priority Document No :61/567965 (32) Priority Date :07/12/2011

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

(86) International Application :PCT/IB2012/056754

No :27/11/2012 Filing Date

(87) International Publication No:WO 2013/084108

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)VAN OS Jacobus Petrus Johannes

2)LUITJENS Steven Broeils 3)VAN PIETERSON Liesbeth

4)ZHUO Guofu

5) VAN ABEELEN Frank Anton

(57) Abstract:

According to the present invention an electronic textile (1) is provided. The electronic textile comprises an electronic structure (3) including conductive wires (4) being at least partly spaced apart from each other and one or more electronic components (5) connected to the conductive wires. One or more gaps (14) are formed in the electronic structure between the at least partly spaced apart conductive wires. The electronic textile further comprises a fabric structure (2) including two fabric portions (10) wherein the electronic structure is sandwiched between the two fabric portions. Further the two fabric portions are joined together according to a bonding pattern including bonding segments (8) the bonding segments being arranged in one or more of the gaps of the electronic structure such that the electronic structure is held in place in the fabric structure by the bonding pattern. With the present invention the separation of the electronics from the fabric is made easier which is advantageous in that waste sorting of the electronic textile is facilitated.

No. of Pages: 19 No. of Claims: 15

(21) Application No.4572/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BEAM SHAPING LIGHT EMITTING MODULE

 (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 	:H01L33/60 :61/567670 :07/12/2011 :U.S.A. :PCT/IB2012/056910 :03/12/2012 :WO 2013/084132 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)ZAHN Fritz Helmut 2)GOLDBACH Susanne Lina 3)PEETERS Martinus Petrus Joseph
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

There is provided a light emitting module (1) having at least one light emitting element (3) which is arranged to emit light of a primary wavelength and a wavelength converting element (5) arranged at a distance from the at least one light emitting element (3). The wavelength converting element (5) is arranged to convert at least part of the light of a primary wavelength into light of a secondary wavelength. Further the module (1) comprises a first optical component (7) having surface structures (11) on a surface facing away from the light emitting element (3). Light rays incident on the first optical component (7) at large angles are transmitted and bent towards a normal of the first optical component (7). The invention is advantageous in that it provides a compact and efficient light directing module.

No. of Pages: 21 No. of Claims: 11

(21) Application No.1234/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOUND WIND TURBINE

 (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 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)T K RANJANA Address of Applicant: A7 SRINIVAS FLATS B10, HINDU COLOCY FIRST CROSS, NANGANALLUR, CHENNAI - 600 061 Tamil Nadu India (72)Name of Inventor: 1)T K RANJANA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

Wind Turbines mainly are of two types: vertical axis(VAWT) and horizontal axis(HAWT). HAWTs are the most common type of wind turbines built across the world. VAWT is a type of wind turbine which has two or three blades and in which the main rotor shaft runs vertically. They are however less frequently used as they are not as effective as HAWT. The main difference between the VAWT and HAWT is the position of blades. In HAWT, blades are on the front spinning in the air while in VAWT, blades are wrapped around the shaft. The main advantage of VAWT over HAWT is its insensitivity to wind direction and therefore can be mounted closer to the ground making it effective for home and residential purpose. The concept of this invention is combining both HAWT and VAWT to be said as CWT (COMPOUND WIND TURBINE) which is achieved through the proper gearing system to get more power output.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention : IMPROVEMENT IN DESIGN OF COCKPIT FLOOR SIDE MEMBER FOR SUPPORTING ENGINE TRUSS MOUNT LOADS OF A TURBOPROP TRAINER AIRCRAFT

(51) International classification	:G09B9/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CNETRE, DESIGN COMPLEX, MARATHALLI
(86) International Application No	:NA	POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C. KUPPURAJ (DGM)
(61) Patent of Addition to Application Number	:NA	2)M.H. CHANDRA (SM)
Filing Date	:NA	3)S.S. VIVEKANANADHA (DM)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

It is an aircraft structural design used for transferring Engine truss mount loads through Longerons(primary moment resisting member) to the fuselage structure of a turboprop trainer aircraft. The improved design has the minimum weight with no extra parts and eliminates the tooling time and cost required to form the extensive sheet metal build up structure. This improved design will effectively transfer the engine mount loads to the fuselage in addition to serving as a Cockpit floor side member. A single machined member made of high strength Al alloy is also used to establish web to web connection between top & bottom frames coming in the cockpit area and for providing continuity between skin and Covers. The design is constructed keeping in view the frequent inspection and maintainability associated with it.

No. of Pages: 11 No. of Claims: 8

(21) Application No.4586/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: POLYPEPTIDES HAVING LYSOZYME ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:A61K38/47,C12N9/24,C12N9/36 :11190690.5 :25/11/2011 :EPO :PCT/EP2012/073483 :23/11/2012	(71)Name of Applicant: 1)NOVOZYMES A/S Address of Applicant: Krogshoejvej 36 DK 2880 Bagsvaerd Denmark (72)Name of Inventor: 1)SCHNORR Kirk Matthew
Filing Date (87) International Publication No	:WO 2013/076253	2)NIELSEN Jens Erik 3)KLAUSEN Mikkel
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to isolated polypeptides having lysozymeactivity and polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages: 171 No. of Claims: 29

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: USE OF P3 OF BACTERIOPHAGE AS AMYLOID BINDING AGENTS

(51) International :A61K38/16,A61K47/48,C07K14/01 classification (31) Priority Document No :61/564602 (32) Priority Date :29/11/2011 (33) Name of priority :U.S.A. country (86) International :PCT/US2012/066793 Application No :28/11/2012 Filing Date (87) International Publication: WO 2013/082114

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1) NEUROPHAGE PHARMACEUTICALS INC.

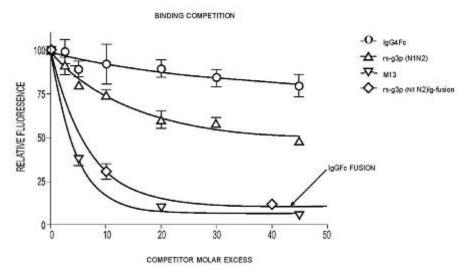
Address of Applicant :222 Third Street Suite 3120 Cambridge

MA 02142 U.S.A. (72) Name of Inventor:

1)KRISHNAN Rajaraman

(57) Abstract:

The invention relates to agents and to pharmaceutical compositions for reducing the formation of amyloid and/or for promoting the disaggregation of amyloid proteins. The compositions may also be used to detect amyloid.



No. of Pages: 154 No. of Claims: 63

(21) Application No.4588/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HYDROGEN PRODUCTION METHOD

(51) International classification	:C01B3/02,C01B3/36,C02F11/10	(71)Name of Applicant :
(31) Priority Document No	:2011287541	1)JFE STEEL CORPORATION
(32) Priority Date	:28/12/2011	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application	.DCT/ID2012/009201	(72)Name of Inventor:
No	:PCT/JP2012/008291	1)TAKAGI Katsuhiko
Filing Date	:25/12/2012	2)ASANUMA Minoru
(87) International Publication	:WO 2013/099230	3)MOGI Yasuhiro
No	:WO 2013/099230	4)SAIMA Hitoshi
(61) Patent of Addition to	NIA	5)FUJIBAYASHI Akio
Application Number	:NA	6)NAKAMURA Yuki
Filing Date	:NA	
(62) Divisional to Application	N/A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

OIn producing hydrogen by reforming organic matter excess moisture vapour is added to an exhaust gas (g) containing carbon monoxide generated by a metallurgical furnace and a shift reaction is carried out thereby constituting a mixed gas (g) containing hydrogen produced by the shift reaction and carbonic acid gas and water vapour not consumed by the shift reaction. Said mixed gas (g) is brought into contact with organic matter bringing about a reforming reaction which reduces the molecular weight of the organic matter and the product of the reforming reaction is steam reformed thereby producing hydrogen.

No. of Pages: 119 No. of Claims: 22

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : WATER TREATMENT SYSTEM, ANDWATER TREATING METHOD IN WATER TREATMENT SYSTEM

(51) International classification	:B01D	(71)Name of Applicant:
(31) Priority Document No	:JP2013- 134677	1)Hitachi, Ltd. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:27/06/2013	Tokyo 100-8280 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Keiko NAKANO
Filing Date	:NA	2)Kotaro KITAMURA
(87) International Publication No	: NA	3)Misaki SUMIKURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT WATER TREATMENT SYSTEM AND WATER TREATING METHOD IN WATER TREATMENT SYSTEM A water treatment system includes a pre-treating unit for pre-treating a raw water; a desalting unit having a separating membrane unit for separating substance to be separated from the raw water pre-treated in the pre-treating unit, using a separating membrane; and a monitoring unit between the pre-treating unit and the desalting unit. The monitoring unit has a monitor device fitted to a bypass pipe and configured to have a closed vessel having at least one transparent surface, and an image-pickup device which makes the raw water flowing in this vessel visible through the transparent surface. In the vessel, separating membrane layers which the separating membrane unit has, and a fouling-generating member are arranged to be put onto each other. This fouling-generating member imitates spacers for keeping, apart from each other, the separating membrane layers of the separating membrane arranged in the separating membrane unit. Selected drawing: Fig. 3

No. of Pages: 57 No. of Claims: 13

(21) Application No.4080/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: ANTI SHEARING PLATE USED IN MOUNTING TRAY FOR AIRBORNE APPLICATIONS

:A44C	(71)Name of Applicant:
:NA	1)SLRDC, HAL
:NA	Address of Applicant :AGM (D) SLRDC HINDUSTAN
:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
:NA	HYDERABAD - 500 042 Andhra Pradesh India
:NA	(72)Name of Inventor:
: NA	1)ABHINAV SHRIVASTAVA
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The functional requirement is to arrest the two longitudinal translation of shock mount shaft w.r.t the third axis & hence avoid the shear failure of fixing screw for shock mount, and also to resists the other amplified structural loads resuiiting from gunfire during mission of any fighter aircraft.

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

(21) Application No.4597/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF GAMMA AMINO ACIDS AND INTERMEDIATES USED IN SAID PROCESS

(51) International :C07D401/06,C07C227/02,C07C227/04

classification

(31) Priority Document :11190187.2

(32) Priority Date :22/11/2011

(33) Name of priority

country

(86) International

:PCT/EP2012/073420 Application No :22/11/2012

:EPO

Filing Date

(87) International

:WO 2013/076225 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ROYAL COLLEGE OF SURGEONS IN IRELAND

Address of Applicant: 123 St Stephens Green Dublin 2 Ireland

(72) Name of Inventor: 1)ADAMO Mauro

(57) Abstract:

1The invention relates to the preparation of gamma amino acids of formula (I) and pharmaceutically acceptable salts solvates and prodrugs thereof and to intermediates used for their preparation. (formula I) wherein R is selected from an alkyl group an alkenyl group an alkynyl group and a cycloalkyl group each of which may be optionally substituted and denotes a chiral centre. In particular the present invention provides an efficient synthesis of (S) pregabalin which is suitable for carrying out on an industrial

No. of Pages: 89 No. of Claims: 82

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD OF CRYOPRESERVATION OF TISSUE DERIVED FROM PLURIPOTENT STEM CELLS

(51) International classification :C12N5/074,C12N1/04,C12N5/0735

(31) Priority Document No :2011258208 (32) Priority Date :25/11/2011 (33) Name of priority country: Japan

(86) International :PCT/JP2012/080365

Application No
Filing Date

1 C1/31 2012
:22/11/2012

(87) International Publication :WO 2013/077424

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)SUMITOMO CHEMICAL COMPANY LIMITED

Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo

1048260 Japan **2)RIKEN**

(72)Name of Inventor:

1)ANDO Satoshi 2)NAKANO Tokushige 3)SASAI Yoshiki

4)EIRAKU Mototsugu

(57) Abstract:

This invention provides a method of cryopreservation of pluripotent stem cell derived tissue characterized by involving (1) to (3) below. (1) A first step for bringing the pluripotent stem cell derived tissue into contact with a cell protection solution containing sulfoxides and chain polyols. (2) A second step for holding in a cryopreservation solution the pluripotent stem cell derived tissue brought into contact with the cell protection solution in the first step. (3) A third step for cryopreservation in the presence of a coolant of the pluripotent stem cell derived tissue held in the cryopreservation solution in the second step. By means of this method a method can be provided to stably store pluripotent stem cell derived tissue.

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

1)SUMITOMO CHEMICAL COMPANY LIMITED

Address of Applicant: 27 1 Shinkawa 2 chome Chuo ku Tokyo

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS FOR PRODUCING RETINAL TISSUE AND RETINA RELATED CELL

(51) International classification :C12N5/071,A61L27/00,C12N5/0789

(31) Priority Document No :2011258212 (32) Priority Date :25/11/2011

(33) Name of priority country :Japan

(86) International :PCT/JP2012/080366

:NA

Application No Filing Date :22/11/2012

(87) International :WO 2013/077425

Publication No
(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to
Application Number

NA
:NA
:NA
:NA

(72)Name of Inventor:

1)NAKANO Tokushige 2)ANDO Satoshi 3)SASAI Yoshiki

(71)Name of Applicant:

1048260 Japan **2)RIKEN**

4)EIRAKU Mototsugu

(57) Abstract:

Filing Date

The present invention provides: [1] a method for producing a retinal tissue characterized by comprising steps (1) to (3) i.e. (1) a first step of subjecting a pluripotent stem cell to floating culture in a serum free culture medium containing a Wnt signaling pathway inhibitor to form an aggregate of the pluripotent stem cell (2) a second step of subjecting the aggregate formed in the first step to floating culture in a serum free culture medium containing a basement membrane preparation and (3) a third step of subjecting the aggregate cultured in the second step to floating culture in a serum containing culture medium; [2] a method for producing an optic cup like structure characterized by comprising a step of subjecting the aggregate containing a retinal tissue which has been cultured in the third step mentioned above to floating culture in a serum free culture medium or a serum containing culture medium each containing a substance capable of acting on the Sonic hedgehog signaling way and a substance capable of acting on the Wnt signaling pathway; [3] a method for producing a retinal pigment epithelial cell characterized by comprising a step of subjecting the aggregate containing a retinal tissue which has been cultured in the third step mentioned above to floating culture in a serum free culture medium or a serum containing culture medium each containing a substance capable of acting on the Wnt signaling pathway (wherein the serum free culture medium and the serum containing culture medium does not contain any substance capable of acting on the Sonic hedgehog signaling pathway); and [4] a method for producing a retinal layer specific nerve cell characterized by comprising bringing a retinal progenitor cell contained in a retinal tissue derived from a primate pluripotent stem cell into contact with a Notch signaling pathway inhibitor.

No. of Pages: 67 No. of Claims: 20

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MINIMALLY INVASIVE BLOOD ANALYSER USING SEMICONDUCTOR CHIP

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R.R. DISTRICT - 500 037
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)SANDEEP CHINNAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this method of invention very minute quantities like micro liters of blood will be extracted from finger using a small prick and the collected quantity of blood will be distributed into single valve carbon nano tubes of multiple numbers to conduct multiple diagnostics test. In this method apparatus works based on Lambert Beers law and advanced nano level measuring techniques. In this method of invention a special kind of chip with capacity to handle multiple analytical functions is designed. The chip will record the image of single wall carbon nano tubes after adding respective reagents and compare the changes with standard library of reactions. It has the ability to transmit the data from these tests to multiple users. Chip also will give the data which can be used for colour comparisons and record nano metric liquid chromatographic movements. In this method of invention an unique single wall carbon nano tubes are used as test tube like holders which can take nano litres of liquid volumes and subjected to various titrimetric tests. The challenge of filling these nano test tubes is addressed with nano metric liquid dispersion mechanism designed using collagen fibers with salt solutions, which respond to external pulsed current. Using advanced electronic circuits, femto second timer control is used to disperse liquid into single wall carbon nanotubes

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEAERATOR AND INSTALLATION METHOD THEREOF

		(71)Name of Applicant:
(51) International classification	:B01D	1)KABUSHIKI KAISHA TOSHIBA
(31) Priority Document No	:2013-	Address of Applicant :of 1-1, Shibaura 1-chome, Minato-ku,
(31) Friority Document No	140604	Tokyo, Japan Japan
(32) Priority Date	:04/07/2013	2)TOSHIBA PLANT SYSTEMS & SERVICES
(33) Name of priority country	:Japan	CORPORATION
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)OGATA, Takema
(87) International Publication No	: NA	2)SHIOMI, Hajime
(61) Patent of Addition to Application Number	:NA	3)WATANABE, Takahiro
Filing Date	:NA	4)SASAKI, Akio
(62) Divisional to Application Number	:NA	5)SUZUKI, Tsuyoshi
Filing Date	:NA	6)OOHASHI, Toshiyuki
		7)NISHIMURA, Mariko

(57) Abstract:

One embodiment of a deaerator installation method includes: a division piece production step S11 of producing, by dividing a deaerator body trunk, a plurality of division pieces each having a size that can be passed between a plurality of columns vertically arranged between a turbine floor area and a deaerator floor area; a temporary pedastal installation step S21 of installing a temporary pedestal on which the division pieces are to be placed in the turbine floor; a division piece conveyance step S23 of sequentially conveying the plurality of division pieces to the temporary pedestal by means of an overhead crane; a drawing step S24 of sequentially drawing the plurality of division pieces each attached with carry-in rollers from the temporary pedestal into the deaerator floor; and an assembly step S30 of assembling the division pieces sequentially drawn into the deaerator floor to form of the deaerator.

No. of Pages: 37 No. of Claims: 7

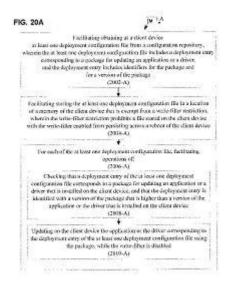
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : AUTOMATIC UPDATING OF AN APPLICATION OR A DRIVER ON A CLIENT DEVICE USING A DEPLOYMENT CONFIGURATION FILE

 (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 	:14/08/2012 :WO 2013/081679 :NA	(71)Name of Applicant: 1)WYSE TECHNOLOGY L.L.C. Address of Applicant: 3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor: 1)MALLUR Muralidhara 2)BANDAKKA Jyothi 3)TUKOL Sanmati
	:NA :NA	3)1 CKOL Saimiau
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The automatic updating of an application or a driver on a client device is described. At least one deployment configuration file including a deployment entry corresponding to a package for updating an application or a driver is obtained at the client device. The deployment configuration file is stored on the client device in a memory location that is exempt from a write filter restriction wherein the write filter restriction prohibits a file stored with the write filter enabled from persisting across a reboot of the device. A check is performed to determine whether the deployment entry identifies an application or driver that is installed on the client device and identifies a version of the application or driver that is higher than a version installed on the client device. The application or driver corresponding to the deployment entry is then updated on the client device using the package while the write filter is disabled.



No. of Pages: 184 No. of Claims: 36

(21) Application No.2069/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: ANTIGRAVITY SUPERSONIC SPACECRAFT

(74) 7		
(51) International classification	:B64D27/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)S. KAUSHIK
(32) Priority Date	:NA	Address of Applicant :OLD NO: 6, NEW NO: 11,
(33) Name of priority country	:NA	VIJAYALAKSHMY STREET, MAHALINGAPURAM,
(86) International Application No	:NA	CHENNAI - 600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. KAUSHIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Shell 2 is suspended by Shell 1 and Shell 1 is suspended by Shell 2 through magnetic suspension (surround suspension). This creates antigravity. Magnetic repulsion is used at various points in Shell 2 for propulsion. Then, magnetic belts placed on Shell 2 are used to achieve tilts and turns. This is the principle.

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

(21) Application No.4084/CHE/2013 A

(19) INDIA

(22) Date of filing of Application: 12/09/2013 (43) Publication Date: 18/09/2015

(54) Title of the invention : DESIGN & DEVELOPMENT OF STARTER ENGINE CONTROL UNIT FOR THE FIGHTER AIRCRAFT

(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 :NA	Address of Applicant :AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)KIRAN MADHALA
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

Annexure- III ABSTRACT OF THE INVENTION: The SECU (Starter Engine Control Unit) is an ab-initio design used to start, accelerate and control the GTSU (Gas Turbine Starter Engine) also called as JFS (Jet Fuel Starter). This unit is designed to control the fuel flow into the combustion chamber through the Stepper Motor (3 Phase). It has two processors MAIN and IPS (Independent Protection System). Main processor controls the fuel flow in closed loop control (3 controls: Ngg (Gas Generator speed), P2/P1 (Pressure ratio), JPT1 (Jet Pipe Temperature)) mode and IPS controls in open loop. The IPS is designed to monitor the main processor and when main processor is healthy, IPS monitors for abnormal conditions and shuts off the engine. When main processor is not healthy, IPS controls the fuel flow in open loop control. Page 8

No. of Pages: 8 No. of Claims: 9

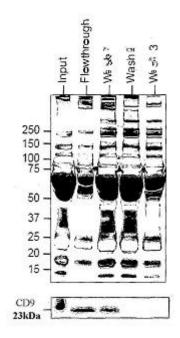
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : GM1 GANGLIOSIDE TO ANNEXIN V MICROPARTICLE POLYPEPTIDE RATIO FOR BIOLOGICAL MONITORING

 (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 	:C07K14/47,C12Q1/25 :2011088861 :30/11/2011 :Singapore :PCT/SG2012/000451 :30/11/2012 :WO 2013/081554 :NA	(71)Name of Applicant: 1)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH Address of Applicant: 1 Fusionopolis Way #20 10 Connexis Singapore 138632 Singapore 2)SINGAPORE HEALTH SERVICES PTE LTD (72)Name of Inventor: 1)LIM Sai Kiang 2)TAN Kok Hian
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

We describe a method of monitoring the state of a cell tissue organ or organism. The method comprises establishing for a sample of microparticles from the cell tissue organ or organism a ratio. The ratio is of a selected polypeptide in microparticles which comprise GMl gangliosides preferably which bind to Cholera Toxin B (CTB) (GMl ganglioside microparticle polypeptide) to the selected polypeptide in microparticles which comprise exposed phosphotidylserine preferably which bind to Annexin V (Annexin V microparticle polypeptide). The GMl ganglioside microparticle polypeptide to Annexin V microparticle polypeptide ratio so established may be indicative of the state of the cell tissue organ or organism.



No. of Pages: 59 No. of Claims: 18

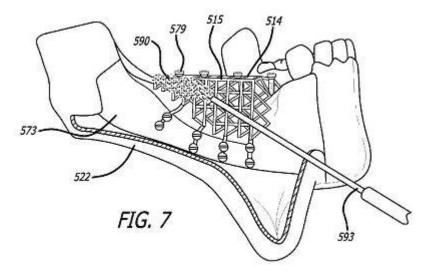
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICES AND METHODS FOR ENHANCING BONE GROWTH

(51) International classification	:A61C8/00	(71)Name of Applicant:
(31) Priority Document No	:13/335371	1)ALI Mohamed Ikbal
(32) Priority Date	:22/12/2011	Address of Applicant :331 Seneca Avenue San Francisco
(33) Name of priority country	:U.S.A.	California 94112 U.S.A.
(86) International Application No	:PCT/US2012/070886	(72)Name of Inventor:
Filing Date	:20/12/2012	1)ALI Mohamed Ikbal
(87) International Publication No	:WO 2013/096592	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is generally related to implants for compensating bone loss in mammalian body and to devices and methods for replacing or creating facial bone. The present invention relates to devices and methods for implanting an implantable device in a subject s body. The implantable device embodying features of the present invention include a body formed from a rig or matrix having a trabecular meshwork structure or cells with shapes suitable for a particular anatomical area of interest. The device may be a dental implant serving as a platform for placement of dental crowns.



No. of Pages: 38 No. of Claims: 20

(21) Application No.4603/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: A COIL HEAT EXCHANGER

(51) International classification :F28D7/02,A23L3/00,F28D21/00 (71)Name of Applicant:

(31) Priority Document No :11512647 (32) Priority Date :22/12/2011 (33) Name of priority country :Sweden

(86) International Application :PCT/EP2012/075561

No :14/12/2012 Filing Date

(87) International Publication :WO 2013/092415

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

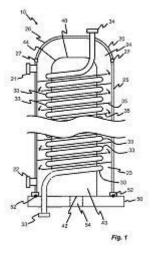
1)TETRA LAVAL HOLDINGS & FINANCE S.A. Address of Applicant: 70 Avenue Gnral Guisan CH 1009

Pully Switzerland

(72) Name of Inventor: 1)ST-VRING Peter 2)LARSSON Mats

(57) Abstract:

A coil heat exchanger is provided comprising a closed vessel (20) having an inlet (21) for receiving heat transfer media and an outlet (22) for discharging heat transfer media a tubular conduit (30) extending helically within said vessel (20) from a lower part (23) to an upper part (24) of said vessel (20) for transporting liquid products to be heated by said heat transfer media and an inner housing (40) enclosed by loops (32) of said tubular conduit (30) and sealed against the heat transfer media wherein said inner housing (40) comprises an open passageway (42) to the environment outside said coil heat exchanger (10).



No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SECURE SYSTEMS AND METHODS FOR MACHINE MONITORING

 (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 	:h04w :13/937989 :09/07/2013 :U.S.A. :NA :NA	12345 United States of America U.S.A. (72)Name of Inventor: 1)TART, Michael Alan 2)WILLIAMS, Scott Terrell
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHENG, Chien Chung
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system includes a secure data interface system. The secure data interface system includes a one-way communications interface configured to communicatively couple to a monitoring and protection system to receive data transmitted by the monitoring and protection system, and a processor configured to derive at least one measurement based on the data. The secure data interface system further includes a two-way communications interface configured to communicate the measurement to an external system, wherein the monitoring and protection system is configured to monitor operations of a machinery.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: SEMICONDUCTOR DEVICES AND METHODS OF MANUFACTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:h011 :13/933366 :02/07/2013 :U.S.A. :NA	
Filing Date	:NA :NA	1)KENNERLY, Stacey Joy
(87) International Publication No	: NA	2)BOLOTNIKOV, Alexander Viktorovich
(61) Patent of Addition to Application Number	:NA	3)LOSEE, Peter Almern
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of manufacturing a semiconductor device is presented. The method includes providing a semiconductor layer comprising silicon carbide, wherein the semiconductor layer comprises a first region doped with a first dopant type. The method further includes implanting the semiconductor layer with a second dopant type using a single implantation mask and a substantially similar implantation dose to form a second region and a junction termination extension (JTE) in the semiconductor layer, wherein the implantation dose is in a range from about $2 \times 10 \text{ cm}$ to about $12 \times 10 \text{ cm}$. Semiconductor devices are also presented.

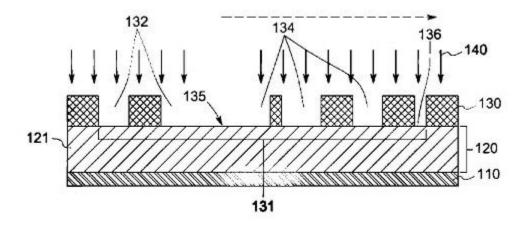


FIG. 2

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

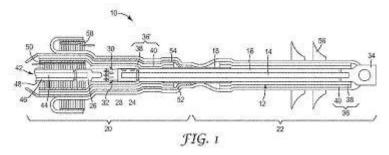
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TERMINAL CONNECTION DEVICE FOR A POWER CABLE

(71)Name of Applicant: (51) International classification :H02G15/184 1)3M INNOVATIVE PROPERTIES COMPANY (31) Priority Document No :11194804.8 Address of Applicant :3M Center Post Office Box 33427 Saint (32) Priority Date :21/12/2011 Paul Minnesota 55133 3427 U.S.A. (33) Name of priority country :EPO (72) Name of Inventor: (86) International Application No :PCT/US2012/070442 1)BOLCATO Giuliano Filing Date :19/12/2012 2)WEICHOLD Jens (87) International Publication No :WO 2013/096354 3)ZANOLI Pasquale (61) Patent of Addition to Application :NA 4)GRAVERMANN Mark Number :NA 5)KURZHALS Holger Filing Date 6)STALDER Michael (62) Divisional to Application Number :NA 7)WEINMANN Christian Filing Date :NA 8)EGGERT Sebastian

(57) Abstract:

Terminal connection device (10) for connecting an end of a medium or high voltage power cable (42) to a connection point the terminal connection device (10) comprising an interface cable (12) having first and second end portions comprising an inner conductor (14) and a conductive or semiconductive layer (18). The terminal connection device further comprises a first stress control tube (36) comprising a stress control element (38) and an insulating layer (40) arranged around the stress control element (38) wherein the first stress control tube (36) is mounted on the first end portion of the interface cable (12). The terminal connection device further comprises a first cable connector (24) for connecting the interface cable (12) to the power cable (42) the first cable connector (24) being connected to the second end portion of the interface cable (12); The terminal connection device (10) further comprises a second stress control tube (36) comprising a stress control element (38) and an insulating layer (40) arranged around the stress control element (38) wherein the second stress control tube (36) is mounted over the second end portion of the interface cable (12) and at least a portion of the first cable connector (24); The terminal connection device further comprises one or more tubular shrinkable sleeves (52 52 52). At least a portion of one of the tubular shrinkable sleeves (52 52 52) extends over at least a portion of the second stress control tube (36). At least a portion of the tubular shrinkable sleeves (52 52) extends over at least a portion of the second stress control tube (36). The portion of the tubular shrinkable sleeves (52 52) extending over at least a portion of the first stress control tube (36) is shrunk down around at least a portion of the first stress control tube (36).



No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVEMENTS RELATING TO HIGH PRESSURE COMPRESSOR LUBRICATION

(51) International classification	:C10M143/06,C10M169/02	1 ' '
(31) Priority Document No	:11195305.5	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:22/12/2011	MAATSCHAPPIJ B.V.
(33) Name of priority country	:EPO	Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR
(86) International Application No	:PCT/EP2012/076816	The Hague Netherlands
Filing Date	:21/12/2012	2)SHELL OIL COMPANY
(87) International Publication No	:WO 2013/093080	(72)Name of Inventor:
(61) Patent of Addition to Application	¹:NA	1)NULL Volker Klaus
Number		2)LOHMEYER Bernd Paul
Filing Date	:NA	
(62) Divisional to Application	.NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lubricant composition for lubricating a high pressure compressor the composition comprising a Fischer Tropsch derived base oil and a polymeric thickener. Use in high pressure compressors especially hyper compressors is described as are high pressure olefin methods.

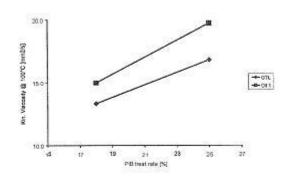


Figure 1A

No. of Pages: 43 No. of Claims: 15

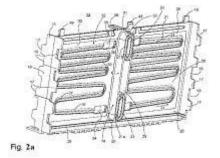
(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: BATTERY MODULE HAVING A BATTERY MODULE HOUSING AND BATTERY CELLS

(51) International classification	:H01M10/50	(71)Name of Applicant:
(31) Priority Document No	:11194916.0	1)ALEVO RESEARCH AG
(32) Priority Date	:21/12/2011	Address of Applicant : Alpenstrasse 15 CH 6304 Zug
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/075878	(72)Name of Inventor:
Filing Date	:18/12/2012	1)SCHR-DER Joachim
(87) International Publication No	:WO 2013/092543	2)BORCK Markus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

2The invention relates to a battery module comprising a battery module housing having parts made of plastic and several prismatic battery cells which have a cell housing having four side walls. Two parallel side walls are larger than the two other side walls. The electrolyte of the battery cells is preferably based on SO. The battery module housing (2) comprises a cooling system having a channel structure (32) and a liquid coolant. The channel structure (32) has a fluid connection to a coolant inlet (11) and a coolant outlet (12) of the battery module housing (2). Between two adjacent battery cells (5) a partition (13) made of plastic is arranged substantially parallel to the larger side walls (7) of the battery cell (5). A channel (31) of the channel structure (32) extends at least partially in the partition (13) and is formed by means of a cavity (33) of the partition (13) said cavity being open at least toward an adjacent side wall (7) of the battery cell (5). Between the side wall (7) of the battery cell (5) and the partition (13) a plastic separating layer (38) the material of which is preferably different from the material of the partition (13) and the thickness of which is less than the thickness of the partition (13) is arranged in such a way that the channel (31) of the cooling system formed by the cavity (33) is closed by the plastic separating layer (38).



No. of Pages: 73 No. of Claims: 23

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SOLVENTBORNE CLEARCOAT COATING COMPOSITION PROCESS FOR PRODUCING IT AND 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 	:C09D7/00 :61/563623 :25/11/2011 :U.S.A. :PCT/EP2012/073392 :22/11/2012 :WO 2013/076208 :NA :NA	(71)Name of Applicant: 1)BASF COATINGS GMBH Address of Applicant: Glasuritstrae 1 48165 M ¹ / ₄ nster Germany (72)Name of Inventor: 1)WEGNER Egon 2)MAYENFELS Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a solventborne clearcoat coating composition comprising (A) an OH functional (meth)acrylate (co)polymer component consisting of (A1) 30 99 weight % based on the mass of the non volatile fraction of the OH functional (meth)acrylate (co)polymer component (A) of at least one OH functional (meth)acrylate (co)polymer having an OH number of 60 200 mg KOH/g and a glass transition temperature (T) of 15°C to 100°C (A2) 1 70 weight % based on the mass of the non volatile fraction of the OH functional (meth)acrylate (co)polymer component (A) of at least one OH functional (meth)acrylate (co)polymer having an OH number of 60 200 mg KOH/g and a glass transition temperature (T) of 100°C to 120°C (B) a crosslinker component comprising at least one crosslinking agent having functional groups that are reactive with respect to OH groups and also (C) 0.02 1.2 weight % based on the mass of the non volatile fraction of the OH functional (meth)acrylate (co)polymer component (A) of at least one polyamide (D) 0.04 2.9 weight % based on the mass of the non volatile fraction of the OH functional (meth)acrylate (co)polymer component (A) of at least one urea compound which is an adduct of a polyisocyanate and methoxypropylamine. The present invention further relates to a method for producing the solventborne clearcoat coating composition to the use of the solventborne clearcoat coating composition and to a clearcoat system produced using the clearcoat coating composition.

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

(21) Application No.4615/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: NOVEL ANTI HUMAN CTGF ANTIBODY

(51) International :C12N15/09,C07K16/22,C12N1/15

classification

(31) Priority Document No :2011281811 (32) Priority Date :22/12/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/083206

:21/12/2012 Filing Date

(87) International Publication :WO 2013/094723

(61) Patent of Addition to **Application Number** :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

(71)Name of Applicant:

1)ASTELLAS PHARMA INC.

Address of Applicant: 5 1 Nihonbashi Honcho 2 chome Chuo

ku Tokyo 1038411 Japan (72) Name of Inventor: 1)IWASAKI Shoji

2)MORIYA Ryuichi 3)YOSHINO Masayasu 4)TAKAKURA Koji

(57) Abstract:

[Problem] To provide: an anti human CTGF antibody having a superior binding activity and/or a superior neutralization activity compared with those of conventional anti human CTGF antibodies; and a means for preventing or treating various diseases in which human CTGF is involved in the formation of clinical conditions thereof including renal diseases such as chronic kidney disease and diabetic nephropathy using the above mentioned anti human CTGF antibody. [Solution] An anti human CTGF antibody containing a heavy chain variable region comprising the amino acid sequence represented by SEQ ID NO: 10 and a light chain variable region comprising the amino acid sequence represented by SEQ ID NO: 4.

No. of Pages: 44 No. of Claims: 11

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR AGGREGATING AND PROVIDING DATA FROM ENTERPRISE SYSTEMS TO MOBILE DEVICES

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA
(32) Priority Date	:NA	PVT. LTD.
(33) Name of priority country	:NA	Address of Applicant :TECHNO COMPLEX, NO. 5/535,
(86) International Application No	:NA	OLD MAHABALIPURAM ROAD, OKKIYAM
Filing Date	:NA	THORAIPAKKAM, CHENNAI 600 097 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PARASU PILLAI
Filing Date	:NA	2)NARAYN SRIDHARAN
(62) Divisional to Application Number	:NA	3)MANISH CHADHA
Filing Date	:NA	

(57) Abstract:

SYSTEM AND METHOD FOR AGGREGATING AND PROVIDING DATA FROM ENTERPRISE SYSTEMS TO MOBILE DEVICES A system and computer-implemented method for aggregating and providing data from one or more enterprise systems to one or more mobile devices is provided. The system comprises one or more enterprise systems configured to store data pertaining to one or more enterprises. The system further comprises a middleware server, in communication with one or more mobile devices, configured to connect with the one or more enterprise systems based on a predefined information architecture. Further, the middleware server is configured to extract the data from the one or more connected enterprise systems. Furthermore, the middleware server is configured to transform the extracted data into one or more mobile compatible formats. In addition, the middleware server is configured to send the transformed data to the one or more mobile devices. The system further comprises one or more mobile devices configured to locally store and render the transformed data.

No. of Pages: 52 No. of Claims: 19

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

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

(51) International classification	:B23K26/38	(71)Name of Applicant:
(31) Priority Document No	:61/563120	1)HIGHCON SYSTEMS LTD
(32) Priority Date	:23/11/2011	Address of Applicant :4 Faran St. Building 7 North Industrial
(33) Name of priority country	:U.S.A.	Zone 8122513 Yavne Israel
(86) International Application No	:PCT/IL2012/000377	(72)Name of Inventor:
Filing Date	:21/11/2012	1)BUSCHULTE Rainer
(87) International Publication No	:WO 2013/076716	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cardboard handling system is disclosed. An example of the system can have a rule die associated to a first drum and a counter die associated to a second drum for pre treating cardboards. An alignmentor on a first side of the two drums aligns and conveys a cardboard together with a side gripper conveyor toward the drums. The side gripper conveyor transfers the cardboard through the drums for pre treatment of the cardboard. Next the side gripper conveyor conveys the cardboard toward and through a laser treatment module. The laser treatment comprise a laser; a base with a plurality of protruding elements; and a coupling mechanism. The coupling mechanism couples one or more cardboards to the top surface of the one or more of the protruding elements while the laser s beam cuts the cardboard.

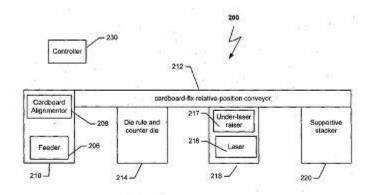


FIG. 2

No. of Pages: 59 No. of Claims: 43

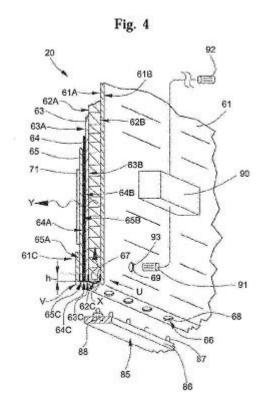
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ILLUMINABLE PANEL FOR AN ESCALATOR A MOVING PAVEMENT OR A LIFT CAR

(51) International classification	:F21V8/00,G02F1/13357	(71)Name of Applicant:
(31) Priority Document No	:11194843.6	1)INVENTIO AG
(32) Priority Date	:21/12/2011	Address of Applicant :Seestrasse 55 CH 6052 Hergiswil
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/074719	(72)Name of Inventor:
Filing Date	:07/12/2012	1)NIEDERMAYER G ¹ / ₄ nther
(87) International Publication No	:WO 2013/092241	2)MATHEISL Michael
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an escalator a moving pavement or a lift car with at least one illuminable panel (20). The illuminable panel (20) has a construction containing a plurality of layers (61 62 63 64 65). The planar extent of the two side surfaces (61A 62A 62B 63A 63B 64A 64B 65B) of each layer (61 62 63 64 65) is bounded by an edge region (61C 62C 63C 64C 65C). The layers (61 62 63 64 65) of the construction bear against one another by the side surfaces (61A 62A 62B 63A 63B 64A 64B 65B) thereof. The layer sequence of the construction is defined wherein a first layer is a reflective covering (61) a second layer is a transparent polymer material plate (62) containing light scattering particles a third layer is a first glass pane (63) a fourth layer is a transparent polymer layer (64) and a fifth layer is a second glass pane (65).



No. of Pages: 28 No. of Claims: 19

(21) Application No.4618/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

:NA

:NA

(54) Title of the invention: CONTROL DEVICE AND METHOD FOR AC ROTARY ELECTRICAL MACHINE AND ELECTRICAL POWER STEERING DEVICE

(51) International classification :H02P6/12 (71)Name of Applicant: (31) Priority Document No :2012038898 (32) Priority Date :24/02/2012 (33) Name of priority country :Japan (86) International Application No :PCT/JP2012/062177 Filing Date :11/05/2012 (87) International Publication No :WO 2013/125057 (61) Patent of Addition to Application :NA Number :NA Filing Date

1)MITSUBISHI ELECTRIC CORPORATION

Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku

Tokyo 1008310 Japan (72) Name of Inventor: 1)FURUKAWA Akira 2)KIMPARA Yoshihiko

3)OKADA Jiro

(57) Abstract:

Filing Date

An AC rotary electrical machine and control device that controls an AC rotary machine is equipped with a plurality of sets of windings and comprises: a plurality of inverters having in each phase a switching element that controls the voltage applied to each phase of the aforementioned winding; current control means that controls the current flowing to the winding and that supplies a voltage instruction value corresponding to the aforementioned voltage to the aforementioned inverters; and fault detection means that detects malfunction representing at least either short circuiting or open circuiting of the aforementioned switching elements. The current control means sets the same potential side of each phase of the malfunctioning inverter to the same condition as the fault in accordance with the fault detected by the fault detection means but continues to perform control of the inverter on the normal side i.e. the side which is not malfunctioning.

No. of Pages: 69 No. of Claims: 11

(62) Divisional to Application Number

(21) Application No.1330/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR EXTRACTING CROSS LANGUAGE DEPENDECIES AND ESTIMATING CODE CHANGE IMPACT IN SOFTWARE

 (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 	:G06F17/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)INFOSYS LIMITED Address of Applicant: IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India (72)Name of Inventor: 1)DR. PADMALOCHAN BERA 2)ANJANEYULU PASALA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ANJANEYULU PASALA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention describes a method and system for generating statefiow model from software requirements. The method includes receiving at least one software requirement as input. The method also includes annotating the received software requirements to create annotated software requirements. The method further includes parsing the annotated software requirements to create a plurality of statefiow blocks. The method further includes connecting, the created statefiow blocks, to generate a statefiow model. REF FIG: 1

No. of Pages: 21 No. of Claims: 30

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED ACTIVE MAGNETIC BEARINGS 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 	:13305921.2 :28/06/2013	 (71)Name of Applicant: 1)SKF Magnetic Mechatronics Address of Applicant: 27950 Saint-Marcel FRANCE France (72)Name of Inventor: 1)Salim Benbouzid 2)Joaquim Da Silva 3)Jean Levine 4)Stephane Turpault
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT [0036] A control device for controlling the position of a rotor (10A) supported by active magnetic bearings, comprising: a trajectory planning module (12) for generating a requested position, speed and acceleration, a feedback unit (20) for generating a position feedback value and a speed feedback value from measurements of at least a position of the rotor and current intensities in electromagnet coils of the active magnetic bearings, a first correction circuit (18) for generating a first command signal according to the difference between the requested position and speed and the position and speed feedback value respectively, a feedforward controller (14) for generating a second command signal according to a computation of the requested position, speed and acceleration, an adder (16) for adding the first and second command signals and delivering a third command signal for a non-linear inversion circuit (26) connected to the adder for generating flux command signals for the electromagnets, and a second correction circuit (28) for generating voltage command signals for the power amplifiers which control the current flowing in the electromagnet coils of the active magnetic bearings according to the difference between the flux command signals and feedback flux values. Figure 1

No. of Pages: 20 No. of Claims: 6

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: STRUCTURAL PLATFORMS FOR FAN DOUBLE OUTLET GUIDE VANE

 (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 	:F01D9/04 :61/568976 :09/12/2011 :U.S.A. :PCT/US2012/068435 :07/12/2012 :WO 2013/086315 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor: 1)HASTING William Howard 2)TUDOR Courtney James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A structural platform comprises a first end a second end a first side wall and a second side wall a platform body extending between the first end and the second end and further between the first side wall and the second side wall a first fillet joining the first side wall and the platform body a second fillet joining the second side wall and the platform body the sidewalls being curved.

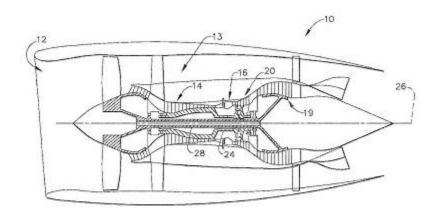


FIG. 1

No. of Pages: 35 No. of Claims: 12

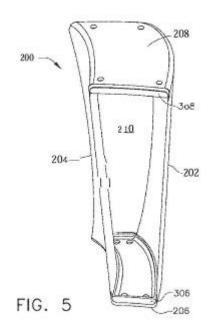
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DOUBLE FAN OUTLET GUIDE VANE WITH STRUCTURAL PLATFORMS

(51) International classification	:F01D9/04	(71)Name of Applicant:
(31) Priority Document No	:61/568976	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:09/12/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/068408	(72)Name of Inventor :
Filing Date	:07/12/2012	1)HASTING William Howard
(87) International Publication No	:WO 2013/086296	2)TUDOR Courtney James
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NIA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The assembly has a first guide vane having a first end a second end opposed to the first end and a second guide vane having a first end a second end opposed to its first end. A first end structure spans between the first guide vane first end and the second guide vane first end. A second end structure spans between the first guide vane second end and the second guide vane second end. The first guide vane the second guide vane the first end structure and the second end structure are integrally formed together to form a double vane with a continuous outer surface and a continuous inner surface.



No. of Pages: 35 No. of Claims: 23

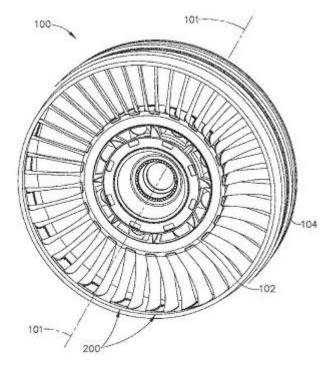
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FAN HUB FRAME DOUBLE OUTLET GUIDE VANE

(51) International classification	:F01D9/04	(71)Name of Applicant:
(31) Priority Document No	:61/568976	1)GENERAL ELECTRIC COMPANY
•		7
(32) Priority Date	:09/12/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/068400	(72)Name of Inventor:
Filing Date	:07/12/2012	1)HASTING William Howard
(87) International Publication No	:WO 2013/086291	2)TUDOR Courtney James
(61) Patent of Addition to Application	.NT A	
Number	:NA	
1 (41116-61	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fan hub frame comprises a circular hub having an opening extending axially wherein an engine core is capable of being positioned the circular hub having a radially outer surface the radial outer surface having a plurality of cradles each of the cradles having a lower surface and fillets disposed between the lower surface and upwardly extending sidewalls the cradles capable of receiving a double outlet guide vane.



No. of Pages: 33 No. of Claims: 10

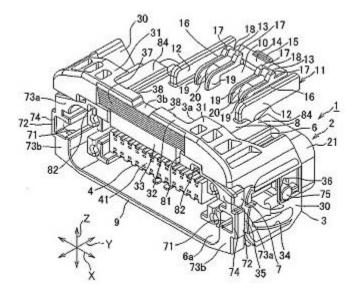
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LEVER TYPE CONNECTOR

(51) International classification	:H01R13/629	(71)Name of Applicant:
(31) Priority Document No	:2011255829	1)YAZAKI CORPORATION
(32) Priority Date	:24/11/2011	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088333 Japan
(86) International Application No	:PCT/JP2012/007429	(72)Name of Inventor:
Filing Date	:20/11/2012	1)SUZUKI Etsurou
(87) International Publication No	:WO 2013/076962	2)KONDO Yasuharu
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lever type connector preventing a lever from disengaging from a connector housing due to application of force and providing rigidity to withstand rotational operation of the lever without increasing size is provided. A lever type connector (1) includes a lever (3) having a pair of side plate portions (30) rotatably supported on walls on both sides (7) of a connector housing (2) and an operation portion (32) connecting the pair of side plate portions a latch portion (38) arranged on the operation portion an arm portion (13) extending from a rear end side (10) of an upper wall (8) of the connector housing and having a rearward extending free end and a latch receiving portion (18) provided on the free end to latch onto the latch portion. The operation portion includes an extended plate portion (33) opposed to the rear end side of the upper wall when the lever is rotated rearward from a standing state and the latch portion is latched onto the latch receiving portion and the extended plate portion covers an upper surface of the arm portion.



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

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: DEVICE FOR SUPPORTING AND OSCILLATING CONTINUOUS CASTING MOULDS IN **CONTINUOUS CASTING PLANTS**

(51) International classification :B22D11/053,B22D11/055 (71)Name of Applicant :

(31) Priority Document No :MI2011A002292 (32) Priority Date :16/12/2011

(33) Name of priority country :Italy

:PCT/IB2012/057338 (86) International Application No

Filing Date :14/12/2012 :WO 2013/088408

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ARVEDI STEEL ENGINEERING S.P.A.

Address of Applicant: Piazza Lodi 7 I 26100 Cremona CR

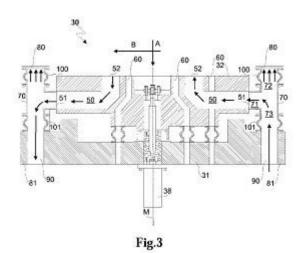
(72) Name of Inventor:

1)BIANCHI Andrea Teodoro

2)ARVEDI Giovanni

(57) Abstract:

A device (10) for supporting and oscillating continuous casting moulds in continuous casting plants comprises at least one support (30) suitable to support a continuous casting mould (40) said support (30) comprising a fixed assembly (31) restrained to a frame (20) of the device (10) and a movable assembly (32) that is slidably restrained to said fixed assembly (31) in a vertical direction (A) and connected to a servomechanism (38) suitable to move it in a reciprocating manner relative to the fixed assembly (31) along said axial direction (A) said movable assembly (32) comprising a plurality of channels (50 60) suitable to allow a flow of a cooling fluid to and from a cooling circuit of said mould (40) said channels (50 60) being supplied by supply pipes arranged along the vertical direction (A). The device(10) further comprises at least one connecting pipe (70) suitable to allow to connect a supply pipe said connecting pipe (70) having a T shape and comprising a first duct (71) rigidly connected to the movable assembly (32) in a horizontal direction (B) as well as a second and a third duct (72 73) extending from said first duct (71) in opposite ways along the vertical direction (A) said second and third ducts (72 73) being respectively connected to first and second end portions (80 81) of the fixed assembly (31) through further axially deformable ducts (100 101) and being respectively a blind duct (72) and a flow through duct (73) suitable to allow the cooling fluid to flow towards the first and the second ducts (71 72). The second and third ducts (72 73) and preferably also the first duct (71) of the at least one connecting pipe (70) have the same diameter of the supply pipes.



No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TREATMENT OF MANGANESE CONTAINING 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22B47/00 :61/593107 :31/01/2012 :U.S.A. :PCT/US2013/023777 :30/01/2013 :WO 2013/116290 :NA :NA :NA	(71)Name of Applicant: 1)DRINKARD RESEARCH AND DEVELOPMENT CORPORATION Address of Applicant: 321 Atando Avenue Charlotte NC 28206 U.S.A. (72)Name of Inventor: 1)DRINKARD William F. 2)WOERNER Hans J. 3)NIXON William M.
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(57) Abstract:

An improved method for treating manganese containing materials such as seafloor manganese nodules by leaching with aqueous HNO3 and NO gas and more particularly to methods for recovering valuable constituents from such nodules especially manganese cobalt nickel iron and copper. It also provides a method to leach manganese material to release the titanium vanadium cerium molybdenum and other metals from the manganese oxides and to make them available to be recovered.

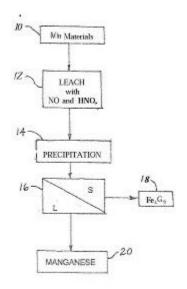


Fig. 1

No. of Pages: 15 No. of Claims: 23

(21) Application No.1232/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SOLID STATE SPEAKERS WITH METAL ALLOYS DOPED WITH NANO CARBONS

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant: 1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE, BALANAGAR, HYDERABAD, R.R. DISTRICT - 500 037
(86) International Application No		Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BANDA RAVI SANKAR 3)SANDEEP CHINNAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

No. of Pages: 7 No. of Claims: 5

[.] Abstract This instrument is made up of alloys of nitanol and inwar or similar type of any other metal alloy combinations. When source of sound is subject to interact with this material it acts like a reciprocal oscillator and transmit the sound waves. Entire system will be encapsulated in thin film metal foils, and it does not involve any magnets unlike conventional speakers.

(21) Application No.4635/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SECURITY FEATURE HAVING SEVERAL COMPONENTS

:WO 2013/091860

(51) International classification :C09D5/22,D21H21/48,B41M3/14 (71)Name of Applicant :

:10 2011 122 246.8 (31) Priority Document No

(32) Priority Date :23/12/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/005277 No

:19/12/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1) GIESECKE & DEVRIENT GMBH

Address of Applicant : Prinzregentenstrae 159 81677

M¹/₄nchen Germany (72) Name of Inventor: 1)GIERING Thomas 2) KECHT Johann

3)STEINLEIN Stephan

The invention relates to a security feature having a luminescent component and a component camouflaging the luminescent component. The invention is based on a security feature having a luminescent component that has at least one luminophore consisting of at least one doped host lattice and a component camouflaging the luminescence component wherein the camouflaging component has chemical elements that have structural chemical properties similar to the chemical elements of the luminescent component wherein the chemical elements of the camouflaging component and the chemical elements of the luminescent compartment are formed by different chemical elements.

No. of Pages: 25 No. of Claims: 15

(21) Application No.4636/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SECURITY FEATURE HAVING SEVERAL COMPONENTS

:C09D5/22,D21H21/48 (71)Name of Applicant : (51) International classification 1) GIESECKE & DEVRIENT GMBH (31) Priority Document No :10 2011 122 240.9 (32) Priority Date :23/12/2011 Address of Applicant: Prinzregentenstrae 159 81677 (33) Name of priority country :Germany M¹/₄nchen Germany (72) Name of Inventor: (86) International Application No :PCT/EP2012/005276 Filing Date :19/12/2012 1)GIERING Thomas (87) International Publication No :WO 2013/091859 2) KECHT Johann (61) Patent of Addition to Application 3)STEINLEIN Stephan :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a security feature comprising a luminescent component and a component masking the luminescent component. The invention is based on a security feature having a luminescent component that comprises at least one luminophore composed of a doped host lattice and a component masking the luminescent component. In order to mask the luminescent component relevant features required for an identification of the luminescent component are masked by the masking component in that the relevant features of the luminescent component i.e. the structure of the host lattice of the luminescent component the stoichiometry of the host lattice of the luminescent component the dopant or dopants of the luminescent components and the luminescence properties of the luminescent component are masked by way of the masking component in at least two particularly preferably in at least three most preferably in at least four of the relevant features in that the masking component is provided with relevant features that correspond with the respective relevant features of the luminescent component. Thus an identification of the luminescent component is made more difficult or is prevented.

No. of Pages: 34 No. of Claims: 19

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR GENERATING PRIME NUMBERS PROVEN SUITABLE FOR CHIP CARDS

 (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 	:G06F7/72 :1161739 :15/12/2011 :France :PCT/FR2012/052902 :12/12/2012 :WO 2013/088066 :NA	(71)Name of Applicant: 1)INSIDE SECURE Address of Applicant: Rue de la Carri re de Bachasson CS 70025 Arteparc Bachasson Bt. A F 13590 Meyreuil France (72)Name of Inventor: 1)FEIX Beno®t 2)CLAVIER Christophe 3)PAILLIER Pascal
` '		, ·

(57) Abstract:

The invention relates to a method for generating prime numbers which is implemented in an electronic device (DV) wherein the method includes steps of: calculating a candidate prime number (Pr) having a number of bits (L) using the formula Pr = 2P - R + 1 wherein P is a prime number and R is an integer; using the Pocklington primality test on the candidate prime number; rejecting the candidate prime number if it fails the Pocklington test; and generating the integer (R) from a multiplicative inverse (X) belonging to a set of multiplicative inverse elements modulo the product (Pv) of numbers (Qj) belonging to a group of small prime numbers greater than 2 so that the candidate prime number (Pr) is not divisible by any of the numbers from the group. The prime number P has a number of bits equal to a bit near one half or one third the number of bits of the candidate prime number.

No. of Pages: 43 No. of Claims: 18

(21) Application No.2074/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention: HARD LANDING DETECTOR FOR AIRCRAFT

 (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 	:NA :NA :NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LTD. Address of Applicant: AIRCRAFT RESEARCH AND DESIGN CENTRE (ARDC), DESIGN COMPLEX, MARATHALLI POST, BANGALORE - 560 037 Karnataka India (72)Name of Inventor: 1)A. PRABAKARAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	1)A. PRABAKARAN 2)S. SREENIVASA
Filing Date	:NA	

(57) Abstract:

This invention relates to aircraft landing phenomenon. The devise which is installed on the aircraft shock absorber, helps in detecting hard Landing. Landing gear shock absorbers are designed to absorb the aircraft vertical kinetic energies with controlled landing reactions at the time of landing. Landing gear & attachment brackets are subjected to this landing reaction which is to be contained within design limits. If however, due to some unforeseen circumstances, if the landing gears are subjected to higher reactions, it is mandatory to ground the aircraft for detailed inspection to identify the extent of damage & repairs required before clearing for flight. Hence detecting the aircraft Hard landing is crucial to decide on the criticality of the aircraft inspection requirements. Presently, the method followed to identify the aircraft hard landing is based on feed back from flight crew & pilots feel which is highly subjective. This invention enables clear identification of whether an aircraft did hard landing or not based on the shock absorber oil pressure which is a true representative of the landing reaction.

No. of Pages: 12 No. of Claims: 3

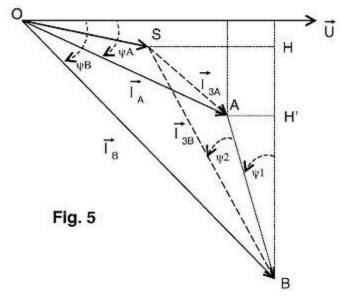
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR DETERMINING POWER CONSUMPTION IN AN ELECTRICAL INSTALLATION AND ALTERNATING CURRENT ELECTRICAL INSTALLATION

:G01R21/06,G01R21/133 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SCHNEIDER ELECTRIC INDUSTRIES SAS :1103955 (32) Priority Date Address of Applicant :35 rue Joseph Monier F 92500 Rueil :20/12/2011 (33) Name of priority country malmaison France :France (86) International Application No :PCT/FR2012/052829 (72) Name of Inventor: Filing Date :07/12/2012 1)BRUEL Marc (87) International Publication No :WO 2013/093280 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

According to the invention a group comprising a plurality of individual distribution branches connected in parallel is connected to an alternating current power supply. The method comprises the following steps in which: a) detection of a change in the electrical consumption of one specific branch among the branches; and b) determination of the individual power consumption of the specific branch based on a measurement of the total voltage (U) which is substantially constant during the change measurements of the intensity and phase shift values (I I) of the total current before and after the change and measurements of the intensities (l I) of the individual current in the specific branch before and after the change.



No. of Pages: 29 No. of Claims: 11

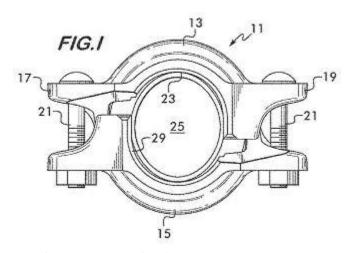
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COUPLING WITH PROJECTIONS HAVING ANGULARLY ORIENTED SURFACE PORTIONS

 (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 	:F16L23/18 :13/300756 :21/11/2011 :U.S.A. :PCT/US2012/064474 :09/11/2012 :WO 2013/078021 :NA :NA	(71)Name of Applicant: 1)VICTAULIC COMPANY Address of Applicant: 4901 Kessersville Road Easton PA 18040 U.S.A. (72)Name of Inventor: 1)BANCROFT Philip W.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A mechanical coupling for joining pipe elements has segments joined end to end each segment having projections with surface portions oriented angularly with respect to other surface portions to serve as a guide for the insertion of pipe elements between the segments when arranged in spaced apart relation around a ring gasket. A method of assembling a pipe joint includes engaging the surfaces with ends of the pipe elements and rotating the segments relative to one another to permit insertion.



No. of Pages: 24 No. of Claims: 28

(21) Application No.4544/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SULFURYL CHLORIDE AS CHLORINATING AGENT

(51) International :C07C17/25,C07C19/01,C07B39/00 classification

:61/579784 (31) Priority Document No (32) Priority Date :23/12/2011

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

(86) International Application :PCT/US2012/038634

:18/05/2012 Filing Date

(87) International Publication :WO 2013/095699

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland Michigan

48674 U.S.A.

(72)Name of Inventor:

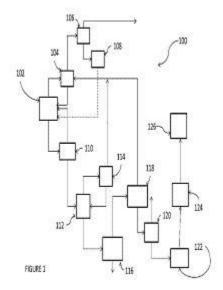
1)TIRTOWIDJOJO Max Markus 2) GRANDBOIS Matthew Lee

3)MYERS John D.

4)KRUPER William J. Jr

(57) Abstract:

The use of sulfuryl chloride either alone or in combination with chlorine as a chlorinating agent is disclosed.



No. of Pages: 31 No. of Claims: 15

(21) Application No.4641/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: REDUCING LATENCY AND COST IN RESILIENT CLOUD FILE SYSTEMS

:H04L29/08,G06F17/30 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/348243 1)ALCATEL LUCENT (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :11/01/2012 (33) Name of priority country :U.S.A. France (86) International Application No :PCT/US2013/020783 (72) Name of Inventor: Filing Date :09/01/2013 1)PUTTASWAMY NAGA Krishna (87) International Publication No :WO 2013/106400 2)NANDAGOPAL Thyaga (61) Patent of Addition to Application 3)MA Yadi :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Various exemplary embodiments relate to a method of storing a file block in a cloud system (130) including a plurality of data centers (135a f). The method may include: receiving the file block from a client 110a b); generating a plurality of chunks from the file block wherein each chunk is smaller than the file block and the file block may be reconstructed from a subset of the chunks; distributing each chunk to one of the plurality of data centers (135a f); and storing the file block in a cache. Various exemplary embodiments relate to a cloud system for storing files. The system may include a plurality of data centers including a primary data center. The primary data center may include: a cache configured to store at least one complete file block (260); a chunk storage configured to store a chunk for each of a plurality of file blocks (240); a file encoder (230); and a file decoder (250).

No. of Pages: 36 No. of Claims: 15

(21) Application No.1248/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYRINGE PUMP

(51) International classification(31) Priority Document No	:A61M5/00 :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • N.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAMRAJ JABEZ DHINAGAR
(61) Patent of Addition to Application Number	:NA	2)VINOD V JOSE
Filing Date	:NA	3)TUSHAR RAMESHWAR PARATE
(62) Divisional to Application Number	:NA	4)NILESHWAR PRAMILA RAO
Filing Date	:NA	

(57) Abstract:

The current invention describes a syringe pump 1 to pump fluid into a micro reactor at a very small rate. Further, it describes a low flow rate sensor that has been designed for measuring the flow rate of the syringe pump 1. Irrespective of the size of the syringe, the pump can control the flow rate accurately. The syringe pump 1 is capable of pumping the fluid at smaller flow rate ranging from 100 micro litres to 1000 micro litres inside the capillary reactor. The flow from the small capillary section breaks into drop. The size of the drop and the frequency of the drop formation is used to estimate the flow rate for measuring the flow rate from the syringe 111. Figure 1

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

(21) Application No.4545/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: USE OF OLEOGELS IN UV ABSORBER COMPOSITIONS

(51) International classification :A61K8/26,A61K8/37,A61Q17/04 (71)Name of Applicant: (31) Priority Document No :61/563048 1)BASF SE (32) Priority Date :23/11/2011 Address of Applicant: 67056 Ludwigshafen Germany (33) Name of priority country :U.S.A. (72) Name of Inventor: 1)HERZOG Bernd (86) International Application :PCT/EP2012/073095 2) DESHAYES Cyrille :20/11/2012 Filing Date (87) International Publication :WO 2013/076075 (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

Disclosed is the use of oleogels (a) for increasing the sun protection factor of sunscreens comprising at least one organic or inorganic UV filter (b).

No. of Pages: 29 No. of Claims: 25

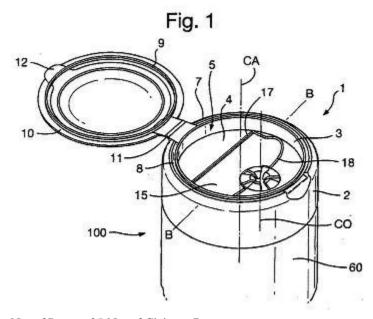
(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: IMPROVEMENTS IN DISPENSING CONTAINERS FOR WIPES

(51) International classification	:A47K10/38	(71)Name of Applicant:
(31) Priority Document No	:1120050.8	1)RECKITT BENCKISER LLC
(32) Priority Date	:21/11/2011	Address of Applicant :Morris Corporate Center IV 399
(33) Name of priority country	:U.K.	Interpace Parkway Parsippany New Jersey 07054 U.S.A.
(86) International Application No	:PCT/GB2012/052865	(72)Name of Inventor:
Filing Date	:20/11/2012	1)CRUDGE Andrew Dennis
(87) International Publication No	:WO 2013/076467	2)DELGIGANTE Jesse
(61) Patent of Addition to Application	:NA	3)EVANS Christopher Michael
Number	:NA	4)PADAIN Christopher Leonard
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a dispensing cap adapted to be removably or permanently affixed to a container which container contains a plurality of individual wipes interconnected to one another but separable along one or more perforations between individual wipes which dispensing cap (1) includes a partly stationary (4) and partly moveable plate (15) having a dispensing orifice (30) which is offset from the center part of the dispensing cap said dispensing orifice being surrounded by a plurality of individual flexible lobes a portion of the dispensing orifice being defined by the stationary plate part a further portion of the dispensing orifice being defined by a moveable hinged plate part of the dispensing orifice which is moveable along a hinge line (17) from which the hinged plate part depends from a part of the stationary plate and further wherein the hinged plate part includes a depending brace wall which extends downwardly from the hinged plate part from the underside thereof which brace wall is located at or near the periphery of the said remaining portion of the dispensing orifice present on the hinged plate part.



No. of Pages: 35 No. of Claims: 7

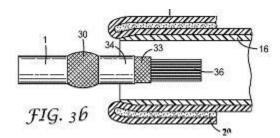
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LOW FRICTION SLEEVE FOR COLD SHRINK TUBE

(51) International classification	:H02G15/18	(71)Name of Applicant:
(31) Priority Document No	:61/577974	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:20/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/069984	(72)Name of Inventor:
Filing Date	:17/12/2012	1)GASSAWAY Kevin L.
(87) International Publication No	:WO 2013/096145	2)TAYLOR William L.
(61) Patent of Addition to Application	:NA	3)WENTZEL Carl J.
Number	:NA	4)MULVEY Kim P.
Filing Date	.11/1	5)NICKERSON James B.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an article comprising a flexible tube having an inner surface an outer surface a first end and a second end the inner surface at least partially covered with a low friction material. Also provided is an article comprising a cold shrinkable sleeve disposed on a tubular support core in a stretched condition at least a portion of the cold shrinkable sleeve folded such that at least one portion of the cold shrinkable sleeve overlaps another portion of the cold shrinkable sleeve wherein a flexible tube having an inner surface an outer surface a first end and a second end the inner surface at least partially covered with a low friction material is positioned between the overlapping portions of the cold shrinkable sleeve.



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

(21) Application No.4645/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ANTI ASIC1 ANTIBODIES AND USES THEREOF

(51) International :C07K16/18,A61K39/395,A61P29/00

classification (31) Priority Document No :61/592837

(31) Priority Document No :61/59283/ (32) Priority Date :31/01/2012

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

(86) International :PCT/US2013/023784

Application No :30/01/2013

Filing Date
(87) International

Publication No :WO 2013/116296

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)REGENERON PHARMACEUTICALS INC. Address of Applicant :777 Old Saw Mill River Road

Tarrytown NY 10591 U.S.A. (72)Name of Inventor:

1)MACDONALD Lynn

2)GAO Min

3)MORRA Marc. R.

4)ALESSANDRI HABER Nicole M. 5)LaCROIX FRALISH Michael L.

(57) Abstract:

The present invention provides antibodies and antigen binding fragments thereof that specifically bind to cells expressing acid sensing ion channel 1 (ASIC1). According to certain embodiments of the invention the antibodies inhibit acid induced ASIC1 mediated ion currents in cells expressing human ASIC1. The antibodies of the invention are useful for the treatment of pain including pain associated with surgical intervention and various diseases and disorders.

No. of Pages: 151 No. of Claims: 20

(21) Application No.1290/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TRAFFIC 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 	:NA :NA :NA :NA	(71)Name of Applicant: 1)K.V. SRINIVASAN Address of Applicant: NO. 15/16, SECOND FLOOR, ZENITH FLATS, BRINTHAVANAM STREET, MYLAPORE, CHENNAI - 600 004 Tamil Nadu India (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)K.V. SRINIVASAN

(57) Abstract:

The present invention relates to a traffic management system that schedules timings for vehicles based on destination points and allot pre-defined time slot for journey at source point. The traffic management system comprising master database; one or more RFID readers fixed at one or more passing points and one or more Tags. The RFID readers installed at the passing points read the tags fixed in the vehicles and data related to the vehicle is transferred and updated in transaction file. Based on the transaction file, the system creates master database file for each vehicle owner with one or more fields, said vehicle owner feeds input for set of fields into the master database through website. Remaining fields of the master database file are created based on the transaction file with respect to the passing points by taking minimum time and maximum time as input.

No. of Pages: 18 No. of Claims: 7

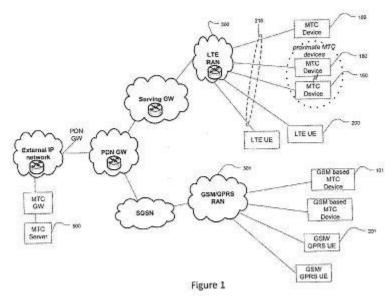
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: APPARATUS AND METHOD OF PROVIDING MACHINE TYPE COMMUNICATION

(51) International classification	:H04W /2/04,H04W 4/04,H04W 92/18	(71)Name of Applicant: 1)NEC CORPORATION
(31) Priority Document No	:2011904923	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(32) Priority Date	:25/11/2011	1088001 Japan
(33) Name of priority	:Australia	(72)Name of Inventor:
country	.7 Idstratia	1)NGUYEN Phong
(86) International	:PCT/JP2012/079579	2)SATHANANTHAN Satha
Application No	:08/11/2012	
Filing Date	.00/11/2012	
(87) International	:WO 2013/077235	
Publication No	.WO 2013/077233	
(61) Patent of Addition to	.NT A	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	27.1	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a wireless communications network providing a machine type communications (MTC) service a portion of a frequency spectrum is allocated to a MTC device to communicate between a base station and other MTC devices. MTC system information is transmitted/received from/to the MTC device through the portion of the frequency spectrum and may include channel information. The portion of the frequency spectrum may be used for a Long Term Evolution (LTE) wireless communication network.



No. of Pages: 30 No. of Claims: 23

(21) Application No.4551/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD RING & BEARING

(51) International :B23K11/04,C22C38/46,C22C38/48 classification

(31) Priority Document No :11009404 (32) Priority Date :20/12/2011 (33) Name of priority country: Sweden

(86) International Application :PCT/SE2012/000195

No

:26/11/2012 Filing Date

(87) International Publication :WO 2013/095246

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant: 1)AKTIEBOLAGET SKF

Address of Applicant: S 415 50 Gteborg Sweden

(72) Name of Inventor: 1)DAHLMAN Patrik 2) RECINA Viktor

(57) Abstract:

Method for manufacturing a component (14 26 28) from steel which comprises the step of flash butt welding the component (14 26 28). The steel has a reduction ratio of greater than 5:1.

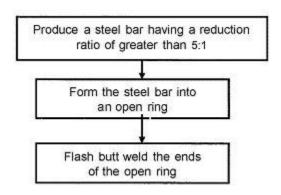


Fig. 5

No. of Pages: 16 No. of Claims: 17

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A STEEL COMPONENT BY FLASH BUTT WELDING AND A COMPONENT MADE BY USING THE METHOD

(51) International classification :B23K11/04,F16C33/64 (71)Name of Applicant : (31) Priority Document No 1)AKTIEBOLAGET SKF :11009396 Address of Applicant: S 415 50 Gteborg Sweden (32) Priority Date :20/12/2011 (33) Name of priority country (72)Name of Inventor: :Sweden (86) International Application No :PCT/SE2012/000194 1)DAHLMAN Patrik Filing Date :26/11/2012 2) RECINA Viktor (87) International Publication No :WO 2013/095245 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Method for manufacturing a steel component (14 30 32) having a flash butt weld joint which comprises the step of flash butt welding the joint. The method comprises the step of heating at least part of the component (14 30 32) to a temperature above the martensite start temperature (Ms) before and/or during said flash butt welding step.

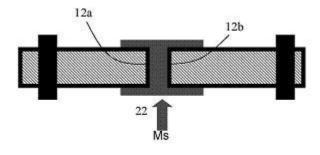


Fig. 3

No. of Pages: 21 No. of Claims: 16

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A STEEL COMPONENT BY FLASH BUTT WELDING AND A COMPONENT MADE BY USING THE METHOD.

(51) International classification: B23K11/04,C21D9/50,F16C33/64 (71) Name of Applicant:

(31) Priority Document No :11009388 (32) Priority Date :20/12/2011 (33) Name of priority country :Sweden

(86) International Application :PCT/SE2012/000193

:26/11/2012 Filing Date

(87) International Publication :WO 2013/095244

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)AKTIEBOLAGET SKF

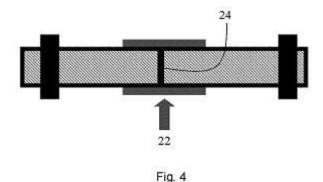
Address of Applicant: S 415 50 Gteborg Sweden

(72)Name of Inventor: 1)DAHLMAN Patrik 2) RECINA Viktor

3)LARSSON Staffan

(57) Abstract:

Method for manufacturing a steel component (14 30 32) having a flash butt welded joint (24) which comprises the step of flash butt welding the weld joint (24) by flashing and upsetting the weld. The method comprises the step of supplying heat (22) to at least the weld joint (24) of said component (14 30 32) after the step of upsetting the weld to increase the temperature of the weld joint (24) or to maintain the temperature of the weld joint (24) at an elevated temperature.



No. of Pages: 21 No. of Claims: 17

(21) Application No.4652/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : HUMAN GROWTH HORMONE RECEPTOR ANTAGONIST ANTIBODIES AND METHODS OF USE THEREOF

(51) International classification :C07K16/28,A61K39/395,A61P35/00

classification ...CO/RTO/28,AOTR39/393,AOTF

:NA

 (31) Priority Document No
 :61/579618

 (32) Priority Date
 :22/12/2011

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

country

(86) International Application No :PCT/IB2012/057151

Filing Date :10/12/2012

(87) International Publication No :WO 2013/093707

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number

NA

:NA
:NA
:NA

(71)Name of Applicant:

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Address of Applicant :230 East Grand Avenue South San

Francisco California 94080 U.S.A.

(72)Name of Inventor: 1)SIEBEL Sara Iva

2)PASCUA Edward Derrick

3)LIN Chia Yang

4) CHAPARRO RIGGERS Javier Fernando

(57) Abstract:

Filing Date

The present invention provides antagonizing antibodies that bind to growth hormone receptor (GHR). The invention further relates to therapeutic methods for use of these antibodies to reduce IGF 1 levels and/or for the treatment and/or prevention of diseases associated with excessive IGF 1 including treatment of acromegaly gigantism cancer diabetic nephropathy arthritis and lung inflammation.

No. of Pages: 181 No. of Claims: 27

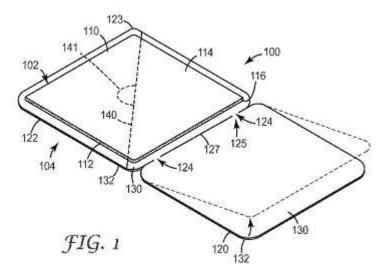
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : ADHESIVE PATCH ASSEMBLY WITH OVERLAY LINER AND SYSTEM AND METHOD FOR MAKING SAME

(51) International classification (31) Priority Document No	:C09J7/02,A61F13/02,A61F13/00 :61/578567	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:21/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/069037 :12/12/2012	(72)Name of Inventor : 1)KNUTSON Gordon P.
(87) International Publication No	:WO 2013/096027	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An adhesive patch assembly and method for making same. The assembly can include an adhesive patch and a release liner. The patch can include a backing and a skin contact adhesive. The release liner can further include a first portion and a second portion separated by a hinge. The first portion can be positioned to overlay the backing of the patch when the release liner is folded upon the hinge and the second portion can be positioned to underlie the skin contact adhesive of the patch. The method can include positioning the patch on the release liner such that patch is located on one of the first portion and the second portion of the release liner; and folding the release liner about to locate the patch between the first portion and the second portion of the release liner.



No. of Pages: 36 No. of Claims: 37

(21) Application No.4649/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention : DETERMINING CACHE HIT/MISS OF ALIASED ADDRESSES IN VIRTUALLY TAGGED CACHE(S) AND RELATED SYSTEMS AND METHODS

 (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 		 (71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)DIEFFENDERFER James Norris 2)CLANCY Robert D 3)SPEIER Thomas Philip
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(57) Abstract:

Apparatuses and related systems and methods for determining cache hit/miss of aliased addresses in virtually tagged cache(s) are disclosed. In one embodiment a virtual aliasing cache hit/miss detector for a VIVT cache is provided. The detector comprises a TLB configured to receive a first virtual address and a second virtual address from the VIVT cache resulting from an indexed read into the VIVT cache based on the first virtual address. The TLB is further configured to generate first and second physical addresses translated from the first and second virtual addresses respectively. The detector further comprises a comparator configured to receive the first and second physical addresses and effectuate a generation of an aliased cache hit/miss indicator based on a comparison of the first and second physical addresses. In this manner the virtual aliasing cache hit/miss detector correctly generates cache hits and cache misses even in the presence of aliased addressing.

No. of Pages: 36 No. of Claims: 31

(21) Application No.4650/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : HIGH ACCURACY SIN COS WAVE AND FREQUENCY GENERATORS AND RELATED SYSTEMS AND METHODS

 (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 	:61/587689 :18/01/2012 :U.S.A. :PCT/US2013/021844 :17/01/2013 :WO 2013/109694 :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)HOYLE David J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

High accuracy sin cos wave and frequency generators and related systems and methods. In non limiting embodiments disclosed herein the sin cos wave generators can provide highly accurate sin cos values for sin cos wave generation with low hardware costs and small lookup table requirements. The embodiments disclosed herein may include a circuit to conduct an arithmetic approximation of a sin cos curve based on a phase input. The circuit may be in communication with a point lookup table and a correction lookup table. The tables may receive the phase input and match the phase input to main sin cos endpoints associated with the phase and to a correction value for the phase. These values which are selected based on the phase input may be communicated to a converter circuit where the arithmetic functions are applied to the values resulting in a sin cos curve value.

No. of Pages: 38 No. of Claims: 27

(21) Application No.4651/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: EFFICIENT CODE DISPATCH BASED ON PERFORMANCE AND ENERGY CONSUMPTION

 (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 	:13/352670 :18/01/2012 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)MICHALAK Gerald Paul 2)BONTEMPS Fredrick Joseph
11		2)BONTEMPS Fredrick Joseph
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multiplexer selects one of a plurality of sense outputs from sensing circuits. Each of the sensing circuits is located in a corresponding one of voltage regulators supplying power to processors in a subsystem. The corresponding one of voltage regulators is associated with one of processors. An analog to digital converter converts the selected one of the plurality of sense outputs to a digital parameter representing energy consumption of the one of the processors associated with the corresponding one of the voltage regulators. The energy consumption is used for dispatching a dynamically generated code.

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

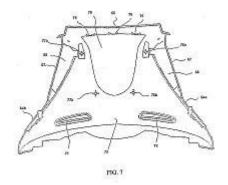
(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A REAR CENTRE COVER SUB-ASSEMBLY

(51) International classification	:B62J6/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YOGESH CHANDRAKANT KOTNIS
(61) Patent of Addition to Application Number	:NA	2)RAJAMANI RAVISANKAR
Filing Date	:NA	3)KURMAM SHANMUKHA PRADEEP
(62) Divisional to Application Number	:NA	4)NITHIN MADHAV
Filing Date	:NA	5)KESHAVA PRASAD KESHAVA DATT

(57) Abstract:

ABSTRACT The present subject matter discloses a rear centre cover sub-assembly for a saddle type vehicle comprising a rear centre cover (60) and a rear lamp (51) forming part of a non-unitary rear light unit. The rear centre cover (60) further comprises of a central opening (70) to accommodate the rear lamp (51) and a license plate illuminator cover (91) protruding rearwardly from an outer surface (74) to cover a license plate illuminator (92). The rear lamp (51) is secured to the rear centre cover (60) through at least one hook means (76) and a plurality of bosses (77a, 77b, 78a, 78b) both protruding forwardly from the inner surface (73). The rear centre cover sub-assembly is supported on, and secured to, a left side cover (41) and a right side cover (42) through a plurality of connecting edge portions (64a, 64b) provided in the rear centre cover (60). [Abstract to be published with FIG. 7]



No. of Pages: 28 No. of Claims: 9

(21) Application No.4555/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MALEIMIDE RESINS

(51) International classification	:C08K5/42,C08L79/08	(71)Name of Applicant:
(31) Priority Document No	:61/579561	1)CYTEC INDUSTRIES INC.
(32) Priority Date	:22/12/2011	Address of Applicant :5 Garret Mountain Plaza Woodland
(33) Name of priority country	:U.S.A.	Park NJ 07424 U.S.A.
(86) International Application No	:PCT/US2012/070751	(72)Name of Inventor:
Filing Date	:20/12/2012	1)WARD Steven Richard
(87) International Publication No	:WO 2013/096523	2)CROSS Paul Mark
(61) Patent of Addition to Application	:NA	3)MASKELL Robin
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A curable polymer composition comprising: (A) a thermoset maleimide resin precursor component; and further comprising one or both of: (B) an arylsulphone containing maleimide component; and (C) a polyarylpolymer thermoplastic toughening agent component wherein in the absence of component (B) said component (C) comprises one or more maleimide pendant and/or end groups and thermoset resins and composites derived therefrom.

No. of Pages: 56 No. of Claims: 43

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FLEXIBLE CURRENT SENSOR ARRANGEMENT

 (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 	:G01R15/18 :1122328.6 :23/12/2011 :U.K. :PCT/GB2012/053257 :21/12/2012 :WO 2013/093516 :NA :NA	(71)Name of Applicant: 1)SENTEC LTD Address of Applicant: 5 The Westbrook Centre Milton Road Cambridge Cambridgeshire CB4 1YG U.K. (72)Name of Inventor: 1)DAMES Andrew Nicholas 2)PRICE Mathew 3)DAVIDSON Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flexible current sensor arrangement comprises a plurality of discrete current sensing elements distributed along an elongate flexible carrier. An elongate flexible member for a current sensor arrangement comprises a plurality of carrying portions linked to one another by hinge portions each carrying portion being configured for receiving a discrete current sensing element. A method of manufacturing a flexible current sensor arrangement comprises providing an elongate flexible carrier and distributing a plurality of discrete sensing elements along the elongate flexible carrier.

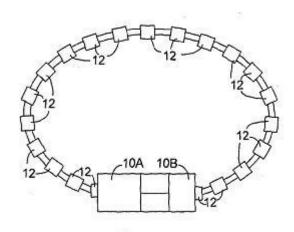


Figure 1C

No. of Pages: 44 No. of Claims: 20

(21) Application No.4656/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PREPARATION OF A ETHYLENICALLY UNSATURATED CARBOXYLIC SALTS BY CATALYTIC CARBOXYLATION OF ALKENES

(51) International :C07C51/15,C07C51/41,C07B41/08

classification

(31) Priority Document No :11196025.8 (32) Priority Date :29/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/IB2012/057750

No

:27/12/2012 Filing Date

(87) International Publication: WO 2013/098772

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71) Name of Applicant:

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Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:

1)LIMBACH Michael

2)LINDNER Ronald

3)LEJKOWSKI Michael Ludwik

4)KAGEYAMA Takeharu 5)BODIZS Gabriella Eva

6)SCHUNK Stephan

7) FUTTER Cornelia

8)ROTHER Jrg

(57) Abstract:

a 2 a a tertIn a process for preparing an alkalimetalor alkaline earth metal salt of an ethylenically unsaturated carboxylic acid a)a transition metal alkene complex is reacted with COto give a metallalactone b)the metallalactone is reacted with a base to give an adduct of the alkalimetal or alkaline earth metal salt of the ethylenically unsaturated carboxylic acid with the transition metal complex and c)the adduct is reacted with an alkene to release the alkalimetalor alkaline earth metalsalt of the ethylenically unsaturated carboxylic acid and regenerate the transition metal alkene complex. The baseis selected from alkalimetal or alkaline earth metal hydroxides and alkali metal or alkaline earth metal superbases. The alkene is for example ethene. The transition metal complex comprises for example nickel and a bidentate PPPNPO or P carbene ligand such as 12 bis(di butylphosphino)ethane.

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

(21) Application No.4657/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PUMP SAFETY DEVICE FOR VARIOUS CONTAINERS

(51) International classification :A45D34/00,B65D47/34,B65D83/76

(31) Priority Document No :1020120030935

(31) Priority Document No :1020120030935 (32) Priority Date :27/03/2012

(33) Name of priority country :Republic of Korea

(86) International

Application No :PCT/KR2012/009548

Filing Date :13/11/2012

(87) International Publication: WO 2013/147386

(61) Patent of Addition to
Application Number
:NA

Filing Date
(62) Divisional to

Application Number Filing Date :NA (71)Name of Applicant :

1)KIM Young Ho

Address of Applicant :515 dong 1601 ho 816 Geumharo

Geumcheon gu Seoul 153 766 Republic of Korea

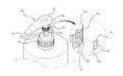
2)KIM Bo Mi

(72)Name of Inventor:

1)KIM Yong Jun

(57) Abstract:

The present invention relates to a pump safety device for various containers and more particularly to a pump safety device for various containers in which a controlling member and a safety pin are installed in the pumps of various containers for cosmetics shampoo dishwashing detergents or the like so that the amount of the contents discharged from the container can be freely controlled and the pump can be safely fixed. The present invention comprises a pumping means coupled to the upper portion of the container in which the contents are contained so as to draw the contents upward. The pumping means includes a push button at the upper portion a discharge pipe integrally formed therewith in such a manner as to extend and protrude toward one side of the push button in order to discharge the contents to the outside and a cylinder portion installed outside a support tube body coupled to the lower portion of the push button. A cap and a lid are installed on the upper side of the cylinder portion and the lid is coupled to the upper portion of the container in which the contents are contained in order to form the container wherein an internal thread portion is provided inside the cap and a controlling member is provided in such a manner as to be connected to the internal thread portion of the cap and installed in the upper portion of the cap in a vertically movable manner.



No. of Pages: 24 No. of Claims: 4

(21) Application No.4573/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AUTO CALIBRATION OF BLINDS SYSTEMS IN BUILDINGS

(51) International classification	:E06B9/68,E06B9/32	(71)Name of Applicant:
(31) Priority Document No	:61/567736	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:07/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056647	(72)Name of Inventor:
Filing Date	:23/11/2012	1)DIEDERIKS Elmo Marcus Attila
(87) International Publication No	:WO 2013/084102	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a control system for automatic calibration of a blinds system installed in a room comprising: a controller (1 8 9) having a memory a clock and a processor an occupancy sensor (2 7) an interior light sensor (3 7) an exterior light sensor (4). The control system is characterised in that the control system is arranged to run an automated calibration of the blinds system when the exterior light sensor indicates an outside light level above a predetermined threshold the occupancy sensor indicates that no person is present in the room and a predetermined time has passed since the last calibration. The invention further relates to a method for automatic calibration of a blinds system installed in a room using a control system comprising a controller (1 8 9) having a memory a clock and a processor an occupancy sensor (2 7) an interior light sensor (3 7) an exterior light sensor (4) the method comprising the step of: running an automated calibration of the blinds system when the exterior light sensor (4) indicates an outside light level above a predetermined threshold the occupancy sensor (2 7) indicates that no person is present in the room and a predetermined time has passed since the last calibration.

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

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR POWER AWARE RECEIVE DIVERSITY 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 	:20/12/2012 :WO 2013/101680 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)GOPALAN Ravi 2)RAO Varsha S. 3)KANAMARLAPUDI Sitaramanjaneyulu
Filing Date	:NA :NA	

(57) Abstract:

While a user equipment (UE) is in a connected mode the UE may receive only a limited quantity of data. During this phase a receive diversity configuration may not be enabled in an effort to conserve power on the UE side. However in marginal signal conditions and a poor radio environment downlink performance at the UE side may be enhanced by enabling receive diversity irrespective of the limited data received by the UE. However while receive diversity may improve the signal to noise ratio (SNR) at the UE end in marginal signal conditions the UE may also incur a penalty on power consumption. Therefore certain aspects of the present disclosure provide techniques for dynamically controlling the receive diversity of a wireless device to improve the downlink procedure performance while minimizing power consumption due to the usage of a second receive chain when in connected mode.

No. of Pages: 32 No. of Claims: 36

(21) Application No.4677/CHENP/2014 A

(19) INDIA

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: A DIRECT CURRENT (DC) TRANSMISSION SYSTEM COMPRISING A THICKNESS CONTROLLED LAMINATED INSULATION LAYER AND METHOD OF MANUFACTURING

(51) International :H01B9/06,H02G15/103,H01B7/02 classification

(31) Priority Document No (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/EP2011/071034

No

:25/11/2011 Filing Date

(87) International Publication

:WO 2013/075756

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ABB RESEARCH LTD

Address of Applicant: Affolternstrasse 44 Switzerland Z¹/₄rich

8050 Switzerland (72) Name of Inventor:

1)LIU Rongsheng

(57) Abstract:

The present invention relates to a direct current transmission system (1) and a method for preparation comprising an electrical conductor layer (2) an inner semiconductive layer (3) covering the conductor layer an insulation layer provided on the semi conductive layer comprising laminated polymer material and impregnated with a high viscosity fluid and comprising an inner part (4) a middle part (5) an outer part (6) and an outer semi conductive layer (7) covering the insulation layer. The inner part has a first thickness the middle part has a second thickness and the outer part has a third thickness whereby the second thickness is greater than the first thickness and greater than the third thickness. The laminated polymer material within each parts has a constant thickness and constant ratio of polymer to laminated material and wherein at least one of the parts has a thickness ratio of less than 35%.

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

(21) Application No.4565/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SOLAR COLLECTOR

(51) International classification	:F24J2/12,B21D28/02,B21D28/14	
(31) Priority Document No	:2762825	1)ARBESMAN Ray
(32) Priority Date	:29/12/2011	Address of Applicant :42 Burton Road Toronto Ontario M5P
(33) Name of priority country	:Canada	1V2 Canada
(86) International Application No Filing Date	:PCT/CA2012/001080 :23/11/2012	2)PHAM Nghi 3)BACHLI Albert (72)Name of Inventor:
(87) International Publication No	:WO 2013/097029	1)ARBESMAN Ray 2)PHAM Nghi
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	3)BACHLI Albert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solar collector array is disclosed. The array has a plurality of thin walled dishes interconnected by unitary webbing. The dishes and the webbing are formed from a single metallic sheet. Each dish is pressed into a symmetric parabolic surface that concentrates incident light to a position in front of the dish.

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

(21) Application No.4566/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DETERMINING SOCIAL SENTIMENT USING PHYSIOLOGICAL DATA

 (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 	:G06F19/00 :61/722857 :06/11/2012 :U.S.A. :PCT/US2013/068205 :04/11/2013 :WO 2014/074426 :NA :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant:2200 Mission College Boulevard Santa Clara California 95054 U.S.A. (72)Name of Inventor: 1)LANGE Daniel H.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and systems for predicting social sentiment of one or more persons using physiological data. In certain embodiments a method involves receiving the data from one or more persons at a computing device analyzing the data determining indicator data relating to social sentiment of the one or more persons such that the indicator data is determined from the data and displaying and/or transmitting the indicator data. The computing device may include a server or some other remote computing device. The physiological data may be received over a network and/or transmitted over the same or different network. In certain embodiments the indicator data includes advance warning information.

No. of Pages: 29 No. of Claims: 25

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: IMPROVED DEVICE FOR THE EXTRACTION OF SULPHUR COMPOUNDS COMPRISING A FIRST PRE TREATMENT REACTOR OPERATING IN A NON CONTINUOUS MANNER FOLLOWED BY A SECOND PISTON TYPE PRE TREATMENT REACTOR

(51) International

:C10G19/02,C10G21/30,C10G21/08

classification (31) Priority Document No

:11/03593 :24/11/2011

(32) Priority Date (33) Name of priority country: France

(86) International Application No

:PCT/FR2012/000417

Filing Date

:16/10/2012

(87) International Publication :WO 2013/076383

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71) Name of Applicant:

1)IFP ENERGIES NOUVELLES

Address of Applicant : Dpartement Proprit Industrielle 1 & 4 avenue de Bois Prau F 92852 Rueil Malmaison Cedex France

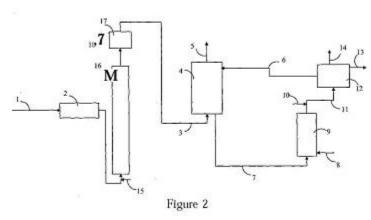
(72) Name of Inventor:

1)AUGIER Frdric 2)BAUDOT Arnaud 3)GAZARIAN Jrmy

4)LEINEKUGEL LE COCQ Damien

(57) Abstract:

The invention relates to a method for extracting sulphur compounds from an LPG or petrol type hydrocarbon fraction by means of liquid liquid extraction with a soda solution using a pre treatment unit (2) for pre treating the feedstock to be treated placed upstream of the soda based extraction unit (4) said pre treatment unit being formed by a first non continuous pre treatment reactor followed by a second piston type continuous reactor operating in piston mode.



No. of Pages: 22 No. of Claims: 5

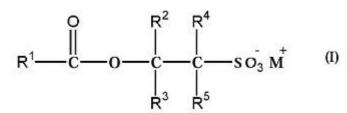
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND COMPOSITIONS

(51) International classification :C11D1/12,C11D9/00,C11D17/00 (71)Name of Applicant: (31) Priority Document No 1)INNOSPEC LIMITED :61/579075 (32) Priority Date :22/12/2011 Address of Applicant :Innospec Manufacturing Park Oil Sites (33) Name of priority country Road Ellesmere Port Cheshire CH65 4EY U.K. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/GB2012/053205 1)NUCCI John No :20/12/2012 Filing Date 2)OCONNOR Stephen Moss (87) International Publication :WO 2013/093473 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method of improving the rinsability of a cleansing composition comprising an isethionate ester surfactant of formula RCOOCHCHS0M the method comprising incorporating into the composition one or more compounds of formula (I) wherein R and R each independently represents a C substituted or unsubstituted hydrocarbyl group; each of R R R and R independently represents a hydrogen atom or a C alkyl group and wherein at least one of R R R and R is not hydrogen and M+ represents a cation.



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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: OLEFIN BLOCK COPOLYMER BASED PRESSURE SENSITIVE ADHESIVES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C09J123/00,C09J11/00,C09J7/02 :61/579302 :22/12/2011 :U.S.A.	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 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/US2012/069361 :13/12/2012 :WO 2013/096068 :NA :NA :NA	(72)Name of Inventor: 1)WANG Shujun J. 2)SETH Jayshree 3)MA Jingjing 4)WOLTERS Mark A. 5)BHARTI Vivek 6)BANY Stephen W.

(57) Abstract:

Composition blends are prepared that are hot melt processable pressure sensitive adhesives. The composition blends include at least one olefinic block copolymer at least one elastomeric polymer and at least one tackifying resin. The composition blends may also include additional components such as for example at least one plasticizer. The composition blends can be used to prepare articles such as tapes by disposing the hot melt processable pressure sensitive adhesive blend composition on at least a portion of a substrate

No. of Pages: 26 No. of Claims: 20

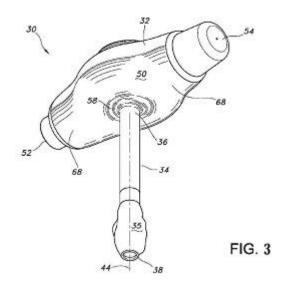
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED BASE FOR AN ENTERAL FEEDING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61J15/00 :13/334258 :22/12/2011 :U.S.A. :PCT/IB2012/056426	(71)Name of Applicant: 1)KIMBERLY CLARK WORLDWIDE INC. Address of Applicant: Neenah Wisconsin 54956 U.S.A. (72)Name of Inventor: 1)GRIFFITH Nathan C.
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application	:PC1/IB2012/056426 :14/11/2012 :WO 2013/093665	1)GRIFFTTH Nathan C. 2)MCMICHAEL Donald J. 3)ROTELLA John A.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An enteral feeding device having an improved base adapted to be deployed outside the human body and a tube which is adapted to be deployed within a lumen or cavity of the body by insertion through a stoma from outside the body is disclosed. The base of the device has a recess directly surrounding at least a portion of the proximal end of the tube to permit increase air flow and minimize contact with the tissue immediately surrounding the stoma to facilitate tissue wellness and reduce patient side effects due to moisture build up skin irritation and granulation of the stoma tissue.



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

(21) Application No.4582/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IL 1 BINDING PROTEINS

 (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 	:A61K39/395 :61/562245 :21/11/2011 :U.S.A. :PCT/US2012/065872 :19/11/2012 :WO 2013/078135 :NA :NA	(71)Name of Applicant: 1)ABBVIE INC. Address of Applicant: 1 North Waukegan Road North Chicago Illinois 60064 U.S.A. (72)Name of Inventor: 1)TARCSA Edit
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Proteins that bind IL 1a and IL 1 are described along with their use in compositions and methods for treating preventing and diagnosing IL 1 related disorders and for detecting IL 1a and IL 1 in cells tissues samples and compositions.

No. of Pages: 378 No. of Claims: 43

(21) Application No.4583/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: REVERSE OSMOSIS TREATMENT DEVICE

(51) International :B01D61/06,B01D61/12,B01D61/58 classification

(31) Priority Document No

:2011277238 (32) Priority Date :19/12/2011 (33) Name of priority country: Japan

(86) International :PCT/JP2012/081665

Application No :06/12/2012 Filing Date

(87) International Publication :WO 2013/094427

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)HITACHI LTD.

Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku

Tokyo 1008280 Japan (72) Name of Inventor: 1)KITAMURA Kotaro 2)YOSHIKAWA Shinichi

3)MIYAKAWA Hiroki

(57) Abstract:

The present invention is a reverse osmosis treatment device equipped with a first vessel (80) for subjecting water to be treated to a primary treatment and a second vessel (82) for subjecting water to be treated which has been treated by the primary treatment to a secondary treatment wherein: the interiors of the first and second vessels (80 82) are each provided with an element (22) equipped with a reverse osmosis membrane or a plurality of said elements connected in series by a water collecting pipe; the first vessel (80) has a first discharge pipe for discharging permeated water and a permeated water flow adjustment valve (64) for adjusting the pressure inside the first vessel (80) and connected to the first discharge pipe; and an energy recovery device (150) is positioned between the first discharge pipe and the permeated water flow adjustment valve (64).

No. of Pages: 40 No. of Claims: 8

(21) Application No.4584/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE BODY SUPERSTRUCTURE

 (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 	:B62D25/06 :2011257511 :25/11/2011 :Japan :PCT/JP2012/075335 :01/10/2012 :WO 2013/077085	(71)Name of Applicant: 1)HONDA MOTOR CO. LTD. Address of Applicant: 1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor: 1)MATSUURA Hirokazu 2)YAGUCHI Masami
, ,		
(87) International Publication No		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This vehicle body superstructure has a roof side rail (34) that is provided with: a rail flange (61) upon which a roof panel (15) is mounted; a vertical rail wall (64) that hangs down from the outer end (61a) of the rail flange in the vehicle width direction; a bottom rail wall (65) that extends from the lower end (64a) of the vertical rail wall (64) to the outside in the vehicle width direction; and a bulging section (66) formed by allowing the bottom rail wall (65) and the vertical rail wall (64) to bulge toward the center in the vehicle width direction in order to accommodate a slide rail (51) for a sliding door (21). The outer end (16a) of a roof arch (16) in the vehicle width direction is joined to the bulging section (66). First arch flanges (71 71) are joined on the lower surface (61b) side of the rail flange (61). Second arch flanges (72 72) are joined on the lower surface (65b) side of the bottom rail wall (65).

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

(21) Application No.4585/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE BODY SIDE SECTION STRUCTURE

:NA

:NA

:B62D25/04,B62D25/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HONDA MOTOR CO. LTD. :2011257700 (32) Priority Date Address of Applicant: 1 1 Minami Aoyama 2 chome Minato :25/11/2011 (33) Name of priority country ku Tokyo 1078556 Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2012/076333 Filing Date :11/10/2012 1)YASUKATA Hitomi (87) International Publication No :WO 2013/077103 2)NAKAMINE Norihiko (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract:

Filing Date

Disclosed is a vehicle body side section structure provided with a bracket (48) that is disposed on a connection section (99) between a roof side rail (34) and a center pillar (24). The bracket (48) comprises a rail side member (121) that is joined to the roof side rail (34) and forms a rail closed section (135) in the gap with the roof side rail (34) a pillar side member (122) that is joined to the center pillar (24) and forms a pillar closed section (145) in the gap with the center pillar (24) and a linking member (123) that links the rail side member (121) and the pillar side member (122) on the forward side of a forward end wall section (67).

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

(62) Divisional to Application Number

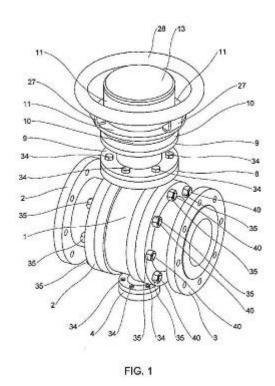
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROTARY VALVE ADAPTER ASSEMBLY WITH PLANETARY GEAR SYSTEM

:F16K31/08 :13/310733	(71)Name of Applicant: 1)BIG HORN VALVE INC.
:03/12/2011	Address of Applicant :1664 Terra Ave. #5 Sheridan WY
:U.S.A.	82801 U.S.A.
:PCT/US2012/066816	(72)Name of Inventor:
:28/11/2012	1)BURGESS Kevin
:WO 2013/082128	2)YAKOS David
:NA :NA :NA	3)WALTHALL Bryan
	:13/310733 :03/12/2011 :U.S.A. :PCT/US2012/066816 :28/11/2012 :WO 2013/082128 :NA :NA

(57) Abstract:

A rotary valve adapter assembly comprising an adapter plate configured to attach to a rotary valve body a torque multiplier assembly comprising one or more planetary gear subassemblies each of which composes a sun gear a ring gear and a plurality of planetary gears a. magnetic actuator assembly comprising two sets of magnetically coupled magnets and a shah; The magnetic actuator assembly Interfaces with the torque multiplier assembly such that when the magnets of the magnetic actuator assembly rotate they cause the sun gear of a first planetary gear subassembly to rotate and the planetary gears to walk on the ring gear. When the carrier of the first planetary gear subassembly rotates it causes the sun gear of a second planetary gear subassembly to rotate. When the carrier of the second planetary gear subassembly rotates the shall also nutates thereby causing the valve to open and close.



No. of Pages: 63 No. of Claims: 43

(21) Application No.4578/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ACTUATOR FOR LIFT BRAKE

 (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 	:B66B5/18 :11194963.2 :21/12/2011 :EPO :PCT/EP2012/074702 :06/12/2012 :WO 2013/092239 :NA :NA	(71)Name of Applicant: 1)INVENTIO AG Address of Applicant: Seestrasse 55 CH 6052 Hergiswil Switzerland (72)Name of Inventor: 1)HUSMANN Josef
- 14	:NA :NA :NA	

(57) Abstract:

A braking device of a lift installation is actuated and also reset by means of an electric actuator (20). The electromechanical actuator (20) contains an energy store (40) a retaining device (30) a resetting device (60) and at least one connecting element (26 25) for connecting the actuator (20) to the brake (13 13). The resetting device (60) retains the connecting element (26 25) via the retaining device (30) and counter to the action of the energy store (40) in a first operating position corresponding to a standby position of the brake (13 13) or guides the actuator (20) back into this position. The energy store (40) acts as required upon release of the retaining device (30) on the connecting element (26 25) in order to actuate the brake (13 13) and to bring it into a corresponding engagement position. The resetting device (60) has a recoil prevention means (61) the resetting device (60) therefore being relieved of recoil forces. As an alternative or in addition the energy store (40) has a stop buffer (53) and this therefore reduces the force impact when the energy store (40) strikes an end position.

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

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: BUMPLESS BUILD UP LAYER PACKAGE INCLUDING AN INTEGRATED HEAT SPREADER

(51) International :H01L23/36,H01L23/48,H01L23/12 classification

(31) Priority Document No :13/631205 (32) Priority Date :28/09/2012

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

(86) International Application :PCT/US2013/044001

:04/06/2013 Filing Date

(87) International Publication :WO 2014/051714

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)INTEL CORPORATION

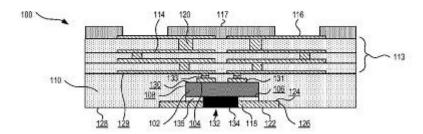
Address of Applicant :2200 Mission College Blvd. Santa Clara

California 85054 U.S.A. (72) Name of Inventor: 1)TEH Weng Hong 2)KULKARNI Deepak

3)CHIU Chia Pin 4)HARIRCHIAN Tannaz

5)GUZEK John S.

An example includes a die package including a microelectronic die having a lower die surface an upper die surface parallel to the lower die surface and a die side the microelectronic die including an active region and an inactive region. The example optionally includes a heat spreader having a lower heat spreader surface an upper heat spreader surface parallel to the lower heat spreader surface and at least one heat spreader side the heat spreader disposed on the upper surface of the microelectronic die in thermal communication with the inactive region of the die and electrically insulated from the active region. The example optionally includes an encapsulation material encapsulating the die side and the heat spreader side and lower heat spreader surface the encapsulation material including a lower surface substantially parallel to the die lower surface and an upper surface substantially parallel to the die upper surface.



No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BLOW MOULDABLE POLYAMIDE COMPOUNDS

:WO 2013/075982

(51) International :C08L77/00,C08L23/08,C08L25/08

:NA

classification (21) Priority Document No.

(31) Priority Document No :11190751.5 (32) Priority Date :25/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/072531

No :14/11/2012 Filing Date

(87) International Publication

No.

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:
1)GABRIEL Claus
2)PRUSTY Manoranjan

3)BAUMERT Martin 4)GNTHERBERG Norbert

(57) Abstract:

1Thermoplastic moulding compounds containing A) 10 to 99.7 wt% of a polyamide B) 1 to 30 wt% of an impact modifier C) 0.1 to 10 wt% of a copolymer consisting of C1) 50 to 95 wt% styrene or substituted styrenes of general formula (I) or mixtures thereof wherein R is an alkyl radical with 1 to 8 C atoms or a hydrogen atom and R is an alkyl radical with 1 to 8 C atoms and n has the value 0 1 2 or 3 and C2) 5 to 50 wt% structural units derived from one or more dicarboxylic acid anhydrides D) 0.001 to 20 wt% iron powder E) 0.05 to 3 wt% of a copper containing stabiliser F) 100 ppm to 5 wt% of a polyethyleneimine homopolymer or copolymer H) 0 to 60 wt% of other additives wherein the sum total of weight percentages A) to H) amounts to 100%.

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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: OPERATION LOGIC OF AN ORGANIC MATERIAL THERMOHYDROLYSIS 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 	:C02F11/10 :1020110138957 :21/12/2011 :Republic of Korea :PCT/KR2012/008167 :09/10/2012 :WO 2013/094859 :NA :NA	(71)Name of Applicant: 1)KANG Seok woong Address of Applicant: 307 902 Saemmaeul Apt. Galsan dong Dongan gu Anyang si Gyeonggi do 431 088 Republic of Korea (72)Name of Inventor: 1)KANG Seok woong
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(57) Abstract:

The present invention relates to the operation logic of an organic thermohydrolysis system wherein digestive efficiency is increased and dehydration cake is minimized when dehydrating after digestion by using and controlling one or more reactors according to an operation logic control program stored in either a programmable logic controller (PLC) or a microcomputer. The system is configured to use waste heat generated from the reactors to preheat a balancing tank in such a way that operating energy may be conserved and the waste heat continuously generated may be continuously used.

No. of Pages: 120 No. of Claims: 29

(21) Application No.4685/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: IRON AND MOLYBDENUM CONTAINING PELLETS

(51) International classification: C22B34/34, C21C5/52, C22C35/00 (71) Name of Applicant:

:26/11/2012

(31) Priority Document No :11190836.4 (32) Priority Date :25/11/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/073599

Filing Date

(87) International Publication :WO 2013/076300

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)AB FERROLEGERINGAR

Address of Applicant :Box 7163 S 103 88 Stockholm Sweden

(72) Name of Inventor: 1)ARVIDSSON Johan

Iron and molybdenum containing pellets and a process for producing the pellets are disclosed. A green pellet is produced from mixing an iron containing powder a molybdenum oxide powder and a carbonaceous powder. The green pellets can be reduced at a temperature in the range of 400 1500 °C. The pellets can be briquetted.

No. of Pages: 34 No. of Claims: 28

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR PREPARING 3 SUBSTITUTED 2 ALKENALS IN PARTICULAR PRENAL

(51) International :C07C45/00,C07C35/04,C07C47/20

classification

(31) Priority Document No (32) Priority Date

:11190852.1 :25/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/073422

Filing Date

:23/11/2012

(87) International Publication :WO 2013/076226

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72) Name of Inventor:

1)SCHAUB Thomas

2)BRUNNER Bernhard

3)EBEL Klaus

4)PACIELLO Rocco

(57) Abstract:

11421122124861011211257571231249The present invention to a process for preparing 2 alkenals of the formula (I) in which R is selected from hydrogen and C C alkyl; and R is selected from hydrogen C C alkyl C C alkenyl C C cycloalkyl and C C aryl wherein C C alkyl and C C alkenyl may be substituted with C C cycloalkyl or C C cylcoalkenyl; comprising dehydrogenating an alkenol of the formula (II) an alkenol of the formula (III) or a mixture thereof wherein R and R are each as defined above wherein the alkenol II the alkenol III or a mixture thereof is brought into contact with a catalytic system comprising at least one ligand and a metal compound selected from ruthenium(II) compounds and iridium(I) compounds and wherein the hydrogen formed during the dehydrogenation is removed from the reaction mixture by: i) reaction with a reoxidant selected from C C alkanones C C cycoalkanones benzaldehyde and mixtures thereof; and/or ii) purely physical means.

No. of Pages: 34 No. of Claims: 17

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED BANDWIDTH OPTIMIZATION FOR REMOTE DESKTOP PROTOCOL

 (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 	:G06F15/16 :13/306804 :29/11/2011 :U.S.A. :PCT/US2012/050808 :14/08/2012 :WO 2013/081677 :NA :NA	(71)Name of Applicant: 1)WYSE TECHNOLOGY L.L.C. Address of Applicant:3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor: 1)JAIN Goutham Vastimal 2)BASHA P R Khader 3)DESAI Paramtap
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(57) Abstract:

The processing of a first data stream to generate a second stream conforming to a remote desktop protocol (RDP) is described. Operations may include facilitating storage of first data from the first stream at a first index indicated in the first stream facilitating retrieval of second data from a second index included in the first stream and facilitating generation of the second stream conforming to the RDP and including the first and second data. Additionally the processing of a third data stream conforming to the RDP to stream a fourth stream is described. Operations include facilitating processing of the third stream to identify a package data unit (PDU) facilitating storing of a hash value corresponding to the PDU and facilitating generating an altered PDU for inclusion in the fourth stream and including an index identifying a location in memory storing the hash value.

No. of Pages: 90 No. of Claims: 40

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROTARY VALVE ADAPTER ASSEMBLY WITH PLANETARY 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/11/2012 :WO 2013/082167 :NA :NA	(71)Name of Applicant: 1)BIG HORN VALVE INC. Address of Applicant:1664 Terra Ave. #5 Sheridan WY 82801 U.S.A. (72)Name of Inventor: 1)BURGESS Kevin 2)YAKOS David 3)WALTHALL Bryan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotary valve adapter assembly comprising an adapter plate configured to attach to a rotary valve body a torque multiplier assembly comprising one or more planetary gear subassemblies each of which comprises a sun gear ring gear and & plurality of planetary gears a magnetic actuator assembly comprising two sets of magnetically coupled magnets and a shaft. The magnetic actuator assembly interfaces with the torque multiplier assembly such that when the magnets of the magnetic actuator assembly rotate they cause the sun gear of a first planetary gear subassembly to rotate and the planetary gears to walk on the ring gear. The shaft interface with the carrier of one of the planetary gear subassemblies such that when the carrier rotates the shaft also rotates thereby causing the valve to open and close The assembly further comprises a pressure equalization system comprising a piston and piston spring or spring washer stack.

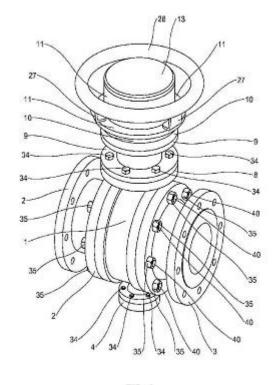


FIG. 1

No. of Pages: 71 No. of Claims: 32

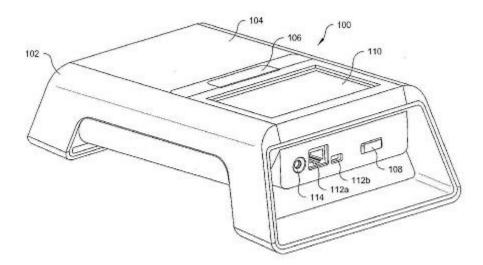
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR RAPID DETECTION OF INFECTIOUS AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N33/48 :61/570016 :13/12/2011 :U.S.A. :PCT/US2012/069192 :12/12/2012 :WO 2013/090394 :NA :NA :NA	2)MCBRAIRTY Charles 3)PFAUTZ Daniel W. 4)ZUPANCIC Thomas J. 5)ZENG Lingchun 6)WEIMAN Andrew 7)BRODY Richard S. 8)KITTLE Joseph
. ,	:NA	8)KITTLE Joseph 9)TRUSCOTT Anthony 10)BARANOWSKI Robert

(57) Abstract:

A portable system for real time detection of the presence of an infectious agent in a biological sample employs a reagent which detects the presence of a specific infectious agent in the sample and emits a detectable signal when the reagent reacts with the sample and detects the presence of the infectious agent. A test cartridge has a reaction chamber for receiving the sample and the reagent. The reaction chamber has a predetermined internal geometry and at least one inner surface. Introducing the sample and the reagent into the test cartridge mixes the sample and the reagent. A testing unit receives the test cartridge and includes a sensor for detecting an emitted detectable signal. The detection of the emitted detectable signal is indicative of the presence of the infectious agent in the sample.



No. of Pages: 78 No. of Claims: 36

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IDENTITY PROVIDER DISCOVERY SERVICE USING A PUBLISH SUBSCRIBE MODEL

(57) Abstract:

A proxy is integrated within an F SSO environment and interacts with an external identity provider (IdP) instance discovery service. The proxy proxies IdP instance requests to the discovery service and receives responses that include the IdP instance assignments. The proxy maintains a cache of the instance assignment(s). As new instance requests are received the cached assignment data is used to provide appropriate responses in lieu of proxying these requests to the discovery service thereby reducing the time needed to identify the required IdP instance. The proxy dynamically maintains and manages its cache by subscribing to updates from the discovery service. The updates identify IdP instance changes (such as servers being taken offline for maintenance new services being added etc.) occurring within the set of geographically distributed instances that comprise the IdP service. The updates are provided via a publication subscription model such that the proxy receives change notifications proactively.

No. of Pages: 51 No. of Claims: 25

(21) Application No.4693/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TREATMENT OF SEBORRHOEA

:NA

:NA

(51) International classification	:A61K31/575,A61P17/08,A61P17/10	(71)Name of Applicant: 1)MCFARLANE MARKETING (AUST.) PTY. LTD.
(31) Priority Document No	:2011905331	Address of Applicant :18 Harper Street Abbotsford Victoria
(32) Priority Date	:20/12/2011	3067 Australia
(33) Name of priority	:Australia	(72)Name of Inventor:
country	.7 tustiana	1)MACRIDES Theodore
(86) International	:PCT/AU2012/001543	2)BROADBENT Andrew
Application No	:14/12/2012	
Filing Date	.1 1/12/2012	
(87) International	:WO 2013/090986	
Publication No	. WO 2013/090980	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11/1	
(62) Divisional to	·N A	

(57) Abstract:

Application Number

Filing Date

A method for the treatment of seborrhoea in a patient comprises administering to the patient an effective amount of (24RS) or (24S) scymnol an ester thereof or a pharmaceutically acceptable salt of a said ester or of (24R) scymnol.

No. of Pages: 19 No. of Claims: 16

(21) Application No.4694/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: THERMOFORMABLE CROSSLINKED ACRYLIC

(51) International classification	:C08F220/06,C08L33/02	(71)Name of Applicant:
(31) Priority Document No	:61/579154	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/070033	(72)Name of Inventor:
Filing Date	:17/12/2012	1)WAID Robert D.
(87) International Publication No	:WO 2013/096170	2)JENNEN Jay M.
(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 thermally reversible admixture comprising (a) an ionically crosslinked polymer matrix comprising at least one (meth)acrylic polymer a first mole fraction of an acid functional polymer a second mole fraction of a moiety capable of forming an ionic crosslink with the acid functional polymer wherein the first mole fraction and the second mole fraction are based on the total number of moles of repeat units in the polymer matrix; and (b) 2 to 50 weight percent microspheres.

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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SIGNAL ANALYSIS AND GENERATION OF TRANSIENT INFORMATION

 (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 	:H04N7/26 :61/563169 :23/11/2011 :U.S.A. :PCT/IB2012/056689 :23/11/2012 :WO 2013/076703 :NA :NA	(71)Name of Applicant: 1)ROSSATO Luca Address of Applicant: Via Tommaso Gulli 4 I 20147 Milano Italy 2)MEARDI Guido (72)Name of Inventor: 1)ROSSATO Luca 2)MEARDI Guido
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2013/076703 :NA	1)ROSSATO Luca

(57) Abstract:

A signal processor receives settings information. The settings information specifies a setting of a given element for each image in a sequence of multiple images in which the given element resides. The signal processor also receives precision metadata specifying an estimated precision of each of the settings of the given element for each image in the sequence. Based on the settings information and the precision metadata the signal processor generates a setting value for the given element. If the setting value produced for the given element is relatively stable and thus likely a better representation of a setting for the given element than a current setting of the given element the signal processor utilizes the generated setting value instead of the current setting for encoding purposes.

No. of Pages: 72 No. of Claims: 34

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ARCHITECTURE FOR SUBSTATION CONTROL UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N7/00 :13 56645 :05/07/2013 :France :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :of 35, rue Joseph Monier, F-92500 Rueil Malmaison, France France (72)Name of Inventor: 1)CAOUS, Philippe
(87) International Publication No	: NA	2)BORDONADO, Franck
(61) Patent of Addition to Application Number	:NA	3)POLLO, Stphane
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

An architecture has been developed for switch remote control interfaces comprising a box (1) which can be placed either in a horizontal position or in a vertical position. The connection devices (8) are coupled to one another by a strip which can be dissociated from the enclosure (2) of the box (1) in both positions, and which can be easily fitted in place by means of a self-supported system. The electrical and electronic functions are grouped in a rack (100) which can be extracted from its compartment (5) associated with the box (1) so as to simplify maintenance and to optimise the definition of the electrical insulation areas. The door (3), the battery securing and even the latching devices (9) of the box (1) are also designed for the possible double position, among others, of the box (1). The architecture thus obtained enables a compact box (1) to be obtained, in particular complying with the requirements of the HN 64-S-44 Standard, and manufactured mainly from folded sheet metal plates. (FIGURE 1A)

No. of Pages: 28 No. of Claims: 14

(21) Application No.4590/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CHIMERIC DOUBLE STRANDED NUCLEIC ACID

(51) International :C12N15/11,C12N15/113,A61K31/713 classification

(31) Priority Document No: 2011275488 (32) Priority Date :16/12/2011

(33) Name of priority :Japan

country

(86) International :PCT/JP2012/083180 Application No

:17/12/2012 Filing Date

(87) International

:WO 2013/089283 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY

Address of Applicant :5 45 Yushima 1 chome Bunkyo ku

Tokyo 1138510 Japan (72) Name of Inventor: 1)YOKOTA Takanori

2)NISHINA Kazutaka 3)OBIKA Satoshi

4)MIZUSAWA Hidehiro

(57) Abstract:

Filing Date

Disclosed are double stranded nucleic acid complexes that suppress the expression of a target gene by means of an antisense effect and methods for using the same. One method for reducing the level of a transcription product in a cell comprises contacting with the cell a composition comprising: a double stranded nucleic acid complex comprising a first nucleic acid strand annealed to a second nucleic acid strand wherein: the first nucleic acid strand (i) comprises nucleotides and optionally nucleotide analogs and the total number of nucleotides and nucleotide analogs in the first nucleic acid strand is from 8 to 100 (ii) comprises at least 4 consecutive nucleotides that are recognized by RNase H when the first nucleic acid strand is hybridized to the transcription product and (iii) the first nucleic acid strand hybridizes to the transcription product; and the second nucleic acid strand comprises nucleotides and optionally nucleotide analogs.

No. of Pages: 157 No. of Claims: 65

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

(43) Publication Date: 18/09/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR COMMUNICATION OVER A PLURALITY OF FREQUENCIES STREAMS USING CYCLIC SHIFT DELAYS

(57) Abstract:

Methods and devices for communicating in a communication system are described herein. One aspect of the subject matter described in the disclosure provides a method of communicating over one or more space time streams. The method includes transmitting a precoded portion of a first stream with a bandwidth of 1 MHz or less. The method further includes transmitting when there are at least two streams a precoded portion of a second stream with a cyclic shift delay relative to the first stream of 4 μ s. The method further includes transmitting when there are at least three streams a precoded portion of a third stream with a cyclic shift delay relative to the first stream of 1 μ s. The method further includes transmitting when there are at least four streams a precoded portion of a fourth stream with a cyclic shift delay relative to the first stream of 5 μ s.

No. of Pages: 80 No. of Claims: 32

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE BODY SIDE STRUCTURE

(51) International classification	:B62D25/20,B62D25/04	(71)Name of Applicant:
(31) Priority Document No	:2011258270	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:25/11/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/075329	(72)Name of Inventor:
Filing Date	:01/10/2012	1)MATSUURA Hirokazu
(87) International Publication No	:WO 2013/077084	2)YAMADA Takashi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle body side structure which enables the rigidity of a bottom section to be ensured through the reinforcement of a bottom section of a pillar (14) is disclosed. The vehicle body side structure (10) has a closed cross section (61) which continues over a side sill (13) and the front pillar (14) separated into a plurality of sections by a bulkhead (21). The bulkhead (21) is provided with a rear end flange (74) that joins to a sill top wall (33) a front end flange (73) that joins to a pillar outer front wall (53) and a partition wall (72). The partition wall (72) is formed into a cross sectional U shape together with a sill outer side wall (32) and a sill outer bottom wall (34) forming a third U shaped cross section (78) that leads to the pillar outer front wall (53). The third U shaped cross section (78) forms together with an inner side sill (23) a closed cross section extension section (65) that leads to the pillar outer front wall (53).

No. of Pages: 32 No. of Claims: 4

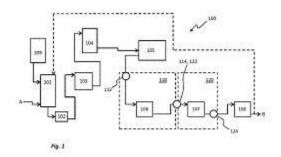
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A METHOD FOR MONITORING THE OPERATION OF A LIQUID FOOD PROCESSING SYSTEM

` '	n:A23C7/02,B08B9/027,B08B9/032	` '
(31) Priority Document No	:11512654	1)TETRA LAVAL HOLDINGS & FINANCE S.A.
(32) Priority Date	:22/12/2011	Address of Applicant: 70 Avenue Gnral Guisan CH 1009
(33) Name of priority country	:Sweden	Pully Switzerland
(86) International Application	:PCT/EP2012/075560	(72)Name of Inventor:
No		1)SVENSSON Cecilia
Filing Date	:14/12/2012	
(87) International Publication	:WO 2013/092414	
No	. 11 0 2013/072414	
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	.NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for monitoring the operation of a liquid food processing system is provided. The method comprises the steps of initiating a fluid flow through at least one section of said food processing system; and determining a pressure difference across said at least one section during said fluid flow for monitoring removal or build up of deposits said removal or build up being caused by said fluid flow.



No. of Pages: 23 No. of Claims: 28

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

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

(51) International classification :G01N21/78,C12Q1/00,G01N33/48

(31) Priority Document No :11511151 (32) Priority Date :23/11/2011

(33) Name of priority country: Sweden

(86) International Application :PCT/SE2012/051292

No :22/11/2012

Filing Date

(87) International Publication :WO 2013/077802

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application
Number
Siling Data
:NA

Filing Date

(71)Name of Applicant:

1)CALMARK SWEDEN AB

Address of Applicant :c/o Mathias Karlsson Eksygen 2 S 653

42 Karlstad Sweden

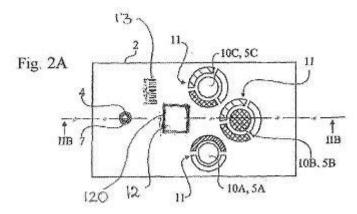
(72)Name of Inventor:

1)KARLSSON Mathias

2)HIORT AF ORN,,S Sofia 3)DIDRIKSON Hjalmar

(57) Abstract:

This invention relates to a testing system arrangement for assessing the level of a biochemical marker comprising a disposable device (2) with a sample inlet (4) and a at least one visible detection compartment (5A 5B) for detection of said biochemical marker a mobile unit (8) including a digital camera arranged to capture a digital picture (60) of said at least one visible detection compartment (5A 5B) software run on a processor for analysing said picture (60) to assess said level and means arranged to present the result (70) of said assessment in a display (8A) of or connected to said mobile unit (8) wherein said disposable device (2) is arranged with at least one reference surface (12) having a predetermined colour setting that is known to said software to enable exact assessment of the colour within said detection compartment (5A 5B) by the use of said reference surface (12) within said digital picture as a basis reference.



No. of Pages: 20 No. of Claims: 15

(21) Application No.4717/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: IMPROVED RESIN COMPOSITIONS FOR EXTRUSION COATING

(51) International :C08L23/08,C09D123/08,C08J5/18 classification

:WO 2013/101930

(31) Priority Document No :13/337626 (32) Priority Date :27/12/2011

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

(86) International Application :PCT/US2012/071821

:27/12/2012 Filing Date

(87) International Publication

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72) Name of Inventor:

1)WANG Jian

(57) Abstract:

22Log Melt strength (cN) > 1.14 0 6 X Log 12 (g/10 min 190°C). A composition of matter suitable for use in extrusion coating applications is disclosed. The composition comprises a blend of particular LLDPE with particular LDPE. The LLDPE has the following characteristics: a density in the range of from 0.89 g/cc to 0.97 g/cc; an MWD less than 2.8; a melt index (I) in the range of 4.0 to 25 g/10 min; a Comonomer Distribution Constant in the range of from greater than from 45 to 400; and a vinyl unsaturation of less than 0.12 vinyls per one thousand carbon atoms present in the backbone of the ethylene based polymer composition. The LDPE has a melt index (I) in the range of 0.1 to 15 g/10 min and has a melt strength which satisfies the inequality:

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

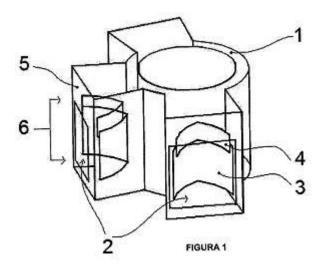
(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONFIGURATION OF THE RECEIVERS IN CONCENTRATED SOLAR PLANTS WITH TOWERS

 (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 	:F24J2/07 :P201101264 :29/11/2011 :Spain :PCT/ES2012/000297 :28/11/2012 :WO 2013/079744 :NA :NA	(71)Name of Applicant: 1)ABENGOA SOLAR NEW TECHNOLOGIES S.A. Address of Applicant: Avenida de la Buhaira 2 E 41018 Sevilla Spain (72)Name of Inventor: 1)M%NDEZ MARCOS Jos Maria 2)DIAGO LPEZ Maite 3)SERRANO GALLAR Luca 4)NAV • O GILABERTE Ra°I
Filing Date (62) Divisional to Application Number		4)NAV • O GILABERTE Raºl
Filing Date	:NA	

(57) Abstract:

The invention relates to a configuration of the receivers in concentrated solar plants with towers comprising at least one medium temperature receiver (3) and one high temperature receiver (4) in which each high temperature receiver (4) is located above and slightly in front of each medium temperature receiver (3) such that a portion of the rays that bounce off the medium temperature receiver (3) heats the rear portion of the high temperature receiver (4) and in which the high temperature receiver (4) is positioned such that the majority of the surface thereof is opposite the wall of the cavity (2) only the bottom portion of the receiver (4) remaining free.



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

(21) Application No.4719/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRECIPITATED SILICA PRODUCTION 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 	:C01B33/193 :1104090 :23/12/2011 :France :PCT/EP2012/076213 :19/12/2012 :WO 2013/092749 :NA	(71)Name of Applicant: 1)RHODIA OPERATIONS Address of Applicant:25 rue de Clichy F 75009 Paris France (72)Name of Inventor: 1)CLOUIN Malika 2)NEVEU Sylvaine 3)RACINOUX Jo«l
(61) Patent of Addition to Application		3)RACINOUX Jo«l
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a novel precipitated silica production method comprising a precipitation reaction between a silicate and an acid in which the acid used in at least one of the steps is a concentrated acid preferably selected from the group containing sulphuric acid having a concentration of at least 80 wt. % in particular at least 90 wt. % acetic acid or formic acid having a concentration of at least 90 wt. % nitric acid having a concentration of at least 60 wt.% phosphoric acid having a concentration of at least 75 wt. % hydrochloric acid having a concentration of at least 30 wt. %.

No. of Pages: 27 No. of Claims: 15

(21) Application No.4604/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: WATER BASED STERILIZATION INDICATOR COMPOSITION

(51) International classification	:G01N31/22,G01N21/81	(71)Name of Applicant:
(31) Priority Document No	:61/578067	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:20/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/070326	(72)Name of Inventor:
Filing Date	:18/12/2012	1)LANDGREBE Kevin D.
(87) International Publication No	:WO 2013/096299	2)PARTHASARATHY Ranjani V.
(61) Patent of Addition to Application	:NA	3)BENNETT Anthony E.
Number	:NA	4)ELLIOTT Peter T.
Filing Date	.INA	5)KIRCKOF Steven S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Water based formulations comprising an indicating composition dispersed in water are described. The water based indicating compositions include an organic Bi(III) compound a sulfur source and a carbonate salt. Formulations further including a resin and/or an acidic additive are also described.

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

(21) Application No.4605/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : ELASTOMER COMPOSITIONS COMPRISING GAS TO LIQUID BASE OILS AND PROCESSES FOR PREPARATION 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 	:11195303.0 :22/12/2011 :EPO	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant: Carel van Bylandtlaan 30 NL 2596 HR The Hague Netherlands 2)SHELL OIL COMPANY (72)Name of Inventor: 1)NULL Volker Klaus
- 14	:NA :NA :NA	

(57) Abstract:

Elastomer compositions comprising a gas to liquid (GTL) derived synthetic base oil as an extender oil are provides wherein the base oil has not been subjected to a process for the removal of haze causing components. Elastomers described include those comprising one elastomer component such as a rubber and a base oil wherein the base oil has not been treated to remove haze components and is present in the range of from about 0.1 wt% to about 50 wt% based on the weight of the total elastomer composition. The haze components may include paraffinxc microcrystalline wax formed as part of the GTL process.

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

(21) Application No.4606/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: GREASE COMPOSITION

(51) International :C10M169/06,C10N30/06,C10N50/10

classification

(31) Priority Document No :2011281987 (32) Priority Date :22/12/2011 (33) Name of priority

:Japan country

(86) International :PCT/EP2012/076851

Application No :21/12/2012 Filing Date

(87) International

:WO 2013/093104 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1) SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 HR

The Hague Netherlands

2)SHELL OIL COMPANY

(72) Name of Inventor: 1)FUJIMAKI Yoshitomo 2)TANAKA Keiji

(57) Abstract:

A grease composition with high wear resistance comprising a base oil a thickener and a poly(meth)acrylate derivative.

No. of Pages: 37 No. of Claims: 10

(21) Application No.4607/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRECIPITATED SILICA PRODUCTION 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 	:C01B33/193 :11/04089 :23/12/2011 :France :PCT/EP2012/076206 :19/12/2012 :WO 2013/092745 :NA	(71)Name of Applicant: 1)RHODIA OPERATIONS Address of Applicant:25 rue de Clichy F 75009 Paris France (72)Name of Inventor: 1)CLOUIN Malika 2)NEVEU Sylvaine
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a novel silica production method comprising the reaction of a silicate with at least one acid in which the acid used in at least one of the steps is a concentrated acid preferably selected from the group containing sulphuric acid having a concentration of at least 80 wt. % in particular at least 90 wt. % acetic acid or formic acid having a concentration of at least 90 wt. % nitric acid having a concentration of at least 60 wt.% phosphoric acid having a concentration of at least 75 wt. % hydrochloric acid having a concentration of at least 30 wt. %.

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

(21) Application No.4715/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: JUICE EXTRACTION MODULE FOR JUICER

(51) International classification: A47J19/06, A47J19/02, A47J43/07 (71) Name of Applicant:

(31) Priority Document No :1020120126516 (32) Priority Date :09/11/2012 (33) Name of priority country :Republic of Korea

(86) International Application :PCT/KR2013/009696

:30/10/2013 Filing Date

(87) International Publication :WO 2014/073816

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NUC ELECTRONICS CO. LTD.

Address of Applicant :280 Nowon ro Buk gu Daegu 702 858

Republic of Korea 2)KIM Ji Tae

(72)Name of Inventor:

1)KIM Jong Boo

(57) Abstract:

Disclosed is a juice extraction module for a juicer and the juice extraction module comprises: a container (100) having a juice outlet (101); a net (200) positioned inside the container (100); a screw (300) for extracting the juice of a material by being positioned inside the net (200); and a cover (400) which is coupled to an upper end of the container (100) and which has a slot (410) into which materials are inserted. The juice extraction module for a juicer further comprises: a crushing part (500) which is formed on an upper end of the screw (300) by having a shape that narrows toward the upper part and which has a crushing blade (510); and a crushing process part (600) which is connected to the slot (410) wherein the crushing process part (600) is recessed on the lower side of the cover (400) so as to accommodate the crushing part (500) therein.

No. of Pages: 22 No. of Claims: 19

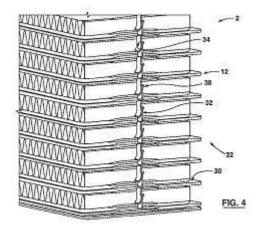
(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HEAT EXCHANGER PLATES WITH INTEGRAL BYPASS BLOCKING TABS

(51) International classification(31) Priority Document No(32) Priority Date	:F28F3/08,B60K13/02,F02B29/04 :NA :NA	(71)Name of Applicant: 1)DANA CANADA CORPORATION Address of Applicant: 656 Kerr Street Oakville Ontario L6K
(33) Name of priority country	:NA	3E4 Canada
(86) International Application No Filing Date	:PCT/CA2011/050739 :28/11/2011	(72)Name of Inventor: 1)KINDER Lee M. 2)SHORE Colin
(87) International Publication No	:WO 2013/078530	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heat exchanger containing a plurality of spaced apart plate pairs where each plate pair defines a flow passage for the flow of a first fluid. In addition one or more fins are thermally coupled and sandwiched by the spaced apart plate pairs for flow of a second fluid. And a fluid manifold that is fluidly coupled to the spaced apart plate pairs at a manifold end of the spaced apart plate pairs is provided. Further a tab that extends from a flange end of a first plate of the first plate pair and in contact with a second tab extending from a flange end of a second plate of a second plate pair for providing a fluid flow blocker. Also provided is a heat exchanger assembly containing a housing and the heat exchanger described herein.



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

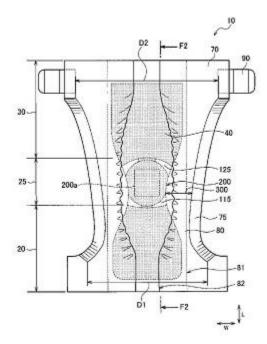
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND SYSTEM FOR SHARING OBJECT INFORMATION

(51) International classification	:G06E1/00	(71)Name of Applicant:
(31) Priority Document No	:61/577520	1)BIRDS IN THE HAND LLC
(32) Priority Date	:19/12/2011	Address of Applicant :2555 E Colorado Blvd. Suite 400C
(33) Name of priority country	:U.S.A.	Pasadena CA 91107 U.S.A.
(86) International Application No	:PCT/US2012/070416	(72)Name of Inventor:
Filing Date	:18/12/2012	1)BELL David A.
(87) International Publication No	:WO 2013/096341	2)BELL Lon E.
(61) Patent of Addition to Application	:NA	3)MYERS John Peterson
Number	:NA	4)DECHARMS Richard Christopher
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems of locating and identifying categories of biological objects are discussed herein. In one aspect a system configured to locate and identify categories of biological objects at a geographical location includes obtaining a visual or an aural characteristic of one or more biological objects sighted comparing the obtained visual or aural characteristic with visual or aural characteristics of known biological objects stored in a database and identifying the one or more known biological objects that closely match the one or more biological objects sighted. In another aspect a system that allows a user to efficiently record sightings of biological objects is disclosed. The system is configured to display a list of biological objects arranged based on likelihood of occurrence of biological objects in a geographical location for the user to select from.



No. of Pages: 74 No. of Claims: 58

(22) Date of filing of Application:19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: INTAKE ASSEMBLIES FOR WIND ENERGY CONVERSION SYSTEMS AND METHODS

(51) International classification :F03D5/00,F03D9/00,F03D11/00 (71) Name of Applicant: (31) Priority Document No :13/307313 (32) Priority Date :30/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/067211

No :30/11/2012 Filing Date

(87) International Publication No:WO 2013/082369

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA

Number :NA

Filing Date

1)SHEER WIND INC.

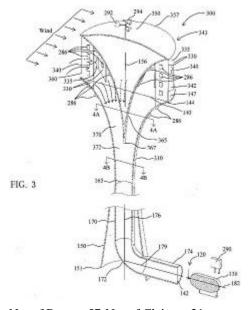
Address of Applicant: 143 Jonathan Blvd. N. Suite 200

Chaska Minnesota 55318 U.S.A.

(72) Name of Inventor: 1)ALLAEI Daryoush

(57) Abstract:

An intake assembly for a wind energy conversion system has a substantially vertical converging nozzle an object extending into the nozzle and a converging flow passage between the object and the nozzle. For some embodiments the object may be another nozzle. There may be vanes in one or both nozzles in further embodiments. The object may be configured to move in yet other embodiments.



No. of Pages: 57 No. of Claims: 21

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: POWER GENERATING SYSTEM AND HYDRAULIC CONTROL SYSTEM

(51) International classification :F03D7/04,F03D9/00,H02P9/10 (71)Name of Applicant :

(31) Priority Document No :61/577941 (32) Priority Date :20/12/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/NZ2012/000233

Filing Date :11/12/2012 (87) International Publication No: WO 2013/095162

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)WINDFLOW TECHNOLOGY LIMITED

Address of Applicant :44 Mandeville Street Christchurch New

Zealand

(72) Name of Inventor:

1)HENDERSON Geoffrey Morgan

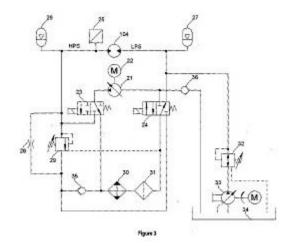
2)SCOTT Peter John

3)SILVESTER Matthew James

4)TRUDGIAN Richard James

(57) Abstract:

A hydraulic control system HCS for controlling a variable ratio transmission of a power generating system. A hydraulic motor/pump unit 140 is operably connected to a superposition gear and is connected to a hydraulic circuit that comprises an orifice 28 and/or a relief valve 29 that opens at a predetermined hydraulic pressure. The hydraulic circuit switches between a variable low speed operating mode and a torque limiting high speed operating mode. In the torque limiting high speed operating mode the hydraulic motor/pump unit 140 is driven by the superposition gear and drives hydraulic fluid through the orifice 28 and/or relief valve 29 to provide a passive torque limiting function. In the variable low speed operating mode the hydraulic motor/pump unit 140 drives the superposition gear and the hydraulic control system provides a desired rotor 101 speed by controlling hydraulic fluid flow rate through the hydraulic motor/pump unit 140.



No. of Pages: 36 No. of Claims: 20

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR BATTERY LOAD MANAGEMENT IN A PORTABLE COMPUTING 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 	:G06F1/32,H04W52/02 :61/591149 :26/01/2012 :U.S.A. :PCT/US2013/020615 :08/01/2013 :WO 2013/112279	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)RABII Khosro M.
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

Various embodiments of methods and systems for managing battery load in a portable computing device (PCD) are disclosed. One such method includes tracking an active load on a battery attributable to one or more active power consuming components. Measurements associated with the battery and indicative of the battery s state of health may also be monitored. When a call for additional load on the battery is recognized such as a user request for provision of additional functionality in the PCD a future load on the battery that considers the newly called load can be calculated. Based on an analysis of the impact on the battery s state of health existing lower priority loads may be scaled or suspended to create battery load capacity for the newly called load. In this way quality of service and user experience may be optimized while minimizing conditions that could be detrimental to the battery.

No. of Pages: 41 No. of Claims: 40

(21) Application No.1225/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYNTHESIS OF AMMONIA BY CONCENTRATING SEA WATER

(51) International alocalification	·C07D	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R.R. DISTRICT - 500 037
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this method of invention the excretory material of marine animals and species which generate ammonia that is present in sea water is used as a source. An appropriate zeolite or molecular sieves specially synthesized by drilling nano pores of suitable sizes is used as membrane. These membranes are arranged in array like films and when sea waves hits the surface with pressure, Ammonia only passes through these membranes. The Ammonia generated in this method will be collected and concentrated for industrial applications.

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

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

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

(51) International classification :H01R13/422,H01R13/ (31) Priority Document No :2011256098 (32) Priority Date :24/11/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/007428

Filing Date :20/11/2012 (87) International Publication No :WO 2013/076961

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:H01R13/422,H01R13/436 (71)**Name of Applicant :**

1)YAZAKI CORPORATION

Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo

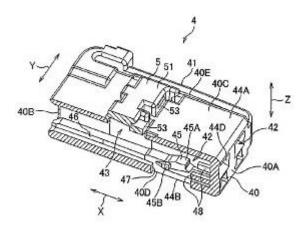
1088333 Japan

(72)Name of Inventor:

1)SUZUKI Toshifumi

(57) Abstract:

There is provided a connector and a method for making the connector preventing escape of a terminal fitting by improving latch force for the terminal fitting over a wide variety of products without inducing upsize or manufacturing cost. The connector comprises a connector housing (4) including a terminal fitting (3) and a terminal housing (42) accommodating the terminal fitting (3) which the connector housing (4) includes a wall (44B) dividing composing one inner face of the terminal housing (42) a latch part (45) latch the terminal fitting (3) the latch part (45) includes a latch arm (45A) having a tip extending from a base end disposed the inner face of the wall (44B) toward a back side in an insertion direction (X) of the terminal fitting (3) a latch projection (45B) projecting from the latch arm (45A) in a direction (Y) intersecting the insertion direction in the wall (44B) is formed a through hole (47) having the latch projection (45B) face external and the terminal fitting (3) is latched by the tip (45C) and the latch projection of the latch arm (45A).



No. of Pages: 25 No. of Claims: 4

7)RADOÅ EVIC Katarina

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: INFLUENZA VIRUS VACCINES AND USES THEREOF

:NA

:A61K39/12,C07K14/005 (71)Name of Applicant : (51) International classification (31) Priority Document No :11191003.0 1)CRUCELL HOLLAND B.V. (32) Priority Date :28/11/2011 Address of Applicant: Archimedesweg 4 NL 2333 CN Leiden (33) Name of priority country :EPO Netherlands (86) International Application No :PCT/EP2012/073706 (72) Name of Inventor: Filing Date :27/11/2012 1)MEIJBERG Jan Wilem (87) International Publication No :WO 2013/079473 2)IMPAGLIAZZO Antonietta (61) Patent of Addition to Application 3)VOGELS Ronald :NA Number 4)FRIESEN Robert Heinz Edward :NA Filing Date 5)ALARD Philippe (62) Divisional to Application Number :NA 6)LOVERIX Stefan

(57) Abstract:

Filing Date

The present invention provides influenza hemagglutinin stem domain polypeptides comprising (a) an influenza hemagglutinin HA1 domain that comprises an HA1 N terminal stem segment covalently linked by a linking sequence of 0 50 amino acid residues to an HA1 C terminal stem segment and (b) an influenza hemagglutinin HA2 domain wherein on or more amino acids in the HA2 domain have been mutated. Also provided are nucleic acids encoding the polypeptides compositions comprising the polypeptides and/or nucleic acid molecules as well as methods of their use in particular in the detection prevention and/or treatment of influenza.

No. of Pages: 449 No. of Claims: 20

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTROL APPARATUS FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/04,F02D41/06,F02B43/00

(31) Priority Document No :2011286179

(32) Priority Date :27/12/2011(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/007365

No :16/11/2012

Filing Date

(87) International Publication :WO 2013/099094

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application
Number
:NA

Filing Date (57) Abstract :

(71)Name of Applicant:
1)DENSO CORPORATION

Address of Applicant: 1 1 Showa cho Kariya city Aichi

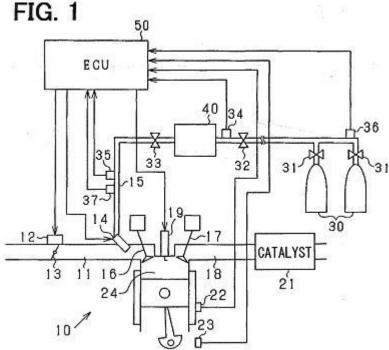
4488661 Japan

(72)Name of Inventor:

1)TAKEMURA Yuichi 2)MIZOBUCHI Takeshi

3)WADA Minoru

A fuel injection valve (14) of an engine (10) is connected via a gas passageway to a gas tank which stores gas fuel under high
pressure. In the gas passageway a pressure reducing valve (40) is provided as a pressure adjustment part which adjusts the supply
pressure of gas supplied to the fuel injection valve (14). An ECU (50) detects the tank pressure which is the pressure within the gas
tank (30) and when the detected tank pressure has dropped below a predetermined reduction criteria value restricts a target gas
pressure which is the target value of the gas supply pressure on the basis of the detected gas tank pressure. Further when the target gas
pressure is restricted the timing of the fuel injection at the fuel injection valve (14) is advanced compared to that of a standard timing
which is set when the target gas pressure is not restricted.
FIO 1



No. of Pages: 50 No. of Claims: 9

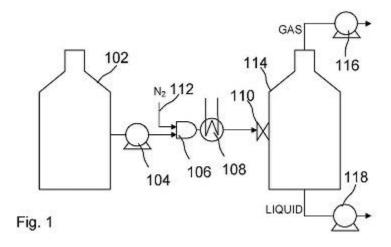
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEAERATOR AND METHOD FOR DEAERATION

:B01D19/00,A23L2/76 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TETRA LAVAL HOLDINGS & FINANCE S.A. :11512431 (32) Priority Date Address of Applicant: 70 Avenue Gnral Guisan CH 1009 :21/12/2011 (33) Name of priority country :Sweden Pully Switzerland (72) Name of Inventor: (86) International Application No :PCT/EP2012/075567 Filing Date :14/12/2012 1)LANZINGH Christer (87) International Publication No :WO 2013/092420 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A system for deaeration of a liquid comprises a heater for heating the liquid to a well defined temperature means for pressurizing the liquid a first piping for guiding the heated liquid to a separation vessel a vacuum pump for evacuating deaerated gases from the separation vessel a second piping for guiding the deaerated liquid from the separation vessel characterized in that it comprises an inert gas supply and a mixer for supplying and mixing in inert gas into the liquid in the first piping and wherein the vacuum pump is controllable to maintain a separation pressure in the separation vessel corresponding to a pressure at or slightly above the saturation pressure.



No. of Pages: 15 No. of Claims: 12

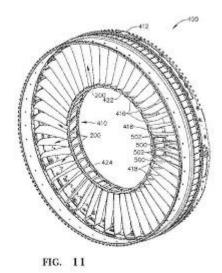
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: QUICK ENGINE CHANGE ASSEMBLY FOR OUTLET GUIDE VANES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F01D9/04 :61/568976 :09/12/2011 :U.S.A.	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor:
Filing Date	:07/12/2012	1)HASTING William Howard
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/086305 :NA :NA	2)TUDOR Courtney James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A quick engine change assembly comprises a first circular frame member a plurality of doublet supports spaced about the first circular frame member the doublet supports being contoured along the axial direction a flow surface defined between the plurality of doublet supports and a plurality of cradles each of the cradles including the doublet supports the doublet supports from a lower portion of the cradle to the flow surface.



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

(21) Application No.4731/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: POLYESTER FILM SOLAR CELL BACKSHEET AND SOLAR CELL

(51) International classification: C08J5/18,B32B27/36,C08G63/16 (71)Name of Applicant: (31) Priority Document No :2011264500 1)TORAY INDUSTRIES INC. (32) Priority Date :02/12/2011 Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome (33) Name of priority country Chuo ku Tokyo 1038666 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/079972 1)HORIE Masato No :19/11/2012 Filing Date 2)SUZUKI Tadamasa (87) International Publication 3)MASUDA Tomohide :WO 2013/080827 4)TAKAHASHI Kozo

(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 addresses the problem of providing a polyester film that does not experience a decline in wet heat resistance even when incorporated into a solar cell backsheet or solar cell. The problem is resolved by a polyester film having a peak count (SPc) (400 nm) of at least 100 and an SPc (4000 nm) of at most 10 on at least one surface the polyester film having a carboxyl terminal content of 0.25 eq/ton.

No. of Pages: 50 No. of Claims: 7

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : NON ISOCYANATE RIGID POLYMER FOAMS BY CARBON MICHAEL ADDITION AND FOAMING PROCESS

(51) International classification(31) Priority Document No(32) Priority Date	:C08J9/00 :61/580288 :26/12/2011	(71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:20/12/2012	1)JIN Xin
(87) International Publication No	:WO 2013/101682	2)CRAIN Steven P.
(61) Patent of Addition to Application	:NA	3)SCHUTTER Deborah A.
Number	:NA	4)PATANKAR Kshitish K.
Filing Date	.IVA	5)SONNENSCHEIN Mark F.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Polymer foam is made from a two component foam system. The foam system includes an A side component which contains a multifunctional Michael acceptor and a blowing agent that has a boiling temperature in the range 40° C to $+100^{\circ}$ C. The system also includes a B side component that contains a multifunctional carbon Michael donor a surfactant and a blowing agent that has a boiling temperature in the range 40° C to $+100^{\circ}$ C. The viscosities of each of the components are 2 500 cPs or lower. Foam is made by separately pressurizing the components then separately depressurizing them so they each at least partially expand. The partially expanded materials are then combined in the presence of a carbon Michael reaction catalyst to form a reaction mixture which is cured to form the polymer foam.

No. of Pages: 34 No. of Claims: 19

(22) Date of filing of Application :23/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SENSOR MODULE WITH A DISPLACEMENT SENSOR AND A PRESSURE SENSOR IN A **COMMON HOUSING**

(51) International :G01D11/24,G01D21/02,H01R13/58 classification

(31) Priority Document No :10 2011 087 241.8 (32) Priority Date :28/11/2011

(33) Name of priority :Germany country

(86) International :PCT/EP2012/073577 Application No

:26/11/2012 Filing Date

(87) International Publication: WO 2013/079434

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA

(71)Name of Applicant:

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Address of Applicant: Amperestrasse 12 14 64625 Bensheim

Germany

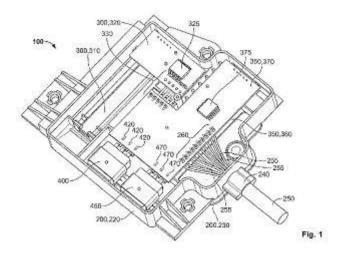
(72) Name of Inventor: 1)ZAPF Joachim

2)HOFFELDER Bernd

(57) Abstract:

Filing Date

A sensor module comprises a housing in which a first displacement sensor and a first pressure sensor are arranged. The sensor module can have a second displacement sensor and a second pressure sensor. The module is being provided to monitor a coupling of a motor vehicle for example a dual coupling of a lorry.



No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

:NA

(54) Title of the invention: COMPOSITIONS AND METHODS FOR THE DELIVERY OF BIOLOGICALLY ACTIVE RNAS

:C12N15/11,C12N15/115 (71)Name of Applicant : (51) International classification :61/579815 (31) Priority Document No 1)EGEN INC. (32) Priority Date :23/12/2011 Address of Applicant :601 Genome Way Suite 3100 (33) Name of priority country Huntsville AL 35806 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/071576 (72) Name of Inventor: Filing Date :24/12/2012 1)POLACH Kevin (87) International Publication No :WO 2013/096958 2)FEWELL Jason (61) Patent of Addition to Application 3)ANWER Khursheed :NA 4) WILKINSON Lestlie S. :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

Novel compounds compositions and methods for the delivery of biologically active RNA molecules to cells. Specifically the invention provides novel nucleic acid molecules polypeptides and RNA protein complexes useful for the delivery of biologically active RNAs to cells and polynucleotides encoding the same. The invention also provides vectors for expressing said polynucleotides. In addition the invention provides cells and compositions comprising the novel compounds and vectors which can be used as transfection reagents. The invention further provides methods for producing said compounds vectors cells and compositions. Additionally vectors and methods for delivering biologically active RNA molecules to cells and/or tissues are provided. The novel compounds vectors cells and compositions are useful for example in delivering biologically active RNA molecules to cells to modulate target gene expression in the diagnosis prevention amelioration and/or treatment of diseases discorders or conditions in a subject or organism.

No. of Pages: 115 No. of Claims: 30

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: TEXT DETECTION USING MULTI LAYER CONNECTED COMPONENTS WITH HISTOGRAMS

(51) International classification :G06K9/34,G06K9/46,G06K9/00 (71) Name of Applicant : (31) Priority Document No :13/301103 :21/11/2011 (32) Priority Date (33) Name of priority country :U.S.A. (86) International Application :PCT/FI2012/050994

:17/10/2012 Filing Date

(87) International Publication No:WO 2013/076358

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)NOKIA CORPORATION

Address of Applicant: Keilalahdentie 4 FI 02150 Espoo

Finland

(72) Name of Inventor:

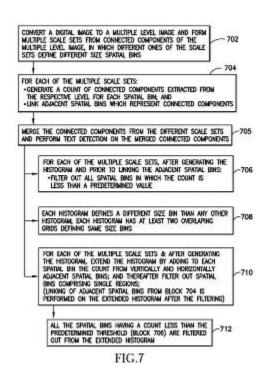
1)TSAI Shang hsuan

2)PARAMESWARAN Vasudev

3)GRZESZCZUK Radek

(57) Abstract:

A digital image is converted to a multiple level image and multiple scale sets are formed from connected components of the multiple level image such that different ones of the scale sets define different size spatial bins. For each of the multiple scale sets there is generated a count of connected components extracted from the respective scale set for each spatial bin; and adjacent spatial bins which represent connected components are linked. Then the connected components from the different scale sets are merged and text line detection is performed on the merged connected components. In one embodiment each of the scale sets is a histogram and prior to linking all bins with less than a predetermined count are filtered out; and each histogram is extended such that counts of adjacent horizontal and vertical bins are added (single region bins are filtered out) and the linking is on the extended histograms.



No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

:NA

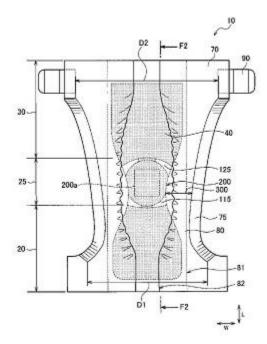
(54) Title of the invention: DISPOSABLE DIAPER

(51) International classification :A61F13/15,A61F13/49 (71)Name of Applicant : (31) Priority Document No 1)UNICHARM CORPORATION :2011255249 (32) Priority Date :22/11/2011 Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo (33) Name of priority country shi Ehime 7990111 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/080182 Filing Date :21/11/2012 1)SAKAGUCHI Satoru (87) International Publication No :WO 2013/077360 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

This disposable diaper (10) has a waistline retention portion extending along the width direction of the product and holding the disposable diaper on the wearer s body and comprising a front waistline area (20) a rear waistline area (30) and fastening tape (90). Further this disposable diaper (10) has a leg gather (75) and a stretchable crotch portion (200a) which is formed in the crotch area (25) and is capable of stretching in the longitudinal direction L of the product. The leg gather (75) is longer than the stretchable crotch portion (200a) in the product length direction L and is disposed further outwards in the product width direction W than the stretchable crotch portion (200a). A low stretchability region (300) which is less stretchable than the stretchable crotch portion (200a) is formed between the leg gather (75) and the stretchable crotch portion (200a).



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

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : PEEL PLY METHOD OF SURFACE PREPARATION AND BONDING COMPOSITE STRUCTURES USING THE SAME

(51) International classification :B29C70/54,B29C37/00,C08J5/24 (71)Name of Applicant : (31) Priority Document No 1) CYTEC TECHNOLOGY CORP. :61/582096 (32) Priority Date Address of Applicant: 300 Delaware Avenue Wilmington DE :30/12/2011 (33) Name of priority country :U.S.A. 19801 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2012/065389 1)ZHAO Yiqiang :16/11/2012 Filing Date 2)KOHLI Dalip Kumar (87) International Publication 3)SHAH Kunal Gaurang :WO 2013/101354 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A resin rich peel ply (11) that does not leave behind residual fibers after peeling and can work well with different resin based composite substrates (10) The resin rich peel ply (11) is composed of a woven fabric (lib) impregnated with a resin matrix (11a) different from the resin matrix of the composite substrate (10). The peel ply (11) is designed such that upon manual removal of the peel ply (11) from the composite substrate s (10) surface a thin film of the peel ply resin remains on the composite substrate s surface to create a bondable surface capable of bonding with another composite substrate (12) but no fibrous material from the woven fabric remains on the same surface.

No. of Pages: 30 No. of Claims: 21

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD FOR THE PRODUCTION OF ISOCYANATES BY MEANS OF PHOSGENATION OF THE RESPECTIVE AMINES IN THE GASEOUS PHASE

(33) Name of priority country :EPC (86) International Application No :PCT	Г/ЕР2012/073809	
8		2)KN–SCHE Carsten 3)LEHR Vanessa Simone

(57) Abstract:

Proposed is a method for producing isocyanates by means of phosgenation of the respective amines in a fluidised bed reactor (R) characterised in that a gas flow (1) containing the phosgene is used as a swirl gas and keeps an inert solid suspended and that a liquid flow (2) containing the amine is dosed into the fluidised bed wherein the amine partially or completely vaporises and reacts with the phosgene while maintaining a reaction gas mixture containing the respective isocyanate which is drawn out of the fluidised bed reactor.

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

(21) Application No.4642/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS AND APPARATUS FOR ADAPTIVE RECEIVER MODE SELECTION DURING DISCONTINUOUS RECEPTION

(51) International classification :H04W52/02,H04W76/04 (71)Name of Applicant : (31) Priority Document No :61/587092 1)APPLE INC. :16/01/2012 (32) Priority Date Address of Applicant: 1 Infinite Loop Cupertino CA 95014 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/021589 (72) Name of Inventor: Filing Date :15/01/2013 1)SEBINI Johnson (87) International Publication No :WO 2013/109544 2)SHI Jason (61) Patent of Addition to Application 3)JI Zhu :NA Number 4)DAMJI Navid :NA Filing Date 5)SU Li (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and apparatus for adaptively adjusting receiver operation during non continuous (e.g. discontinuous) reception. In one exemplary embodiment a user device such as a User Equipment (UE) adaptively adjusts its reception mode based on a determined actual error. The reception mode is selected so as to improve reception performance while still minimizing overall power consumption.

No. of Pages: 28 No. of Claims: 26

(21) Application No.4643/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND ARRANGEMENT FOR RELAYING

(51) International :H04W72/04,H04B7/26,H04B7/155 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/SE2012/050033

:16/01/2012 Filing Date

(87) International Publication :WO 2013/109171

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)WIBERG Niclas 2)WAGER Stefan

(57) Abstract:

Uplink only relay and donor network node and methods therein for supporting connection of a UE in a cell associated with the network node to the uplink only relay for uplink communication. The method in the uplink only relay involves monitoring a relation in terms of performance between a direct uplink communication from the UE to the network node and a potential relayed uplink communication from the UE to the network node via the UORN The method further comprises indicating to the network node when the relation fulfills a condition. The method in the network node involves receiving information from the UORN indicating a monitored UE for which a condition is fulfilled. The condition is related to a relation in terms of performance between a direct uplink communication from the UE to the network node and a potential uplink communication relayed via the UORN. If the UE is to be relayed the method further comprises indicating to the UORN that the UE will be relayed via the UORN; and further comprises: adjusting uplink link adaptation of the UE based on the received information.

No. of Pages: 39 No. of Claims: 34

(21) Application No.4644/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEMS METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR CRITICALITY THRESHOLD CONTROL

(51) International :G10L19/005,H04L1/00,H04N7/26

classification :61/586007 (31) Priority Document No

:12/01/2012 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/070721

No :19/12/2012 Filing Date

(87) International Publication :WO 2013/106181

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72) Name of Inventor:

1)KRISHNAN Venkatesh 2)SINDER Daniel J.

3)RAJENDRAN Vivek

(57) Abstract:

Systems methods and apparatus as disclosed herein may be implemented to adjust criticality thresholds for speech frames based on channel conditions. Such a threshold may be used to control retransmission frequency in response to changes in channel state.

No. of Pages: 78 No. of Claims: 52

(21) Application No.4758/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: RADIATION DETECTOR

(51) International classification	:G01T1/24	(71)Name of Applicant:
(31) Priority Document No	:61/569833	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:13/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057212	(72)Name of Inventor:
Filing Date	:12/12/2012	1)ENGEL Klaus J ¹ / ₄ rgen
(87) International Publication No	:WO 2013/088352	2)HERRMANN Christoph
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to radiation detector (2) comprising a radiation sensitive semiconductor element (10) generating electron hole pairs in response to an irradiation with radiation (3) an anode electrode(20) arranged on a first surface (11) of the semiconductor element (10) facing away from the radiation said anode electrode (20) being segmented into anode segments (21) representing anode pixels wherein anode gaps (22) are arranged between said anode segments (21) a cathode electrode (30) arranged on a second surface (12) of the semiconductor element (10) opposite the first surface (11) and facing the radiation (3) said cathode electrode (30) being segmented into first and second cathode segments (31 32) wherein said first cathode segments (31) are substantially arranged opposite said anode gaps (22) and a cathode terminal (41 42) providing electrical connections to said first cathode segments (31) and said second cathode segments (32) for coupling different electrical potentials to said first and second cathode segments (31 32). By such an arrangement charge sharing can be effectively reduced.

No. of Pages: 19 No. of Claims: 15

(21) Application No.4539/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: USE OF FORMULATIONS FOR MACHINE DISHWASHING

 (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 	:C11D3/37,C11D1/72 :11192855.2 :09/12/2011 :EPO :PCT/EP2012/074393 :05/12/2012 :WO 2013/083577 :NA :NA :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant:67056 Ludwigshafen Germany (72)Name of Inventor: 1)FISCHER Sonja 2)TROPSCH J¼rgen 3)WEBER Heike 4)ETTL Roland
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(57) Abstract:

122m318242110314The use of formulations comprising (a1) at least one copolymer obtainable through copolymerization of (a1.1) at least one N vinylamide (a1.2) vinyl acetate (a1.3) at least one polyether (a1.4) optionally at least one further comonomer (a2) at least one alkoxylate of the general formula (I) R (OCHCHR)OR where the variables are each defined as follows: R is C C alkyl linear or branched R is C C alkyl in each case the same or different linear or branched or hydrogen R is hydrogen or C C alkyl linear or branched m is 1 to 100 in formulations for machine dishwashing.

No. of Pages: 27 No. of Claims: 14

(21) Application No.4639/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : MIXTURES PARTICULARLY LOW IN VOLATILE ORGANIC COMPOUNDS (VOC) OF OLEFINICALLY FUNTIONALISED SILOXANE OLIGOMERS BASED ON ALKOXY SILANES

(51) International :C08G77/20,C08L83/04,C09D183/04

classification .C08077/20,C08L83/04,C09D183/

(31) Priority Document No :10 2011 086 863.1 (32) Priority Date :22/11/2011

(33) Name of priority country :Germany

(86) International

Application No :PCT/EP2012/072969

Filing Date :19/11/2012

(87) International Publication No :WO 2013/076035

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)EVONIK DEGUSSA GMBH

Address of Applicant :Rellinghauser Strae 1 11 45128 Essen

Germany

(72)Name of Inventor:

1)STANDKE Burkhard 2)WEISSENBACH Kerstin 3)MONKIEWICZ Jaroslaw

4)ROTH Sven

5)NOWITZKI Bernd

6)FRIEDEL Manuel

(57) Abstract:

The invention relates to a composition containing olefinically functionalized siloxane oligomers which are derived from olefinically functionalized alkoxy silanes and optionally alkoxy silanes functionalized with saturated hydrocarbons and optionally a tetraalkoxysilane at most comprising an olefinic group on the silicon atom having a reduced chloride content and the VOC content being lower with respect to the hydrolysable alkoxy groups. The invention also relates to methods for the production thereof and to the use thereof.

No. of Pages: 96 No. of Claims: 33

(21) Application No.4640/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SENSORED CABLE FOR A POWER NETWORK

(51) International classification	:G01R15/06,G01R15/16	(71)Name of Applicant:
(31) Priority Document No	:11194804.8	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:21/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:EPO	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/070569	(72)Name of Inventor:
Filing Date	:19/12/2012	1)WEINMANN Christian
(87) International Publication No	:WO 2013/096424	2)KURZHALS Holger
(61) Patent of Addition to Application	:NA	3)STALDER Michael
Number	:NA	4)EGGERT Sebastian
Filing Date	.IVA	5)WEICHOLD Jens
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Sensored cable (1) for distribution of electrical power in a power network the sensored cable comprising an inner conductor and an insulating layer (10) arranged concentrically around at least an axial section of the inner conductor. The sensored cable further comprises a capacitive voltage sensor (100) for sensing a voltage of the inner conductor characterized by the sensor including a printed circuit board element (60) which is placed over an electrically isolated piece (140) of conductive or semiconductive material arranged on the insulating layer of the cable. The electrically isolated piece (140) of conductive or semiconductive material is operable to form an electrode of a sensing capacitor of the capacitive voltage sensor. The cable may comprise a (semi) conductive layer (20). The electrically isolated piece (40) of conductive or semiconductive material may comprise a portion of the (semi) conductive layer.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: REAL TIME FEEDBACK FOR PREVENTING HIGH DOSE C ARCH GEOMETRY POSITIONS

(51) International classification	:G06F19/00,A61B6/00	(71)Name of Applicant:
(31) Priority Document No	:61/570356	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:14/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056993	(72)Name of Inventor:
Filing Date	:05/12/2012	1)WITHAGEN Petrus Johannes
(87) International Publication No	:WO 2013/088308	2)DEN HARTOG Markus Johannes Harmen
(61) Patent of Addition to Application	:NA	3)HOORNAERT Bart Pierre Antoine Jozef
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an apparatus for aiding operation of an interventional x ray imager during image acquisition to a method of aiding operation of an x ray imager to an interventional x ray imager to a computer program element and to a computer readable medium. The X ray imager is capable of varying X ray dosages depending on differences in X ray attenuation levels across an object of interest to be imaged and is capable of assuming any one of a plurality of imaging geometry positions when acquiring an image. An indication visual acoustic or haptic to the operator of an X ray imager is provided on the incurred change in X ray dosage when changing from a current projection view to an updated projection view provided that a given constant image quality is to be maintained throughout the different views.



No. of Pages: 38 No. of Claims: 23

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: DEVICE FOR CONTROLLING A STORAGE DEVICE

(51) International classification :G05F1/56,G05F1/569,G05F1/62 (71) Name of Applicant:

(31) Priority Document No :PCT/CN2011/083895

(32) Priority Date :13/12/2011 (33) Name of priority country :China

(86) International Application :PCT/IB2012/057160

No

:11/12/2012 Filing Date

(87) International Publication No:WO 2013/088333

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA

Number :NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

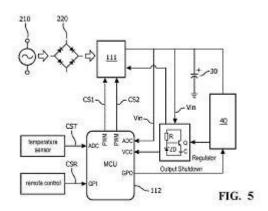
1)SHE Hongjun

2)SUN Yanmeng

3)LI CHENG Tracy

(57) Abstract:

A device for controlling the amount of energy stored in a storage device comprises a control unit that is adapted to adjust the power received via an input of the device based on the amount of energy currently stored in the storage device and that is further adapted to output the adjusted power via an output of the device to the storage device.



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

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PLUG CONNECTOR WITH SHIELDING

(51) International :H01R13/6587,H01R12/58,H01R12/52

:Germany

(31) Priority Document No:10 2011 119 274.7

(32) Priority Date :24/11/2011(33) Name of priority

country

(86) International

Application No :PCT/DE2012/001111

Filing Date :22/11/2012

(87) International Publication No :WO 2013/075693

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)ERNI PRODUCTION GMBH & CO. KG

Address of Applicant :Seestrasse 9 73099 Adelberg Germany

(72)Name of Inventor: 1)LAPP-HN J¹/₄rgen

(57) Abstract:

The invention relates to a plug connector featuring shielding of the signal contacts that are arranged in a contact pattern of differential pairs and that form a contact group together with a shielding element surrounding same. The contact groups are arranged in rows and columns. Each shielding contact includes a shielding element and at least one shielding contact element. Each signal contact includes a blade element and a signal contact element. All shielding contact elements within a row are aligned in a straight line. Each of the signal contact elements of each differential pair are aligned in a straight line that forms a 45° angle with the straight line of the shielding contact elements within the row. An arrangement can comprise two such plug connectors and a circuit board wherein the two plug connectors are rotated 90° relative to each other.

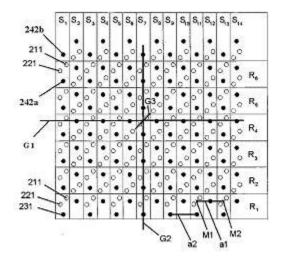


Fig. 6

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

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: OPTICAL ARRANGEMENT WITH DIFFRACTIVE OPTICS

(51) International classification :F21V13/02,G02F1/13357,H01L33/58

(31) Priority Document No :61/576398

(32) Priority Date :16/12/2011
(33) Name of priority :U.S.A.

country

(86) International Application No :PCT/IB2012/056932

Filing Date :04/12/2012

(87) International Publication No :WO 2013/088296

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)**Name of Inventor:**

1)HIKMET Rifat Ata Mustafa

2) VAN BOMMEL Ties

(57) Abstract:

The present invention relates to an optical arrangement (1) comprising an optical chamber (2) comprising a light exit window wherein the chamber is defined by a bottom (21) and at least one surrounding wall (22 23 24 25) and wherein a surface (4a) of the bottom (21) of the chamber (2) is reflective. At least one light source (6) is arranged at the bottom (21) of the chamber (2) and adapted to emit light towards the light exit window. The light exit window of the chamber comprises a luminescent member (10). The optical arrangement (1) further comprises a diffractive member (12) arranged between the light source (6) and the light exit window such that light emitted from the light source towards the light exit window layer is adapted to pass through the diffractive member.

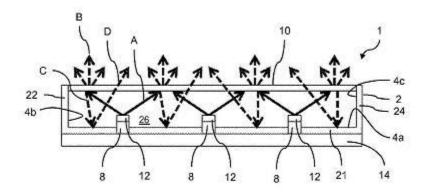


Fig. 1c

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :24/06/2014

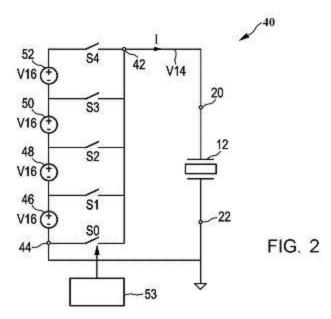
(43) Publication Date: 18/09/2015

(54) Title of the invention : DRIVER DEVICE AND DRIVING METHOD FOR DRIVING A CAPACITIVE LOAD IN PARTICULAR AN ULTRASOUND TRANSDUCER

 (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 	:12/12/2012 :WO 2013/088359 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)VAN RENS Antonia Cornelia
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a driver device (40; 60) for driving a capacitive load (12) in particular an ultrasound transducer (12) having one or more transducer elements comprising an output terminal (42; 68) for providing an alternating drive voltage (V14; V22) to the load (12) a plurality of voltage supply elements (46 48 50 52; 72 74) for providing intermediate voltage levels (VI 6) a plurality of controllable connecting means (S0 S7) each associated to one of the voltage supply elements (46 48 50 52; 72 74) for connecting the voltage supply elements (46 48 50 52; 72 74) to the output terminal (42; 68) and for supplying one of the intermediate voltage levels (V16) or a sum of a plurality of the intermediate voltage levels (V16) as the alternating drive voltage (V14; V22) to the output terminal.



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

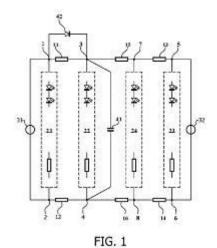
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LIGHT EMITTING DEVICE AND SYSTEM

(51) International classification (31) Priority Document No	:H05B33/08 :61/570976	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:15/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057226	(72)Name of Inventor:
Filing Date	:12/12/2012	1)RADERMACHER Harald Josef G ¹ / ₄ nther
(87) International Publication No	:WO 2013/088361	2)THEUNISSEN Bob Bernardus Anthonius
(61) Patent of Addition to Application	:NA	3)VEENSTRA Hugo
Number	:NA	4)SEMPEL Adrianus
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Devices comprise first and second terminals (1 2) connected to first load circuits (21) comprising first light emitting diodes and third and fourth terminals (3 4) connected to second load circuits (22) comprising second light emitting diodes first connections (11) that interconnect the first and third terminals (1 3) second connections (12) that interconnect the second and fourth terminals (2 4) at least one of the first and second connections (11 12) being a power dissipating connection at least one of the first and second load circuits (21 22) being adapted to receive first power from a source (31) via the first and second connections (11 12) and capacitors (41) coupled in parallel to the second load circuits (22) for storing energy received via elements (42) with current direction dependencies and for providing second power to at least the second load circuit (22).



No. of Pages: 20 No. of Claims: 15

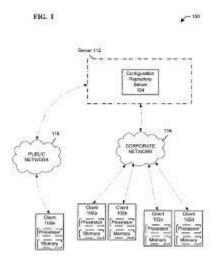
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEPLOYMENT AND UPDATING OF APPLICATIONS AND DRIVERS ON A CLIENT DEVICE USING AND EXTENSIBLE MARKUP LANGUAGE (XML) CONFIGURATION FILE

 (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 	:13/305653 :28/11/2011 :U.S.A.	(71)Name of Applicant: 1)WYSE TECHNOLOGY L.L.C. Address of Applicant: 3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor: 1)MALLUR Muralidhara 2)BANDAKKA Jyothi 3)TUKOL Sannati
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	3)TUKOL Sanmati

(57) Abstract:

The deployment and updating of applications and drivers on a client device having a write filter is described. A first deployment extensible markup language (XML) configuration file is obtained for deploying a first application or driver at the client device. A first application or driver is deployed on the client device based on the first deployment XML configuration file while the write filter of the client device is disabled. The write filter is enablable to prohibit a file stored on the client device with the write filter enabled from persisting across a reboot of the device. Following the deployment automatic updating is performed by determining whether an autoupdate is available obtaining a second deployment XML configuration file for updating the first application or driver and updating the first application or driver based on the second deployment XML configuration file while the write filter is disabled. The automatic updating may be repeated.



No. of Pages: 181 No. of Claims: 24

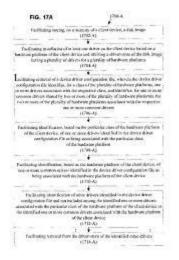
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : CREATION OR INSTALLATION OF A DISK IMAGE FOR A TARGET DEVICE HAVING ONE OF A PLURALITY OF HARDWARE PLATFORMS

 (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 	:G06F9/445 :13/305528 :28/11/2011 :U.S.A. :PCT/US2012/050973 :15/08/2012 :WO 2013/081681	(71)Name of Applicant: 1)WYSE TECHNOLOGY L.L.C Address of Applicant: 3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor: 1)MALLUR Muralidhara 2)BANDAKKA Jyothi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)TUKOL Sanmati

(57) Abstract:

The installation of a disk image onto a client device having a hardware platform of a particular class is described where the disk image includes a driver store having a plurality of drivers for a plurality of hardware platforms. The disk image is stored on the client device and at least one driver from the driver store is installed on the client device based on the hardware platform of the client device. A device driver configuration file is retrieved wherein the device driver configuration file identifies one or more drivers associated with a class of hardware platforms and identifies one or more common drivers shared by two or more of the plurality of hardware platforms. Drivers identified in the device driver configuration file and that are neither associated with the class of the client device nor associated with the platform of the client device are removed from the driver store.



No. of Pages: 186 No. of Claims: 36

(21) Application No.4655/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : A RECOMBINANT KOI HERPESVIRUS (KHV) AND VACCINE FOR THE PREVENTION OF A DISEASE CAUSED BY KHV

 (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 	:20/12/2012 :WO 2013/098214 :NA :NA	(71)Name of Applicant: 1)UNIVERSIT‰ DE LI^GE Address of Applicant :Interface Enterprices Universit Li^ge Science Park Avenue Pr Aily 4 B 4031 Angleur Belgium (72)Name of Inventor: 1)VANDERPLASSCHEN Alain Francis Claude
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Cyprinus carpio Cyprinus carpio koi. The present invention relates to a recombinant Koi herpesvirus (KHV) methods for the production of such KHV cells comprising such KHV and the use of such KHV as vector and in vaccines for the prevention and/or therapeutic treatment of a disease in fish caused by Koi herpesvirus in carp such as or

No. of Pages: 58 No. of Claims: 15

(21) Application No.4765/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: NON SIALYLATED ANTI INFLAMMATORY POLYPEPTIDES

 (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 	:A61K39/395 :61/577361 :19/12/2011 :U.S.A. :PCT/US2012/068718 :10/12/2012 :WO 2013/095966 :NA :NA	(71)Name of Applicant: 1)THE ROCKEFELLER UNIVERSITY Address of Applicant: New York NY 10065 U.S.A. (72)Name of Inventor: 1)RAVETCH Jeffrey V. 2)PINCETIC Andrew
•	:NA :NA	

⁽⁵⁷⁾ Abstract:

This invention concerns anti inflammatory agents compositions and methods for treating inflammatory disorders.

No. of Pages: 40 No. of Claims: 26

(22) Date of filing of Application :24/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR ENHANCING USE OF REACTOR VOLUME IN CONNECTION WITH HYDROMETALLURGICAL LEACHING

 (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 	:C22B3/04,C22B3/20 :20116309 :22/12/2011 :Finland :PCT/FI2012/051260 :18/12/2012 :WO 2013/093194 :NA :NA	(71)Name of Applicant: 1)OUTOTEC (FINLAND) OY Address of Applicant:Puolikkotie 10 FI 02230 Espoo Finland (72)Name of Inventor: 1)HAAKANA Timo 2)SAX%N Bjrn 3)TIIHONEN Jari
- 14		

(57) Abstract:

The invention relates to a method for enhancing reactor volume use in a leaching stagein a hydrometallurgical process. According to the method a concentrate or cal cine leaching stageis carried out primarily using a plurality of reactors arranged in series one or more reactors being provided with liquid solid matter separation and the sepa rated solid matter being transferred to one of the reactors in the leaching stage. Figure 2

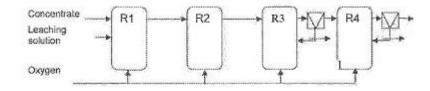


Figure 2

No. of Pages: 22 No. of Claims: 26

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE PROTECTING STRUCTURE FOR A SADDLE TYPE VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	(72)Name of Inventor: 1)BURRA TIRUMALA SRIKAR 2)KURMAM SHANMUKHA PRADEEP
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)NITHIN MADHAV 4)YOGESH CHANDRAKANT KOTNIS

(57) Abstract:

The present subject matter discloses a vehicle protecting structure 70 for protecting a saddle type vehicle with swinging power unit from scratches and protect the vehicle constituents in case of a fall, collision or external impact. It comprises of a side cover protecting member 83, a frame mounting bracket 72, a rear lamp protecting member 78 and a rear cover protecting member 79. The vehicle protecting structure is commonly mounted on the vehicle frame along with a side trim member 14 and is also supported on a rear fender 27. [Abstract to be published with FIG. 3]

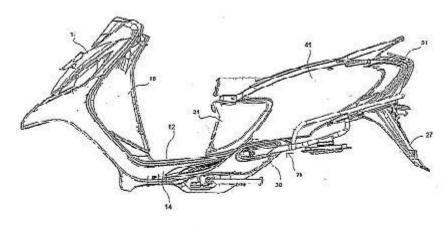


FIG. 3

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: THIENOPYRIMIDINE INHIBITORS OF ATYPICAL PROTEIN KINASE C

(51) International :C07D495/04,C07D495/14,A61K31/519 classification

(31) Priority Document :61/563310

(32) Priority Date :23/11/2011 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2012/065831

Application No :19/11/2012 Filing Date

(87) International :WO 2013/078126

Publication No (61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to :NA **Application Number**

:NA

(71)Name of Applicant:

1)CANCER RESEARCH TECHNOLOGY LIMITED

Address of Applicant :Sardinia House Sardinia Street London

Greater London WC2A 3 NL U.K.

2) CEPHALON INC.

(72)Name of Inventor:

1)DORSEY Bruce D.

2) LEARN Keith S.

3)MORRIS Emma L.

4)OTT Gregory R.

5)ROFFEY Jonathan R.

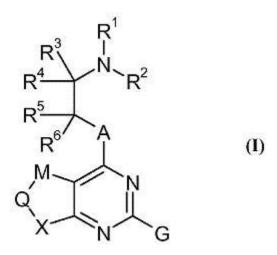
6)SOUDY Christelle N.

7) WAGNER Jason C.

(57) Abstract:

Filing Date

The present invention provides a compound of formula (I) or a salt thereof wherein R R R R R R R G M O and X are as defined herein. A compound of formula (I) and its salts have a PKC inhibitory activity and may be used to treat proliferative disorders.



No. of Pages: 473 No. of Claims: 20

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD OF FORMING OPTOELECTRONIC DEVICE HAVING A STABILIZED METAL OXIDE LAYER

 (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 31/0264 :61/570954 :15/12/2011 :U.S.A. :PCT/US2012/068354 :07/12/2012 :WO 2013/090131	(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)MALEK Andrzej M. 2)BRYDEN Todd R.
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	3)LEBARON Peter C.

(57) Abstract:

The present invention is a method comprising depositing a metal oxide layer as part of the production of an optoelectrically active device and exposing the metal oxide layer to a reactive agent to form a relatively hydrophobic surface. The invention also includes device so made preferably a photovoltaic device which shows improved stability as compared to devices not subject to the treatment.

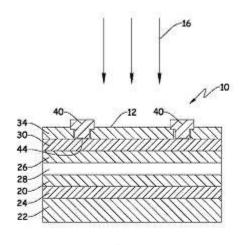


Fig. 1

No. of Pages: 13 No. of Claims: 10

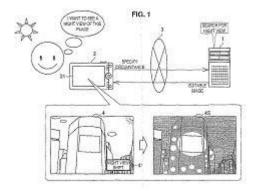
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SERVER CLIENT TERMINAL SYSTEM AND RECORDING MEDIUM

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:2011285204	1)SONY CORPORATION
(32) Priority Date	:27/12/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/079930	(72)Name of Inventor:
Filing Date	:19/11/2012	1)SAKO Yoichiro
(87) International Publication No	:WO 2013/099472	2)TAKEHARA Mitsuru
(61) Patent of Addition to Application	:NA	3)MIYAJIMA Yasushi
Number Eiling Data	:NA	
Filing Date (62) Divisional to Application Number	.NI A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[Problem] To provide a server client terminal system and recording medium that can provide an image of an object conforming to conditions specified by a user. [Solution] A server is provided with: a receiving unit that receives information from a client terminal related to user specified conditions for an object; a retrieval unit that retrieves an image of the object conforming to the user specified conditions for the object that are received by the receiving unit; and a transmitting unit that sends the image retrieved by the retrieval unit to the client terminal.



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

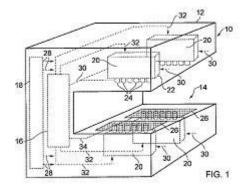
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: GAS PLASMA DISINFECTION AND STERLISATION APPARATUS

(51) International classification	:A61L2/14	(71)Name of Applicant:
(31) Priority Document No	:1120278.5	1)CREO MEDICAL LIMITED
(32) Priority Date	:24/11/2011	Address of Applicant :Riverside Court Beaufort Park Way
(33) Name of priority country	:U.K.	Chepstow Gwent NP16 5UH U.K.
(86) International Application No	:PCT/GB2012/052822	(72)Name of Inventor:
Filing Date	:14/11/2012	1)HANCOCK Christopher Paul
(87) International Publication No	:WO 2013/076458	2)MORRIS Steven
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A sterilisation or disinfecting system in which non thermal plasma is generated in pulses in which pulses of microwave frequency energy are used to sustain each plasma pulse and a detectable characteristic of each pulse of microwave energy is used to trigger a radiofrequency strike pulse which strikes the plasma. The system includes a strike signal generation circuit arranged to condition and/or process the signal from the microwave signal coupler to form a control signal based on the detectable characteristic which may be the rising edge or amplitude of the pulse.



No. of Pages: 43 No. of Claims: 28

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TECHNIQUES FOR IMPROVED MULTICAST CONTENT DELIVERY

(51) International classification	:H04W4/06	(71)Name of Applicant:
(31) Priority Document No	:61/591641	1)INTEL CORPORATION
(32) Priority Date	:27/01/2012	Address of Applicant :2200 Mission College Boulevard Santa
(33) Name of priority country	:U.S.A.	Clara CA 95054 U.S.A.
(86) International Application No	:PCT/US2013/023254	(72)Name of Inventor:
Filing Date	:25/01/2013	1)OYMAN Ozgur
(87) International Publication No	:WO 2013/112909	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques for improved multicast content delivery are described. In some embodiments for example an apparatus includes a processor circuit a communication component operative by the processor circuit to receive a data transmission containing a description segment and a correspondence segment a correspondence processing component operative by the processor circuit to determine a plurality of multicast content streams representing different versions of a media content based on the correspondence segment and a selection component operative by the processor circuit to select and receive one or more of the plurality of multicast content streams based on characteristics identified in the description segment. In various such embodiments the apparatus includes an adaptation component operative by the processor circuit to adaptively switch across the plurality of multicast content streams for reception and processing based on characteristics identified in the description segment. Other embodiments are described and claimed.

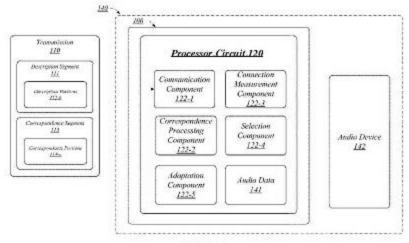


FIG. 1

No. of Pages: 45 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4646/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR OPTIMIZING RUN CURVE OF MOTION OF VEHICLE AND METHOD FOR DETERMINING OPTICAL SEQUENCE

(51) International :B61L27/04,G05B13/02,G06F17/13

classification

(31) Priority Document No :13/324075 (32) Priority Date :13/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/JP2012/074317

No :14/09/2012 Filing Date

(87) International Publication: WO 2013/088811

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)MITSUBISHI ELECTRIC CORPORATION

Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku

Tokyo 1008310 Japan (72)Name of Inventor: 1)NIKOVSKI Daniel

2)LIDICKY Bernard

(57) Abstract:

A method determines a run curve of a motion of a vehicle as a function of at least a speed of the vehicle and a position of the vehicle in a continuous space. First the method determines Markov decision process (MDP) with respect to a set of anchor states selected from the continuous space such that a control moving the vehicle to a state transitions the MDP to an anchor state with a probability determined as a function of a distance between the anchor state and the state in the continuous space and solves the MDP subject to constraints to determine an MDP policy optimizing a cost function representing a cost of the motion of the vehicle. Next the method determines the run curve based on the MDP policy.

No. of Pages: 53 No. of Claims: 20

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ELECTRIC ARC FURNACE AND METHOD FOR OPERATING SAME

(51) International classification :H05B7/109,H05B7/14
(31) Priority Document No :102011087065.2
(32) Priority Date :24/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/072707

Filing Date :15/11/2012 (87) International Publication No :WO 2013/075999

(61) Patent of Addition to Application
Number
:NA

nber :NA
Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant : 1)SMS SIEMAG AG

Address of Applicant :Eduard Schloemann Strae 4 40237

D¹/₄sseldorf Germany (72)**Name of Inventor:**

1)KLEINSCHMIDT Guido

2)BADER Jan 3)SCHMALE Klaus 4)BEST Rolf

5)BERGS Alexander 6)HENKEL Thomas 7)STRIEDER Detlef 8)STARKE Peter 9)ERTL Markus 10)KUNZE J¹/₄rgen

(57) Abstract:

The invention relates to an electric arc furnace and a method for operating same. The electric arc furnace comprises a lower vessel and a lid 120 placed on said lower vessel. The lower vessel has a tapping device for tapping molten metal. At least one electrode protrudes through the lid into the interior of the electric arc furnace said electrode being held by an electrode holding device. A voltage supply device 150 is provided for supplying an electric direct current or alternating current to the electrode 130. The aim of the invention is to allow a continuous operation of the electric arc furnace. This is achieved in that the electrode holding device has an electrode adjusting device for adjusting the electrode dependent on the wear of the electrode and an electrode nippling device for nippling the electrode during the operation of the electric arc furnace. According to the invention both the electrode adjusting device as well as the electrode nippling device 144 operate when the supply voltage of the electrode is switched on.

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

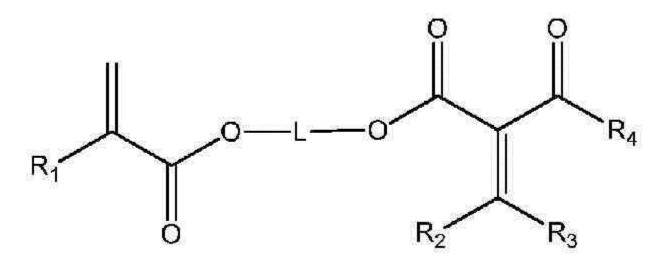
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : ETHYLENE BASED POLYMERS WITH IMPROVED MELT STRENGTH AND PROCESSES FOR THE SAME

(51) International classification :C08F2/38,C08F4/38,C08F210/02 | (71) Name of Applicant : (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/579067 (32) Priority Date :22/12/2011 Address of Applicant :2040 Dow Center Midland MI 48674 (33) Name of priority country :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2012/068727 1)OSBY John O. :10/12/2012 Filing Date 2)EWART Sean W. (87) International Publication :WO 2013/095969 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention provides an ethylene based polymer formed from at least the following: ethylene and a monomeric chain transfer agent (monomeric CTA) selected from Structure 1: wherein L is selected from a saturated hydrocarbon a substituted saturated hydrocarbon or a substituted unsaturated hydrocarbon; R1 is selected from hydrogen a saturated hydrocarbon as substituted saturated hydrocarbon or a substituted unsaturated hydrocarbon; R2 is selected from hydrogen a saturated hydrocarbon or a substituted saturated hydrocarbon; R3 is selected from hydrogen a saturated hydrocarbon or a substituted saturated hydrocarbon; and R4 is selected from a saturated hydrocarbon a substituted saturated hydrocarbon or a substituted unsaturated hydrocarbon or a substituted unsaturated hydrocarbon or a substituted unsaturated hydrocarbon.



No. of Pages: 31 No. of Claims: 15

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING RANDOM ACCESS ON A SECONDARY CARRIER

:H04W56/00,H04W74/00 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OUALCOMM INCORPORATED :61/587556 (32) Priority Date Address of Applicant : ATTN: International IP Administration :17/01/2012 (33) Name of priority country :U.S.A. 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (86) International Application No :PCT/US2013/021561 (72) Name of Inventor: Filing Date :15/01/2013 1)DAMNJANOVIC Jelena M. (87) International Publication No :WO 2013/109531 2)GAAL Peter (61) Patent of Addition to Application 3)CHEN Wanshi :NA Number 4)DAMNJANOVIC Aleksandar :NA Filing Date 5)KITAZOE Masato (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and apparatus are described herein for synchronizing timing when using a secondary component carrier (SCC) in a carrier aggregated wireless network. A user equipment (UE) may determine that it is out of synchronization with respect to an SCC used to communicate with a network element. The UE may inform the network element of the out of synchronization status and may perform a random access procedure to synchronize the timing.

No. of Pages: 51 No. of Claims: 64

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

(43) Publication Date: 18/09/2015

(54) Title of the invention : VIRTUAL MONEY BALANCE BYPASS INQUIRY METHOD SYSTEM AND COMPUTER READABLE STORAGE MEDIUM

(51) International classification (31) Priority Document No	:G06F17/30,G06Q20/12 :201110387492.0	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:29/11/2011	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2012/085425	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:28/11/2012	China
(87) International Publication No	:WO 2013/078990	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)DENG Jianwei
Number	:NA	2)FAN Ke
Filing Date	.IVA	3)ZHOU Jun
(62) Divisional to Application Number	:NA	4)ZHANG Ding
Filing Date	:NA	

(57) Abstract:

Provided is a virtual money balance bypass inquiry method comprising: receiving a purchase demand submitted by a client side the purchase demand containing the sum to be paid; receiving a balance inquiry request asynchronously transmitted by the client side the balance inquiry request carrying the sum to be paid; inquiring the balance in a user account according to the balance inquiry request and obtaining a result token by comparing the balance in the user account with the sum to be paid; asynchronously returning the result token to the client side. Also provided are a virtual money balance bypass inquiry system and computer readable storage medium. The present invention inquires the balance via a bypass moves the user account balance inquiry to a commodity selection stage prior to payment confirmation thus improving system payment success rate for a transaction and further improving transaction payment performance due to the utilization of asynchronous balance inquiry.

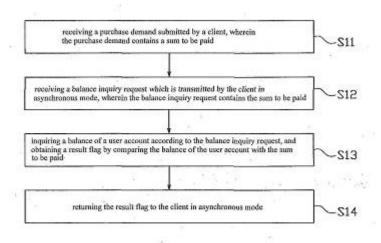


Fig. 1

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

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: COMMUNICATION CONTROL DEVICE COMMUNICATION METHOD COMMUNICATION TERMINAL AND PROGRAM

(51) International classification :H04W28/04,H04W24/10 (71)Name of Applicant : (31) Priority Document No :2011288781 (32) Priority Date :28/12/2011 (33) Name of priority country :Japan

:PCT/JP2012/008229 (86) International Application No Filing Date :25/12/2012

(87) International Publication No :WO 2013/099202

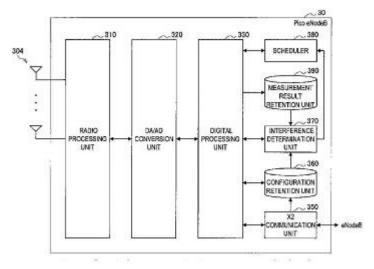
(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(72) Name of Inventor: 1)TAKANO Hiroaki

(57) Abstract:

Components and operations of a wireless communication system are disclosed. Components of a wireless communication system may include a base station a communication control device and a terminal device. The base station may send configuration information to the communication control device and the communication control device may send the configuration information to the terminal device. The configuration information may indicate a first protection status associated with frames. The terminal device may obtain measurement results indicating signal quality associated with one or more of the frames. The terminal device may send measurement information to the communication control device. The measurement information may depend on the measurement results. The communication control device may determine based at least in part on the measurement information whether to associate one or more of the frames with a second protection status.



No. of Pages: 59 No. of Claims: 31

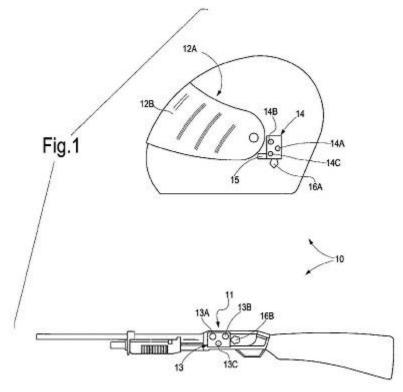
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AIMING SYSTEM

(51) International classification	:F41G3/16,F41G3/22	(71)Name of Applicant:
(31) Priority Document No	:FI2011A000266	1)SELEX ES S.P.A.
(32) Priority Date	:09/12/2011	Address of Applicant :Via Tiburtina km 12400 I 00131 Roma
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/EP2012/074831	(72)Name of Inventor:
Filing Date	:07/12/2012	1)ELEFANTE Alessandro
(87) International Publication No	:WO 2013/083796	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aiming system for portable weapons comprising pairs of inertial sensors of gyroscopic accelerometer and magnetometric type arranged respectively on a weapon and on an helmet with Head Up Display so as to determine both the relative orientation and the relative position in space of the weapon and of the helmet with consequent display of the line of fire on the Head Up Display.



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

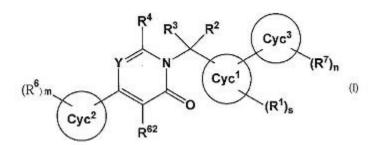
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PYRIDINONE AND PYRIMIDINONE DERIVATIVES AS FACTOR XIA INHIBITORS

(51) International classification	:C07D401/14,C07D471/04,C07D487/04	(71)Name of Applicant: 1)ONO PHARMACEUTICAL CO. LTD.
(31) Priority Document No	:1122139.7	Address of Applicant :1 5 Doshomachi 2 chome Chuo ku Osaka shi Osaka 541 8526 Japan
(32) Priority Date	:21/12/2011	(72)Name of Inventor:
(33) Name of priority	:U.K.	1)COURTNEY Steve
country	.U.K.	2)YARNOLD Chris
(86) International	:PCT/GB2012/053217	3)FLANAGAN Stuart
Application No	:20/12/2012	4)BRACE Gareth
Filing Date	.20/12/2012	5)BARKER John
(87) International	:WO 2013/093484	6)ICHIHARA Osamu
Publication No		7)GADOULEAU Elise
(61) Patent of Addition to	·NA	8)RICHARDSON Anthony
Application Number	:NA	9)KONDO Takashi
Filing Date	.11/21	10)IMAGAWA Akira
(62) Divisional to	:NA	11)NAKATANI Shingo
Application Number	:NA	12)SUZUKI Ryo
Filing Date	111/11	13)KOUYAMA Sho

(57) Abstract:

The present invention provides compounds of the general formula (I) their salts and N oxides and solvates and prodrugs thereof (wherein the characters are as defined in the description). The compounds of the general formula (I) are inhibitors of Factor XIa so that they are useful in the prevention of and/or therapy for thromboembolic diseases.



No. of Pages: 602 No. of Claims: 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4783/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FIRE RESISTANT COMPOSITE STRUCTURE

 (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 	:NA :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 Dow Center Midland Michigan 48674 U.S.A. (72)Name of Inventor: 1)LIU Junqiang 2)MATTEUCCI Scott T. 3)CIESLINSKI Robert C. 4)VAIRO Giuseppe 5)BERTUCELLI Luigi 6)WILLIAMS David M.
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(57) Abstract:

The present invention relates to fire resistant composite structures. As an example a fire resistant composite structure can have a foam material located between a first facing and a second facing and a barrier layer on the foam material. The barrier layer can include an adhesive material and a heat absorption material where the heat absorption material has a melting point of 40°C to 140°C and is 15 weight percent to 99 weight percent of the barrier layer.

No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: HEAT EXCHANGE MATRIX

(51) International :F28D19/04,B01J19/32,B21D53/04 classification

(31) Priority Document No :2007827 (32) Priority Date :21/11/2011 (33) Name of priority country: Netherlands

(86) International Application :PCT/NL2012/050830

:21/11/2012 Filing Date

(87) International Publication :WO 2013/095105

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)OXYCOM BEHEER B.V.

Address of Applicant : Heesweg 37 NL 8102 HJ Raalte

Netherlands

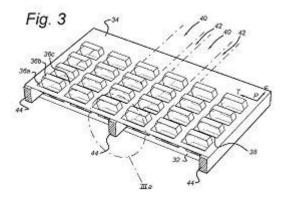
(72) Name of Inventor:

1)HAKBIJL Mark

2) REINDERS Johannes Antonius Maria

(57) Abstract:

A heat exchange matrix comprises a plurality of generally planar foils (32 34) comprising a water retaining material arranged in spaced substantially parallel relationship. Each foil (32 34) defines a main plane (P) having a flow direction (F) and a transverse direction (T) and the foils (23 34) comprise strips (36a 36b 36c) that extend a strip length in the transverse direction (T) and are separated from each neighbouring strip (36a 36b 36c) in the flow direction (F) and each strip (36a 36b 36c) is offset from the main plane (P) by a distance that is different from that of its neighbour. The matrix may be provided in a flow channel for air to be humidified and cooled.



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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR PRODUCING A TOW

(51) International classification	:D01D 5/088, D01D 13/02	(71)Name of Applicant: 1)OERLIKON TEXTILE GMBH & CO. KG
(31) Priority Document No	:10 2011 119 496.0	Address of Applicant :Leverkuser Strasse 65 42897
(32) Priority Date	:26/11/2011	Remscheid Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/072862	1)INGWERSEN Johannes
Filing Date	:16/11/2012	2)SCHTT G ¹ / ₄ nter
(87) International Publication No	:WO 2013/076017	3)WAWRA Thorsten
 (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 device for producing a tow from a plurality of extruded fiber bundles comprising multiple melt spinning stations arranged in a row. Each melt spinning station has a spinneret for extruding one of the fiber bundles wherein multiple preparation devices and a draw off device for drawing and combining all the fiber bundles are associated with the melt spinning stations. The extruded fiber strands are cooled below the melt spinning station by means of multiple blowing tubes which are connected to a cooling conducting device. The aim of the invention is to obtain a constant individual setting of the cooling air flow per melt spinning station. According to the invention this is achieved in that the cooling conducting device consists of multiple controllable cooling air stations for generating multiple cooling air flows said cooling air stations being connected to at least one of the blowing tubes independently of one another.

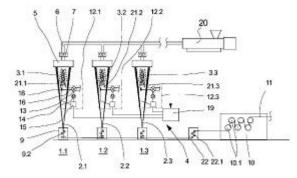


Fig.2

No. of Pages: 19 No. of Claims: 9

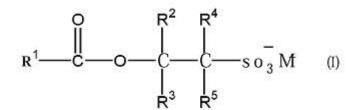
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITION AND METHOD

(51) International classification	:C11D1/12,C11D17/00	(71)Name of Applicant:
(31) Priority Document No	:1122195.9	1)INNOSPEC LIMITED
(32) Priority Date	:22/12/2011	Address of Applicant :Innospec Manufacturing Park Oil Sites
(33) Name of priority country	:U.K.	Road Ellesmere Port Cheshire CH65 4EY U.K.
(86) International Application No	:PCT/GB2012/053207	(72)Name of Inventor:
Filing Date	:20/12/2012	1)DIXON Nicholas John
(87) International Publication No	:WO 2013/093475	2)RIGBY Amy Helena
(61) Patent of Addition to Application	:NA	3)TIMMERMAN Debbie Lorraine
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A solid personal care composition comprising at least 60 wt% of one or more solid surfactants of which at least 10 wt% comprises one or more compounds of formula (I) wherein R represents a C substituted or unsubstituted hydrocarbyl group; each of R R R and R independently represents a hydrogen atom or a C alkyl group and wherein at least one of R R R and R is not hydrogen; and M+ represents a cation.



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

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: RETORTABLE EASY OPENING SEALS FOR PACKAGING FILM

(51) International classification: B32B7/06,B32B27/08,B32B27/32 (71) Name of Applicant:

(31) Priority Document No :61/580815 (32) Priority Date :28/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/071825

No :27/12/2012 Filing Date

(87) International Publication :WO 2013/101931

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

U.S.A.

(72) Name of Inventor:

1)BILLOUARD Cyrille 2)PARKINSON Shaun

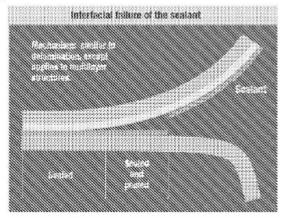
3)WU Xiaosong

4)GARNETT John W.

(57) Abstract:

The multilayer film comprises a first outer layer which is heat sealable. The first outer layer comprises from 95 to 100 percent (by weight of the first outer layer) of a first polymer said first polymer being derived from propylene monomer and optionally one or more comonomers selected from the group consisting of ethylene and C4 C8 alpha olefins. The first polymer should have a melting point of at least 125C. The multilayer film further comprises an inner portion adjacent to the first outer layer. The inner portion may be a single layer or may comprise several layers. At least one layer of the inner portion comprises an elastomeric propylene based polymer (EPBP). Further at least one layer of the inner portion comprises a second polymer wherein the second polymer is selected from the group consisting of high pressure low density polyethylene high density polyethylene ethylene acrylic acid copolymers ethylene (meth) acrylic acid copolymers and combinations thereof. The second polymer may be together with the EPBP in the same layer or may be in a separate layer. It is also contemplated that the inner portion may optionally comprise one or more additional layers which may or may not contain EPBP or the second polymer. The multilayer film further comprises a second outer layer arranged so that the inner portion is encapsulated between the first outer layer and the second outer layer. The second outer layer comprises a third polymer wherein said third polymer is selected from the group consisting of homopolymer polypropylene random copolymer polypropylene and impact copolymer polypropylene and blends thereof.

Figure 2



No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : MELT BLOWING PROCESS LOW SHRINKAGE MELT BLOWN POLYMER FIBERS AND FIBROUS STRUCTURES AND MELT BLOWABLE POLYMER COMPOSITIONS

(51) International classification :D01F6/62,D01F1/10,D01D5/098 (71) Name of Applicant: :61/579008 (31) Priority Document No 1)3M INNOVATIVE PROPERTIES COMPANY (32) Priority Date :22/12/2011 Address of Applicant :3M Center Post Office Box 33427 Saint (33) Name of priority country Paul Minnesota 55133 3427 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2012/070764 1)FEDOROVA Nataliva V. :20/12/2012 Filing Date 2)MOORE Eric M. (87) International Publication 3)NAM Sehvun :WO 2013/096529 4)PERCHA Pamela A. (61) Patent of Addition to 5)TALWAR Sachin :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A melt blowing process comprising: (a) providing a thermoplastic polymer material that includes at least one or a plurality of polyester polymers and at least one or a combination of different meltable metal phosphinates; and (b) melt blowing the thermoplastic polymer material into at least one fiber or a plurality of fibers with each fiber having a diameter or thickness that is less than about 10 microns. The metal phosphinate is in an amount that (a) reduces the viscosity of the polyester polymer and (b) functions as a crystallizing agent which at least promotes crystallization of the polyester polymer when the thermoplastic polymer material is melt blown into the at least one fiber. Non woven and woven fibrous structures can be made using fibers made from this process.

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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD OF SUPPORTING MULTI HOMING IN A SENSOR 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 	:H04W36/00 :201110382738.5 :25/11/2011 :China :PCT/IB2012/002683 :16/11/2012 :WO 2013/076575 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)YANG Shuigen 2)ZHENG Jun.b. 3)BIN Fanxiang 4)WEN Haibo
. ,		, ,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method of Supporting Multi homing in a Ubiquitous Sensor Network The present invention provides a method for supporting multi homing in a ubiquitous sensor network. In the method a sensor network gateway sends a configuration request to a sensor network controller the configuration request being for querying whether a sensor network governed by the sensor network gateway supports multi homing; then the sensor network gateway receives a configuration file from the sensor network controller the configuration file being for indicating whether the sensor network supports multi homing; when the sensor network supports multi homing a binding update message is sent to the sensor network controller wherein the binding update message comprises an identifier of the sensor network and an indicator for indicating that the sensor network supports multi homing. By adopting the solution of the present invention the sensor node or sensor network is enabled to simultaneously access to the Internet in a multi interface manner.

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

(22) Date of filing of Application :25/06/2014

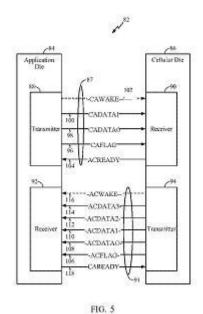
(43) Publication Date: 18/09/2015

(54) Title of the invention : MULTI LANE HIGH SPEED INTERFACES FOR HIGH SPEED SYNCHRONOUS SERIAL INTERFACE (HSI) AND RELATED SYSTEMS AND METHODS

 (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 	:25/01/2013 :WO 2013/112946	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)SHACHAM Assaf 2)GIL Amit
	:WO 2013/112946 :NA :NA :NA :NA	2)GIL Amit

(57) Abstract:

Multi lane high speed interfaces for a modified High Speed Synchronous Serial (HSI) system and related systems methods are disclosed. In one embodiment electronic device using a modified HSI protocol comprises a transmit communications interface. The transmit communications interface comprises a data path configured to carry data from the electronic device a ready path configured to carry an HSI protocol compliant READY signal and a flag path configured to carry an HSI protocol compliant FLAG signal indicative of repeated bit values of data carried on the data path. The transmit communications interface further comprises one or more additional data paths configured to carry additional data from the electronic device in parallel with the data carried by the data path such that the data path and the one or more additional data paths.



No. of Pages: 27 No. of Claims: 24

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS AND APPARATUS RELATING TO CONNECTION AND / OR SESSION ESTABLISHMENT DECISIONS

(51) International classification :H04W76/02,H04W84 (31) Priority Document No :13/350396 (32) Priority Date :13/01/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/021273

Filing Date :11/01/2013
(87) International Publication No :WO 2013/106735

(61) Patent of Addition to Application :NA

Number
Filing Date

(62) Divisional to Application Number
Filing Date

:NA

:NA

:H04W76/02,H04W84/18 (71)Name of Applicant :

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

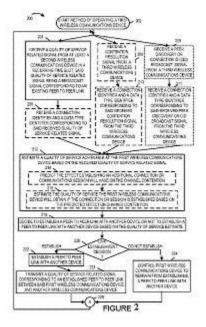
(72)Name of Inventor:

1)MAGULURI Siva Theja 2)SUBRAMANIAN Sundar

3)WU Xinzhou

(57) Abstract:

Wireless communications devices with existing peer to peer links transmit e.g. in accordance with a recurring schedule quality of service related information corresponding to the existing links. The transmitted quality of service related information is e.g. information indicating an obtained quality of service for the existing link. In some embodiments quality of service related information is communicated in one of: a peer discovery signal a connection ID broadcast signal and a contention resolution signal. A wireless communications device seeking to establish a new peer to peer link receives quality of service related information corresponding to existing links and estimates a quality a service achievable on the new desired potential link based on the received quality of service related information. The wireless communications device decides whether or not to establish the new peer to peer link based on its quality of service estimate.



No. of Pages: 57 No. of Claims: 20

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR TREATING BREAST CANCER

(51) International :A61K39/395,A61K31/7088,A61K47/48 classification

(31) Priority Document :61/584629

(32) Priority Date :09/01/2012

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

country

(86) International :PCT/CA2013/000011

Application No :09/01/2013 Filing Date

(87) International

:WO 2013/104050 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ALETHIA BIOTHERAPEUTICS INC.

Address of Applicant: 141 Prsident Kennedy Avenue Suite SB

5100 Montral Qubec H2X 1Y4 Canada

(72)Name of Inventor:

1)TREMBLAY Gilles Bernard

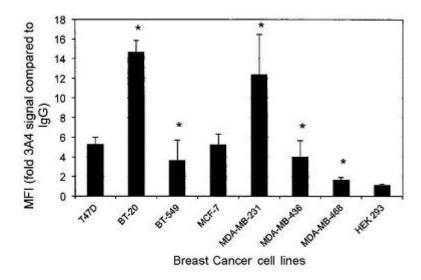
2)MORAITIS Anna N.

3)FILION Mario

(57) Abstract:

Breast cancer cells lacking ER protein expression PgR protein expression and/or showing absence of HER2 protein over expression (i.e. triple negative breast cancer cells basal like) can be efficiently targeted with an anti KAAG1 antibody and killed upon delivery of a therapeutic moiety. Antibodies and antigen binding fragments that specifically binds to KAAG1 may thus be used for the detection and therapeutic treatment of breast cancer cells that are negative for at least one of these markers. The use of antibody conjugates in the treatment of triple negative breast cancer and/or basal like breast cancer is disclosed herein.

Figure 11



*, TNBC cell lines

No. of Pages: 162 No. of Claims: 39

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

(43) Publication Date: 18/09/2015

(54) Title of the invention: LEAK FREE ROTARY VALVE WITH INTERNAL WORM GEAR

 (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 	:F16K31/02 :13/310733 :03/12/2011 :U.S.A. :PCT/US2012/066884 :28/11/2012 :WO 2013/082178 :NA :NA	(71)Name of Applicant: 1)BIG HORN VALVE INC. Address of Applicant:1664 Terra Ave. #5 Sheridan WY 82801 U.S.A. (72)Name of Inventor: 1)BURGESS Kevin 2)YAKOS David 3)WALTHALL Bryan
Number		3)WALTHALL Bryan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotary valve assembly comprising a leak free enclosure containing a worm gear and a pinion gear an adapter plate that is situated between a rotary valve body and the enclosure and that secures the rotary valve body in the enclosure and a magnetic actuator assembly. The worm gear engages with the pinion gear such that when the worm gear rotates the pinion gear rotates as well. The enclosure is situatted between the magnetic actuator assembly and the rotary valve body A shaft extends through the center of the pinion gear and causes a valve within the rotary valve body to open and close based on rotation of the shall. In an alternate embodiment the invention is a rotary valve as described above with an integral adapter plate.

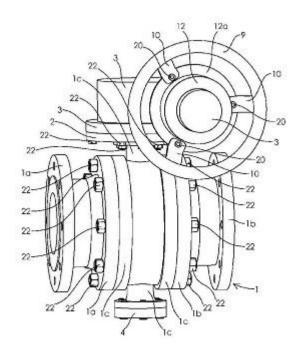


FIG. 1

No. of Pages: 52 No. of Claims: 24

UTILITY METRIC

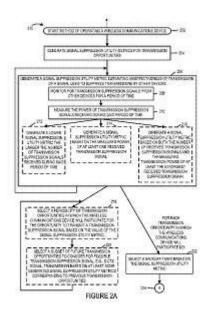
(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND APPARATUS FOR GENERATING AND/OR USING A SIGNAL SUPPRESSION

(51) International classification	:H04W74/08	(71)Name of Applicant:
(31) Priority Document No	:13/349262	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/01/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/021284	(72)Name of Inventor:
Filing Date	:11/01/2013	1)TAVILDAR Saurabh
(87) International Publication No	:WO 2013/106745	2)WU Zhibin
(61) Patent of Addition to Application	:NA	3)LI Junyi
Number	:NA :NA	4)MERLIN Simone
Filing Date	.INA	5)ABRAHAM Santosh Paul
(62) Divisional to Application Number	:NA	6)KHUDE Nilesh N.
Filing Date	:NA	7)SAMPATH Hemanth

(57) Abstract:

Methods and apparatus are described for efficiently suppressing transmission of signals from devices which are using a first protocol in order to allow the frequency spectrum being used by devices using the first protocol to be used briefly for communication between devices using an alternative communications protocol. In some embodiments the first protocol is WiFi and the alternative signaling protocol is a non WiFi peer to peer communications protocol. A wireless communications device e.g. a peer to peer wireless communications device generates a signal suppression utility metric (SSUM). The signal suppression utility metric provides an indication of how useful transmitting a transmission suppression signal e.g. a S CTS signal which may be a CTS to self signal will be at a given point in time. The wireless communications device decides whether or not to transmit a transmission suppression signal as a function of the signal suppression utility metric.



No. of Pages: 65 No. of Claims: 20

(22) Date of filing of Application :25/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : FREQUENCY DOMAIN INTERFERENCE CANCELLATION AND EQUALIZATION FOR DOWNLINK CELLULAR 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 	:16/01/2013 :WO 2013/109617	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)KHAN Raheel 2)HSU Steve H.
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2013/109617 :NA :NA	2)HSU Steve H.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus are described for interference cancellation of interference components of a time domain signal in the frequency domain. A communications device receives a time domain sequence and generates overlapping time domain segments from the time domain sequence. The overlapping time domain segments are then converted to the frequency domain to generate frequency domain representations of the overlapping time domain segments. The frequency domain representations are stored in a residual memory and interference components are directly removed from the frequency domain representations stored in the residual memory in the frequency domain.

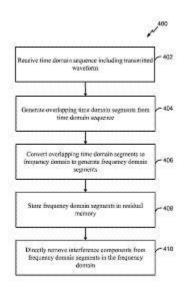


FIG. 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4700/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MODIFIED BORDETELLA PERTUSSIS STRAINS

(51) International classification :C12N1/21,A61K39/10,A61P31/00

(31) Priority Document No :2011/09417 (32) Priority Date :21/12/2011

(33) Name of priority country :South Africa

(86) International Application :PCT/TH2012/000052

No :20/12/2012

Filing Date .20/12/2011

(87) International Publication :WO 2013/141823

(61) Patent of Addition to
Application Number

NA

Application Number
Filing Date
(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:
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Address of Applicant :19 Soi Udomsuk 37 Sukhumvit 103

Road Bangjak Prakanong Bangkok 10260 Thailand

(72)Name of Inventor:

1)BOONCHIRD Chuenchit

2)BUASRI Wasin

3)PANBANGRED Watanalai

4)PETRE Jean

(57) Abstract:

BordetellaRecombinant pertussis strains derived from parent strain Tohama are provided. The new strains are obtained by homologous recombination using a allelic exchange vector pSS4245 which allows the replacement of sections of the bacterial chromosome without leaving any accessory mutations. The segment encoding PT subunit SI is replaced to introduce two mutations causing inactivation of the toxic activity of PT. This strain can be further modified to express increased amounts of rPT and/or PRN. A second copy of the ptx cluster of the five PT structural genes of the ptx ptl operon with their promoter and the ptl terminator and containing the above mutations can be inserted elsewhere on the chromosome. In addition a second copy of the PRN gene can be inserted on the chromosome. In both cases abandoned gene loci are selected as the insertion site to avoid the introduction of unwanted genetic alterations.

No. of Pages: 51 No. of Claims: 39

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: MODIFIED CONJUGATED DIENE POLYMER AND METHOD FOR PRODUCING SAME

(51) International classification :C08F8/42,B60C1/00,C08F36/04 (71)Name of Applicant: (31) Priority Document No :2011282517 (32) Priority Date :23/12/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/082885

Filing Date

(87) International Publication No:WO 2013/094629

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:19/12/2012

1)JSR CORPORATION

Address of Applicant: 9 2 Higashi shinbashi 1 chome Minato

ku Tokyo 1058640 Japan (72)Name of Inventor: 1)MORITA Hirovuki 2)YUASA Takeshi 3)TANI Koichiro

4)NOSAKA Naoya 5)TANAKA Ryoji 6)OKADA Koji

(57) Abstract:

1114234A method for producing a modified conjugated diene polymer which comprises: a step wherein a conjugated diene polymer is obtained by polymerizing monomers that include a conjugated diene compound or the like in the presence of an alkali metal compound and a compound represented by general formula (1) or (2); and a step wherein a modified conjugated diene polymer is obtained by reacting the conjugated diene polymer with a compound represented by general formula (3). (In general formulae (1) and (2) R represents a hydrocarbylene group; O represents for example N(A); and A represents a hydrocarbyl group that does not have an active hydrogen atom and may be substituted by an N atom or the like.) (In general formula (3) E represents for example a functional group that does not have an active hydrogen atom and is bonded to R at an N atom; each of R and R represents a hydrocarbyl group; R represents a hydrocarbylene group; and n represents an integer of 0 2.)

No. of Pages: 45 No. of Claims: 8

(22) Date of filing of Application :25/06/2014

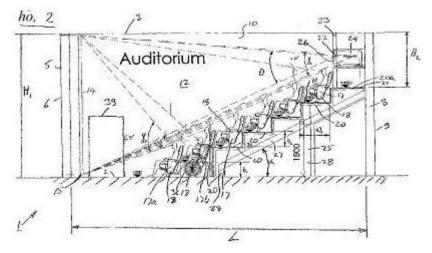
(43) Publication Date: 18/09/2015

(54) Title of the invention: A CINEMA STRUCTURE AND A METHOD FOR CONSTRUCTING A CINEMA STRUCTURE

 (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 	:E04H3/22,E04H3/30 :S2011/0533 :02/12/2011 :Ireland :PCT/IE2012/000052 :03/12/2012 :WO 2013/080193 :NA :NA	(71)Name of Applicant: 1)IMAGE LIMITED Address of Applicant:15 19 Athol Street Douglas Isle of Man IM 1LB Isle of Man 2)ANDERSON Thomas (72)Name of Inventor: 1)ANDERSON Thomas
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cinema structure (1) comprises an auditorium (12) defined between a floor (2) a ceiling (3) front and rear walls (5 8) and side walls (10) which is of length (L) similar to its width (W) and of height (H) approximately half its width (W). A screen (14) which is substantially the width and height of the auditorium (14) is located adjacent the front wall (5). Rows (17) of seats (18) are tiered upwardly rearwardly at an angle of approximately 22.5°. The front row (17a) of seats (18) is located on the floor (2) while the second and subsequent rows (17) of seats (18) are mounted on corresponding plinths (20). The rearmost plinth (20a) is located adjacent the rear wall (8) and is spaced apart downwardly from the ceiling (3) a height (H2) of approximately 2 metres. A projector (24) in a projector housing (23) is located centrally on the rearmost plinth (20) within the auditorium (12) and a lens port (22) of the projector (24) is located at a level of approximately 0.5 metre below the ceiling 3.



No. of Pages: 52 No. of Claims: 136

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MANAGING A PACKET SERVICE CALL WITHIN MOBILE COMMUNICATIONS NETWORK

(51) International classification	:H04W76/02	(71)Name of Applicant :
(31) Priority Document No	:13/348520	1)APPLE INC.
(32) Priority Date	:11/01/2012	Address of Applicant :1 Infinite Loop Cupertino California
(33) Name of priority country	:U.S.A.	95014 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:10/01/2013	1)BALASUBRAMANIAN Sanjeevi
(87) International Publication No	:WO 2013/106523	1)DALASUDKAMAMIAN Sanjeevi
	.WO 2013/100323	
(61) Patent of Addition to Application Number	:NA	
- 100000	:NA	
Filing Date	NYA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

While a circuit service CS call is in progress a request for a packet service PS call is received from a background task that is running in the mobile communications user equipment. In response to receiving the request several air interface parameters that relate to the in progress CS call are evaluated in order to decide whether or not to block the PS call based on the evaluation. Other embodiments are also described and claimed.

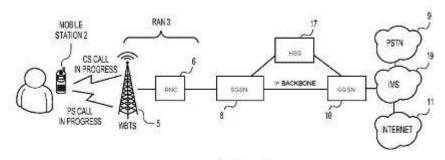


FIG. 2

No. of Pages: 24 No. of Claims: 26

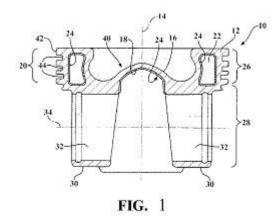
(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : PISTON WITH ANTI CARBON DEPOSIT COATING AND METHOD OF CONSTRUCTION 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 	:05/11/2012 :WO 2013/081774 :NA :NA :NA	(71)Name of Applicant: 1)FEDERAL MOGUL CORPORATION Address of Applicant: 26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor: 1)MATSUO Eduardo
Filing Date	:NA	

(57) Abstract:

A piston and method of construction are provided. The piston includes a piston body having an upper combustion surface configured for direct exposure to combustion gases within a cylinder bore with an undercrown surface located beneath the upper combustion surface. The piston body also includes a ring belt region configured for receipt of at least one piston ring adjacent the upper combustion surface with a cooling gallery configured radially inwardly and in substantial radial alignment with the ring belt region. The piston further includes a non stick coating material bonded to at least one of the undercrown surface and at least a portion of the cooling gallery wherein the non stick coating material inhibits the build up of carbon deposits thereon.



No. of Pages: 19 No. of Claims: 16

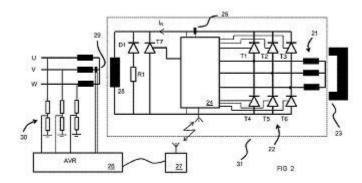
(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROTATING ELECTRICAL MACHINE

(51) International classification	:H02P9/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY AG
(32) Priority Date	:NA	Address of Applicant : Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/FI2011/051051	(72)Name of Inventor:
Filing Date	:28/11/2011	1)SILANDER Eino
(87) International Publication No	:WO 2013/079761	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotating electric machine and a method of magnetizing a rotor of a brushless rotating electric machine the method comprising forming a stationary magnetic field rotating a rotor of a magnetizing machine in the stationary magnetic field for producing alternating current rectifying the alternating current with a controllable bridge situated in the rotor receiving control instructions wirelessly to the rotor controlling the magnitude of the current with the controllable bridge on the basis of the control instructions and feeding the controlled current to the magnetizing winding of the rotating electric machine.



No. of Pages: 13 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4831/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMPOSITION FOR EXTENDING THE STORAGE LIFE OF FRESH PRODUCE

(51) International classification :A23B7/154,A23L3/3463,A23B7/10

(31) Priority Document No :1120616.6 (32) Priority Date :30/11/2011

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

(86) International Application: PCT/GB2012/000877

No Filing Date :30/11/2012

(87) International Publication :WO 2013/079903

(61) Patent of Addition to
Application Number :NA

Application Number :NA :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

:NA ·NA (71)Name of Applicant:

1)NATURAL BIOTECHNOLOGY SPRL

Address of Applicant :Rue de Li⁻ge 1 B 6180 Courcelles

Belgium

(72)Name of Inventor:

1)DODD Jeffrey Ian

(57) Abstract:

There is described a composition useful for the prevention mitigation or slowing of the discolouration of produce (fruit) the composition comprising from about 0.05% w/w to about 99.95% w/w calcium ascorbate and derivatives thereof the remainder comprising an enzyme inhibitor composition.

No. of Pages: 27 No. of Claims: 59

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DATA TRANSMISSION METHOD BASE STATION AND USER EQUIPMENT

(51) International classification	:H04W74/08	(71)Name of Applicant:
(31) Priority Document No	:201210013916.1	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:17/01/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/087224	(72)Name of Inventor:
Filing Date	:22/12/2012	1)SHAO Jiafeng
(87) International Publication No	:WO 2013/107246	2)HE Chuanfeng
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

tF DPCHta mta mtF DPCHta mProvided is a data transmission method. The method comprises: obtaining a time slot format of a fractional dedicated physical channel (F DPCH) used for user equipment (UE); receiving an acknowledgement (ACK) message sent by a base station over an acquisition indication channel (AICH); according to a predefined rule determining an F DPCH frame offset of the UE and determining a transmission time interval the representing the time interval between the initial boundary of the AICH access time slot received by the UE and the time of the UE starting uplink transmission; according to the time slot format of the F DPCH and the receiving an uplink power control command word (TPC) over the F DPCH; and according to the conducting uplink transmission to the base station. According to the embodiments of the present invention UE of Release 8/9/10/11 can schedule and configure resources in the same common E DCH resource pool simultaneously and while the TTI aligning performance gain is obtained the resource utilization rate is also increased.

No. of Pages: 64 No. of Claims: 48

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : RECOMBINANT GALLID HERPESVIRUS 3 (MDV SEROTYPE 2) VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES 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 	:A61K39/12 :61/564877 :30/11/2011 :U.S.A. :PCT/US2012/067123 :29/11/2012 :WO 2013/082317 :NA :NA	(71)Name of Applicant: 1)MERIAL LIMITED Address of Applicant:3239 Satellite Blvd. Duluth GA 30096 U.S.A. (72)Name of Inventor: 1)BUBLOT Michel 2)MEBATSION Teshome 3)PRITCHARD Joyce 4)LINZ Perry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides recombinant Gallid herpesvirus 3 (MDV 2) vectors that contain and express antigens of avian pathogens recombinant Gallid herpesvirus 3 (MDV 2) vectors that contain a mutated gC gene compositions comprising the recombinant Gallid herpesvirus 3 (MDV 2) vectors polyvalent vaccines comprising the recombinant Gallid herpesvirus 3 (MDV 2) vectors and one or more wild type viruses or recombinant vectors. The present invention further provides methods of vaccination against a variety of avian pathogens and method of producing the recombinant Gallid herpesvirus 3 (MDV 2) vectors.

No. of Pages: 292 No. of Claims: 43

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SECURE AUTHORIZATION

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:61/565277	1)WELSCH Patrick
(32) Priority Date	:30/11/2011	Address of Applicant :49 Equestrian Drive North Andover
(33) Name of priority country	:U.S.A.	MA 01845 U.S.A.
(86) International Application No	:PCT/US2012/067021	2)WELSCH Wilfried
Filing Date	:29/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/082260	1)WELSCH Patrick
(61) Patent of Addition to Application	:NA	2)WELSCH Wilfried
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Various embodiments provide an authorization approach that performs a safe and generally untraceable way that allows a user to complete an authorization securely. Various embodiments utilize a visual presentation that displays items which can include symbols letters characters numbers logos pictures and the like. Throughout authorization in at least some embodiments the visual presentation is modified and the locations of items such as touch selectable items are changed such that a pre defined authorization sequence of items does not have the same serialized pattern of selection for purposes of authorization.

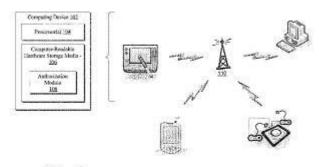


Fig. 1

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A MULTIPHASE MEDIUM VOLTAGE VACUUM CONTACTOR

(51) International :H01H85/02,H01F27/40,H01H33/66

(31) Priority Document No :11191052.7 (32) Priority Date :29/11/2011

(33) Name of priority country: EPO

(86) International :PCT/EP2012/071924

Application No
Filing Date

1. C 17E1 201
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206/11/2012

(87) International Publication :WO 2013/079284

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:
1)ABB TECHNOLOGY AG

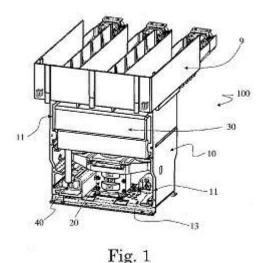
Address of Applicant : Affolternstrasse 44 CH 8050 Zurich

Switzerland

(72)Name of Inventor: 1)PRESTINI Osvaldo 2)USAI Roberto

(57) Abstract:

A multiphase medium voltage vacuum contactor comprising a mounting frame on which there are positioned: for each phase a current interrupter comprising a vacuum bulb which contains a fixed contact and a corresponding movable contact; an actuator for moving the movable contacts between a closed position where they are coupled each to a corresponding fixed contact and an open position where they are each electrically separated from the corresponding fixed contact and an electronic unit driving the actuator. A voltage transformer for feeding the electronic unit is mounted on the frame and is at least partially encased by an electrically insulating coating; one or more sacrificial fault protection devices are operatively associated to the voltage transformer and are embedded into the electrically insulating coating. Current sensors for motor protections can be also embedded into the insulating coating.



No. of Pages: 25 No. of Claims: 11

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS AND APPARATUSES FOR POSITIONING NANO OBJECTS WITH ASPECT RATIOS

 (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 	:H01L21/768 :1207463.9 :30/04/2012 :U.K. :PCT/IB2013/053266 :25/04/2013 :WO 2013/164741 :NA	 (72)Name of Inventor: 1)DUERIG Urs T. 2)HOLZNER Felix 3)KNOLL Armin W.
· · ·	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is notably directed to apparatuses and methods for positioning nano objects (20) on a surface. The method comprises: providing (S10 S50) two surfaces (15 17) including a first surface (15) and a second surface (17) in vis vis wherein at least one of the two surfaces exhibits one or more positioning structures (16 16a) having dimensions on the nanoscale; and a ionic liquid suspension (30) of the nano objects between the two surfaces wherein each of the surfaces forms an electrical double layer with the ionic liquid suspension each of the two surfaces having a same electrical charge sign; and letting (S60) nano objects in the suspension position according to a potential energy (31) resulting from the electrical charge of the two surfaces and depositing (S70) one or more of the nano objects on the first surface according to the positioning structures by shifting minima (32) of the potential energy towards the first surface.

No. of Pages: 36 No. of Claims: 15

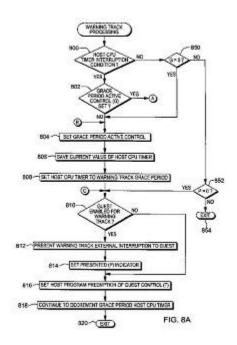
(22) Date of filing of Application :25/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: WARNING TRACK INTERRUPTION FACILITY

(57) Abstract:

A program (e.g. an operating system) is provided a warning that it has a grace period in which to perform a function such as cleanup (e.g. complete stop and/or move a dispatchable unit). The program is being warned in one example that it is losing access to its shared resources. For instance in a virtual environment a guest program is warned that it is about to lose its central processing unit resources and therefore it is to perform a function such as cleanup.



No. of Pages: 71 No. of Claims: 20

(21) Application No.4824/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VALVE SEAT

 (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 	:2011260337 :29/11/2011 :Japan :PCT/JP2012/065196 :14/06/2012 :WO 2013/080591 :NA :NA	(71)Name of Applicant: 1)TPR CO.LTD. Address of Applicant: 6 2 Marunouchi 1 chome Chiyoda ku Tokyo 1000005 Japan (72)Name of Inventor: 1)KOYAMA Yoshio 2)HANADA Fusanobu 3)HARA Shohtaroh
Filing Date	:NA :NA	

(57) Abstract:

A valve seat is provided that exhibits excellent strength and wear resistance. For a valve seat employing an iron based sintered alloy an oxidation treatment is used to form an oxide mainly composed of triiron tetraoxide on the surface and inner section of the iron based sintered alloy. Prior to the mounting of the valve seat to a cylinder head the average area ratio of the oxide mainly composed of triiron tetraoxide in a cross section of the iron based sintered alloy is 5 20%. The iron based sintered alloy contains hard particles formed from at least one of a carbide a silicide a nitride a boride and/or an intermetallic compound of one or more elements selected from groups 4a 6a of the periodic table. Prior to mounting to a cylinder head it is preferable that the average area ratio of hard particles in a cross section of the iron based sintered alloy be 5 45%.

No. of Pages: 32 No. of Claims: 1

(21) Application No.4825/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COATED CONDOM

(51) International classification	:A61F6/04,A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:1120679.4	1)LRC PRODUCTS LIMITED
(32) Priority Date	:01/12/2011	Address of Applicant :103 105 Bath Road Slough Berkshire
(33) Name of priority country	:U.K.	SL1 3UH U.K.
(86) International Application No	:PCT/GB2012/052983	(72)Name of Inventor:
Filing Date	:03/12/2012	1)ARNOLD Andrew Richard
(87) International Publication No	:WO 2013/079975	2)ABD MAJID Rohaida
(61) Patent of Addition to Application	:NA	3)TOSANUN Tossaporn
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A condom comprises on one or more surfaces thereof a self lubricating coating comprising a dry powder having a particle size of 300 microns or less. The self lubricating coating becomes lubricious when the coating comes into contact with a liquid environment. A method of making a self lubricating condom comprises providing a dry condom and coating said condom on one or more surfaces thereof with a self lubricating coating comprising a dry powder. The invention also provides the use of a dry powder such as xanthan gum to provide a self lubricating coating for a condom.

No. of Pages: 21 No. of Claims: 37

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHODS FOR ACHIEVING TARGET LOSS RATIO

(51) International classification	:H04L29/08,H04L12/70	(71)Name of Applicant:
(31) Priority Document No	:13/311018	1)LIVEQOS INC.
(32) Priority Date	:05/12/2011	Address of Applicant :535 Legget Drive Suite 500 Ottawa
(33) Name of priority country	:U.S.A.	Ontario K2K 3B8 Canada
(86) International Application No	:PCT/IB2012/056877	(72)Name of Inventor:
Filing Date	:30/11/2012	1)WILLIAMS Matthew Robert
(87) International Publication No	:WO 2013/084128	2)VEMULAPALI Mohan Krishna
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of forwarding data transmissions from a first network to a third network via a second network comprises receiving packets of a first type from the first network segmenting each packet into packets of a second type that are transmitted to the second network and producing and transmitting at least one encoded duplicate of each of the packets of a second type to the second network to allow a packet of the first type to be recreated in the event that not all the packets of the second type are received. In the event that a sufficient number of the packets of a second type and the encoded duplicate packets are not received to recreate the packet of a first type the method determines a loss ratio that represents the number of packets not recreated relative to the number of packets transmitted during a selected time interval.

No. of Pages: 76 No. of Claims: 34

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PROCESSING A TIRE WHEEL ASSEMBLY

(51) International :B60C25/05,B60C25/128,B60C25/132

classification .BooC23/03,BooC23/128,BooC23

(31) Priority Document No :13/340270 (32) Priority Date :29/12/2011 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2012/072152

Filing Date :28/12/2012

(87) International Publication No :WO 2013/102129

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)ANDROID INDUSTRIES LLC

Address of Applicant :2155 Executive Hills Drive Auburn

Hills MI 48326 2943 U.S.A. (72)Name of Inventor:
1)LAWSON Lawrence J.
2)CLARK Barry Allan
3)REECE Robert

4)HICKS Joshua James

(57) Abstract:

An apparatus (300) for processing a tire (T) and a wheel (W) for forming a tire wheel assembly (TW) is disclosed. The apparatus (300) includes a tire support member (316) including a first tire support member (316a) a second tire support member (316b) and a third tire support member (316c). Each of the first second and third tire support members (316a 316b 316c) include an upper surface (316) and a lower surface (316). The apparatus (300) includes a plurality of tire engaging devices (320) including a first tire tread engaging post (322b) and a second tire tread engaging post (322c). A method for processing a tire (T) and a wheel (W) for forming a tire wheel assembly (TW) is also disclosed.

No. of Pages: 133 No. of Claims: 17

(21) Application No.4828/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LOCKING DEVICE FOR OPENING/CLOSING BODY

:NA

:NA

(51) International classification :E05B65/12,E05C9/04,E05C21/00 (71) Name of Applicant: 1)PIOLAX INC. (31) Priority Document No :2011283041 (32) Priority Date :26/12/2011 Address of Applicant :51 Iwai cho Hodogaya ku Yokohama (33) Name of priority country shi Kanagawa 2400023 Japan :Japan (72)Name of Inventor: (86) International Application :PCT/JP2012/082157 1)SAITO Jun :12/12/2012 Filing Date (87) International Publication :WO 2013/099601 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

Provided is a locking device for an opening/closing body the locking device being configured so that the amount of pull in of locking pieces is ensured and so that the entire device is thin and compact. A locking device (10) for an opening/closing body is provided with: a rotor (20) which is mounted to the opening/closing body in a rotatable manner; locking pieces (50 51) which are mounted to the outer periphery of the rotor (20) in a rotatable manner are slid by the rotation of the rotor (20) and each have the other end (55) engaging with and disengaging from the engagement sections of a member to which the opening/closing body is mounted; a spring (40) which directly or indirectly rotates and presses the rotor (20) so that the locking pieces (50 51) slide toward the engagement sections; and a handle (70) which is mounted to the opening/closing body through a rotation shaft substantially parallel to the rotation shaft of the rotor (20) and which has a pressing section (86) for pressing and rotating the rotor (20). The locking device (10) is configured so that rotating the handle (70) rotates the rotor (20) against the pressing force of the spring (40) releasing the engagement between the locking pieces and the engagement sections.

No. of Pages: 56 No. of Claims: 9

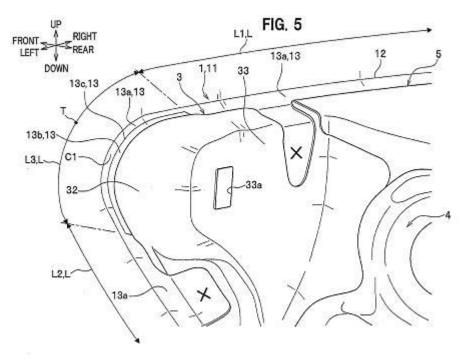
(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DESIGN PART INSTALLATION STRUCTURE FOR VEHICLE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2011264105	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:01/12/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/080607	(72)Name of Inventor:
Filing Date	:27/11/2012	1)MAESHIMA Kazuki
(87) International Publication No	:WO 2013/080965	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A design part installation structure for a vehicle (V) is provided with: a lamp body (2) exposed on a design surface of the vehicle (V); an outer panel (1) which configures the design surface and which has an installation member (12) to which the lamp body (2) is installed; and a parting line (L) formed between the lamp body (2) and the outer panel (1). The parting line (L) is provided with a curved third parting line (L3). The outer panel (1) has: an orthogonal flange member (13a) which is provided to a section corresponding to the third parting line (L3) extends from the installation member (12) toward the vehicle interior and is orthogonal to a body member (11); and an inclined flange member (13b) which is provided to a section corresponding to the third parting line (L3) extends from an extending end of the orthogonal flange member (13a) toward the inside of the vehicle cabin and inclines toward the lamp body (2) as said inclined flange member (13b) approaches the vehicle interior from the vehicle exterior.



No. of Pages: 37 No. of Claims: 8

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTROL METHOD FOR INVERTER DEVICE AND INVERTER DEVICE

(51) International classification :H02M7/483,H02M7/48,H02M7/5387

(31) Priority Document No :2011262404 (32) Priority Date :30/11/2011

(33) Name of priority country :Japan

(86) International :PCT/JP2012/007320

Application No Filing Date :15/11/2012

(87) International :WO 2013/080465

Publication No
(61) Patent of Addition to
Application Number
Filing Date

.WO
:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)PANASONIC CORPORATION

Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka

5718501 Japan

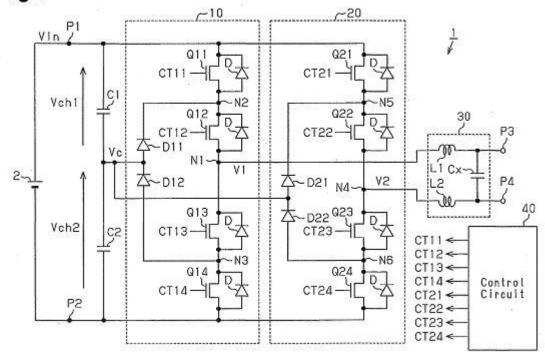
(72)Name of Inventor:
1)KIDERA Kazunori

2)NISHI Mariko

(57) Abstract:

An inverter device (1) including a first inverter (10) and a second inverter (20) connected in parallel to the first inverter. Both the first and second inverters (10 20) are three level inverters. The first and second inverters (10 20) generate first and second output voltages (V1 V2) using the voltage (Vc) at the connection point between a first capacitor (C1) and a second capacitor (C2) connected in series and evenly allocating a power supply voltage (Vin). A control circuit (40) duty controls the second inverter at high frequency when the second inverter (20) switches the level of the second output voltage (V2).

Fig.1



No. of Pages: 58 No. of Claims: 10

(21) Application No.4841/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PACKAGE CONVEYING UNIT FOR A UNIT FOR CONVERTING SHEET LIKE ELEMENTS IN A PACKAGING PRODUCTION LINE

(51) International : B65G15/10, B65G23/26, B65G47/68classification

(31) Priority Document No :11009509.8

(32) Priority Date :01/12/2011

(33) Name of priority country: EPO

(86) International :PCT/EP2012/004561 Application No

:01/11/2012 Filing Date

(87) International Publication :WO 2013/079144

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)BOBST MEX SA

Address of Applicant :Route de Faraz 3 CH 1031 Mex

Switzerland

(72)Name of Inventor: 1)GAILLARD Olivier 2)LUCAS Jean Jacques

(57) Abstract:

A conveying unit for packages intended for a sheet like element conversion unit comprises at least two adjacent and mutually parallel transport means (13) that are capable of transporting the packages (3) in the longitudinal direction (L) driving means (26) for the transport means (13) and actuating means that are able to couple and uncouple a second transport means (28) to and from a first transport means (27) such that a first package (6) is transported in the first longitudinal direction (L) with the first transport means (27) and a second package (7) is left substantially immobile longitudinally with the second transport means (28) when the second transport means (28) is uncoupled from the first transport means (27).

No. of Pages: 17 No. of Claims: 14

(21) Application No.4842/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FOAM COMPOSITION WITH OLEFIN BLOCK COPOLYMER GEL PARTICLES

 (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 	:61/581771 :30/12/2011 :U.S.A. :PCT/US2012/067686 :04/12/2012 :WO 2013/101405 :NA :NA	(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)MUNRO Jeff 2)AOU Kaoru 3)LAAKSO Raymond 4)MARCHAND Gary R. 5)GAMBOA Rogelio R.
Filing Date	:NA	

(57) Abstract:

The present disclosure is directed to a composition and articles containing the composition. The composition comprises a foam and a plurality of gel particles dispersed in the foam. The gel particles comprise an olefin block copolymer and an oil.

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

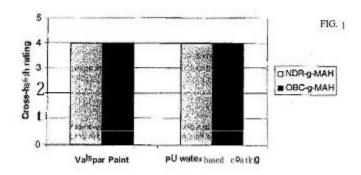
(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ADHESION PROMOTER COMPOSITION FOR POLYOLEFIN SUBSTRATE

:C09D123/02,C09D153/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/581686 (32) Priority Date :30/12/2011 Address of Applicant :2040 Dow Center Midland MI 48674 (33) Name of priority country :U.S.A. U.S.A. :PCT/US2012/067684 (86) International Application No (72) Name of Inventor: Filing Date :04/12/2012 1)BATRA Ashish (87) International Publication No :WO 2013/101404 2)WALTON Kim L. (61) Patent of Addition to Application 3)DIAS Peter S. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present disclosure is directed to an adhesion promoter composition comprising of a solvent and a functionalized olefin block copolymer and articles with the adhesion promoter composition applied thereto. The adhesion promoter composition can be halogen free.



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

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: REDUCING WEB BROWSING OVERHEADS WITH EXTERNAL CODE CERTIFICATION

(51) International :G06F17/30,G06F21/64,H04L29/06 classification

(31) Priority Document No :61/591141 (32) Priority Date :26/01/2012

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

(86) International Application :PCT/US2013/020613

:08/01/2013

Filing Date (87) International Publication :WO 2013/112278

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)CEZE Luis

2) CASCAVAL Gheorghe C. 3) RESHADI Mohammad H.

(57) Abstract:

Methods servers and systems for using signatures/certifications embedded in pre processed code to enable use or reuse of pre processed code to obviate the need to perform some operations or execute some scripts within the web page content. One or more operations may be performed within an executable script in web page content and signing the result of the operation in a manner that can be used to verify that the corresponding operation may be skipped by a browser. A browser receiving signed pre processed code may use a signature verification process to determine whether the browser can bypass executing corresponding scripts in the web page content or perform alternative operations. Operations may be pre performed and the results signed by off line tools and included in the web page content. Results of operations may be stored in memory along with a signature so the results of the operation can be reused in the future.

No. of Pages: 58 No. of Claims: 109

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HIGH MODULUS WEAR RESISTANT GRAY CAST IRON FOR PISTON RING APPLICATIONS

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:C21D5/00,C21D5/02,C22C37/10 :61/565040 :30/11/2011 :U.S.A. :PCT/US2012/066955 :29/11/2012	(71)Name of Applicant: 1)FEDERAL MOGUL CORPORATION Address of Applicant: 26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor: 1)GEKONDE Haron
Filing Date (87) International Publication No	:WO 2013/082221	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A piston ring formed of cast iron provides improved machinability and exceptional performance and minimum costs. The cast iron includes 2.2 to 2.9 wt. % carbon 3.2 to 4.2 wt. % silicon 0.75 to 1.25 wt. % copper 1.0 to 1.5 wt. % manganese 0.09 to 0.15 wt. % sulfur not greater than 0.2 wt. % phosphorous and an average carbon equivalent of 3.8. The cast iron preferably includes a matrix of martensite with MnS and carbides dispersed therein. The matrix is also preferably free of ferrite austenite and steadite. The cast iron is formed by casting autenitizing quenching and tempering the alloy.

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

(21) Application No.4739/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : HEAT RESISTANT AUSTENITIC STAINLESS STEEL HIGHLY INHIBITED FROM RELEASING SCALE AND STAINLESS STEEL PIPE

(51) International classification	n:C22C38/00,C22C38/58,C21D7/06	(71)Name of Applicant:
(31) Priority Document No	:2011286431	1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE
(32) Priority Date	:27/12/2011	STEEL LTD.)
(33) Name of priority country	:Japan	Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
(86) International Application	:PCT/JP2012/082387	ku Kobe shi Hyogo 6518585 Japan
No	:13/12/2012	(72)Name of Inventor:
Filing Date	.13/12/2012	1)MIYAMURA Takeo
(87) International Publication	:WO 2013/099639	2)NAMBA Shigenobu
No	. WO 2013/099039	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

1010This heat resistant austenitic stainless steel has a specific composition containing Ce and Zr and has an Hv/Hv ratio of 1.20 or higher where Hv is the average hardness of the area ranging from the surface to a thickness direction depth of 50 μ m and Hv is the average hardness of the thickness direction central part.

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

(21) Application No.4854/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: FUNCTIONAL SILANE COMPATIBILIZED EPOXY COMPOSITIONS FOR INSULATION **APPLICATIONS**

(51) International :C08G59/42,C08L63/00,C08L83/04

classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/CN2011/085080

No :30/12/2011 Filing Date

(87) International Publication: WO 2013/097197

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland Michigan

48674 U.S.A.

(72) Name of Inventor:

1)XIU Tongping Tony 2)LI Young Jiang 3)CHEN Hongyu

4)ZHANG Yi Wayne

5)JI Lei Ming

(57) Abstract:

Described is an epoxy composition containing: (a) an epoxy resin containing at least one epoxy group (b) an anhydride hardener (c) a hydroxyl terminated polysiloxane and (d) a functional silane having at least one functional group selected from the group consisting of an epoxy reactive group an anhydride reactive group and an epoxy and anhydride reactive group. Also describing a crosslinked epoxy composition and a method for preparing thereof.

No. of Pages: 28 No. of Claims: 14

(21) Application No.4855/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ROTODYNAMIC PUMP WITH PERMANENT MAGNET COUPLING INSIDE THE IMPELLER

(51) International

:F04D29/048,F04D29/058,F04B17/00 classification

(31) Priority Document No :13/340779 (32) Priority Date :30/12/2011

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

(86) International :PCT/US2012/070932

Application No :20/12/2012 Filing Date

(87) International :WO 2013/101663 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)PEOPLEFLO MANUFACTURING INC

Address of Applicant: 10045 Pacific Avenue Franklin Park IL

60131 U.S.A.

(72)Name of Inventor:

1)BLANKEMEIER William R.

2)TRNINICH Radosav

(57) Abstract:

Rotodynamic pumps having an inner drive permanent magnet coupling disposed inside an impeller are disclosed. The impeller has a casing having a pumping region generally in a pumping plane that is perpendicular to the rotational axis of the impeller and aligned with a permanent magnet coupling that includes outer magnets that are connected to the impeller and at least partially aligned with the pumping region of the impeller and inner magnets that are connected to an inner magnet ring and are axially aligned with the outer magnets. A canister is sealed to the casing and separates the outer magnets from the inner magnets.

No. of Pages: 34 No. of Claims: 26

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BRAKE LINING FOR A DRUM BRAKE ASSEMBLY

:NA

:NA

:F16D51/20,F16D65/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)FEDERAL MOGUL CORPORATION :13/307563 Address of Applicant :26555 Northwestern Highway (32) Priority Date :30/11/2011 (33) Name of priority country Southfield MI 48033 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/059414 (72) Name of Inventor: Filing Date :10/10/2012 1)LIU Weiming (87) International Publication No :WO 2013/081728 (61) Patent of Addition to Application :NA :NA

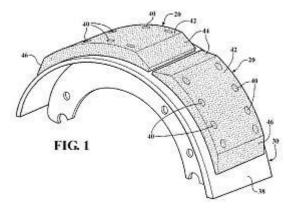
(57) Abstract:

Filing Date

Filing Date

(62) Divisional to Application Number

A drum brake assembly for reducing braking vibrations and noise including a pair of shoes (30) each extending through an arc and presenting an outer shoe surface a pair of brake linings (20) of a friction material are coupled to the outer shoe surface each of the brake liningving an upper surface (42) and a pair of oppositely facing chamfered edges (44 46) each chamfered edge having an arc length of no less than one inch (2 54cm) and being disposed at an angle of between ten and twenty five degrees from the tangent of the upper surface where it meets the chamfered edge.



No. of Pages: 14 No. of Claims: 20

(22) Date of filing of Application :24/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: OXYGEN ABSORBING RESIN COMPOSITION OXYGEN ABSORBING MOLDED BODY USING SAME AND MULTILAYER BODY CONTAINER INJECTION MOLDED BODY AND MEDICAL CONTAINER EACH USING OXYGEN ABSORBING RESIN COMPOSITION OR OXYGEN ABSORBING MOLDED BODY

(51) International

:C08L67/02,A23L3/3436,A61J1/05 classification

(31) Priority Document No :2011257821 (32) Priority Date :25/11/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/080395

:22/11/2012 Filing Date

(87) International Publication :WO 2013/077436

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71) Name of Applicant:

1)MITSUBISHI GAS CHEMICAL COMPANY INC.

Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku

Tokyo 1008324 Japan (72) Name of Inventor: 1)OKADA Satoshi 2)TAKAGI Toshiva 3)KASHIBA Takashi 4)IWAMOTO Shinpei

5) IKEDA Shinichi

6)ITO Fumihiro 7)OGAWA Shun 8)ARAKAWA Shota 9)USUDA Kenichiro

(57) Abstract:

Provided are: a novel oxygen absorbing resin composition which is not sensitive to metal detectors does not generate an odor after the absorption of oxygen and exhibits excellent oxygen absorption performance; an oxygen absorbing molded body which uses this oxygen absorbing resin composition; and a multilayer body a container an injection molded body a medical container and the like each of which uses the oxygen absorbing resin composition or the oxygen absorbing molded body. Also provided are: an oxygen absorbing resin composition which exhibits excellent oxygen absorption performance over a wide range of humidity conditions from low humidity to high humidity; and the like. An oxygen absorbing resin composition of the present invention contains a polyester compound and a transition metal catalyst and the polyester compound contains at least one constituent unit that has a tetralin ring. An oxygen absorbing molded body of the present invention is obtained by molding the oxygen absorbing resin composition into a film form or a sheet form. A multilayer body container injection molded body medical container and the like of the present invention are obtained using the oxygen absorbing resin composition of the present invention.

No. of Pages: 356 No. of Claims: 29

(22) Date of filing of Application :24/06/2014

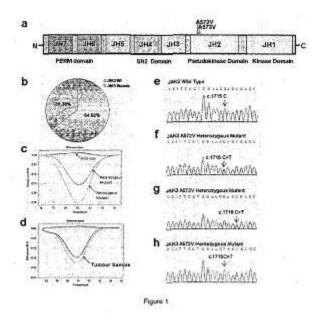
(43) Publication Date: 18/09/2015

(54) Title of the invention : NATURAL KILLER/T CELL LYMPHOMA (NKTCL) SUSCEPTIBILITY PREDICTION DIAGNOSIS AND 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 	:2011088002 :25/11/2011 :Singapore :PCT/SG2012/000444 :26/11/2012 :WO 2013/077814 :NA :NA	(71)Name of Applicant: 1)SINGAPORE HEALTH SERVICES PTE LTD Address of Applicant: 31 Third Hospital Avenue #03 03 Bowyer Block C Singapore 168753 Singapore (72)Name of Inventor: 1)TEH Bin Tean 2)LIM Soon Thye
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Natural KilleifT Cell Lymphoma (NKTCL) susceptibility prediction diagnosis and therapy. The invention relates to a method for predicting Natural Killer T cell Lymphoma (NKTCL) susceptibility and/or diagnosing NKTCL in a subject comprising testing for JAK mutations. The invention also relates to a method of screening for candidate agents capable of treating NKTCL using a cell line comprising at least one JAK mutation. The invention includes an NKTCL animal model comprising at least one JAK mutation. The invention also includes JAK inhibitors for treating NKTCL.



No. of Pages: 140 No. of Claims: 56

(21) Application No.4861/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SULPHONYLAMINOPYRROLIDINONE DERIVATIVES THEIR PREPARATION AND THEIR THERAPEUTIC APPLICATION

(51) International :A61K31/4709,C07D207/14,C07D217/14

classification

(31) Priority Document :11306733.4

(32) Priority Date :21/12/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/076224 Application No

:19/12/2012 Filing Date

(87) International

:WO 2013/092756 **Publication No**

(61) Patent of Addition

:NA to Application Number :NA Filing Date (62) Divisional to :NA

Application Number :NA Filing Date

(71)Name of Applicant:

1)SANOFI

Address of Applicant:54 rue La Botie F 75008 Paris France

(72)Name of Inventor:

1)ALET Nathalie

2)ALTENBURGER Jean Michel

3)HERAULT Jean Pascal 4)KIRSCH Reinhard

5)LASSALLE Gilbert 6)MALLART Sergio

7)PHILIPPO ORTS Marie Claire

(57) Abstract:

The invention relates to new sulphonylaminopyrrolidinone compounds having antithrombotic activity which in particular inhibit blood clotting factor IXa and/ or factor Xa to processes for their preparation and to use thereof as drugs.

No. of Pages: 115 No. of Claims: 19

(21) Application No.4862/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: HEAT TRANSFER PIPE FOR FIN AND TUBE TYPE HEAT EXCHANGER AND FIN AND TUBE TYPE HEAT EXCHANGER USING SAME

(51) International classification :F28F1/02,F25B39/00,F28F1/32 (71)Name of Applicant : (31) Priority Document No :2012039066 (32) Priority Date :24/02/2012

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2013/054295 Filing Date :21/02/2013

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(87) International Publication No: WO 2013/125625

(62) Divisional to Application :NA Number :NA

Filing Date

1)UACJ CORPORATION

Address of Applicant: 17 2 Otemachi Chiyoda ku Tokyo

1000004 Japan

(72) Name of Inventor: 1)KAKIYAMA Shiro

(57) Abstract:

To provide a heat transfer pipe for a fin and tube type heat exchanger with which the heat transfer rate on the coolant side can be effectively improved and a fin and tube type heat exchanger using the same. Triangular holes (20) are formed in flat multiple hole pipes (14) made of aluminium or an alloy thereof so as to give a ratio (D/h) in the region of 0.40 to 0.80 where (D) is the hydraulic diameter defined by dividing four times the cross sectional area of the hole by the sum of the length of the sides of the hole and (h) is the height of the hole; and said flat multiple hole pipes (14) and fins (12) made of aluminium or an alloy thereof are assembled to form a fin and tube type heat exchanger (10).

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

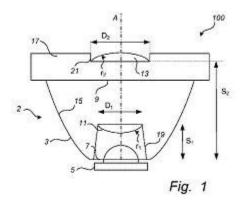
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: OPTICAL COLLIMATOR FOR LED LIGHTS

(51) International classification	:G02B17/08,F21V5/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/CN2011/083883	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:13/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:China	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056937	(72)Name of Inventor:
Filing Date	:04/12/2012	1)SUN Li Wei
(87) International Publication No	:WO 2013/088299	2)YUN Li
(61) Patent of Addition to Application	:NA	3)CHENG Li
Number	:NA	4)SUN Yang Meng
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a luminaire (1) and a collimating optics (2) for LED lights (5). The collimating optics (2) comprises a reflection collimator (3) having a first aperture (7) for allowing incoming light from a LED light (5) to enter the collimator (3) and a second aperture (9) for allowing outgoing light to exit the collimator (3). The reflection collimator (3) further has a wall (15) with a reflective inner surface for guiding the incoming light from the first aperture (7) towards the second aperture (9). A first convex lens (11) is arranged at a distance from the first aperture (7) for refracting the incoming light and a second convex lens (13) is arranged at the second aperture (9) for refracting and collimating the outgoing light. With the disclosed collimating optics the collimating capability is improved without the size of the optics being increased.



No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :24/06/2014

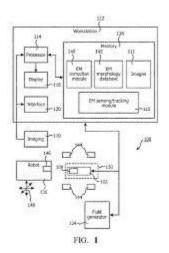
(43) Publication Date: 18/09/2015

(54) Title of the invention : DISTORSION FINGERPRINTING FOR EM TRACKING COMPENSATION DETECTION AND ERROR CORRECTION.

(51) International classification (31) Priority Document No	:A61B19/00 :61/569918	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:13/12/2011	Address of Applicant :High Tech Campus 5 NL 5656AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056404	(72)Name of Inventor:
Filing Date	:14/11/2012	1)RAMACHANDRAN Bharat
(87) International Publication No	:WO 2013/088278	2)JAIN Ameet Kumar
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

A system for accounting for electromagnetic (EM) distortion with an EM tracking system includes a sensor array(144)configured to sense EM energy in a target volume. An EM sensing correction module (140) is configured to analyze data from the sensor array to detect EM distorters in the target volume. The EM sensing correction module is further configured to compare distortion fingerprints stored in a database(142) to identify a distortion source.



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

(22) Date of filing of Application :26/06/2014

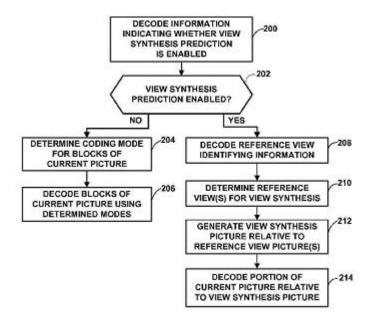
(43) Publication Date: 18/09/2015

(54) Title of the invention: SIGNALING VIEW SYNTHESIS PREDICTION SUPPORT IN 3D VIDEO CODING

 (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 	:H04N7/32 :61/583469 :05/01/2012 :U.S.A. :PCT/US2012/071016 :20/12/2012 :WO 2013/103541 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)CHEN Ying 2)WANG Ye Kui 3)KARCZEWICZ Marta
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one example a video coder is configured to code information indicative of whether view synthesis prediction is enabled for video data. When the information indicates that view synthesis prediction is enabled for the video data the video coder may generate a view synthesis picture using the video data and code at least a portion of a current picture relative to the view synthesis picture. The at least portion of the current picture may comprise for example a block (e.g. a PU a CU a macroblock or a partition of a macroblock) a slice a tile a wavefront or the entirety of the current picture. On the other hand when the information indicates that view synthesis prediction is not enabled for the video data the video coder may code the current picture using at least one of intra prediction temporal inter prediction and inter view prediction without reference to any view synthesis pictures.



No. of Pages: 63 No. of Claims: 48

(22) Date of filing of Application :26/06/2014

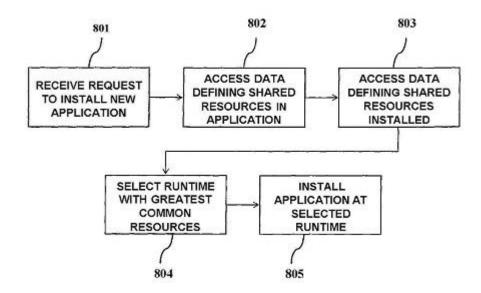
(43) Publication Date: 18/09/2015

(54) Title of the invention: APPLICATION INSTALLATION

 (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 	:G06F9/445 :1206824.3 :18/04/2012 :U.K. :PCT/IB2013/051765 :06/03/2013 :WO 2013/156877 :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New York 10504 U.S.A. (72)Name of Inventor: 1)LEMING Matthew William 2)WARD Timothy James 3)ELLIS Richard Raymond
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(57) Abstract:

A method of installing an application at a runtime instance comprises the steps of receiving a request to install an application accessing data defining shared resources required by the application accessing data defining shared resources already installed at existing runtime instances selecting an existing runtime instance with the greatest number of installed shared resources common to the shared resources required by the application and installing the application at the selected runtime instance.



No. of Pages: 28 No. of Claims: 12

(22) Date of filing of Application :26/06/2014

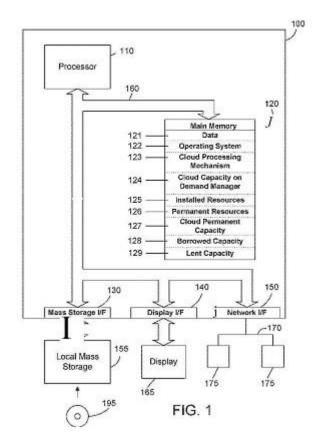
(43) Publication Date: 18/09/2015

(54) Title of the invention: MANAGING CAPACITY ON DEMAND IN A SERVER CLOUD

(51) International classification	:H04L12/24	(71)Name of Applicant:
(31) Priority Document No	:13/431689	1)INTERNATIONAL BUSINESS MACHINES
(32) Priority Date	:27/03/2012	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :New Orchard Road Armonk New York
(86) International Application No	:PCT/CA2013/050229	10504 U.S.A.
Filing Date	:21/03/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/142991	1)OLSEN Paul F.
(61) Patent of Addition to Application	:NA	2)SCHARDT Terry L.
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cloud capacity on demand manager manages capacity on demand for servers in a server cloud. The cloud capacity on demand manager may borrow capacity from one or more servers and lend the capacity borrowed from one server to a different server in the server cloud. When the server cloud is no longer intact capacity borrowed from servers no longer in the server cloud is disabled and servers no longer in the server cloud reclaim capacity that was lent to the server cloud.



No. of Pages: 29 No. of Claims: 19

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHODS AND APPARATUS FOR SENSING LIGHT OUTPUT AND CONTROLLING LIGHT **OUTPUT**

(51) International :H05B33/08,G06F3/042,H05B37/02

classification :61/570343 (31) Priority Document No

(32) Priority Date :14/12/2011 (33) Name of priority country: U.S.A.

(86) International Application: PCT/IB2012/057027

No :06/12/2012 Filing Date

(87) International Publication :WO 2013/088312

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

:NA

(57) Abstract:

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

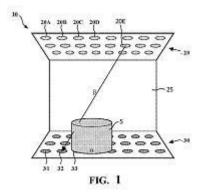
Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1) ENGELEN Dirk Valentinus Ren 2) ALIAKSEYEU Dzmitry Viktorovich 3)VAN DE SLUIS Bartel Marinus 4)LASHINA Tatiana Aleksandrovna

5)DEKKER Tim

Methods and apparatus for lighting control. In some embodiments methods and apparatus are provided that sense a low lighting condition at a location and direct light toward that location after detection of the low lighting condition. In some embodiments apparatus are provided that include a plurality of networked LEDs (20 30 220 230 320 330 420 430 520 530). Some of the LEDs may be illuminated in response to sensed light conditions at certain locations.



No. of Pages: 39 No. of Claims: 23

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CONTEXTUAL SOLICITATION IN A STARTER APPLICATION

(51) International classification :G06F9/44,G06F15/16,G06F21/30 (71)Name of Applicant :

(31) Priority Document No :13/347700 (32) Priority Date :11/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/020713 No

:09/01/2013 Filing Date

(87) International Publication :WO 2013/106353

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72) Name of Inventor:

1)FARRELL Terry

2)WOERKOM Norbert Van

3)MCQUILLAN Robert

4)MOWATT David

5)KASSELMAN Pieter

(57) Abstract:

A reduced capability subset of an application referred to as a starter application is provided on a computer device prior to purchase and intended for use by a user purchasing the computer device. The starter application may monitor input from the user when the starter application is executing to ascertain opportunities to inform the user of an upgrade and then solicit the user for purchasing the upgrade. The starter application may use a limited access browser to contact a server to assist in the solicitation and complete the transaction. Upon completing the transaction the upgrade is provided to the computing device. The upgrade may comprise the full capability version of the application templates clip art or other software. The upgrade may entail transmitting the upgrade to the computer device or providing an authorization key to unlock the upgrade that is already stored on the computer device.

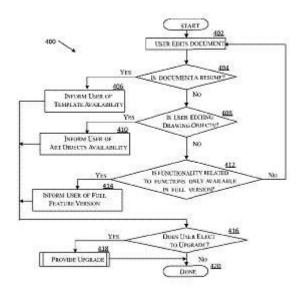


Fig.4A

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

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: INPUT POINTER DELAY

(51) International classification :G06F3/03,G06F15/16,G06F3/041

(31) Priority Document No :13/345552 (32) Priority Date :06/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/020418

Filing Date :05/01/2013

(87) International Publication :WO 2013/103917

No :

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant:

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72)Name of Inventor:

1)MANDIC Mirko

2) ENS Michael J.

3)ROGERS Justin E.

(57) Abstract:

Various embodiments enable repetitive gestures such as multiple serial gestures to be implemented efficiently so as to enhance the user experience. In at least some embodiments a first gesture associated with an object is detected. The first gesture is associated with a first action. Responsive to detecting the first gesture pre processing associated with the first action is performed in the background. Responsive to detecting a second gesture associated with the object within a pre defined time period an action associated with the second gesture is performed. Responsive to the second gesture not being performed within the pre defined time period processing associated with the first action is completed.

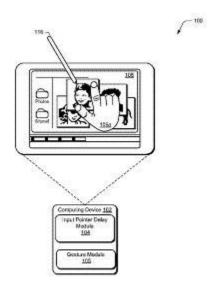


FIG. 1

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

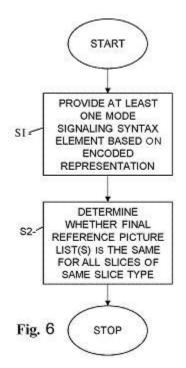
(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: REFERENCE PICTURE LIST HANDLING

 (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 	:H04N7/26 :61/587304 :17/01/2012 :U.S.A. :PCT/SE2013/050017 :14/01/2013 :WO 2013/109183 :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)SJ-BERG Rickard 2)SAMUELSSON Jonatan 3)WENNERSTEN Per
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

At least one mode signaling syntax element is provided based on an encoded representation (4) of a picture (3) in a video sequence. The at least one mode signaling syntax element is employed to determine whether at least one final reference picture list is the same for all slices of a same slice type in the picture (3). The at least one mode signaling syntax element thereby signals to a decoder (100) that it does not necessarily have to repeat computationally complex reference picture list construction functions for each slice in the picture (3).



No. of Pages: 70 No. of Claims: 37

(22) Date of filing of Application :27/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : POWER CONTROL MANAGEMENT IN UPLINK (UL) COORDINATED MULTIPOINT (COMP) TRANSMISSION

(51) International :H04W52/24,H04W52/36,H04W52/54

(31) Priority Document No :61/592427

(32) Priority Date :30/01/2012 (33) Name of priority :U.S.A.

country :U.S.A

(86) International Application No :PCT/US2013/023745

Filing Date :30/01/2013

(87) International Publication No :WO 2013/116270

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor:

1)XU Hao 2)GAAL Peter 3)CHEN Wanshi 4)GEIRHOFER Stefan

5)VAJAPEYAM Madhavan Srinivasan

(57) Abstract:

Techniques for performing path loss (PL) compensation in coordinated multipoint (CoMP) systems are provided. A method for wireless communications by a user equipment (UE) is provided. The method generally includes selecting from a plurality of transmission points involved in uplink (UL) coordinated multipoint (CoMP) operations with the UE a transmission point to associate with for path loss (PL) compensation and adjusting power of one or more transmissions based on path loss measured based on the selected transmission point.

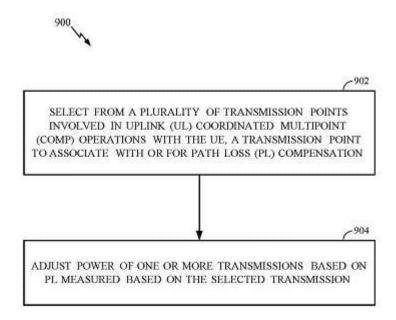


FIG. 9

No. of Pages: 56 No. of Claims: 82

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: AUTOMATIC IMAGING PLANE SELECTION FOR ECHOCARDIOGRAPHY

(51) International classification :A61B8/00,A61B8/08,A61B8/12 (71)Name of Applicant :

(31) Priority Document No :61/569450 (32) Priority Date :12/12/2011

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

(86) International Application No:PCT/IB2012/057137

Filing Date :10/12/2012

(87) International Publication No: WO 2013/088326

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(57) Abstract:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)RADULESCU Emil George

2)WEESE Juergen 3)SALGO Ivan

Based on anatomy recognition from three dimensionallive imaging of a volume one or more portions (204 208) of the volume are selected in real time. In further real time response live imaging or the portion(s) is performed with a beam density (156) higher than that used in the volume imaging. The one or more portion may be one or more imaging plane selected for optimal orientation in making an anatomical measurement (424) or display. The recognition can be based on an anatomical model such as a cardiac mesh model. The model may be pre encoded with information that can be associated with image locations to provide the basis for portion selection and for placement of indicia (416 420 432 436) displayable for initiating measurement within an image provided by the live portion imaging. A single TEE or TTE imaging probe (112) may be used throughout. On request periodically or based on detected motion of the probe with respect to the anatomy the whole process can be re executed starting back from volume acquisition(\$508).

No. of Pages: 21 No. of Claims: 24

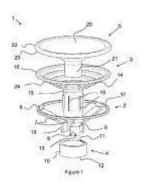
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BREAST SHIELD FOR A BREAST PUMP

(51) International classification	:A61M1/06	(71)Name of Applicant:
(31) Priority Document No	:61/569407	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:12/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057010	(72)Name of Inventor:
Filing Date	:06/12/2012	1)KOOIJKER Klaas
(87) International Publication No	:WO 2013/088310	2)VAN DER KAMP Gertrude Ri«tte
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A shield for a breast pump is disclosed. It comprises a resilient flexible insert configured to receive a user s breast and an adjuster operable by a user to alter the shape of the insert.



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

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CIRCUIT ARRANGEMENT FOR SELECTIVE POWERING OF DISTRIBUTED LOADS

(51) International classification :H05B33/08,G09G3/20,H03K17/95

(31) Priority Document No :61/569417 (32) Priority Date :12/12/2011

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

(86) International Application :PCT/IB2012/056972

Filing Date :05/12/2012

(87) International Publication :WO 2013/088305

(61) Patent of Addition to Application Number :NA

Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant: High Tech Campus 5 NL 5656 AE

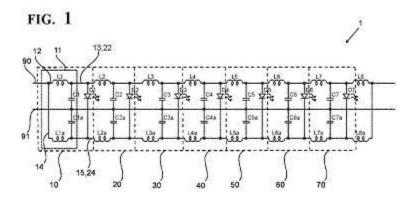
Eindhoven Netherlands (72)**Name of Inventor:**

1)RADERMACHER Harald Josef Guenther

2)SEMPEL Adrianus

(57) Abstract:

A circuit arrangement for selective powering of distributed loads (D1 D7 220 226 213a 213e) is provided comprising a plurality of load segments (10 20 30 40 50 60 70) each being electrically connected to at least one supply terminal for receiving a variable voltage wherein each load segment (10 20 30 40 50 60 70) comprises at least a load unit (D1 D7 220 226 213a 213e) and a proximity sensor unit (11) coupled with said load unit and comprising at least a reactive device (L1 L7 L1a L7a C1 C7 C1a C7a 214a 214e 215d) having a reactance said reactance depending on the proximity of a detection object (100 102). In order to provide a simple and accurate way for user interactive powering of loads (D1 D7 220 226 213a 213e) during operation an operating voltage is provided to at least one load unit (D1 D7 220 226 213a 213e) depending on the reactance of at least one reactive device (L1 L7 L1a L7a C1 C7 C1a C7a 214a 214e 215d) of said load segments (10 20 30 40 50 60 70) so that said operating voltage depends on the proximity of said detection object (100 102).



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

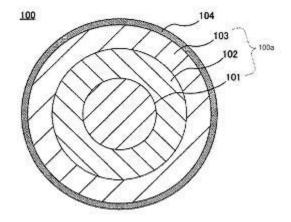
(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: OPTICAL FIBER CORE WIRE OPTICAL FIBER TAPE CORE WIRE AND OPTICAL CABLE

(51) International classification	:G02B6/44	(71)Name of Applicant:
(31) Priority Document No	:2012033088	1)FURUKAWA ELECTRIC CO. LTD.
(32) Priority Date	:17/02/2012	Address of Applicant :2 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008322 Japan
(86) International Application No	:PCT/JP2012/008037	(72)Name of Inventor:
Filing Date	:17/12/2012	1)KASAHARA Minoru
(87) International Publication No	:WO 2013/121494	2)SAITO Minoru
(61) Patent of Addition to Application	:NA	3)ARASHITANI Yoshihiro
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide by a configuration or method different from conventional art an optical fiber core wire enabling reduced interface delamination between glass fibers and a primary coating layer when the core wire is under water and a reduction in transmission loss increase. An optical fiber core wire (100) according to one embodiment of the present invention is provided with glass fibers (101) a primary coating layer (102) coated onto the outer circumference of the glass fibers (101) a secondary coating layer (103) coated onto the outer circumference of the primary coating layer (102) and a colored layer (104) coated onto the outer circumference of the secondary coating layer (103). According to the optical fiber core wire (100) small water bubbles that are generated in a substantially uniform manner within the primary coating layer when the core wire is immersed for 200 days in warm water of 60°C and as a result stress on the glass primary interface from the secondary coating layer is alleviated and an increase in transmission loss is reduced.



No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :24/06/2014

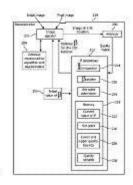
(43) Publication Date: 18/09/2015

(54) Title of the invention : AUTOMATIC DETERMINATION OF REGULARIZATION FACTOR FOR ITERATIVE IMAGE RECONSTRUCTION WITH REGULARIZATION AND/OR IMAGE DE NOISING

(51) International classification	:G06T11/00	(71)Name of Applicant :
(31) Priority Document No	:61/569835	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:13/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056929	(72)Name of Inventor:
Filing Date	:04/12/2012	1)BERGNER Frank
(87) International Publication No	:WO 2013/088294	2)BRENDEL Bernhard Johannes
(61) Patent of Addition to Application	:NA	3)KOEHLER Thomas
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastus at .		ı

(57) Abstract:

A processing component (122) processes images based on an iterative reconstruction algorithm with regularization and/or de noising algorithm. The processing component includes a set point determiner (224) that determines a quality set point (216) between predetermined lower and upper quality bounds (226) based on a quality variable (228) indicative of an image quality of interest. The processing component further includes a comparator (214) that compares each processing iteration a quality metric of a current generated image with the quality set point and generates a difference value indicative of a difference between the quality metric and the quality set point. The processing component further includes a regularization factor updater (220) that generates an updated regularization factor for a next processing iteration based on a current value (222) of the regularization factor and at least the quality metric in response to the difference value indicating that the quality metric is outside of a predetermined range about the quality set point.



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

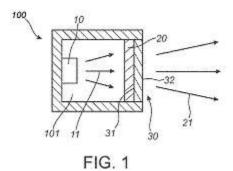
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: RED EMITTING PHOSPHOR FOR PLASMA DISPLAY PANELS AND GAS DISCHARGE LAMPS

(51) International classification	:C09K11/77,H01J61/44	(71)Name of Applicant:
(31) Priority Document No	:61/569315	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:12/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056942	(72)Name of Inventor:
Filing Date	:04/12/2012	1)GREUEL Georg
(87) International Publication No	:WO 2013/088300	2)JUESTEL Thomas
(61) Patent of Addition to Application	:NA	3)BETTENTRUP Helga
Number	:NA	4)HERDEN Benjamin
Filing Date	.TVA	5)ENSELING David
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

1 x yxy1 yy41 x yxy31 3/4y3/4y441 x yxy31 3/4y3/4y34The invention provides a lighting unit (100) comprising (1) a vacuum ultraviolet (VUV) radiation based source of radiation (10) configured to generate VUV radiation (11) and (2) a luminescent material (20) configured to convert at least part of the VUV radiation into visible luminescent material light (21) wherein the luminescent material comprises a trivalent praseodymium containing material selected from the group consisting of (ZrHfPr)(SiP)0 (rHfPr)((S)0) and (ZrHfPr) ((BS))O) with x in the range of 0.0 1.0 and y being larger than 0 and being equal to or smaller than 0.15.



No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: FUEL CELL VEHICLE

(51) International classification :B60L3/00,B60L11/18,H01M8/00 (71)Name of Applicant : :2012021006 (31) Priority Document No

(32) Priority Date :02/02/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/079238

No :12/11/2012 Filing Date

(87) International Publication :WO 2013/114699

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) SUZUKI MOTOR CORPORATION

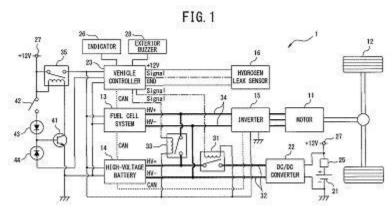
Address of Applicant: 300 Takatsuka cho Minami ku

Hamamatsu shi Shizuoka 4328611 Japan

(72)Name of Inventor: 1)TAKADA Yohei 2)HONMA Akinori

(57) Abstract:

The purpose of the present invention is to enable detection of hydrogen that has leaked from a fuel cell system while the vehicle is traveling even after the vehicle stops and also to enable prevention of a decrease in the amount of power stored in a power storage unit that is for generating power supply for control. In order to achieve the abovementioned purpose a self hold relay (35) is maintained in On state even when an ignition switch (11) is turned off in order to maintain power supply to a vehicle controller (23). However when a prescribed time elapses after the driving system is turned off without any hydrogen leakage detected in a fuel cell system (13) the power supply to the vehicle controller (23) is turned off.



No. of Pages: 19 No. of Claims: 5

(21) Application No.4876/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: BACTERIA WITH RECONSTRUCTED TRANSCRIPTIONAL UNITS AND THE USES THEREOF

:C12N1/20,C12N9/04,C12N9/10 (71)Name of Applicant : (51) International classification

(31) Priority Document No :11306767.2 (32) Priority Date :23/12/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/076571 Filing Date :21/12/2012

(87) International Publication No: WO 2013/092965

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(57) Abstract:

1)DEINOVE

Address of Applicant :22 rue Lon Jouhaux F 75010 Paris

France

(72) Name of Inventor: 1)LEONETTI Jean Paul

The present invention relates to recombinant bacteria and the uses thereof particularly for the production of ethanol. The invention also relates to methods for the production of such bacteria as well as to nucleic acid constructs suitable for such production. The invention specifically relates to bacteria having a reconstructed biomass degradation unit.

No. of Pages: 50 No. of Claims: 26

(21) Application No.4877/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ELECTRIC POWER CONVERSION 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 	:12/12/2011 :WO 2013/088496 :NA :NA :NA	(71)Name of Applicant: 1)Mitsubishi Electric Corporation Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)NISHIKAWA Katsuya
Filing Date	:NA	

(57) Abstract:

Each of a plurality of converters has a drive controller connected thereto as a load for driving and controlling an electric car using DC power supplied from each converter. A phase angle setting unit (15) which assigns a desired phase angle between a signal wave and a carrier wave is provided with a carrier wave phase table (22) which when the load conditions of the drive controllers that can be deemed as almost identical are grouped into the same group specifies set values for the phase angle for each group. The phase angle setting unit (15) references the carrier wave phase table (22) on the basis of a load condition signal (25) representing the load condition of each drive controller and a vehicle ID signal (21) and sets the phase angle to be assigned to each converter and outputs said phase angle to a PWM control unit. The PWM control unit changes the phase angle of a carrier wave on the basis of the phase angle set by the phase angle setting unit (15).

No. of Pages: 32 No. of Claims: 8

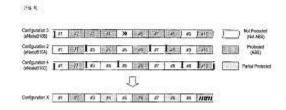
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROTECTED SUBFRAME IN PRESENCE OF MULTIPLE DIFFERENT ABS PATTERNS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:25/12/2012	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor: 1)TAKANO Hiroaki
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/099218 :NA :NA :NA :NA	

(57) Abstract:

Some aspects of the present disclosure relate to a base station a communication method and a program for supporting a multiple_ABS feature of the 3rd Generation Partnership Project (3GPP). In some embodiments an interference protection status of a communication frame is determined based at least in part on configurations of base stations. The configurations may indicate patterns of one of more frames of a first type. The first type of frame may be an Absolute Blank Subframe type. Some of the configurations may differ at least in part. In some embodiments the interference protection status of a frame may be determined to be a protected status an unprotected status or a partially protected status.



No. of Pages: 58 No. of Claims: 29

(22) Date of filing of Application :27/06/2014

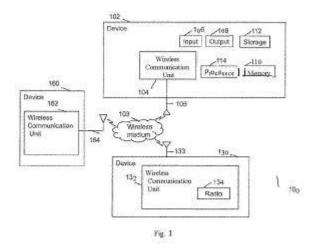
(43) Publication Date: 18/09/2015

(54) Title of the invention : DEVICE SYSTEM AND METHOD OF COMMUNICATING DURING A CONTENTION BASED ACCESS PERIOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04W74/08 :61/585350 :11/01/2012 :U.S.A.	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant:2200 Mission College Boulevard Santa Clara California 95054 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/020758 :09/01/2013	(72)Name of Inventor : 1)TRAININ Solomon B.
(87) International Publication No	:WO 2013/106382	2)CORDEIRO Carlos
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Some demonstrative embodiments include devices systems and/or methods of communicating during a Contention Based Access Period (CBAP). For example a device may include a wireless communication station to transmit a wireless communication transmission over a wireless communication medium upon determining that the wireless communication medium is idle for a predefined time period within a contention based access period (CBAP) if a scheduling element allocating the CBAP includes an indication of an identity of the wireless communication station in a predefined field.



No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MOBILE COMPUTING DEVICE APPARATUS AND 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 	:NA :NA :NA :PCT/US2012/022403 :24/01/2012 :WO 2013/112137 :NA :NA	1)SHARMA Sameer 2)AMIT Gadi 3)HARBER Chadwick 4)HOSHINO Yoshikazu 5)CLIFTON Daniel
(62) Divisional to Application Number Filing Date	:NA :NA	6)JASINSKI Kenneth

(57) Abstract:

Embodiments of an apparatus system and method are described for a mobile computing device. A mobile computing device may comprise for example an enclosure arranged to support a display and one or more processor circuits the enclosure having an enlarged portion at one side of the enclosure arranged to allow a user to clutch the enclosure with one hand at the one side the enlarged portion having a thickness that is larger than a thickness of another portion of the enclosure and the enlarged portion defining a cavity arranged to support one or more energy storage modules. Other embodiments are described and claimed.

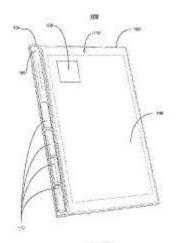


FIG. 1

No. of Pages: 40 No. of Claims: 37

(22) Date of filing of Application :27/06/2014

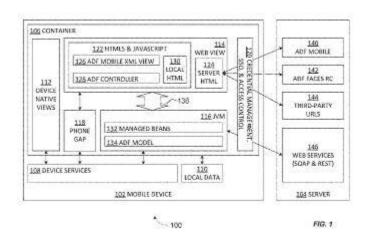
(43) Publication Date: 18/09/2015

(54) Title of the invention: VIRTUAL CHANNEL FOR EMBEDDED PROCESS COMMUNICATION

		(71)Name of Applicant:
(51) International classification	:G06F9/54	1)ORACLE INTERNATIONAL CORPORATION
(31) Priority Document No	:61/581463	Address of Applicant :500 Oracle Parkway M/S 5OP7
(32) Priority Date	:29/12/2011	Redwood Shores California 94065 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/071445	1)POORE Noel
Filing Date	:21/12/2012	2)KILGORE William Bruce
(87) International Publication No	:WO 2013/101770	3)NELATURU Anki R.
(61) Patent of Addition to Application	.NI A	4)WONG Hinkmond B.
Number	:NA	5)FARRELL Ted J.
Filing Date	:NA	6)ZANDMAN Dov
(62) Divisional to Application Number	:NA	7)PLUMMER Christopher
Filing Date	:NA	8)MARTIN David R.
-		9)TYRELL Denis

(57) Abstract:

A native application built for a mobile device can embed non native JAVA code that may be executed by a JAVA virtual machine also embedded as a library within the native application. Enterprise applications may be extended for use by mobile devices. Business logic for an application may be constructed just once and then used in both enterprise applications and mobile device applications.



No. of Pages: 40 No. of Claims: 18

(21) Application No.4889/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MENU CONFIGURATION AND SYSTEM OF SMART DEVICE

(51) International classification: G06F3/048,G06F17/30,G06F9/44 (71)Name of Applicant: :1020110143084 1)NEOPAD INC. (31) Priority Document No (32) Priority Date :27/12/2011 Address of Applicant :#C 1110 1111 1112 Woolim Lions (33) Name of priority country Valley 371 28 Gasan dong Geumcheon gu Seoul 153 786 :Republic of Korea Republic of Korea (86) International Application :PCT/KR2012/011126 (72) Name of Inventor: No :20/12/2012 Filing Date 1)CHUNG Hee Sung (87) International Publication :WO 2013/100480 (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 menu configuration method and system of a smart device which configures an application menu in the smart device and the method comprises the steps of: enabling the smart device to collect information related to keywords titles and/or tags of an application and to determine the collected information as the keyword for searching a semantic menu; classifying the keyword determined in the smart device as the semantic menu; and starting the semantic menu classified in the smart device. The present invention can provide a user with improved menu operability and convenience for an application search and application management based on user experience (UX).

No. of Pages: 72 No. of Claims: 42

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR AUTOMATIC SERVICE DISCOVERY AND CONNECTIVITY

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:13/358309	1)QUALCOMM INCORPORATED
(32) Priority Date	:25/01/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/023317	(72)Name of Inventor:
Filing Date	:25/01/2013	1)NARAYANAN Vidya
(87) International Publication No	:WO 2013/112953	2)DAS Saumitra Mohan
(61) Patent of Addition to Application	:NA	3)SWAMINATHAN Ashwin
Number	:NA	4)NANDA Sanjiv
Filing Date	.NA	5)JAYARAM Ranjith Subramanian
(62) Divisional to Application Number	:NA	6)DONDETI Lakshminath Reddy
Filing Date	:NA	·

(57) Abstract:

Apparatus and methods for automatic service discovery and connectivity include acts of or components for retrieving service metadata associated with one or more service devices from a connectivity entity wherein the service metadata comprises connectivity parameters and configuring one or more links with at least one of the one or more service devices based on the service metadata. Further the apparatus and methods may include acts of or components for using a service available from the one or more service devices through the one or more links.

No. of Pages: 39 No. of Claims: 41

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: COMBINED DIRECTIONAL COUPLER AND IMPEDANCE MATCHING CIRCUIT

 (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 	:30/01/2013 :WO 2013/116398 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)PRESTI Calogero D.
Filing Date	:NA :NA	

(57) Abstract:

An output circuit with an integrated directional coupler and impedance matching circuit is disclosed. In an exemplary design an apparatus includes a switchplexer and an output circuit. The switchplexer is coupled to at least one power amplifier. The output circuit is coupled to the switchplexer and a load (e.g. an antenna) and includes a directional coupler and an impedance matching circuit sharing at least one inductor. The output circuit performs impedance matching for the load. The output circuit also acts as a directional coupler and provides an input radio frequency (RF) signal as an output RF signal and further couples a portion of the input RF signal as a coupled RF signal. Reusing the at least one inductor for both the directional coupler and the impedance matching circuit may reduce circuitry size and cost of the wireless device and may also improve performance.

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

(21) Application No.4779/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESSING AIDS AND POLYMER FORMULATIONS CONTAINING THE SAME AND METHOD FOR PRODUCING THE SAME

(51) International classification :C08F2/00,C08F2/22,C08L27/06 (71) Name of Applicant:

(31) Priority Document No

(32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/US2011/067655

:28/12/2011 Filing Date

(87) International Publication No: WO 2013/100997

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) ROHM AND HAAS COMPANY

Address of Applicant :100 Independence Mall West

Philadelphia PA 19106 2399 U.S.A.

(72) Name of Inventor: 1)VAN RHEENEN Paul 2)BROADWATER Steven

(57) Abstract:

A multi stage emulsion processing aid polymer comprising one or more functionalized ethylenically unsaturated monomer into the emulsion polymerization reactor wherein the functionality is selected from the group consisting of keto esters keto amides diketones cyanoacetic esters malonates nitroalkanes nitro esters sulfonazides thiols thiols triazines and amine where the functionality is incorporated into polymers by polymerizing ethylenically unsaturated monomers containing these functionalities or by post functionalization of a polymer with additional reactions after polymerization in one of the first or second stages. Foamable halogenated polymers comprising the multi stage emulsion processing aid polymer is also provided. Also provided are methods for making the multi stage emulsion processing aid polymer and foamable halogenated polymers.

No. of Pages: 27 No. of Claims: 15

(21) Application No.4910/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : GLAZING UNIT EQUIPPED WITH PERIPHERAL SEALING MEANS AND ITS MANUFACTURING PROCESS

(31) Priority Document No:1250165(32) Priority Date:06/01/2012(33) Name of priority country:France	(71)Name of Applicant: 1)SAINT GOBAIN GLASS FRANCE Address of Applicant: 18 avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor: 1)DUFFOUR Adrien
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(57) Abstract:

A glazing unit (1) comprising a substrate (2) having two opposed external faces (20 21) and a peripheral edge face (22) connecting the two faces and peripheral sealing means added to the border of the substrate against its edge face and its two external faces characterized in that the sealing means comprise at least two seals (3A 3B) interacting respectively with the two external faces (20 21) of the substrate and with the edge face (22) of the substrate the two seals forming a zone (4) of overlap with each other on the edge face (22) of the glazing unit.

No. of Pages: 23 No. of Claims: 12

(21) Application No.4911/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: X RAY DETECTOR

:G01T1/17,G01T1/24,G01T1/29 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/577322 (32) Priority Date :19/12/2011

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

(86) International Application No: PCT/IB2012/057009

Filing Date :06/12/2012 (87) International Publication No: WO 2013/093684

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)HERRMANN Christoph

(57) Abstract:

The present invention relates to an x ray detector comprising a sensor unit (200 300) for detecting incident x ray radiation comprising a number of sensor elements (230 311 314) a counting channel (240) per sensor element for obtaining a count signal by counting photons or charge pulses generated in response to the incident x ray radiation since a beginning of a measurement interval an integrating channel (250) per sensor element for obtaining an integration signal representing the total energy of radiation detected since the beginning of the measurement interval and a processing unit (260) for estimating from the integration signals of the sensor elements (321) count signals of sensor elements (311 312) whose counting channel has been saturated during the measurement interval.

No. of Pages: 30 No. of Claims: 15

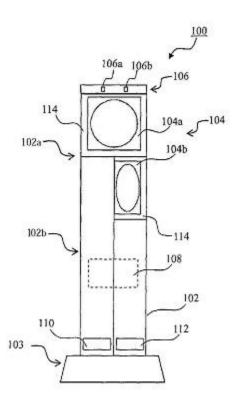
(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A SPEAKER APPARATUS SUITABLE FOR USE WITH A COMPUTER

(51) International classification	:H04R1/02,H04R1/20	(71)Name of Applicant:
(31) Priority Document No	:2011087665	1)CREATIVE TECHNOLOGY LTD
(32) Priority Date	:25/11/2011	Address of Applicant :31 International Business Park Creative
(33) Name of priority country	:Singapore	Resource Singapore 609921 Singapore
(86) International Application No	:PCT/SG2012/000398	(72)Name of Inventor:
Filing Date	:22/10/2012	1)SIM Wong Hoo
(87) International Publication No	:WO 2013/077807	2)LOW Long Chye
(61) Patent of Addition to Application	:NA	3)NEO Jiunn Shyong
Number	:NA	4)CHANG Thean Kuie Christopher
Filing Date	.TVA	5)ONG Kok Huan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A speaker apparatus suitable for use with a computer operable for communicating audio signals to the speaker apparatus. The speaker apparatus includes a housing having a top portion and a body portion adjacent the top portion. The housing can be configured for carrying a coupling module and a speaker driver array. The coupling module can be configured for coupling the speaker apparatus and the computer. The speaker driver array can include a first speaker driver and a second speaker driver. The first and second speaker drivers can be arranged in a stacked arrangement. The stacked arrangement can be such that the first speaker driver can be positioned atop the second speaker and such that the first and second speaker drivers face different directions.



No. of Pages: 26 No. of Claims: 15

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

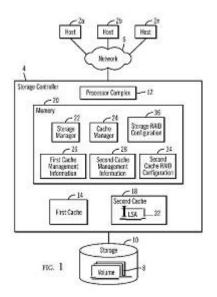
(43) Publication Date: 18/09/2015

(54) Title of the invention : POPULATING A FIRST STRIDE OF TRACKS FROM A FIRST CACHE TO WRITE TO A SECOND STRIDE IN A SECOND CACHE

(86) International Application No :P Filing Date :1 (87) International Publication No :W (61) Patent of Addition to Application Number :N	J.S.A. PCT/IB2012/057140 0/12/2012 VO 2013/108097 JA	(72)Name of Inventor:1)GUPTA Lokesh Mohan2)KALOS Matthew Joseph
(61) Patent of Addition to Application Number :N		2)KALOS Matthew Joseph 3)BENHASE Michael Thomas
Filing Date (62) Divisional to Application Number :N	JA JA	4)NIELSEN Karl Allen 5)ASH Kevin John

(57) Abstract:

Provided are a computer program product system and method for managing data in a cache system comprising a first cache a second cache and a storage system. A determination is made of tracks stored in the storage system to demote from the first cache. A first stride is formed including the determined tracks to demote. A determination is made of a second stride in the second cache in which to include the tracks in the first stride. The tracks from the first stride are added to the second stride in the second cache. A determination is made of tracks in strides in the second cache to demote from the second cache. The determined tracks to demote from the second cache are demoted.



No. of Pages: 34 No. of Claims: 32

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESSES FOR PRODUCING FERMENTATION PRODUCTS

(71)Name of Applicant: :C12P1/04,C12P7/06,C12N9/54 (51) International classification 1)NOVOZYMES A/S (31) Priority Document No :61/566281 Address of Applicant : Krogshoejvej 36 DK 2880 Bagsvaerd (32) Priority Date :02/12/2011 Denmark (33) Name of priority country :U.S.A. 2) NOVOZYMES NORTH AMERICA INC. (86) International Application No :PCT/US2012/067380 (72)Name of Inventor: Filing Date :30/11/2012 1)DEINHAMMER Randall (87) International Publication No: WO 2013/082486 2)CRAIG Joyce (61) Patent of Addition to :NA 3)MATSUI Tomoko **Application Number** :NA 4)TAKAGI Shinobu Filing Date 5)CLARK Suzanne (62) Divisional to Application :NA 6)MATTHEWS John Number :NA 7)HJULMAND Anne Glud Filing Date 8)SOONG Chee Leong

(57) Abstract:

The present invention relates to processes for producing fermentation products from starch containing material wherein an alpha amylase a thermostable protease and optionally a carbohydrate source generating enzyme and/or pullulanase are present and/or added during liquefaction. The invention also relates to compositions suitable for use in a process of the invention.

No. of Pages: 163 No. of Claims: 17

(21) Application No.4906/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ADHESIVE TAPE COMPOSITION AND ADHESIVE TAPE PREPARED FROM SAME

(51) International classification :C08F283/10,C09J4/06,C09J7/02 (71)Name of Applicant:

:21/12/2012

:201110444884.6 (31) Priority Document No (32) Priority Date :27/12/2011 (33) Name of priority country :China

(86) International Application :PCT/US2012/071123

No Filing Date

(87) International Publication No:WO 2013/101693

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M Center Post Office Box 33427 Saint

Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor:

1)WU Qing

(57) Abstract:

The present invention provides an adhesive tape composition and an adhesive tape prepared from same. Based on the total weight of the adhesive tape composition the adhesive tape composition comprises: 25 75 wt.% of an acrylate monomer; 20 70 wt.% of an epoxy resin; 0.001 3 wt.% of a free radical photoinitiator; 0 10 wt.% of a fumed silica; and 0.02 5 wt.% of a cationic thermal initiator. According to the present invention an adhesive tape having a room temperature retention time as long as 6 months that can be cured at low temperature such as 80 degree C can be produced from the adhesive tape composition.

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

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SUBSTITUTED 4 PHENYL PYRIDINES FOR THE TREATMENT OF NK 1 RECEPTOR RELATED DISEASES

(51) International classification	:C07D401/04,A61K31/44,A61P25/00	(71)Name of Applicant: 1)HELSINN HEALTHCARE SA
(31) Priority Document No	:61/564537	Address of Applicant :Via Pian Scairolo 9 CH 6912
(32) Priority Date	:29/11/2011	Lugano/Pazzallo Switzerland
(33) Name of priority	:U.S.A.	(72)Name of Inventor:
country	.U.S.A.	1)FADINI Luca
(86) International	:PCT/US2012/066778	2)MANINI Peter
Application No	:28/11/2012	3)PIETRA Claudio
Filing Date	.20/11/2012	4)GIULIANO Claudio
(87) International	:WO 2013/082102	5)LOVATI Emanuela
Publication No	.WO 2013/002102	6)CANNELLA Roberta
(61) Patent of Addition to	:NA	7)VENTURINI Alessio
Application Number	:NA	8)STELLA Valentino J.
Filing Date	.11/1	
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date	11111	

(57) Abstract:

Disclosed are compounds compositions and methods for the prevention and/or treatment of diseases which are pathophysiologically mediated by the neurokinin (NKj) receptor. The compounds have the general formula (I):

No. of Pages: 72 No. of Claims: 36

(21) Application No.4908/CHENP/2014 A

1)ARCELORMITTAL LNVESTIGACION Y

Address of Applicant :CL/Chavarri 6 ES 48910 ES 48910

(71)Name of Applicant:

DESARROLLO S.L.

Sestao Biskaia Spain

(72) Name of Inventor:

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: MARTENSITIC STEELS WITH 1700 2200 MPA TENSILE STRENGTH

(51) International

:C22C38/00,C22C38/04,C22C38/58 classification

(31) Priority Document No :61/629762 (32) Priority Date :28/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/066895

:28/11/2012

Filing Date (87) International Publication :WO 2013/082188

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SONG Rongjie 2)POTTORE Narayan S.

(57) Abstract:

Martensitic steel compositions and methods of production thereof. More specifically the martensitic steels have tensile strengths ranging from 1700 to 2200 MPa. Most specifically the invention relates to thin gage (thickness of 1 mm) ultra high strength steel with an ultimate tensile strength of 1700 2200 MPa and methods of production thereof.

No. of Pages: 65 No. of Claims: 17

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONNECTOR AND METHOD OF FILLING POTTING MATERIAL OF CONNECTOR

 (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 	:H01R3/00 :2011261928 :30/11/2011 :Japan :PCT/JP2012/007074 :05/11/2012 :WO 2013/080443 :NA :NA	(71)Name of Applicant: 1)YAZAKI CORPORATION Address of Applicant: 4 28 Mita 1 chome Minato ku Tokyo 1080073 Japan (72)Name of Inventor: 1)OHSUMI Hideki 2)TAKAHASHI Kazuhide 3)TANAKA Shigeru 4)TSUCHIYA Haruki
Number		,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A connector (1) includes: a terminal receiving chamber (3) provided in a connector housing (2) and configured to receive therein (3) a terminal; and a potting material filling portion (9) provided in the terminal receiving chamber (3) with a potting material filled in the potting material filling portion (9) thus allowing the potting material filling portion (9) to seal the terminal receiving chamber (3). With respect to the potting material filling portion (9) based on an occurring stress characteristic showing a filling amount of the potting material relative to a stress occurring in the potting material filling portion (9) and based on a peel strength characteristic showing the filling amount of the potting material relative to a peel strength of the potting material filling portion (9) the filling amount of the potting material is set within such a range as that the peel strength becomes larger than the occurring stress.

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

(21) Application No.4797/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: POLYMERISATION 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 	:11195903.7 :28/12/2011 :EPO :PCT/EP2012/076431 :20/12/2012 :WO 2013/098197 :NA :NA	(71)Name of Applicant: 1)INEOS EUROPE AG Address of Applicant: Avenue des Uttins 3 Rolle CH 1180 Vaud Switzerland (72)Name of Inventor: 1)BELL Andrew David 2)CAGNA Pierre Marie 3)BETTON Fabrice 4)HESLOP David 5)RAMSAY Kevin Peter
Filing Date	:NA	

(57) Abstract:

The present invention relates to a polymerisation process and in particular provides a process for the polymerisation of monomer in a polymerisation system having at least one component attached thereto which component is flushed with a flush medium which enters the polymerisation system wherein initially said component is flushed with a first flush medium and subsequently said component is flushed with a second flush medium.

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

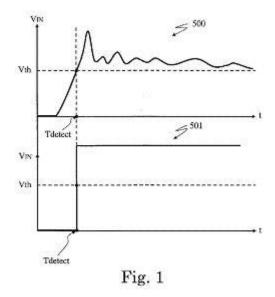
(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN ELECTRONIC SYSTEM FOR AN ELECTRICAL APPARATUS AND RELATED 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 	:H03K5/1252 :NA :NA :NA :PCT/EP2011/071426 :30/11/2011 :WO 2013/079109 :NA :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44 CH 8050 Zurich Switzerland (72)Name of Inventor: 1)DE NATALE Gabriele Valentino 2)DI MAIO Luciano 3)BIANCO Andrea
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(57) Abstract:

An electronic system for an associated electrical apparatus comprising: at least a binary input adapted to receive one or more candidate signals; at least an electronic active load having one or more electronic active devices and operatively connected to the binary input; control means which are operatively associated to the binary input and to the active load and which are adapted to: detect the application of a candidate signal to the binary input and electrically drive the active load upon such detection so as the active load absorbs at least a predetermined amount of energy from the candidate signal; after the absorption of said predetermined amount of energy validate the candidate signal if its residual content of energy exceeds a predetermined threshold.



No. of Pages: 45 No. of Claims: 20

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: RATE AND POWER CONTROL SYSTEMS AND METHODS USING HARQ FEEDBACK

(51) International classification :H04L1/00,H04L1/16,H04W52/54 (71)Name of Applicant : :61/584690 1)QUALCOMM INCORPORATED (31) Priority Document No (32) Priority Date :09/01/2012 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2013/020848 No 1)OUAN Zhi :09/01/2013 Filing Date 2)MERLIN Simone (87) International Publication 3) JONES Vincent K. :WO 2013/106441 4)VAN ZELST Albert (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A method includes transmitting a packet from a first wireless device to a second wireless device where data within the packet is encoded and a signal representing the packet is modulated in accordance with a modulation and coding scheme (MCS). The method also includes responsive to receiving an acknowledgement packet that includes a MCS change indicator from the second wireless device via a wireless local area network (WLAN) in response to transmitting the packet maintaining the MCS when the MCS change indicator has a first value and incrementing the MCS when the MCS has a second value.

No. of Pages: 60 No. of Claims: 57

:NA

(21) Application No.4919/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONCEALING DEVICE

(51) International classification	:B60D1/26,B66B15/06	(71)Name of Applicant:
(31) Priority Document No	:10 2011 120 047.2	1)SIEMAG TECBERG GMBH
(32) Priority Date	:02/12/2011	Address of Applicant :Kalteiche Ring 28 32 35708 Haiger
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/074159	(72)Name of Inventor:
Filing Date	:30/11/2012	1)HOFMANN Klaus
(87) International Publication No	:WO 2013/079699	2)HEISINGER Dennis
(61) Patent of Addition to Application	:NA	3)KOCH Matthias
Number	:NA	4)NYGA Karol
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a concealing device for the separable connection of the at least one loose drum rotatably mounted on the main shaft (11) of a conveyor machine to the main shaft (11) wherein the separable connection of the loose drum to the main shaft (11) is positively realised by means of a guided coupling wheel (3a 3b) that is engageable and disengageable by actuating devices (7). The guidance of the coupling wheel (3a 3b) is arranged on the sides of the loose drum.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICES FOR REDUNDANT FRAME CODING AND DECODING

(51) International classification :G10L19/005,G10L19/22,G10L19/09 (31) Priority Document No :61/589103 (32) Priority Date :20/01/2012 (33) Name of priority country :U.S.A. :PCT/US2013/022246

Application No Filing Date :18/01/2013

(87) International Publication No :WO 2013/109956

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor: 1)RAJENDRAN Vivek 2)KRISHNAN Venkatesh

(57) Abstract:

A method for redundant frame speech coding according to code excited linear prediction by an electronic device is described. The method includes determining an adaptive codebook energy and a fixed code book energy based on a frame. The method also includes coding a redundant version of the frame based on the adaptive codebook energy and the fixed codebook energy. The method further includes sending a subsequent frame.

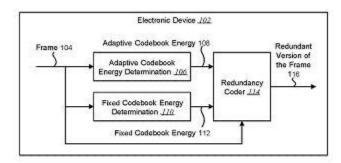


FIG. 1

No. of Pages: 59 No. of Claims: 58

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: UE INITIATED DYNAMIC ACTIVATION AND DE ACTIVATION OF SECONDARY CARRIERS

(51) International :H04L5/00,H04W72/02,H04W72/04

(31) Priority Document No :61/591237 (32) Priority Date :26/01/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/023163

Application No
Filing Date

FC1/03201

:25/01/2013

(87) International Publication :WO 2013/112848

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to

Application Number :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.

(72)Name of Inventor:

1)EHSAN Navid

2)KLINGENBRUNN Thomas 3)GOHARI Amir Aminzadeh

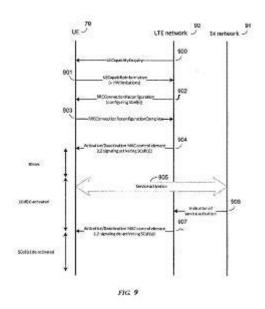
4)GHOLMIEH Aziz

5)GOROKHOV Alexei Yurievitch

6)KITAZOE Masato 7)MAHAJAN Amit 8)GAAL Peter

(57) Abstract:

Managing of secondary carriers for a multicarrier user equipment (UE) is described in which the UE initiates or provides input for activation and deactivation of selected secondary cells in a carrier aggregation depending on allocation or provisioning of UE radio frequency resources.



No. of Pages: 51 No. of Claims: 60

(21) Application No.4806/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: COMPOSITION FOR COATING A SUBSTRATE AND METHOD FOR COATING A SUBSTRATE

(51) International :C08K3/16,C08L23/22,C08L101/12 classification

(31) Priority Document No :11195648.8 (32) Priority Date :23/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/NL2012/050920

:21/12/2012 Filing Date

(87) International Publication :WO 2013/095146

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)FRANS NOOREN AFDICHTINGSSYSTEMEN B.V.

Address of Applicant :Gasselterstraat 20 NL 9503 JB

Stadskanaal Netherlands (72) Name of Inventor:

1)NOOREN Franciscus Petrus Marie

2)DODDEMA Jan Frederik 3)BROESDER Hindrik Harm

(57) Abstract:

The present invention relates to a composition comprising: (a) about 10 wt.% to about 90 wt.% of an amorphous polymer said amorphous polymer having a glass transition temperature of lower than about 20°C and (b) about 10 wt.% to about 90 wt.% of a solvent wherein the amounts of (a) and (b) are calculated on the total weight of the composition and wherein the solvent is a terpene having a boiling point of about 130°C to about 270°C. The present invention also relates to a process for the application of a protective layer to a substrate the process comprising application of a layer of the composition to the surface of the substrate or a part thereof. The present invention further relates to a container comprising the composition and a propellant.

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

(22) Date of filing of Application :25/06/2014

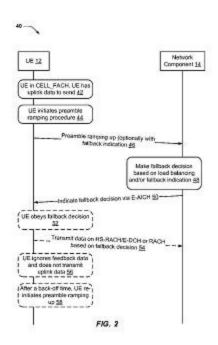
(43) Publication Date: 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL FALLBACK IN ENHANCED CELL FORWARD ACCESS CHANNEL DEDICATED CHANNEL

(51) International classification(31) Priority Document No(32) Priority Date	:H04W72/04 :61/592251 :30/01/2012	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2013/023941 :30/01/2013	5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)HSU Liangchi
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2013/116403 :NA :NA	2)KANAMARLAPUDI Sitaramanjaneyulu 3)AGARWAL Ravi 4)KAPOOR Rohit
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)SAMBHWANI Sharad Deepak 6)BHARADWAJ Arjun

(57) Abstract:

The described aspects include a user equipment (UE) apparatus network apparatus and corresponding methods of using fallback resources for communication. The UE can indicate fallback information to a network apparatus specifying whether fallback resources are preferred for communicating uplink data and can receive a fallback decision from the network apparatus specifying whether fallback resources are to be used for communicating the uplink data. The UE can then determine whether to communicate the uplink data to the network apparatus based in part on the fallback decision. The network apparatus can receive a preamble from a UE related to requesting access for transmitting uplink data and can determine a fallback decision specifying whether the UE is to utilize fallback resources in communicating the uplink data. The network apparatus then communicates the fallback decision to the UE.



No. of Pages: 47 No. of Claims: 30

(21) Application No.4926/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: WORM GEAR MECHANISM

(51) International classification	:F16H1/16,F16H55/22	(71)Name of Applicant:
(31) Priority Document No	:2011267389	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:06/12/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/081254	(72)Name of Inventor:
Filing Date	:03/12/2012	1)TANAKA Yosuke
(87) International Publication No	:WO 2013/084838	2)SHIMIZU Yasuo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A worm gear mechanism (44) comprises a worm (70) and a worm wheel (80) meshed with the worm. In the teeth of a hob (90) used for the gear cutting of the worm wheel at least the addendum surfaces (91c) are formed into arcuate shapes. The radial centers (93) of the arcs of the addendum surfaces are positioned nearer to a center line (WL) of the hob than a pitch line (94) of the hob. The worm wheel is cut into a gear by the hob. The worm is formed into the same shape as the hob. The recess meshing length (L) of the worm gear mechanism is designed to be greater than the recess meshing length (Llim) of a conventional worm gear mechanism.

No. of Pages: 59 No. of Claims: 2

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CYCLONE VACUUM CLEANER AND CYCLONE SEPARATION DEVICE

:A47L9/00,A47L9/16,B04C5/13 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/577387 (32) Priority Date :19/12/2011

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

(86) International Application No: PCT/IB2012/057369

Filing Date :17/12/2012

(87) International Publication No: WO 2013/093754

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)VAN DER KOOI Johannes Tseard

2) VAN DEN BOSCH Michael

3)DAM Peter

(57) Abstract:

The present invention relates to a cyclone separation device for separating particles from air and a cyclone vacuum cleaner (80). It has the objective to reduce noise without impairing the dirt separation performance. This is achieved an arrangement comprising a cyclone chamber (10) a dirt collecting chamber (50) arranged adjacent to the cyclone chamber (10) for collecting dirt particles separated from air a dirt duct (40) between the cyclone chamber (10) and the dirt collecting chamber (50) for allowing dirt particles to pass from the cyclone chamber (10) towards the dirt collecting chamber (50) and an air guide (60) arranged adjacent to the dirt duct (40) for reducing the momentum of the air in the dirt duct (40).

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

(21) Application No.4913/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR EMITTING INFRARED RADIATION USING REFLECTED RADIATION TO ENHANCE EMISSION EFFICIENCY

(51) International classification: G01J3/10,G01N21/35,G01N21/61 (71)Name of Applicant:

:WO 2013/093746

(31) Priority Document No :61/577123 (32) Priority Date :19/12/2011

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

(86) International Application :PCT/IB2012/057343

:14/12/2012

Filing Date (87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1) RUSSELL James Torrance

(57) Abstract:

A source assembly (48) configured to generate infrared electromagnetic radiation includes an emitter (60) that emits electromagnetic radiation over an emission solid angle. A portion of the emitted electromagnetic radiation is used in a detection. The portion of the user electromagnetic radiation surrounds the optical path in a usable solid angle. Electromagnetic radiation outside of the usable solid angle is focused back by a reflection assembly (64) onto the emitter to enhance the efficiency of the emitter.

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED SHAVING HEAD WITH DOMING 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 	:12/12/2012 :WO 2013/093718 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)ZUIDERVAART Jasper 2)GODLIEB Robert 3)HOITINGA Onno
(61) Patent of Addition to Application	:NA :NA	· ·
Filing Date	:NA	

(57) Abstract:

A cutter unit (1) for a rotary shaver is formed by an outer cutting element or cap (2) which interacts with a rotating inner cutting element or cutter (4) to trap and cut hairs. The cap has an annular shaving track (8) of domed cross section having slots (30) through which the hairs may protrude. The cutter has a convex upper face (22) to engage the shaving track and a concave forward face (26).

No. of Pages: 18 No. of Claims: 15

(21) Application No.4915/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CONTROL INTERFACE MODULE

(51) International

:H01R33/94,F21V23/04,F21K99/00

classification

(31) Priority Document No :61/577383

(32) Priority Date

:19/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/057382

:17/12/2012 Filing Date

(87) International Publication :WO 2013/093758

:NA

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)PEETERS Henricus Marie

2)KAANDORP Wouter Petrus

(57) Abstract:

The present invention relates to a control interface module (200) adapted to receive a lighting module (100) and to be fitted to a holder (300) by means of at least one fixating element provided through the control interface module (200) and into the holder (300) wherein the holder (300) comprises electrical connecting elements (308) for providing electrical power to the lighting module (100) and mechanical connecting elements (104 104 104) for fixating the lighting module (100) wherein the control interface module (200) comprising an inner surface (202) having at least one recess (204) matching a recess (304) arranged in the holder (300) wherein the at least one recess (204) is configured to receive a corresponding protruding portion (104) of the lighting module (100) a control signal input interface (214) adapted to receive at least one wire adapted to convey a control signal from a control unit and a control signal output interface (216) adapted to receive a control signal connector (108) of the lighting module (100) and to provide the control signal to the lighting module (100).

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

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: AUTOMATED DOPPLER PULSE CYCLE SELECTION

(51) International

:A61B8/06,G01N29/00,G01S15/00

classification

(31) Priority Document No (32) Priority Date

:61/576630 :16/12/2011

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

(86) International Application :PCT/IB2012/057033

:06/12/2012

Filing Date

(87) International Publication :WO 2013/088314

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

(72) Name of Inventor:

1)GUPTA Lalit

2)VAJINEPALLI Pallavi 3)SISODIA Rajendra Singh 4)RAMACHANDRAN Ganesan

5)FIRTION Celine

6)PETRUZZELLO John

7) ANAND Ajay

(57) Abstract:

A device (308) is configured for examining pulsatile flow for deriving based on the examined flow spectral characteristics and for based on the derived characteristics determining which one or more pulse cycles are to be selected as representative of the flow. The cycles selected can be consecutive and amount to a predetermined number of cycles such as five. The cycles (200) subject to selection may initially be filtered out based on waveform anomalies with the surviving cycles in a consecutive group of sufficient number being judged based on parameters such as waveform caliper measurements and other types of the characteristics. Good cycles are detected (202) by their lack of variation with respect to the measured parameters from each respective parameter median over the spectrogram cycles not initially filtered. The technique may according to user selection take into account additional parameters suited to particular medical application. Uses include correctly identifying an artery by name.

No. of Pages: 21 No. of Claims: 24

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : DEVICE AND METHOD FOR IN OFFICE UNSEDATED TRACHEOESOPHAGEAL PUNCTURE (TEP)

 (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 	:A61B17/34,A61F2/20 :61/576343 :15/12/2011 :U.S.A. :PCT/SG2012/000470 :12/12/2012 :WO 2013/089644 :NA :NA	(71)Name of Applicant: 1)SINGAPORE HEALTH SERVICES PTE LTD Address of Applicant: 31 Third Hospital Avenue #03 03 Bowyer Block C Singapore 168753 Singapore 2)NATIONAL UNIVERSITY OF SINGAPORE (72)Name of Inventor: 1)LAU David Pang Cheng 2)CHNG Chin Boon 3)CHUI Chee Kong
- 10	:NA :NA :NA	3)CHUI Chee Kong

(57) Abstract:

Various embodiments of the present disclosure are directed to apparatuses devices and procedures for unsedated in office tracheoesophageal puncture (TEP) using transnasal esophagoscopy (TNE) and a measurement cannula referred to as a TEP measurement and insertion device (MAID or TEP MAID). In some embodiments a MAID is configured for use with a mini tracheostomy kit; in other embodiments a MAID is configured to be carried and automatically or semi automatically deployed for instance by a handheld mechatronic device or an automated device such as a medical robot that carries an automated tracheoesophageal puncture and voice prosthesis insertion end effector. In accordance with an aspect of the present disclosure a MAID has a body that carries or includes indicators indicia or markings that facilitate or enable substantially direct and/or immediate estimation identification or measurement of a tissue extent or thickness corresponding to or across a tracheoesophageal fistula (e.g. a tracheoesophageal dividing wall thickness) and selection and insertion of a voice prosthesis such as a non indwelling voice prosthesis from Blom Singer. In certain embodiments a MAID includes at least an outer measurement cannula and an inner adaptor cannula configured to fit over or matingly engage with a dilator such as a short dilator provided in Portex s mini tracheostomy kit.

No. of Pages: 38 No. of Claims: 23

(21) Application No.4922/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PAROXETINE DERIVATIVE

(51) International :C07D405/12,A61K31/4525,A61P15/00 classification

(31) Priority Document

:61/592896

(32) Priority Date (33) Name of priority :31/01/2012 :U.S.A.

country

(86) International

:PCT/JP2013/051858 Application No :29/01/2013

Filing Date

(87) International :WO 2013/115163 Publication No

(61) Patent of Addition to :NA **Application Number** Filing Date

:NA

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)EISAI R&D MANAGEMENT CO. LTD.

Address of Applicant :4 6 10 Koishikawa Bunkyo ku Tokyo

1128088 Japan

(72)Name of Inventor:

1)TANAKA Keigo

2)NISHIOKA Tomoki

(57) Abstract:

11 6A compound represented by formula (1) or a pharmaceutically acceptable salt thereof retains the main beneficial effects of paroxetine while having an improved CYP inhibitory action. (1) [In the formula R is a hydrogen atom or a C alkyl group.]

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

(21) Application No.4923/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HANG TAG ASSEMBLY FOR A HOLE SAW

 (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 	:13/336836 :23/12/2011 :U.S.A.	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)PENDERGRAPH Melvin A. 2)WILLIAMS Crystal
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	3)KIM Arrik
Filing Date	:NA	

(57) Abstract:

A method of packaging a hole saw (14) includes positioning a circular cutting edge portion (20) of the hole saw against a surface of a base member (38) of a hang tag assembly (10). The base member includes a post that extends from the surface into a hollow interior (32) defined by the hole saw. A cap member (36) of the hang tag assembly is positioned adjacent a mounting portion (18) of the hole saw. The cap member includes a stem (60) and a display card portion (50). The stem is advanced through a bore (26) defined in the mounting portion and into the hollow interior of the hole saw. The post is then secured to the stem within the hollow interior of the hole saw.

No. of Pages: 31 No. of Claims: 16

(21) Application No.4924/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : POWER CONVERTER FOR VEHICLE GENERATOR MOTOR AND METHOD FOR CONTROLLING VEHICLE GENERATOR 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 	:07/03/2012 :WO 2013/132606 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)TABATA Mitsunori 2)MORI Masato 3)AKITA Kenichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a method for controlling a vehicle generator motor and a power converter for a vehicle generator motor configured so that in a field winding vehicle generator motor comprising a power converter connected to a rotating electric motor that has a field winding and an armature winding and being controlled in accordance with an external operating instruction the method for stopping a drive mode is switched according to the intended operating mode when the generator motor transitions to another operating mode from a drive state whereby the generator motor can rapidly transition to the desired operating mode without any incidence of unintended power generation excessive power generation or excessive torque fluctuation.

No. of Pages: 36 No. of Claims: 11

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 18/09/2015

(54) Title of the invention : AN INTELLIGENT WEARABLE DEVICE TO RECOGNIZE EMOTIONS IN CHILDREN WITH AUTISM

(51) International classification	:A61B5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PEOPLE'S EDUCATION SOCIETY INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :100 FEET RING ROAD,
(86) International Application No	:NA	BANASHANKARI STAGE III, BANGALORE 560 085
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. B. NIRANJAN KRUPA
Filing Date	:NA	2)MANOJ SANKAR P R
(62) Divisional to Application Number	:NA	3)MRINAL PAREKH
Filing Date	:NA	4)KARTHIK A R

(57) Abstract:

The wearable device comprises a plurality of sensors, a microprocessor, a wireless communication module and a miniature power supply. The plurality of sensors comprises a galvanic skin response (GSR) sensor and a pulse sensor. The galvanic skin response (GSR) sensor comprises a resistance measurement circuit, a low pass RC filter, a pair of electrodes and a conductive gel. The resistance measurement circuit is a Wheatstone bridge circuit with the three arms of known resistance and a fourth arm is kept open. The pair of electrodes with skin contact acts as resistor in the fourth arm. The pulse sensor comprises a pair of light emitting diodes and a pair of light collecting sensors. The plurality of sensors is connected to the microprocessor. The wireless communication module receives data from the microprocessor, encodes it and transmits it to a remote computing device.

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

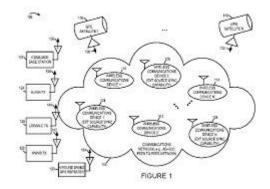
(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SYNCHRONIZING A WIRELESS NETWORK WITH AN EXTERNAL TIMING SOURCE

(71)Name of Applicant: (51) International classification :H04W56/00 1)OUALCOMM INCORPORATED (31) Priority Document No :13/349245 Address of Applicant :Attn: International IP Administration (32) Priority Date :12/01/2012 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (33) Name of priority country :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/US2013/021276 1)RICHARDSON Thomas J. Filing Date :11/01/2013 2)TAVILDAR Saurabh (87) International Publication No :WO 2013/106738 3)MERLIN Simone (61) Patent of Addition to Application :NA 4)ABRAHAM Santosh Paul Number 5)WU Zhibin :NA Filing Date 6)LI Junyi (62) Divisional to Application Number :NA 7)KHUDE Nilesh N. Filing Date :NA 8)SAMPATH Hemanth

(57) Abstract:

A communications device synchronizes itself with respect to an external reference signal e.g. a GPS signal. The communications device detects timing reference signals e.g. beacon signals from a communications network. If the communications device determines that the network is not synchronized to the external timing reference signal the communications device operates as a master timing control device. In various embodiments when operating as a master timing control device the wireless communications device communicates time stamps e.g. in beacon signals which indicate a greater passage of time than the actual passage of time. When operating as a master timing control device the communications device transmits network timing reference signals at a higher rate than is being used by the network to seize control of network timing and become the master timing control device. The communications device drives the network timing to synchronize network timing to the external timing reference.



No. of Pages: 46 No. of Claims: 20

(21) Application No.4809/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : EFFICIENT LIPID DELIVERY TO HUMAN TEAR FILM USING A SALT SENSITIVE EMULSION 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 	:A61K9/00,A61K9/107 :61/568089 :07/12/2011 :U.S.A. :PCT/US2012/068615 :07/12/2012 :WO 2013/086449 :NA	(71)Name of Applicant: 1)ALLERGAN INC. Address of Applicant: 2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor: 1)VEHIGE Joseph G. 2)SIMMONS Peter A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A salt free emulsion for the treatment of dry eye and other ocular conditions is disclosed which contains castor oil and does not contain olive oil which prolongs TBUT and provides superior comfort.

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

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

(51) International classification(31) Priority Document No	:G06F9/445 :201110392461.4	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:01/12/2011	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2. SEG Park
(86) International Application No	:PCT/CN2012/084721	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:16/11/2012	China
(87) International Publication No	:WO 2013/078951	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LIN Yehui
Number	:NA	2)WU Zurong
Filing Date	.11/1	3)CHANG Qing
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for upgrading software comprises: a client reports a software upgrade request to a server wherein the upgrade request carries file information of the local software to be upgraded (101); the server determines the difference with the latest version software according to the file information of the software to be upgraded in the upgrade request and generates upgrade instruction information according to the software difference and sends it to the client (102); the client downloads and upgrades the relevant file and performs the relevant local upgrade operation according to the instruction in the received upgrade instruction information (103). A system for upgrading software is disclosed as well. Application of the present solution can save bandwidth resources and reduce the workload for upgrading software.

No. of Pages: 29 No. of Claims: 15

(21) Application No.4931/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MICROBIAL BASED PROCESS FOR HIGH QUALITY PROTEIN CONCENTRATE

(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	:C12P21/04,C12N1/16,A23K1/16 :61/566557 :02/12/2011 :U.S.A. :PCT/US2012/067508 :02/12/2012 :WO 2013/082574 :NA :NA	(71)Name of Applicant: 1)PRAIRIE AQUA TECH Address of Applicant:809 32nd Avenue Brookings SD 57006 U.S.A. (72)Name of Inventor: 1)GIBBONS William R 2)BROWN Michael L
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention describes a bio based process to produce high quality protein concentrate (HQPC) by converting plant derived celluloses into bioavailable protein via aerobic incubation including the use of such HQPC so produced as a nutrient including use as a fish meal replacement in aquaculture diets.

No. of Pages: 59 No. of Claims: 20

(21) Application No.4822/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

:NA

:NA

(54) Title of the invention: ENDOSCOPY DEVICE

(51) International classification	:A61B1/273,A61M16/04	(71)Name of Applicant :
(31) Priority Document No	:1120628.1	1)THE LARYNGEAL MASK COMPANY LIMITED
(32) Priority Date	:30/11/2011	Address of Applicant :P.O. Box 221 Le Rocher Victoria Mahe
(33) Name of priority country	:U.K.	Seychelles
(86) International Application No	:PCT/GB2012/000876	(72)Name of Inventor:
Filing Date	:29/11/2012	1)BRAIN Archibald Ian Jeremy
(87) International Publication No	:WO 2013/079902	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Filing Date

An endoscopy device for facilitating the use of an endoscope comprising at least one airway tube and a mask carried at one end of the at least one airway rube the mask having a distal end and a proximal end and a peripheral formation capable of conforming to and of fitting within the actual and potential space behind the larynx of the patient so as to form a seal around the circumference of the laryngeal inlet the peripheral formation surrounding a hollow interior space or lumen of the mask and the at least one airway tube opening into the lumen of the mask the device further comprising a conduit adapted for passage of an endoscope into the oesophagus of a patient when the mask is in place.

No. of Pages: 61 No. of Claims: 29

(62) Divisional to Application Number

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: MONOCLONAL ANTIBODIES SPECIFIC FOR THE M2 1 ANTIGEN OF RESPIRATORY SYNCYTIAL VIRUS (RSV)

(51) International :C07K16/08,A61K39/395,G01N33/53

classification

(31) Priority Document No :30022011 (32) Priority Date :25/11/2011

(33) Name of priority :Chile

country

(86) International :PCT/IB2012/056688 Application No

:23/11/2012 Filing Date

(87) International

:WO 2013/076702 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)PONTIFICIA UNIVERSIDAD CATLICA DE CHILE

Address of Applicant : Av. Libertador Bernardo OHiggins 340

Santiago 8331150 Chile (72)Name of Inventor:

1)KALERGIS PARRA Alexis Mikes 2)BUENO RAMIREZ Susan Marcela 3)MORA ALARCON Jorge Eugenio 4) GMEZ JOHNSON Roberto Sebasti; n

(57) Abstract:

The invention relates to the use of monoclonal antibodies specific for respiratory syncytial virus (RSV). Specifically the invention relates to a monoclonal antibody IgG2A secreted by the cell line of hybridoma 8A4/G9 specifically directed to the M2 1 viral antigen which is associated with the nucleocapside of the virus. The antibodies can be used for assays for the detection and/or determination of RSV infection. Said antibodies are in the pure state and do not contain any other contaminating biological material. The invention also relates to a method for preventing and treating the infection caused by respiratory syncytial virus (RSV) in a host comprising the administration of a composition containing the monoclonal antibodies secreted by the 8A4/G9 hybridoma in sufficient doses to prevent the disease. The antibody can be humanised in order to minimise the possibility of an immune response against same in the patient. In addition the invention can be used to obtain any pharmaceutical form of the formulation of the monoclonal antibodies secreted by the 8A4/G9 hybridoma which are suitable for the treatment or prevention of the disease caused by RSV. In addition the invention relates to methods for the diagnosis and detection of viral antigens of RSV in biological samples using the monoclonal antibodies produced and secreted by cells of the 8A4/G9 hybridoma.

No. of Pages: 36 No. of Claims: 13

(22) Date of filing of Application :30/06/2014

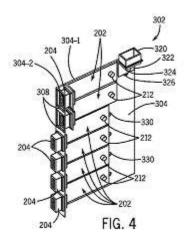
(43) Publication Date: 18/09/2015

(54) Title of the invention : CONNECTOR MODULES HAVING OPTICAL CONNECTORS MOVEABLE BETWEEN A RETRACTED POSITION AND AN EXTENDED POSITION

 (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 	:NA :NA :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)MEGASON George D. 2)LEIGH Kevin B. 3)SHERROD David W.
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(57) Abstract:

A plurality of connector modules are mounted to a support frame. The connector modules have respective optical connectors to optically connect with respective electronic devices where the optical connectors are moveable between a retracted position and an extended position. The optical connector of a first of the connector modules is retractable and extendable independently of a second of the connector modules.



No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: POLYCARBOXYLIC ACID EXTRACTION

(51) International :C07C55/10,C07C57/13,C07C57/15 classification

(31) Priority Document No :11195691.8 (32) Priority Date :23/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/076735

:21/12/2012

Filing Date

(87) International Publication :WO 2013/093043

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)PURAC BIOCHEM BV

Address of Applicant: Arkelsedijk 46 NL 4206 AC Gorinchem

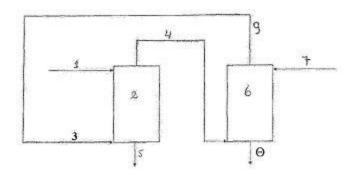
Netherlands

(72) Name of Inventor: 1)DE HAAN Andr Banier 2)VAN KRIEKEN Jan

3) • EKIC ŽIVKOVIC Tanja

(57) Abstract:

The invention pertains to method for recovering polycarboxylic acid from an aqueous mixture comprising the steps of: providing an aqueous mixture comprising polycarboxylic acid and at least 5 wt.% dissolved halide salt based on the total weight of water and dissolved material in the aqueous mixture extracting the polycarboxylic acid from the aqueous mixture into a first organic liquid comprising an organic solvent selected from the group consisting of ketones and ethers thereby obtaining an organic polycarboxylic acid solution and an aqueous waste liquid comprising the halide salt and extracting the polycarboxylic acid from the organic carboxylic acid solution into an aqueous liquid thereby obtaining an aqueous polycarboxylic acid solution and a second organic liquid. The method according to the invention allows a combined purification and concentration step for feed solutions of polycarboxylic acids.



Figu: t:e 1

No. of Pages: 40 No. of Claims: 15

(21) Application No.4698/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE BODY STRUCTURE

(51) International classification	:B62D25/20,B62D25/08	(71)Name of Applicant:
(31) Priority Document No	:2011258148	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:25/11/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/077101	(72)Name of Inventor:
Filing Date	:19/10/2012	1)HABUKA Tetsuya
(87) International Publication No	:WO 2013/077123	2)OHDO Takaki
(61) Patent of Addition to Application	:NA	3)OGURA Hiroyuki
Number	:NA	4)NAGATA Kouji
Filing Date	.IVA	5)MIYAMOTO Wataru
(62) Divisional to Application Number	:NA	6)OKOSHI Masahiko
Filing Date	:NA	

(57) Abstract:

Provided is a vehicle body structure provided with: left and right side frames (31 31) having a kick up part (37); and an inclined floor (29). The kick up part (37) is formed on the left and right side frames (31 31) upward from the lower end side of a door opening formed on the side surface of the vehicle body. The inclined floor (29) is formed between the left and right side frames (31 31) from the upper end (37a) side of the kick up part (37) toward the rear opening (23) on the rear end surface of the vehicle body. A torsion beam (52) of the rear suspension (50) is disposed below the front end (29b) of the inclined floor (29).

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND DEVICE FOR HANDLING BAGS COMBINED INTO BUNDLES

(51) International :B65B43/14,B65B63/02,B31B19/98

classification

(31) Priority Document No :10 2011 119 041.8 (32) Priority Date :22/11/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/004775

:16/11/2012 Filing Date

(87) International Publication :WO 2013/075807

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)FOCKE & CO. (GMBH & CO. KG)

Address of Applicant : Siemensstrae 10 27283 Verden

Germany

(72) Name of Inventor:

1)SACHS Frank

2)BRANDHORST Bjrn 3)SCHNECKE Jrg

(57) Abstract:

The invention relates to a method for handling bags (10) combined into bundles (13) in particular wicketed bags and for delivering the bags (10) to a packaging machine (11). Furthermore the invention relates to a corresponding device. The invention is characterised by the following features: the bags (10) are supplied in a plurality of bundles (13) in a magazine (14) that is arranged upstream of the packaging machine (11); the bundles (13) are each arranged on bag carriers (15) in such a way that the bag carriers (15) extend through suspension holes (12) in the bags (10); the bag carriers (15) having the bags (10) located thereon are delivered from the magazine (14) to the packaging machine (11); the bundles (13) are transferred from the bag carriers (15) directly to correspondingly arranged receiving pins (28) of a cyclically driven conveyor apparatus (29) of the packaging machine (11) and are subsequently filled in the packaging machine (11).

No. of Pages: 43 No. of Claims: 15

(22) Date of filing of Application :26/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: CARTRIDGE ATTACHABLE TO AND DETACHABLE FROM ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS MAIN BODY METHOD FOR ASSEMBLING PHOTOSENSITIVE DRUM DRIVE TRANSMISSION DEVICE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS

(51) International classification	:G03G21/18	(71)Name of Applicant :
(31) Priority Document No	:2011266989	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:06/12/2011	Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
(33) Name of priority country	:Japan	Tokyo 1468501 Japan
(86) International Application No	:PCT/JP2012/082271	(72)Name of Inventor:
Filing Date	:06/12/2012	1)KAWAKAMI Takuya
(87) International Publication No	:WO 2013/085073	2)KOMATSU Noriyuki
(61) Patent of Addition to Application	:NA	3)SHIRAKATA Sho
Number	:NA	4)KOISHI Isao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		•

In a configuration which comprises a sphere in which a coupling member is an inclination (tilt) center and which includes an opening portion whereof a rotational force transmission target member has a diameter smaller than the diameter of the sphere in order to prevent the coupling member from becoming detached from the rotational force transmission target member as a result of an inner edge abutting the sphere an inner edge of the opening portion may limit the inclinable (tiltable) degree of the coupling member. While a pin (88) that is a shaft portion is inserted into a hole (86b) that is a through hole formed in a coupling member (86) both ends of the pin (88) are supported by a drive side flange (87) that is a rotational force transmission target member. In this manner the coupling member (86) the drive side flange (87) and the pin (88) are connected to each other and the coupling member (86) is prevented from becoming detached from the drive side flange (87) without having to limit the inclinable (tiltable) degree as the pin (88) adjoins an inner side of the hole (86b).

No. of Pages: 170 No. of Claims: 45

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

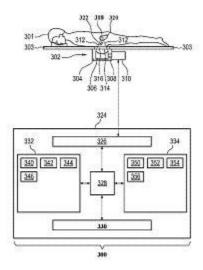
(54) Title of the invention : CALCULATING THE ULTRASONIC INTENSITY ESTIMATE USING AN INCOHERENT SUM OF THE ULTRASONIC PRESSURE GENERATED BY MULTIPLE TRANSDUCER ELEMENTS

(51) International classification(31) Priority Document No	:A61B17/22,A61N7/02 :61/579127	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:22/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057204	(72)Name of Inventor:
Filing Date	:12/12/2012	1)KOSKELA Ilpo Asko Julius
(87) International Publication No	:WO 2013/093716	2)MOUGENOT Charles
(61) Patent of Addition to Application	:NA	3)H,,KKINEN Marko Tapani
Number		-
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides for a medical instrument (300 500 600) comprising a high intensity focused ultrasound system (302) comprising an ultrasonic transducer (306) with multiple transducer elements (400 402 404 406 408). The medical instrument further comprises a memory (334) containing machine executable instructions (350 352 354 520 522 524) which cause a processor to receive (100 200) a treatment plan (340) specifying a protected zone (322) within a subject (301) and to calculate (102 208) a set of transducer control parameters (342) using the treatment plan. The set of transducer control parameters specify the switching of electrical power to the multiple transducer elements. An ultrasonic intensity estimate (900) in the protected zone is below a predetermined threshold. The ultrasonic intensity estimate is calculated using an incoherent sum of the ultrasonic pressure generated by each of the multiple transducer elements.





No. of Pages: 42 No. of Claims: 15

(21) Application No.4819/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: LITHIUM SECONDARY BATTERY

(51) International :H01M10/052,H01M4/587,H01M4/525 classification

:Republic of Korea

:WO 2014/116085

:28/01/2014

:PCT/KR2014/000800

(31) Priority Document :1020130009338

:28/01/2013 (32) Priority Date

(33) Name of priority

country

(86) International Application No

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)LG CHEM LTD.

Address of Applicant: 128 Yeoui daero Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor: 1)YU Sung Hoon

2)KANG Yoo Sun 3)LEE Kyung Mi

4)PARK Jin Hyun 5)SUK Jung Don

6)YANG Doo Kyung

(57) Abstract:

The present invention provides a lithium secondary battery comprising: a positive pole; a negative pole; a separator; and a gel polymer electrolyte wherein i) the negative pole comprises a Si based negative pole active material ii) the gel polymer electrolyte is made by polymerizing a composition comprising a monomer having a functional group capable of binding to a metal ion wherein iii) charge voltage of the battery is within the range of 3.0V to 5.0V. The lithium secondary battery according to the present invention prevents metal ions eluted from the positive pole from moving to the negative pole or reduces metal precipitation in the negative pole and thereby enhances the life of the battery and retains superior capacity properties of the battery when charged with normal voltage as well as high voltage.

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: A MALE MOULD ELEMENT

(51) International :B29C33/04,B29L31/56,B29C45/73 classification

(31) Priority Document No :MO2012A000072 (32) Priority Date :21/03/2012

(33) Name of priority country: Italy

(86) International Application :PCT/IB2013/052210

:20/03/2013

Filing Date

(87) International Publication :WO 2013/140351

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

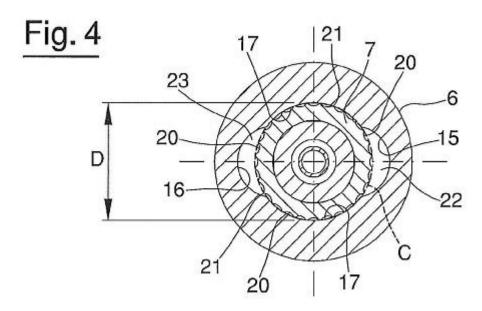
1)SACMI COOPERATIVA MECCANICI IMOLA

SOCIETA COOPERATIVA

Address of Applicant: Via Selice Provinciale 17/A I 40026

Imola (Bologna) Italy (72) Name of Inventor: 1)PENAZZI Davide

A male mould element comprises a cooling circuit having first passage means (15 16; 115 116; 215 216; 315 316; 415 416; 615 616) obtained in a first component (6; 106; 206; 306; 406; 606) of the male mould element and second passage means (20; 120; 220; 320; 420; 620) obtained in a second component (7; 107; 207; 307; 407; 607) of the male mould element the first passage means (15 16; 115 116; 215 216; 315 316; 415 416; 615 616) and the second passage means (20; 120; 220; 320; 420; 620) being distributed around a longitudinal axis (Z; Zl; Z3) of the male mould element so that there exist a plurality of angular positions of the first component (6; 106; 206; 306; 406; 606) relative to the second component (7; 107; 207; 307; 407; 607) in which the first passage means (15 16; 115 116; 215 216; 315 316; 415 416; 615 616) are in fluid communication with the second passage means (20; 120; 220; 320; 420;



No. of Pages: 65 No. of Claims: 21

(21) Application No.4944/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD FOR INCREASING PLANT YIELD AND YIELD IMPROVING COMPOSITIONS

(51) International classification :A01H4/00,A01H3/04,A01G7/06 (71)Name of Applicant: (31) Priority Document No :61/581819 1)PLANT HEALTHCARE INC. (32) Priority Date :30/12/2011 Address of Applicant :2626 Glenwood Ave. Suite 350 Raleigh (33) Name of priority country :U.S.A. NC 27608 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2012/072269 No 1)WEI Zhongmin :31/12/2012 Filing Date (87) International Publication No:WO 2013/102189 (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

The present invention relates to a method of increasing yield of a plant. This method involves applying to a plant and/or area of cultivation thiophanate methyl and an isolated hypersensitive response elicitor protein or polypeptide fragment wherein said applying is carried out under conditions effective to induce a synergistic yield from the plant. The present invention also relates to a composition comprising a liquid or solid carrier thiophanate methyl and an isolated hypersensitive response elicitor protein or polypeptide fragment.

No. of Pages: 58 No. of Claims: 32

(21) Application No.4945/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SITAXSENTAN DERIVATIVE

(51) International classification :C07D413/14,A61K31/422,A61P9/14

(31) Priority Document No :61/592923 (32) Priority Date :31/01/2012 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/JP2013/051857

Filing Date :29/01/2013

(87) International Publication No :WO 2013/115162

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)EISAI R&D MANAGEMENT CO. LTD.

Address of Applicant :4 6 10 Koishikawa Bunkyo ku Tokyo

1128088 Japan

(72)Name of Inventor: 1)TANAKA Keigo 2)NISHIOKA Tomoki

(57) Abstract:

1231 6A compound represented by formula (1 1) or (1 2) or a pharmaceutically acceptable salt thereof retains the main beneficial effects of sitaxsentan while having an improved CYP inhibitory action. [In the formulas R is a halogen atom etc. R is a methyl group etc. R is a C alkyl group etc. and M is a group represented by formula AA etc.]

No. of Pages: 32 No. of Claims: 13

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND USER EQUIPMENT FOR CONTROLLING UPLINK TRANSMISSION POWER

(51) International classification	:H04W52/34	(71)Name of Applicant:
(31) Priority Document No	:201110426330.3	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:19/12/2011	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/085401	(72)Name of Inventor:
Filing Date	:28/11/2012	1)ZHANG Xingwei
(87) International Publication No	:WO 2013/091465	2)CHANG Junren
(61) Patent of Addition to Application	:NA	3)CHEN Yuhua
Number	:NA	4)FAN Xiaoan
Filing Date	.11/1	5)LI Bo
(62) Divisional to Application Number	:NA	6)CHENG Yan
Filing Date	:NA	7)LI Yuanjie

(57) Abstract:

Provided are a method and a User Equipment (UE) for controlling uplink transmission power the method includes: UE judges whether the adjacent subframes among multiple carriers transmit uplink channels at the same time; the adjacent subframes among multiple carriers are partly overlapped; the multiple carriers have different timing advance value; if the adjacent subframes among multiple carriers transmit uplink channels at the same time the user equipment will perform a processing for the uplink channels transmitted by the last symbol so the total transmission power of the uplink channels is below the maximal transmission power or interference level of the user equipment the last symbol is in the partly overlapped subframes of the carriers except the carrier has the maximal timing advance value. The embodiment of the present invention avails to avoid power restricted caused when the uplink transmission power of the UE exceeds the maximal transmission power of the UE or to avoid interference restricted caused when the uplink transmission power of the UE reaches the interference level and these are caused when the UE transmits uplink channels through the carriers having different Timing Advance Group (TAG) and the adjacent subframes among carriers having different TAG are partly overlapped.

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

(21) Application No.4829/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : USE OF POLYMER POWDER COMPOSITIONS THAT CAN BE REDISPERSED IN WATER FOR LOAM CONSTRUCTION MATERIALS

(51) International classification	:CO4B 24/26	(71)Name of Applicant:
	(2006.01)	1)WACKER CHEMIE AG
(31) Priority Document No	:10 2004 013 468.5	Address of Applicant :Hanns-Seidel-Platz 4, 81737 Munich,
(32) Priority Date	:18/03/2004	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2005/02544	1)LUTZ, Hermann
Filing Date	:18/09/2006	2)SOMMERAUER, Alois
(87) International Publication No	:WO/2005/092816	3)BONIN, Klaus
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:3403/CHENP/2006	
Filed on	:18/09/2006	
(57) A1		I .

(57) Abstract:

The invention relates to the use of polymer powder compositions in loam construction materials. Said compositions can be redispersed in water, are devoid of emulsifiers and contain one or more film-forming polymers, one or more protective colloids, in addition to optional anti-caking agents.

No. of Pages: 16 No. of Claims: 4

(21) Application No.4830/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: PROCESS FOR PREPARING HYDROCRACKING CATALYST

(51) International

:B01J21/12,B01J23/883,B01J37/02

classification

(31) Priority Document No :11195488.9 :23/12/2011

(32) Priority Date

(33) Name of priority country: EPO

(86) International Application

:PCT/EP2012/076292

No

:20/12/2012 Filing Date

(87) International Publication :WO 2013/092806

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71) Name of Applicant:

1)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR

The Hague Netherlands

2)SHELL OIL COMPANY

(72)Name of Inventor:

1)OUWEHAND Cornelis

2)RIGUTTO Marcello Stefano

3)VAN WELSENES Jan Arend

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

⁽⁵⁷⁾ Abstract:

³¹²Process for preparing a sulphided hydrocracking catalyst comprising the steps of (a) treating an amorphous silica alumina carrier with one or more Group VIB metal components one or more Group VIII metal components and a C C polyhydric compound (b) drying the treated catalyst carrier at a temperature of at most 200 °C to form an impregnated carrier and (c) sulphiding the impregnated carrier to obtain a sulphided catalyst.

(22) Date of filing of Application :01/07/2014

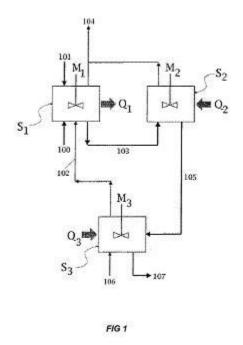
(43) Publication Date: 18/09/2015

(54) Title of the invention : A PROCESS FOR SYNTHESIS OF UREA AND A RELATED ARRANGEMENT FOR A REACTION SECTION OF A UREA PLANT

 (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 	:C07C273/04 :11192011.2 :05/12/2011 :EPO :PCT/EP2012/072669 :15/11/2012 :WO 2013/083378 :NA :NA	(71)Name of Applicant: 1)UREA CASALE SA Address of Applicant: Via Giulio Pocobelli 6 CH 6900 Lugano Besso Switzerland (72)Name of Inventor: 1)SIOLI Giancarlo 2)CAVUOTI Giacomo
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for synthesis of urea and a related reaction section of a urea plant where: ammonia and carbon dioxide are reacted in a liquid phase in a first reaction zone (S1) and heat (Q1) is withdrawn from said first reaction zone to promote the formation of ammonium carbamate the liquid product (103) from said first reaction zone is then passed to a second reaction zone (S2) distinguished from said first reaction zone and heat (Q2) is added to said second reaction zone to promote the decomposition of ammonium carbamate into urea and water where the liquid phase in at least one of said first reaction zone and second reaction zone is kept in a stirred condition. A downflow reactor for carrying out the above process is also disclosed.



No. of Pages: 41 No. of Claims: 26

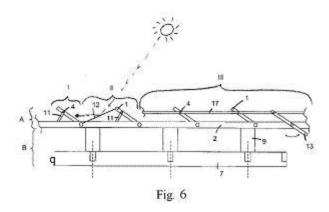
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : LOW WIND RESISTANCE SELF BALLASTING PHOTOVOLTAIC MODULE MOUNTING SYSTEMS

(51) International classification	:H01L31/042,F24J2/52	(71)Name of Applicant:
(31) Priority Document No	:61/568142	1)NUVOSUN INC.
(32) Priority Date	:07/12/2011	Address of Applicant :1565 Barber Lane Milpitas CA 95035
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/068309	(72)Name of Inventor:
Filing Date	:06/12/2012	1)PEARCE David B.
(87) International Publication No	:WO 2013/086240	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure provides a photovoltaic module array mounting system comprising a photovoltaic module array comprising a plurality of photovoltaic modules. An individual photovoltaic module of the plurality can include one or more photovoltaic cells that can be configured to generate electricity upon exposure to light. The system can further comprise a first mounting structure comprising a frame that mounts the photovoltaic module array. The first mounting structure can permit rotation of an individual photovoltaic module of the plurality of photovoltaic modules of the photovoltaic module array. The system can further comprise a second mounting structure mounted to the first mounting structure with the aid of a plurality of posts. The second mounting structure comprises modular elements that are configured to couple to one another with the aid of snap in feature



No. of Pages: 28 No. of Claims: 25

(21) Application No.4958/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR THE HYDROCONVERSION OF PETROLEUM FEEDSTOCKS IN FIXED BEDS FOR THE PRODUCTION OF FUEL OILS HAVING A LOW SULPHUR CONTENT

(51) International classification:C10G65/04,C10G65/12,C10L1/08 (71)Name of Applicant:

(31) Priority Document No :11/03758

(32) Priority Date :07/12/2011 (33) Name of priority country :France

(86) International Application :PCT/FR2012/000446

:08/11/2012 Filing Date

(87) International Publication

:WO 2013/083883

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)IFP ENERGIES NOUVELLES

Address of Applicant :1 et 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

(72) Name of Inventor: 1)WEISS Wilfried

2)GUIBARD Isabelle 3)DASTILLUNG Rjane

(57) Abstract:

The invention relates to a method for converting petroleum feedstocks for the production of fuel oils having a low sulphur content including the following successive steps: a step comprising the fixed bed hydrodemetallation of the feedstock using upstream a system of switchable fixed bed reactors; a step comprising the fixed bed hydrocracking of the hydrodemetallised effluent in the presence of a hydrocracking catalyst; a separation step for obtaining a heavy fraction; and a step comprising the hydrodesulphurisation of the heavy fraction in which hydrogen is reinjected.

No. of Pages: 38 No. of Claims: 16

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CHARGING COIL SYSTEM FOR A DROP IN TARGET DEVICE SUCH AS A TOOTHBRUSH

(51) International classification(31) Priority Document No(32) Priority Date	:H02J7/02 :61/578970 :22/12/2011	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057117	(72)Name of Inventor:
Filing Date	:10/12/2012	1)SAYLES Thomas Jackson
(87) International Publication No	:WO 2013/093697	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for charging at least one target device (29) having a secondary coil (27) positionable in a charging receptacle (25) having a primary coil (23) connected to a source of electrical power wherein the secondary coil of the target device is out of precise alignment with the primary coil when the target device is positioned in the receptacle. A plurality of steering coils (22 22) are arranged around the primary coil. A control circuit (24) changes the magnetic field phase pattern of the steering coils relative to the phase of magnetic field of the primary coil in a selected sequence until the maximum power transfer between the primary coil and the secondary coil is determined. Charging of the target device is continued with the maximum power transfer steering coil phase pattern.

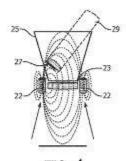


FIG. 4

No. of Pages: 15 No. of Claims: 14

(22) Date of filing of Application :01/07/2014

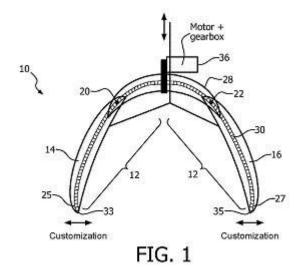
(43) Publication Date: 18/09/2015

(54) Title of the invention : MOUTHPIECE FOR CLEANING TEETH WITH AN ADJUSTABLE ARC LENGTH AND/OR ARC WIDTH

 (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 	:61/579000 :22/12/2011 :U.S.A. :PCT/IB2012/057397 :17/12/2012 :WO 2013/093764 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)DE VRIES Johannes Hotze Bernhard
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The mouthpiece includes an arcuate base assembly (12) comprising two side pieces (14 16) and an intermediate center piece (18) the two side pieces (14 16) being connected rotatably to opposing ends of the center piece (18) such that the rear ends of the side pieces move outwardly and inwardly. A flexible screw thread spindle (30) having two side portions and a front portion is connected at the free ends thereof (33 35) to the rear ends of the side pieces of the base assembly such that the flexible spindle member follows the arcuate shape of the base assembly. Two side carriages (40 42) are mounted on opposing side portions of the spindle (30) the carriages having bristles (43) mounted thereon for cleaning teeth. A motor and gear box assembly (36) are mounted at the front of the appliance for moving the two carriages along the respective side portions of the spindle (30) which have opposing screw threads. A front carriage (48) is mounted on and moves along a front spindle by a front motor and gear box (36).



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

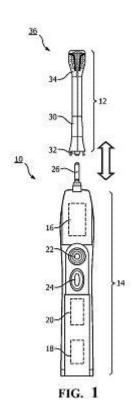
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BRUSHHEAD FOR A POWER TOOTHBRUSH WITH MOVING PADDLE MEMBERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61C77/22 :61/578961 :22/12/2011 :U.S.A.	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
 (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 		(72)Name of Inventor: 1)KLOSTER Tyler G.

(57) Abstract:

A power toothbrush brushhead includes a neck portion which is attachable to a drive member of the power toothbrush which operates in a sweeping i.e. partially rotating manner. The brushhead includes a neck portion and a bristle base member at a distal end of the neck portion. The bristle base member includes a central portion and two paddle members on opposing sides of the central portion. The central portion and paddle members are supported at one end thereof in cantilever fashion from the distal end of the neck portion with the other ends thereof being free to move. The action of the drive member moves the central portion in a sweeping back and forth motion which results in an in and out movement of the two paddle members.



No. of Pages: 11 No. of Claims: 8

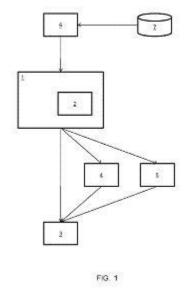
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESSING AND DISPLAYING A BREAST IMAGE

 (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 	:G06T7/00 :61/578956 :22/12/2011 :U.S.A. :PCT/IB2012/057025 :06/12/2012 :WO 2013/093687 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)SERLIE Iwo Willem Oscar 2)MARTHERUS Rudolph
(61) Patent of Addition to Application		,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for processing a breast image is described. A glandular tissue contour detector (1) is arranged for detecting a contour (407) of a glandular tissue (303) represented in the breast image (310) the glandular tissue detector (1) detecting the contour of a region within the image that comprises the mammary glands of a breast (301) represented in the breast image (310). The glandular tissue contour detector (1) comprises a concave hull determiner (2) for determining a concave hull of the region to obtain the contour (407). A display unit (3) is arranged for displaying the breast image (310) with the contour (407) superimposed.



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

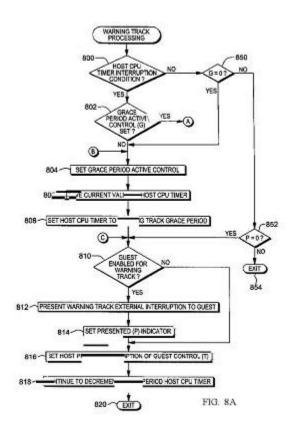
(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: USE OF A WARNING TRACK INTERRUPTION FACILITY BY A 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 	:G06F9/46 :13/352514 :18/01/2012 :U.S.A. :PCT/IB2012/056370 :13/11/2012 :WO 2013/108090 :NA :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk NY 10504 U.S.A. (72)Name of Inventor: 1)GAINEY Charles Jr. 2)KUBALA Jeffrey Paul 3)FARRELL Mark 4)SCHMIDT Donald William 5)MULDER James 6)PIERCE Bernard 7)ROGERS Robert
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(57) Abstract:

A program (e.g. an operating system) is provided a warning that it has a grace period in which to perform a function such as cleanup (e.g. complete stop and/or move a dispatchable unit). The program is being warned in one example that it is losing access to its shared resources. For instance in a virtual environment a guest program is warned that it is about to lose its central processing unit resources and therefore it is to perform a function such as cleanup.



No. of Pages: 66 No. of Claims: 20

(22) Date of filing of Application :25/06/2014

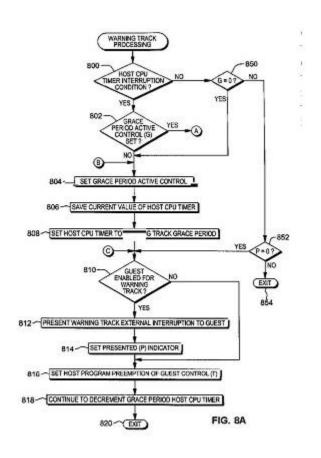
(43) Publication Date: 18/09/2015

(54) Title of the invention : PROVIDING BY ONE PROGRAM TO ANOTHER PROGRAM ACCESS TO A WARNING TRACK FACILITY

 (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 	:G06F9/46 :13/352518 :18/01/2012 :U.S.A. :PCT/IB2012/056372 :13/11/2012 :WO 2013/108092 :NA :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New York 10504 U.S.A. (72)Name of Inventor: 1)GAINEY JR Charles 2)KUBALA Jeffrey Paul 3)FARRELL Mark 4)SCHMIDT Donald William 5)PIERCE Bernard 6)ROGERS Robert 7)MULDER James
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(57) Abstract:

A program (e.g. an operating system) is provided a warning that it has a grace period in which to perform a function such as cleanup (e.g. complete stop and/or move a dispatchable unit). The program is being warned in one example that it is losing access to its shared resources. For instance in a virtual environment a guest program is warned that it is about to lose its central processing unit resources and therefore it is to perform a function such as cleanup.



No. of Pages: 71 No. of Claims: 20

(21) Application No.4838/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: DEVICE FOR ANALYSING BLEMISHES OF A TRANSPARENT SUBSTRATE

:G01N21/896,G01N21/958 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1161114 (32) Priority Date :02/12/2011 (33) Name of priority country :France

(86) International Application No :PCT/FR2012/052740

Filing Date :28/11/2012 (87) International Publication No :WO 2013/098497

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number: NA Filing Date :NA

1)SAINT GOBAIN GLASS FRANCE

Address of Applicant :18 Avenue dAlsace F 92400

Courbevoie France (72) Name of Inventor: 1)PICHON Michel 2)DAVENNE Franc 3) CEREYRON Arnaud

(57) Abstract:

The invention relates to a device (1) for analysing one or more at least partially transparent substrates (2) moving relative to the device (1) including: a lighting system (4 6) capable of simultaneously producing different types of lighting in separate lighting areas through which each substrate (2) is to move; a matrix camera (12) capable of acquiring an image transmitted and/or reflected by the substrate(s) (2) of multiple rows of pixels and capable of acquiring simultaneously an image of multiple groups of adjacent rows of pixels that correspond to the aforementioned separate areas respectively; and a control unit (14) comprising a memory (15) in which control programs are stored that can control the camera (12) for various acquisitions synchronised with the speed of travel of the substrate(s) (2).

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

(21) Application No.4839/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MAGNETIC POWER GENERATION

 (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 	:H02P9/40 :NA :NA :NA :NA :PCT/IL2011/000918 :01/12/2011 :WO 2013/080194 :NA :NA :NA	(71)Name of Applicant: 1)KOLCHEH Yaacov Address of Applicant:8/2 Malchei Yehuda Street 81584 Yavne Israel (72)Name of Inventor: 1)KOLCHEH Yaacov
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(57) Abstract:

A magnetic power generating machine including a central magnet which is configured to traverse a path having first and second ends and is connected by a linkage to rotate a shaft as the central magnet traverses the path first and second side magnets which are respectively disposed adjacent to the first and second ends of the path and are oriented to repel the central magnet so that a magnetic force between the central magnet and the first and second side magnets causes the central magnet to oscillate between the ends of the path thereby rotating the shaft and first and second shutter assemblies each including at least one ferromagnetic shutter and a mechanism which is arranged to open the at least one ferromagnetic shutter as the central magnet approaches the shutter assembly thereby modulating the magnetic force synchronously with oscillation of the central magnet.

No. of Pages: 16 No. of Claims: 9

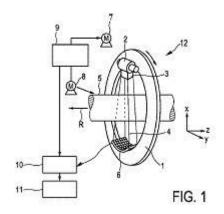
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : DETECTION APPARATUS FOR DETECTING PHOTONS TAKING PILE UP EVENTS INTO ACCOUNT

 (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 	:13/12/2012 :WO 2013/093726 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)PROKSA Roland 2)ROESSL Ewald
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a detection apparatus (12) for detecting photons. The detection apparatus comprises a pile up determining unit (15) for determining whether detection signal pulses being indicative of detected photons are caused by a pile up event or by a non pile up event wherein a detection values generating unit (16) generates detection values depending on the detection signal pulses and depending on the determination whether the respective detection signal pulse is caused by a pile up event or by a non pile up event. In particular the detection values generating unit can be adapted to reject the detection signal pulses caused by pile up events while generating the detection values. This allows for an improved quality of the generated detection values.



No. of Pages: 25 No. of Claims: 15

(21) Application No.4735/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR PURIFYING 1 3 BUTADIENE

(51) International classification :C07C7/00,C07C7/05,C07C7/12 (71)Name of Applicant :

(31) Priority Document No :2011259130 (32) Priority Date :28/11/2011

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2012/080609

Filing Date :27/11/2012 (87) International Publication No: WO 2013/080967

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) ASAHI KASEI CHEMICALS CORPORATION

Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan

(72) Name of Inventor: 1)NAKAHARA Tatsuto 2)NAKANO Hiroshi

(57) Abstract:

The purpose of the present invention is to provide a method for purifying 1 3 butadiene said method being capable of the following: effectively removing from 1 3 butadiene that contains a polymerization inhibitor organic compounds that are detrimental to anion polymerization; and inhibiting the formation of popcorn. Provided is a method for purifying 1 3 butadiene said method having the following steps: a water washing step in which 1 3 butadiene is washed in low oxygen water having an oxygen concentration of less than 2 mg/L; and a subsequent polymerization inhibitor removal step in which polymerization inhibitors in the 1 3 butadiene are removed.

No. of Pages: 62 No. of Claims: 6

(22) Date of filing of Application :26/06/2014

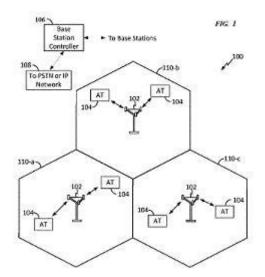
(43) Publication Date: 18/09/2015

(54) Title of the invention : METHODS AND DEVICES FOR FACILITATING LOCATION APPROXIMATION IN A CDMA 1X NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W64/00 :61/592770 :31/01/2012 :U.S.A. :PCT/US2013/022243 :18/01/2013	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)JAYANTHI Jyothi
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/116015 :NA :NA :NA :NA	2)ZADE Ashutosh S. 3)ROWLAND Thomas K. 4)PECKHAM William 5)SUH Han C.

(57) Abstract:

Apparatus and methods are disclosed for determining a position of an access terminal within a wireless communication network. In some examples the access terminal retrieves system information from its current serving cell and stores the retrieved system information in memory along with an associated timestamp. Over time as the access terminal moves about the network it can accumulate this system information for a plurality of base stations within its memory. By utilizing the system information for a plurality of base stations rather than only the current serving base station as well as the associated timestamps additional position information can be provided to the access terminal. Other aspects embodiments and features are also claimed and described.



No. of Pages: 33 No. of Claims: 32

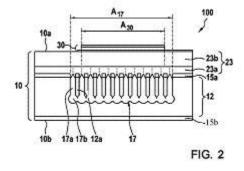
(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: ULTRASOUND TRANSDUCER DEVICE AND METHOD OF MANUFACTURING THE SAME

(57) Abstract:

The present invention relates to an ultrasound transducer device comprising at least one cMUT cell (30) for transmitting and/or receiving ultrasound waves the cMUT cell (30) comprising a cell membrane (30a) and a cavity (30b) underneath the cell membrane. The device further comprises a substrate (10) having a first side (10a) and a second side (10b) the at least one cMUT cell (30) arranged on the first side (10a) of the substrate (10). The substrate (10) comprises a substrate base layer (12) and a plurality of adjacent trenches (17a) extending into the substrate (10) in a direction orthogonal to the substratesides (10a 10b) wherein spacers (12a) are each formed between adjacent trenches (17a). The substrate (10) further comprises a connecting cavity (17b) which connects the trenches (17a) and which extends in a direction parallel to the substrate sides (10a 10b) the trenches (17a) and the connecting cavity (17b) together forming a substrate cavity (17) in the substrate (10). The substrate (10) further comprises a substrate membrane (23) covering the substrate cavity (17). The substrate cavity (17) is located in a region of the substrate (10) underneath the cMUT cell (30). The present invention further relates to a method of manufacturing such ultrasound transducer device.



No. of Pages: 41 No. of Claims: 15

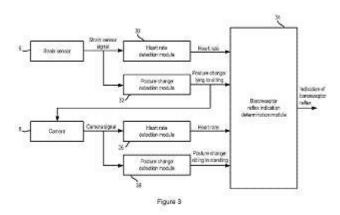
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MONITORING THE BARORECEPTOR REFLEX OF A USER

(51) International classification	:A61B5/11,G08B21/04	(71)Name of Applicant:
(31) Priority Document No	:61/577740	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:20/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057049	(72)Name of Inventor:
Filing Date	:07/12/2012	1)OP DEN BUIJS Jorn
(87) International Publication No	:WO 2013/093690	2)SCHONENBERG Maartje Helena
(61) Patent of Addition to Application	:NA	3)PAUWS Steffen Clarence
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided an apparatus for use in monitoring the baroreceptor reflex in a user the apparatus comprising a processor configured to process a signal output by a first sensor that is attached to or located proximate to a bed to determine when the user moves from a lying position on the bed to a sitting position and to provide an indication of the baroreceptor reflex of the user by processing the signal to determine the change in the heart rate of the user that occurs as a result of moving from the lying position to the sitting position.



No. of Pages: 25 No. of Claims: 15

(21) Application No.4634/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD OF TREATING ALVEOLAR BONE LOSS THROUGH THE USE OF ANTI SCLEROSTIN ANTIBODIES

(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 (51/580964 (28/12/2011 (28/12/2012 (287) International Publication No (31/2012/2012 (287) International Publication No (32/2013/101 (28/12/2012/2012) (287) International Publication No (38/12/2011 (28/12/2012 (28/12/2011 (28/12/2011 (28/12/2012 (28/12/2011 (28/12/2012 (28/12/2011 (28/12/2012 (28/12/2011 (28/12/2012 (28/12/2012 (28/12/2011 (28/12/2012 (28/	(72)Name of Inventor:
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(57) Abstract:

The invention provides a method of treating alveolar bone loss involving administration of a sclerostin inhibitor to a subject in need thereof.

No. of Pages: 73 No. of Claims: 32

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ENERGY HARVESTING DEVICE

(51) International classification	:H01H9/16,H02K7/18	(71)Name of Applicant:
(31) Priority Document No	:61/576396	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:16/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057357	(72)Name of Inventor:
Filing Date	:14/12/2012	1)ERDMANN Bozena
(87) International Publication No	:WO 2013/088419	2)VAN DER HORST Adrianus Johannes Josephus
(61) Patent of Addition to Application	:NA	3)VAN ES Arthur Robert
Number	:NA	4)DE WIT Bas Willibrord
Filing Date	.11/1	5)LELKENS Armand Michel Marie
(62) Divisional to Application Number	:NA	6)TOLHUIZEN Ludovicus Marinus Gerardus Maria
Filing Date	:NA	

(57) Abstract:

Energyharvesting device The present invention relates to a very simple and robust wireless batteryless device (100) for harvesting energy. The actuation upon button pressure/release results in a rotation of a first member (1) around its central axis (11) leading to a move of an element (3) which is loosely fixed at the first member (1) from a pivot point (14) and a rotation around the central axis (11) of the second member (2) to which a generator axis of an energy harvester is coupled the rotation axis of the generator being coincident with the central axis (11). Upon full pressure/release the element (3) is forced to rotate around the pivot point (14) allowing a vertically raised pin (22) of the second member (2) to disengage a recessed area (31 32) at each end of a slot (30) of the element (3) and the second member (2) to rotate to its rest position.

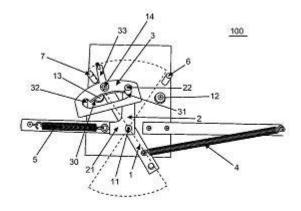


Fig. 1

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

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HISTORY LOG OF USER S ACTIVITIES AND ASSOCIATED EMOTIONAL STATES

(51) International :A61B5/16,G06F19/00,G06Q50/22

classification .Ao1B3/10,000F1

(31) Priority Document No :61/576569 (32) Priority Date :16/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/056990

No Filing Date :05/12/2012

(87) International Publication :WO 2013/088307

(61) Patent of Addition to

Application Number Siling Date :NA:

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)GEURTS Lucas Jacobus Franciscus

2)TIMMER Remco

3)BROUWER Tjadde Rutgher

4) RAAIJMAKERS Theodorus Gerardus Hugo Cornelius

5)LOOPIK Wendelina Elise Corinne

Data about a person s activity and about the person s emotional state during the activity is logged in a history log. The history log may serve as a diary to this person. The history log of one or more persons may serve as a reference profile for generating recommendations.

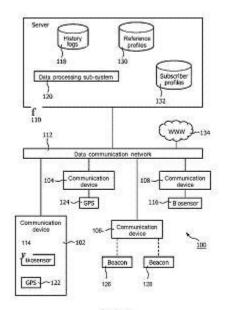


FIG. 1

No. of Pages: 43 No. of Claims: 10

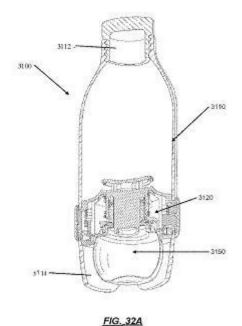
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: POST MIX BEVERAGE SYSTEM

(51) International classification	:B65D81/32	(71)Name of Applicant:
(31) Priority Document No	:13/342550	1)PEPSICO INC.
(32) Priority Date	:03/01/2012	Address of Applicant :700 Anderson Hill Road Purchase New
(33) Name of priority country	:U.S.A.	York 10577 U.S.A.
(86) International Application No	:PCT/US2012/071900	(72)Name of Inventor:
Filing Date	:28/12/2012	1)MARINA Carlos Hernan
(87) International Publication No	:WO 2013/103589	2)MAQUITA NAKANO Jorge Manuel
(61) Patent of Addition to Application	:NA	3)ENGA Agnete
Number	:NA	4)FAIVRE DARCIER Vicent
Filing Date	.11/1	5)CONNELLY Tim
(62) Divisional to Application Number	:NA	6)CEDAR Jonathan
Filing Date	:NA	7)FORT Tucker

(57) Abstract:

A beverage dispensing system (3100) comprises a container (3110) an attachment mechanism (3120) and a cartridge (3150). The container may hold a mixing solution or liquid such as water to be mixed with the contents of the cartridge (3150). The attachment mechanism (3120) is generally located within the container. The attachment mechanism (3120) may comprise an engagement assembly (3122) a piercing portion (3124) and a valve assembly (3126). The engagement assembly (3122) may generally receive the cartridge (3150) within the attachment mechanism (3120). The piercing portion (3124) may generally pierce the cartridge (3150) thereby releasing the contents of the cartridge into the container (3110). The valve assembly (3126) may generally open upon engagement of the cartridge with the attachment mechanism thereby combining the contents of the cartridge (3150) with the liquid within the container (3110) to create a drinkable beverage.



No. of Pages: 91 No. of Claims: 63

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : USE OF STROBILURIN TYPE COMPOUNDS FOR COMBATING PHYTOPATHOGENIC FUNGI RESISTANT TO QO INHIBITORS

(51) International classification	:A01N43/08,A01N43/54,A01N43/56	(71)Name of Applicant : 1)BASF SE
(31) Priority Document No	:11195032.5	Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:21/12/2011	(72)Name of Inventor:
(33) Name of priority	:EPO	1)RHEINHEIMER Joachim
country	.EI O	2)TERTERYAN Violeta
(86) International	:PCT/EP2012/074586	3)REDLICH Stefan
Application No	:06/12/2012	4)KREMZOW Doris
Filing Date	.00/12/2012	5)ROSENBAUM Claudia
(87) International	:WO 2013/092224	6)ROHRER Sebastian Georgios
Publication No	0 2013/072221	7)GRAMMENOS Wassilios
(61) Patent of Addition to	:NA	8)PILGER Christian
Application Number	:NA	9)R-HL Franz
Filing Date		10)GEWEHR Markus
(62) Divisional to	:NA	11)STAMMLER Gerd
Application Number	:NA	12)MONTAG Jurith
Filing Date		13)SAUTER Hubert

(57) Abstract:

The present invention relates to the use of strobilurine type compounds of formula I and the N oxides and the salts thereof for combating phytopathogenic fungi containing a mutation in the mitochondrial cytochrome b gene conferring resistance to Qo inhibitors and to methods for combating such fungi. The invention also relates to novel compounds processes for preparing these compounds to compositions comprising at least one such compound to plant health 10 applications and to seeds coated with at least one such compound.

No. of Pages: 110 No. of Claims: 16

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: LIGHT REDIRECTION DEVICE

(51) International classification :F21V5/00,F21V7/00,F21S11/00 (71)Name of Applicant :

(31) Priority Document No :61/578396 (32) Priority Date :21/12/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/IB2012/057475

Filing Date :19/12/2012 (87) International Publication No: WO 2013/093796

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

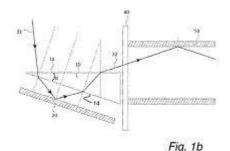
1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)GOMMANS Hendrikus Hubertus Petrus

The present invention relates to a light redirection device (1) for redirecting and concentrating direct sunlight (31) into buildings said device comprising at least one transparent element (10) having a substantially planar top surface (10) in an x y plane and a substantially planar bottom surface (14) wherein said top (11) and bottom (14) surfaces are arranged in an angle a to each other around the x axis and a light reflector (20) for each transparent element (10) having a planar surface wherein said planar surface of said light reflector (20) is arranged substantially parallel and adjacent said bottom surface (14) of said transparent element (10) wherein said reflective surface is spaced apart (12) from said transparent element by a transparent medium having lower refractive index than the transparent element (10) so that incident light (31) to the device is refracted by each material transition interface and reflected by the reflecting element (20). The invention further relates to a method for redirecting and concentrating direct sunlight(31) into buildings using a device (1) according to any of the preceding claims the method comprising the step of: arranging said device (1) substantially perpendicular to the direct sunlight (31) at noon having one of its edges adjacent a building wall or window (40).



No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CONTROLLABLE POLYMER ACTUATOR

(51) International :H01L41/193,H01L41/45,G02B26/08 classification

(31) Priority Document No :61/578426 (32) Priority Date :21/12/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/IB2012/057412 Application No

:18/12/2012 Filing Date

:WO 2013/093766

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(87) International Publication No

:NA

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

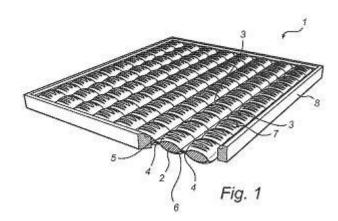
1)WAGEMANS Wiebe 2)BROKKEN Dirk

3)CROMPVOETS Floris Maria Hermansz

(57) Abstract:

Filing Date

A controllable polymer actuator (1) comprising a dielectric elastomeric film (2); a first (3) and a second (4) deformable electrode arranged on opposite sides of the dielectric elastomeric film such that application of a voltage between the electrodes causes an active portion (7) of the controllable polymer actuator to change topography. The controllable polymer actuator (1) further comprises a deformation controlling layer (5 6) connected to the dielectric elastomeric film. The deformation controlling layer at least locally has a higher stiffness than the dielectric elastomeric film and exhibits a spatially varying stiffness across the active portion (7). This may enable surface topographies that could not at all be achieved using previously known controllable polymer actuators and/or may enable a certain surface topography to be achieved with a simpler electrode pattern and/or fewer individually controllable electrodes.



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

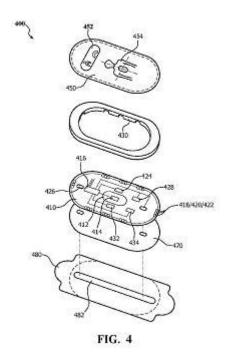
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PEEL AND STICK CPR ASSISTANCE DEVICE

(51) International classification	:A61H31/00	(71)Name of Applicant:
(31) Priority Document No	:61/578351	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:21/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057381	(72)Name of Inventor:
Filing Date	:17/12/2012	1)RICHARD Christian James
(87) International Publication No	:WO 2013/093757	2)PIAZZA Aaron James
(61) Patent of Addition to Application	:NA	3)GRIESSER Hans Patrick
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cardiopulmonary resuscitation (CPR) assistance device (400) is described for use by a rescuer providing manual CPR. The device has a visual indicator (430 418 420 422) arranged about its periphery such that visual assistance to the rescuer can be provided regardless of the rescuer s hand position. The CPR assistance device also includes a staged method of providing visual assistance such that increasingly urgent information is provided if the sensed CPR accuracy fails to improve.



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

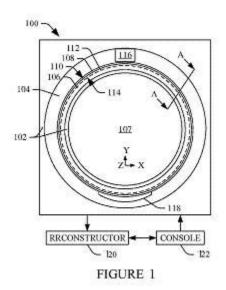
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMAGING SYSTEM GANTRY

(31) Priority Document No	:A61B6/03,F16C27/00,F16C27/04 :61/577820	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:20/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application	:PCT/IB2012/057050	(72)Name of Inventor:
No Filing Date	:07/12/2012	1)SHARPLESS Ronald B.
(87) International Publication No	:WO 2013/093691	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An imaging system (100) includes a stationary gantry (102) a rotating gantry (104) that rotates around an examination region about a z axis an annular support (106) that is statically affixed to the stationary gantry and that rotatably couples the rotating gantry to the stationary gantry and a radial compliant ring (108) disposed between the annular support and the rotating gantry. In a variation the imaging system also includes an axial compliant ring (112) disposed perpendicular to the radial compliant ring statically affixed to the annular support and extending in part in a recess (206) of the rotating gantry.



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

(22) Date of filing of Application :26/06/2014

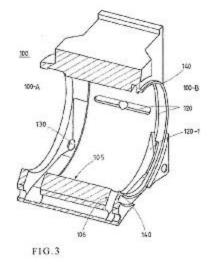
(43) Publication Date: 18/09/2015

(54) Title of the invention: INSTALLATION PART AND METHOD FOR THE PRODUCTION 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 	:B21B31/07 :10 2011 087 605.7 :01/12/2011 :Germany :PCT/EP2012/073786 :28/11/2012 :WO 2013/079503 :NA :NA	(71)Name of Applicant: 1)SMS SIEMAG AG Address of Applicant: Eduard Schloemann Strae 4 40237 D1/4sseldorf Germany (72)Name of Inventor: 1)KELLER Karl 2)KNIE Daniel 3)ROEINGH Konrad 4)SEIDEL Ralf
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an installation part for mounting an upper support roll in a roll stand. The installation part has on its cambered side a lubricant receiving space from which at least one lubricant drain hole (130) extends in the lower region of the installation part in the direction of the drain side of the installation part. In order to be able to reduce the width in the lower region of the installation part and while guaranteeing the stability of the installation part it is proposed according to the invention that the distance d from the centre point of the lubricant drain hole (130) to the vertical longitudinal centre plane LM of the installation part is = half the diameter of the main hole and that in the vertical longitudinal centre plane the vertical minimum distance s from the counter face of a ring seal (400) in the lower region of the installation part to the horizontal tangential plane (500) at the top edge of the lubricant drain hole is not below a specified minimum clearance threshold value.



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

(21) Application No.4864/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FRAME STRUCTURE OF SCOOTER TYPE VEHICLE

(51) International :B62K11/10,B62K19/20,B62K19/28

(31) Priority Document No :2011265023 (32) Priority Date :02/12/2011

(33) Name of priority country:Japan

(86) International PCT/JP2012/080571

Filing Date :27/11/2012

(87) International Publication :WO 2013/080952

(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72)Name of Inventor:
1)TAKENAKA Masahiko

(57) Abstract:

Disclosed is a frame structure that is of a scooter type vehicle (10) and that is provided with: a header pipe (12) that steerably supports a front fork (13); a hollow main pipe (20) extending downwards and to the rear of the vehicle body from the header pipe; a left right pair of lower frames (30L 30R) that are joined to the bottom of the main pipe and that each extend to the rear of the vehicle body from the bottom of the main pipe; a cross pipe (60) that is connected to each of the back ends (31L 31R) of the lower frames and extends in the widthwise direction of the vehicle; and a left right pair of rear frames (70L 70R) that extend upwards and to the rear of the vehicle body and of which the front ends (71L 71R) are respectively joined to the left and right ends (63L 63R) of the cross pipe. The lower frames and the rear frames are joined to the cross pipe and additionally the at least a portion of the lower frames and at least a portion of the rear frames are joined.

No. of Pages: 45 No. of Claims: 6

(21) Application No.4865/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: VEHICLE FRAME STRUCTURE

:B62K19/20,B62K25/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HONDA MOTOR CO. LTD. :2011265127 (32) Priority Date :02/12/2011 Address of Applicant: 1 1 Minami Aoyama 2 chome Minato (33) Name of priority country ku Tokyo 1078556 Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2012/080588 Filing Date :27/11/2012 1)TAKENAKA Masahiko (87) International Publication No :WO 2013/080959 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a vehicle frame structure that includes a left right pair of rear frames (20L 20R) a cushion (35L 35R) being attached to each of the rear frames. The frame structure further includes brackets (80L 80R) provided to each of the rear frames; each of the rear frames has a frame penetrating hole (83 85) that penetrates in the widthwise direction of the vehicle; the brackets each have a bracket penetrating hole (93 96) that penetrates in the widthwise direction of the vehicle; in a manner so that the axes (127 128) of the bracket penetrating holes are caused to respectively match the axes (129 131) of the frame penetrating holes cushion bolts (120L 120R) for fastening the upper ends (134L 134R) of the cushions to the rear frames are threaded through the frame penetrating holes and the bracket penetrating holes and welded to the rear frames; and the cushion bolts are welded to the bracket.

No. of Pages: 26 No. of Claims: 4

(21) Application No.4992/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: GRF3 MUTANTS METHODS AND PLANTS

(51) International classification	:C12N15/82,A01H5/00	(71)Name of Applicant:
(31) Priority Document No	:1200075.8	1)UNIVERSIDAD NACIONAL DE ROSARIO
(32) Priority Date	:04/01/2012	Address of Applicant :Suipacha 531 2000 Rosario Argentina
(33) Name of priority country	:U.K.	2)CONSEJO NACIONAL DE INVESTIGACIONES
(86) International Application No	:PCT/GB2013/050005	CIENTIFICAS Y T‰CNICAS (CONICET)
Filing Date	:04/01/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/102762	1)PALATNIK Javier
(61) Patent of Addition to Application	:NA	2)RODRIGUEZ Ramiro
Number	:NA	3)MECCHIA Martin
Filing Date	.IVA	4)DEBERNANDI Juan Manuel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a novel modified gene rGRF3 or an orthologue thereof which is shown to be decoupled from control by miR396 particularly in the presence of over expression of at least one GIF gene such as GIF1 AtGIF 2 AtGIF 3 Os11g40100 Os12g31350 Os03g52320 or combinations thereof. When present in a plant the rGRF3 results in a phenotype of increased productivity (e.g. increased yield increased biomass increased stress resistance increased seed production increased seed yield increased root growth increased root elongation speed delayed leaf senescence or increased drought tolerance and combinations thereof).

No. of Pages: 275 No. of Claims: 39

(22) Date of filing of Application :27/06/2014

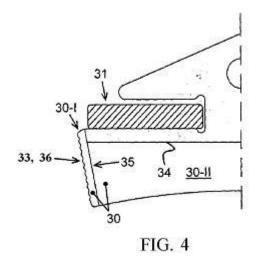
(43) Publication Date: 18/09/2015

(54) Title of the invention : DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION COMPRISING TWO TYPES OF TRANSVERSE MEMBERS HAVING A MUTUALLY DIFFERENT WIDTH

(51) International classification	:F16G5/16	(71)Name of Applicant :
(31) Priority Document No	:1039276	1)ROBERT BOSCH GMBH
(32) Priority Date	:30/12/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Netherlands	Germany
(86) International Application No	:PCT/IB2012/003103	(72)Name of Inventor:
Filing Date	:27/12/2012	1)VAN DER SLUIS Francis Maria Antonius
(87) International Publication No	:WO 2013/098653	2)JONKERS Joost Johannes Cornelis
(61) Patent of Addition to Application	:NA	3)DE KUYPER Dirk Johannes
Number	:NA	4)VAN DER VELDE Arie
Filing Date	.IVA	5)DELADI Elena Loredana
(62) Divisional to Application Number	:NA	6)FARAON Irinel Cosmin
Filing Date	:NA	7)HUPKES Ingmarus Geert

(57) Abstract:

The invention relates to a drive belt (3) including an endless carrier (31) and a plurality of transverse members (30) that are mounted on and arranged along the circumference of the carrier (31) in an essentially contiguous row. This type of drive belt (3) is well known in particular from its application in the friction type belt and pulleys transmission. According to the invention the efficiency of such a transmission is improved when not all transverse members (30) of the drive belt (3) take part in the frictional contact with the transmission pulleys (1 2). This technical effect is realized in accordance with the invention by providing the drive belt (3) with two types of transverse members (30) whereof the second type is less wide than the first type.



No. of Pages: 15 No. of Claims: 14

(22) Date of filing of Application :27/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : BIOMODAL HIGH DENSITY POLYETHYLENE RESINS AND COMPOSITIONS WITH IMPROVED PROPERTIES AND METHODS OF MAKING AND USING THE SAME

(57) Abstract:

333The present disclosure is related to bimodal high density polyethylene polymer compositions with increased high melt strength and good processability comprising a base resin which has a density of about 945 kg/m to about 955 kg/m and comprises an ethylene polymer (A) having a density of at least about 968 kg/m in an amount ranging from. 45% to 55% by weight and an ethylene polymer (B) having a density lower than the density of polymer (A) wherein said composition has a complex viscosity at a shear rate of 0 01 rad/s ranging from about 200 to about 450 kPa.s and a complex viscosity at a shear rate of 100 rad/s ranging from about 1900 to about 2500 Pa.s. The present disclosure also relates to methods of making and using the present compositions and to articles made from there composition and preferably to pipes and fittings.

No. of Pages: 43 No. of Claims: 61

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: METHOD OF CONTROLLING A DOWNHOLE OPERATION

(51) International :E21B44/00,E21B41/00,E21B47/01

(31) Priority Document No :11194035.9 (32) Priority Date :16/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/075511

Filing Date :14/12/2012

(87) International Publication

:WO 2013/087825

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)WELLTEC A/S
Address of Applicant :Gydevang 25 DK 3450 Aller d

Denmark

(72)Name of Inventor:

1)HALLUNDB†K J_.rgen

(57) Abstract:

The present invention relates to a method for controlling a drilling or cutting operation performed by a wireline tool downhole comprising the steps of commencing a drilling or cutting operation in a downhole object such as a casing or valve; detecting vibration produced during the drilling or cutting operation in the downhole object using a vibration sensor adapted to transmit detected vibrations; processing a vibration signal from the vibration sensor to produce a real time frequency spectrum; comparing the frequency spectrum to a reference frequency spectrum; and controlling the operation based upon the comparison of the frequency spectrum and the frequency spectrum specification. Furthermore the present invention relates to a wireline tool for performing a drilling or cutting operation downhole and carrying out the method according to the invention.

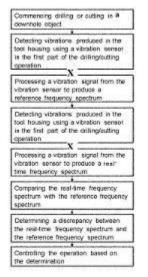


Fig. 1

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: COMPOSITE POLYAMIDE MEMBRANE

(51) International :B01D67/00,B01D69/12,B01D71/56

classification (31) Priority Document No :61/583674

(32) Priority Date :06/01/2012 (33) Name of priority country: U.S.A.

(86) International :PCT/US2013/020072

Application No :03/01/2013 Filing Date

(87) International Publication :WO 2013/103666

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA

Application Number :NA Filing Date

(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)ROSENBERG Steven

2)JONS Steven D.

3)KOOB Joseph D.

4)PAUL Mou

5)QIU XiaoHua Sam 6)ROY Abhishek

7) ZHANG Chunming

8) DESAI Aman A.

(57) Abstract:

A method for making a composite polyamide membrane including the steps of applying a polyfunctional amine monomer and polyfunctional acyl halide monomer to a surface of the porous support and interfacially polymerizing the monomers to form a thin film polyamide layer wherein the method is includes at least one of the following steps: i) conducting the interfacial polymerization in the presence of a subject monomer comprising at least one carboxylic acid group linked to an aromatic moiety and wherein the aromatic moiety is further substituted with at least one of an acyl halide or anhydride functional group and ii) applying the subject monomer to the thin film polyamide layer. The invention includes many additional embodiments.

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

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : CURABLE POLYSILOXANE COMPOSITIONS AND PRESSURE SENSITIVE ADHESIVES MADE THEREFROM

(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	PCT/US2012/070240 18/12/2012 WO 2013/101535 NA NA	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A. (72)Name of Inventor: 1)DETERMAN Michael D. 2)YANG Yu 3)TSE Kiu Yuen
(62) Divisional to Application Number	NA NA	

(57) Abstract:

Curable compositions include at least one polydiorganosiloxane with at least two hydroxysilyl moieties at least one hydroxyl functional polyorganosiloxane resin and at least one photoactivatable composition that upon exposure to radiation generates at least one base selected from amidines guanidines phosphazenes proazaphosphatranes. The curable compositions can be coated on substrates and cured to form coatings including pressure sensitive adhesives.

No. of Pages: 33 No. of Claims: 23

(22) Date of filing of Application :27/06/2014

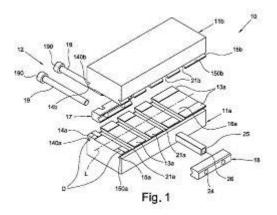
(43) Publication Date: 18/09/2015

(54) Title of the invention : CONNECTION ARRANGEMENT OF AT LEAST TWO BODIES IN PARTICULAR AT LEAST TWO BODIES OF COMPONENTS OF A MECHANICAL AUTOMATION GROUP OF MOVEMENTS WITH A REMOVABLE CONSTRAINING GROUP

 (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 	:MI2011A 002202 :02/12/2011 :Italy	(71)Name of Applicant: 1)METAL WORK S.P.A. Address of Applicant: Via Segni 5 7 9 I 25062 Concesio (BS) Italy (72)Name of Inventor: 1)TAMIOZZO Corrado
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(57) Abstract:

A connection arrangement (10) comprising at least two bodies (11a 11b) in particular at least two bodies of components of a mechanical automation group of movements to be connected to each other and a constraining group (12) of these two bodies (11a 11b) removably to each other wherein each of the two bodies comprises a mutual rest surface (13a 13b) for resting on each other and a coupling profile (14a 15a 14b 15b) with the constraining group (12) defined in correspondence of at least two opposite perimetric portions of the respective mutual rest surface (13a 13b) and wherein the constraining group (12) comprises at least one pair of tightening clamps (17 18) which are engageable with the coupling profiles (14a 15a 14b 15b) and which are removably connectable together by at least one connecting member (19) where the connecting member (19) is housed with clearance in a corresponding seat (20) defined by at least one groove (21a 21b) obtained in at least one of the two bodies (11a 11b) and which passes between the respective two opposite perimetric portions.



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

(22) Date of filing of Application: 27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: CATALYST FOR TREATING EXHAUST GAS

(31) International classification	.D01327/70,
(31) Priority Document No	:61/565774
(32) Priority Date	:01/12/2011
(33) Name of priority country	:U.S.A.

(86) International Application :PCT/GB2012/052957

:30/11/2012 Filing Date

(87) International Publication :WO 2013/079954

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

:NA :NA Filing Date

(62) Divisional to Application Number

(51) International classification :B01J29/76,B01J29/72,B01J29/74 (71)Name of Applicant :

1) JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant :5th Floor 25 Farringdon Street London EC4A 4AB U.K.

(72) Name of Inventor:

1) CHANDLER Guy Richard

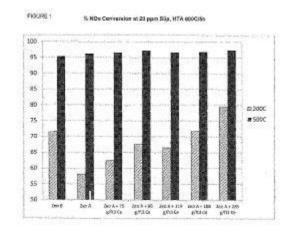
2) GREEN Alexander Nicholas Michael

3)PHILLIPS Paul Richard

4)REID Stuart David

(57) Abstract:

Provided is a metal promoted low SAR zeolite based SCR catalyst having at least about 1.35 weight percent of cerium based on the total weight of the zeolite wherein said cerium is present in a form selected from exchanged cerium ions monomeric ceria oligomeric ceria and combinations thereof provided that said oligomeric ceria has a particle size of less than 5 µm the catalyst having superior durability after hydrothermal aging.



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: APPARATUS FOR BREWING INGREDIENTS IN A SOLVENT

(51) International :A47J31/06,A47J31/18,A47J31/053

classification Port/CN2011/09/4704

(31) Priority Document No :PCT/CN2011/084704 (32) Priority Date :26/12/2011

(33) Name of priority country: China

(86) International Application :PCT/IB2012/057120

No :10/12/2012

Filing Date :10/12/2012

(87) International Publication :WO 2013/098681

(61) Patent of Addition to

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

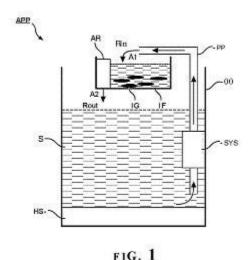
Eindhoven Netherlands (72)Name of Inventor:

1)HA Wan Kei Ricky

2)WANG Guangwei

(57) Abstract:

The invention relates to an apparatus (APP) for preparing a beverage from a solvent (S) and ingredients (IG). The apparatus comprises: a container (CO) for containing the solvent an infuser (IF) for containing the ingredients and said infuser being placed in the container (CO) a system (SYS) for carrying the solvent from the container (CO) into said infuser (IF) at a given flow rate (Rin) an arrangement (AR) for carrying the solvent from said infuser (IF) into the container (CO) and for regulating the output flow rate (Rout) of said solvent to an average value corresponding to the given input inflow rate (Rin). This apparatus allows the amount of solvent inside the infuser to remain constant in order to guarantee optimal brewing of the ingredients.



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

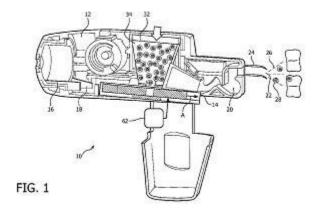
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR DELIVERY OF A TOOTH WHITENING AGENT

:A61C19/06,A61C3/025 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/579862 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :23/12/2011 (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No :PCT/IB2012/057503 (72) Name of Inventor: Filing Date :20/12/2012 1)FISH David Andrew (87) International Publication No :WO 2013/093816 2)YOUNG Nigel David (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A delivery device (12 140) includes a source (16) of pressurized fluid and a nozzle (24) which defines an outlet (22). A fluid pathway (20) fluidly connects the source of pressurized fluid with the nozzle outlet (22) for delivery of a spray of fluid from the nozzle outlet. A delivery mechanism (14) releases a dose (48) of particles (28) into the fluid pathway from an associated cartridge (32) such that the dose of the particles is carried by the pressurized fluid through the nozzle outlet in the spray. The particles include a dental care agent.



No. of Pages: 31 No. of Claims: 20

(21) Application No.4878/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: ROLLER BEARING

(51) International :F16C19/36,F16C33/34,F16C33/58

:NA

classification (31) Priority Document No :2011264529

(32) Priority Date :02/12/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/079933

:19/11/2012 Filing Date

(87) International Publication :WO 2013/080824

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72) Name of Inventor:

1)TODA Kohei

(57) Abstract:

The present invention addresses the problem of improving the ability to form an oil film at the connecting part of a roller end surface and a flange in a roller bearing with which the thrust load can be received by flanges. A circular guided part (8) of a roller (3) that is capable of making contact with a flange (6) is formed with the circumference around the roller central axis reduced so as to gradually slant toward the center of the length of the roller in the thrust direction from the roller central axis side end (E1) to the track (4) side end (E2) in the direction perpendicular to the roller central axis. A circular guiding surface (9) of the flange (6) that is capable of making contact with the circular guided part (8) is formed with a change in the circumference around the bearing central axis so as to gradually slant toward the bearing exterior in the thrust direction from the track (4) side end (E3) to roller central axis side end (E4) in the radial direction. The acute flange angle (i) formed by a straight line in the radial direction and the line connecting the ends (E3 E4) of the circular guiding surface (9) and the acute roller end face angle (r) formed by the aforementioned straight line and the line connecting the ends (E1 E2) of the circular guided part (8) are set respectively so as to be 0.1° 0.5° of the total circumference.

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: A FILLING MACHINE

(51) International :B65B9/213,B65B65/00,B65B41/16

classification

(31) Priority Document No :11195078.8 (32) Priority Date :22/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/IB2012/057127

:10/12/2012

Filing Date

(87) International Publication :WO 2013/093701

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)BOATO PACK S.R.L. A SOCIO UNICO

Address of Applicant: Via Rosa Agazzi 13 I 34079 Staranzano

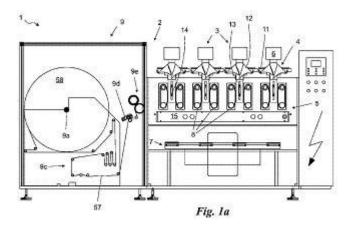
(Gorizia) Italy

(72) Name of Inventor: 1)DI FEDE Adriano 2)PRODAN Roberto

3)BERTOGNA Valentino

(57) Abstract:

It is provided a multitrack filling machine (1) adapted to obtain closed bags (50) from a plurality of packing ribbons (51) comprising conveying means (2) for the packing ribbon (51) and a plurality of sacking stations (3) each including: forming means (4) sealing means (5) filling means (6) cutting means (7) in which each sacking station (3) comprises driving means (8) for said packing ribbon (51) separated from the sealing means (5) and including a dragging surface (16) of high friction adapted to interact by contact with the ribbon (51) and to drag it along in the advancing direction.



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

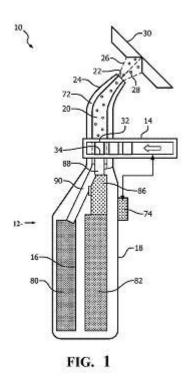
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DEVICE FOR DELIVERY OF A TOOTH WHITENING AGENT

:A61C3/025,A61C19/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/579709 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :23/12/2011 (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/IB2012/057478 Filing Date :19/12/2012 1)FAIRLEY Peter Douglas (87) International Publication No :WO 2013/093798 2)FISH David Andrew (61) Patent of Addition to Application 3)GOTTENBOS Bart :NA 4)YOUNG Nigel David :NA Filing Date 5)MOHAN Veena (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A delivery device (12) includes a source (16) of pressurized fluid a nozzle (24 16) which defines an outlet (22) a pathway (20) which fluidly connects the source of pressurized fluid with the nozzle outlet (22) for delivery of a spray of fluid from the nozzle outlet and a receptacle (32) which receives a dose of particles (28). The receptacle is positioned in the pathway such that the dose of the particles is carried by the pressurized fluid and through the nozzle outlet the particles including a tooth whitening agent.



No. of Pages: 32 No. of Claims: 20

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROTOCOLS FOR VISIBLE LIGHT COMMUNICATIONS

(51) International classification :H04L29/06,H04W28/06,H04B10/116

(31) Priority Document No :61/579751 (32) Priority Date :23/12/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/IB2012/057233

Filing Date :12/12/2012

(87) International Publication No :WO 2013/093721

(61) Patent of Addition to Application Number :NA Filing Date (62) Divisional to :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

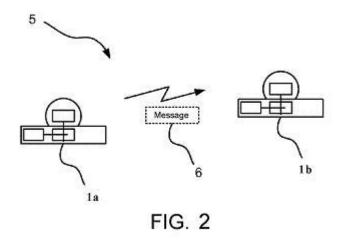
1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656AE

Eindhoven Netherlands
(72)Name of Inventor:
1)RIETMAN Ronald
2)DAVIES Robert James

(57) Abstract:

The invention relates to the field of IEEE 802.15.4 based networks and in particular to methods and devices for transmitting and receiving messages in IEEE 802.15.4 based networks. The existing IEEE 802.15.4 standard is further improved and adapted to better fit the properties of a network of lighting devices. The improvements and adaptations of the existing IEEE 802.15.4 standard allow for more flexible addressing. Bits which are indicative of use of address fields and/or whether one or two frame control fields is/are present in the ordered data portions of the message to be transmitted are defined by the device transmitting the message in the IEEE 802.15.4 based network. Existing features of the existing IEEE 802.15.4 standard protocol are retained.



No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :02/07/2014

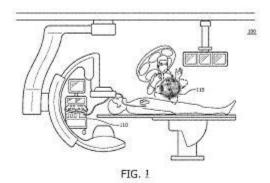
(43) Publication Date: 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INTERACTIVE DISPLAY OF THREE DIMENSIONAL ULTRASOUND IMAGES

 (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 	:A61B8/13 :61/579900 :23/12/2011 :U.S.A. :PCT/IB2012/057533 :20/12/2012 :WO 2013/093837	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)DAOURA Marco J.
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A medical imaging system comprises a three dimensional (3D) ultrasound system and a 3D holographic display system. The ultrasound system generates 3D ultrasound data that can be used to construct a 3D image of a patient. The display system displays the image in a 3D holographic form and comprises a touchless input interface that allows a user to control the display from within a sterile field while performing a medical procedure.



No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MR IMAGING WITH SUPPRESSION OF FLOW ARTEFACTS

(51) International classification	:G01R33/565	(71)Name of Applicant:
(31) Priority Document No	:61/579725	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:23/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056748	(72)Name of Inventor:
Filing Date	:26/11/2012	1)EGGERS Holger
(87) International Publication No	:WO 2013/093674	2)B-RNERT Peter
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of MR imaging of a body (10) placed in the examination volume of a MR device (1). It is an object of the invention to provide a method that enables efficient compensation of flow artefacts especially for contrast enhanced MR angiography in combination with Dixon water/fat separation. The method of the invention comprises the steps of: a) generating at least two gradient echo signals at two different echo times by subjecting the portion of the body (10) to an imaging sequence of RF pulses and switched magnetic field gradients wherein the 0th moment of the readout magnetic field gradient essentially vanishes at the time of the first gradient echo the 1st moment of the readout gradient being non zero at the time of the first gradient echo while both the 0th and 1st moments of the readout magnetic field gradient essentially vanish at the time of the second gradient echo; b) acquiring the gradient echo signals; c) repeating steps a) and b) for a plurality of phase encoding steps. Moreover the invention relates to a MR device for carrying out the method of the invention and to a computer program to be run on a MR device; d) reconstructing a first MR image from the gradient echo signals of the first gradient echo and a second MR image from the gradient echo signals of the second gradient echo; and e) identifying ghosting artefacts in the first and/or second MR image by comparing the first and second MR images.

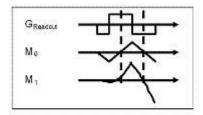


Fig. 2

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

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : AN ORAL TEETH CLEANING APPLIANCE WITH TIME SEQUENCED CUSTOMIZABLE LIQUID BURSTS.

(51) International classification :A61C17/02,A61C17/028,A61C17/22

(31) Priority Document No :61/579680

(32) Priority Date :23/12/2011
(33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/IB2012/057209

Filing Date :12/12/2012

(87) International Publication No :WO 2013/093717

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

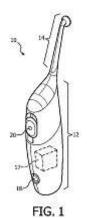
1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656AE

Eindhoven Netherlands (72)Name of Inventor: 1)KLOSTER Tyler G.

(57) Abstract:

An article and method for an oral care appliance which generates successive bursts of liquid adapted to provide cleansing of the teeth. The appliance includes a housing and a system for providing successive bursts of liquid comprising a source of liquid a nozzle with a spray exit opening and a system for generating and delivering successive bursts of liquid through the spray exit opening. The appliance includes a controller which includes a learning mode initiated by the user. The appliance is operated by the user in a desired sequence when the controller is in the learning mode. The learned desired sequence is stored in memory of the controller so that future operation of the appliance proceeds with the sequence of operation established by the user.



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN OUTDOOR LUMINAIRE

(51) International classification	:F21S8/08	(71)Name of Applicant:
(31) Priority Document No	:PCT/CN2011/084584	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:23/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:China	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057118	(72)Name of Inventor:
Filing Date	:10/12/2012	1)DENG Shitao
(87) International Publication No	:WO 2013/093698	2)ZHU Xiaoyan
(61) Patent of Addition to Application	:NA	3)HEYNDERICKX Ingrid Emilienne Joanna Rita
Number	:NA	4)VAN DEN BROEK COOLS Ans
Filing Date	NIA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses an outdoor luminaire. The outdoor luminaire comprises a light module comprising at least one LED unit; wherein said light module is configured such that the light emitted by the light module has a first luminous intensity value no less than 10 cd/klm at a first angle () which is a vertical angle of 90 degrees above a direction pointing directly downward from the luminaire. In this way the luminous intensity of the outdoor luminaire at a vertical angle of 90 degrees is guaranteed to be no less than 10 cd/klm. Since the end user sees the light emitted at a vertical angle of 90 degrees no matter how far away he is from the outdoor luminaire the end user always perceives a certain level of brightness. Such certain level of brightness is helpful in increasing the adaptation level of the end user and can effectively reduce the end user's perception of glare.

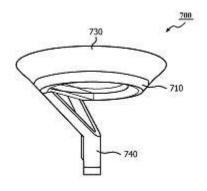


FIG. 7

No. of Pages: 19 No. of Claims: 12

(21) Application No.4920/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : AUTOMATED SYSTEM FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS OR DIFFERENTIATED 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 	:61/565818 :01/12/2011 :U.S.A.	(71)Name of Applicant: 1)THE NEW YORK STEM CELL FOUNDATION Address of Applicant:1995 Broadway Suite 600 New York NY 10023 U.S.A. (72)Name of Inventor: 1)NOGGLE Scott 2)EGGAN Kevin 3)CHANG Stephen 4)SOLOMON Susan L.
Number		

(57) Abstract:

The invention provides an automated system for producing induced pluripotent stem cells (iPSCs) from adult somatic cells. Further the system is used for producing differentiated adult cells from stem cells. The invention system is useful for isolating somatic cells from tissue samples producing iPSC lines from adult differentiated cells by reprogramming such cells identifying the pluripotent reprogrammed adult cells among other cells and expanding and screening the identified reprogrammed cells.

No. of Pages: 73 No. of Claims: 53

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: DIESEL OXIDATION CATALYSTS SYSTEMS AND METHODS OF TREATMENT

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No:PCT/US2012/067208
Filing Date
:F01N3/10,B01J23/40,F01N
:13/309265
:01/12/2011
:U.S.A.
:30/11/2012

Filing Date :30/11/2012 (87) International Publication No :WO 2013/082367

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

NA

Number :NA Filing Date :NA

:F01N3/10,B01J23/40,F01N3/28 (71)**Name of Applicant :** :13/309265 **1)BASF CORPORATION**

Address of Applicant :100 Park Avenue Florham Park NJ

07932 U.S.A.

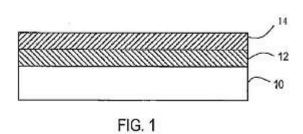
(72)Name of Inventor:1)SUNG Shiang2)ROTH Stanley A.

3)MUELLER STACH Torsten W.

4)SIANI Attilio

(57) Abstract:

Diesel oxidation catalysts comprising a first washcoat layer including a platinum group metal impregnated on a promoted non zeolitic support are described. The promoter is one or more of tin manganese indium group VIII metals. Methods of making and using the diesel oxidation catalyst including emissions treatment systems are also described.



No. of Pages: 41 No. of Claims: 15

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HEPATITIS C VIRUS INHIBITORS

country (86) International Application No Filing Date (87) International SU.S.A. PCT/US2013/020954 :10/01/2013 :WO 2013/106520	558 2012 S2013/020954 2013	(71)Name of Applicant: 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant:Route 206 And Province Line Road Princeton NJ 08543 4000 U.S.A. (72)Name of Inventor: 1)HEWAWASAM Piyasena 2)KADOW John F. 3)LOPEZ Omar D. 4)MEANWELL Nicholas A. 5)TU Yong 6)WANG Alan Xiangdong 7)XU Ningning 8)BELEMA Makonen 9)FRIDELL Robert A. 10)GAO Min 11)LEMM Julie A.
(33) Name of priority		· ·
country		· ·
Application No :PC1/U		
* 1 1 1 / 1 / 1	2013	
(87) International	13/106520	
Publication No	13/100320	· ·
· N Δ		
· N A		12)OBOYLE II Donald R.
(62) Divisional to		13)SUN Jin Hua
Application Number :NA		14)WANG Chunfu
Filing Date :NA		15)WANG Ying Kai
-		16)GUPTA Samayamunthula Venkata Satya Arun Kumar 17)SRINIVASU Pothukanuri
		18)KUMAR Indasi Gopi
		19)KUMAR Ponugupati Suresh

(57) Abstract:

The present disclosure is generally directed to antiviral compounds and more specifically directed to combinations of compounds which can inhibit the function of the NS5A protein encoded by Hepatitis C virus (HCV) compositions comprising such combinations and methods for inhibiting the function of the NS5A protein.

No. of Pages: 635 No. of Claims: 28

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AN APPARATUS FOR AND METHOD OF MIXING A POWER IN A LIQUID

(51) International classification	:A47J31/40	(71)Name of Applicant:
(31) Priority Document No	:61/578945	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:22/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056746	(72)Name of Inventor:
Filing Date	:26/11/2012	1)SUIJVER Jan Frederik
(87) International Publication No	:WO 2013/093673	2)SINNEMA Anke Gerda
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The present application relates to an apparatus for mixing a powder in a liquid. The apparatus has a cavity (7) for holding a powder (27) a passageway (6) communicating with the cavity (7) and a flow actuator (3) for inducing an oscillating gas flow in the passageway (6). Therefore as a gas flow oscillates in the passageway (6) a dry powder (27) is drawn into the passageway from the cavity when the gas flows in one direction and the powder is expelled from the passageway towards a liquid by synthetic jetting when the gas flows in the opposite direction. The present application also relates to a method of mixing a power in a liquid.

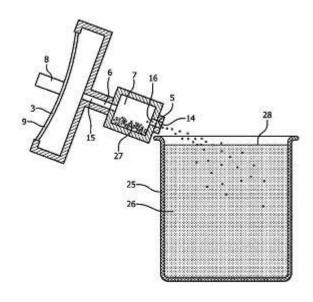


FIG. 4

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : A METHOD FOR PROVIDING AN INDICATION AS TO THE AMOUNT OF MILK REMAINING IN A BREAST DURING LACTATION

 (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 	:14/12/2012 :WO 2013/093739 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)CHEN Xin 2)WANG Xiaoxin 3)YU Renjun 4)ZHANG Huanhuan
(61) Patent of Addition to Application	:NA :NA :NA :NA	3)YU Renjun

(57) Abstract:

A method of providing an indication as to the amount of milk remaining in a breast during lactation based on a determined fat content of milk that has been expressed from said breast is disclosed. The method of determining said fat content comprises measuring an optical characteristic of milk following expression and by comparing said measured optical characteristic with data representing a corresponding optical characteristic of a sample of milk having a known fat content to determine the fat content of said expressed milk which is indicative of the amount of milk remaining in the breast.

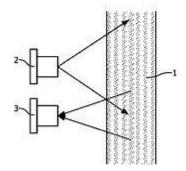


FIG. 1

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :01/07/2014

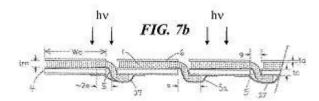
(43) Publication Date: 18/09/2015

(54) Title of the invention : AUTOMATED FLEXIBLE SOLAR CELL FABRICATION AND INTERCONNECTION UTILIZING ROLLS EXPANDED METALLIC MESH

(51) International classification	:H01L31/05,H01L31/18	(71)Name of Applicant:
(31) Priority Document No	:61/568134	1)NUVOSUN INC.
(32) Priority Date	:07/12/2011	Address of Applicant :1565 Barber Lane Milpitas CA 95035
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/068302	(72)Name of Inventor:
Filing Date	:06/12/2012	1)HACHTMANN Bruce D.
(87) International Publication No	:WO 2013/086233	2)TSAI Christine
(61) Patent of Addition to Application	-NT A	3)VALERI Thomas M.
Number	:NA	4)DELAROSA Herb
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for forming photovoltaic cells comprises providing a first roll of a photovoltaic material and a second roll of an expanded metallic mesh. The photovoltaic material comprises a photoactive material adjacent to a flexible substrate and the expanded metallic mesh comprises a plurality of openings. Next an electrically insulating material is provided adjacent to an edge portion of the photovoltaic material. The photovoltaic material from the first roll can then be brought in proximity to the expanded metallic mesh from the second roll to form a nascent photovoltaic cell. The electrically insulating material can be disposed between the expanded metallic mesh and the photovoltaic material. Next the nascent photovoltaic cell is cut into individual sections to form a plurality of photovoltaic cells.



No. of Pages: 30 No. of Claims: 37

(21) Application No.4847/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHODS AND APPARATUS FOR IMPROVING RESOLUTION AMONG DEVICES WITH DIFFERENT SIZE NFC IDENTIFIERS

(51) International :H04M1/725,G06K7/10,H04W4/00

classification

(31) Priority Document No :61/594268 (32) Priority Date :02/02/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/023905

No :30/01/2013

Filing Date

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA :NA

(87) International Publication :WO 2013/116372

Number Filing Date (71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72) Name of Inventor:

1)HILLAN John

2)CHINGALANDE Dubai

(57) Abstract:

Aspects disclosed herein relate to improving NFC A device collision resolution in an environment with different NFCID sizes. In one example a communications device (502) is equipped to determine (514) a colliding bit in a first NFCID that has a byte length corresponding to a first cascade level value set (516) a cascade level collision value based on the first cascade level value generate a second NFCID by selecting a value for the colliding bit determine that a byte length associated with the second NFCID results in an incomplete NFCID for a first remote NFC device (504) obtain (522) a further part of the second NFCID using a second cascade level value that corresponds to a longer byte length NFCID than the first cascade level value determine (524) that at least one other remote NFC device is not yet identified based on the set cascade level collision value and obtain (528 530 532) a third NFCID that corresponds to a second remote NFC device (506).

No. of Pages: 42 No. of Claims: 40

(22) Date of filing of Application :26/06/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : DEVICES AND METHODS FOR FACILITATING EXTENDED TIME PERIODS FOR MAINTAINING PPP SESSIONS

:H04W76/04,H04W76/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/594914 1)OUALCOMM INCORPORATED (32) Priority Date :03/02/2012 Address of Applicant :Attn: International IP Administration (33) Name of priority country :U.S.A. 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (86) International Application No :PCT/US2013/024459 (72)Name of Inventor: Filing Date :01/02/2013 1)PATWARDHAN Ravindra Manohar (87) International Publication No :WO 2013/116737 2)ATTAR Rashid Ahmed Akbar (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Access terminals are adapted to facilitate extended time periods for maintaining PPP sessions. According to one example an access terminal can communicate with a network entity to establish a PPP session maintained by an extended time period. The extended time frame can be different (e.g. greater or less) than a default time period for maintaining the PPP session. For instance the access terminal may establish a PPP session including a PPP connection. The access terminal may also send a persistence indicator to the network entity to cause setting the extended time period for maintaining the PPP session. The network entity may receive the persistence indicator and accordingly employ a differing time period (e.g. an extended time period) for maintaining the PPP session. Other aspects embodiments and features are also included.

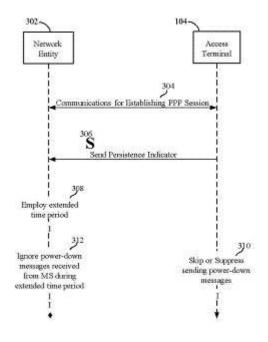


FIG. 3

No. of Pages: 35 No. of Claims: 48

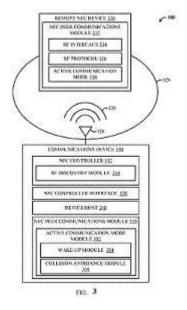
(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVING PEER COMMUNICATIONS USING AN ACTIVE COMMUNICATION

 (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 	:06/02/2013 :WO 2013/119622 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)HILLAN John 2)HAVERINEN Anssi Kaleva
Filing Date	:NA :NA	

(57) Abstract:

Aspects disclosed herein relate to providing peer communications between NFC enabled devices using an active communication mode. In one example a communications device is equipped to detect a remote NFC device field within an operating volume establish a peer communication link with the remote NFC device using an active communication mode determine that the peer communication link is to be deselected and transmit a deselection request message to the remote NFC device indicating to the remote NFC device that it has been deselected while maintaining the peer communication link. In another example a communications device is equipped to sense an operating volume as part of an active communication mode collision avoidance procedure determine that no field is sensed initiate an unmodulated carrier as part of switching an operating field to an on state and maintain the unmodulated carrier for a collision avoidance threshold duration of time.



No. of Pages: 52 No. of Claims: 76

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention: ANALYZING DATA SETS WITH THE HELP OF INEXPERT HUMANS TO FIND PATTERNS

 (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 	:G06F17/30 :13/310783 :04/12/2011 :U.S.A. :PCT/US2012/065921 :19/11/2012 :WO 2013/085709 :NA :NA :NA	(71)Name of Applicant: 1)BEYONDCORE INC. Address of Applicant: 983 Shoal Dr. San Mateo CA 94404 U.S.A. (72)Name of Inventor: 1)SENGUPTA Arijit 2)STRONGER Brad A. 3)CHRONIS Griffin
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(57) Abstract:

A combined computer/human approach is used to detect actionable insights in large data sets. Automated computer analysis used to identify patterns (e.g. possibly meaningful patterns or subsets within the data). These are presented to humans for feedback where the humans may have little to no training in the statistical methods used to detect actionable insights. Feedback from the humans is used to improve the pattern detection and facilitate the detection of actionable insights.

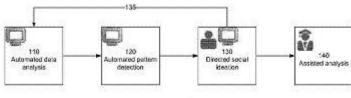


FIG. 1

No. of Pages: 35 No. of Claims: 73

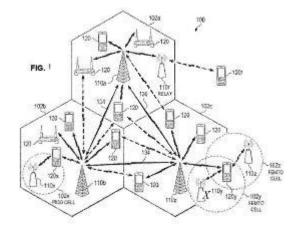
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MAXIMUM POWER REDUCTION FOR INTERFERENCE CONTROL IN ADJACENT CHANNELS

:H04W52/14,H04W52/36 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/587575 (32) Priority Date :17/01/2012 Address of Applicant : Attn: International Ip Administration (33) Name of priority country 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/021979 1)JI Tingfang Filing Date :17/01/2013 (87) International Publication No :WO 2013/109781 2)GAAL Peter (61) Patent of Addition to Application 3)PANTON William R. :NA 4)FONG Gene :NA Filing Date 5)COAN Philip D. (62) Divisional to Application Number :NA 6) VERMA Sumit Filing Date 7)TIEDEMANN Edward George :NA

(57) Abstract:

Techniques for determining power relaxation values are disclosed. The power relaxation values may be determined according to an ending; resource block (RB) and a number of RBs in a contiguous allocation. In one aspect the power relaxation values are arranged into regions based at least in part on transmission channel bandwidths and the distance from a protected adjacent channel. A user equipment (UE) can determine a power relaxation value for its current allocation using the ending RB index and contiguous RB length and can adjust its transmission power accordingly. Evolved NodeBs may estimate the power relaxation that a particular UE has selected in order to more accurately determine the transmit power available to the UE. Using the more accurate estimate of transmit power the eNB may schedule the UE for uplink transmissions accordingly.



No. of Pages: 47 No. of Claims: 76

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: FALLING PISTON VISCOMETER AND METHODS FOR 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 	:G01N11/12 :13/336631 :23/12/2011 :U.S.A. :PCT/US2012/069717 :14/12/2012 :WO 2013/096114 :NA :NA	(71)Name of Applicant: 1)NORCROSS CORPORATION Address of Applicant: 255 Newtonville Avenue Newton MA 02158 1898 U.S.A. (72)Name of Inventor: 1)NORCROSS Robert A.
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A falling piston viscometer includes a measuring bushing and a piston configured to be slidably receivable inside the measuring bushing. The circumferential edge of a first section of the piston is modified for decreased friction. A lifting mechanism raises the piston to an upper piston position within the measuring bushing upon instruction from a controller. Upon the piston being lifted fluid is drawn into the measuring bushing. The controller is configured to maintain the piston in a raised position for a pre programmed time after which the controller allows the piston to fall. A switch mounted proximate to the piston and piston rod senses when the piston reaches a lower piston position and correlates the time taken for the piston to travel from the upper piston position to the lower piston position as a function of the viscosity of fluid in the measuring bushing.

No. of Pages: 22 No. of Claims: 18

(21) Application No.4960/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 18/09/2015

(54) Title of the invention : NOVEL ORGANIC COMPOUND ORGANIC LIGHT EMITTING DEVICE AND IMAGE DISPLAY DEVICE

(51) International classification :C07C13/62,C07C25/22,C07C211/61 (31) Priority Document No :2011267142 (32) Priority Date :06/12/2011 (33) Name of priority country :Japan :PCT/JP2012/081220 (26/11/2012

Filing Date :26/11/2012 (87) International

Publication No
(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date

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(71)Name of Applicant:

1)CANON KABUSHIKI KAISHA

Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku

Tokyo 1468501 Japan (72)Name of Inventor: 1)KAMATANI Jun 2)ABE Shigemoto

3)HASHIMOTO Masaya

4)YAMADA Naoki

5)SAITOH Akihito

(57) Abstract:

No. of Pages: 77 No. of Claims: 15

To provide a novel organic compound suitable for an organic light emitting device. This invention provides an organic compound having the skeleton represented by Formula (1).

(21) Application No.4961/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : ANTIBODY DRUG CONJUGATES AND RELATED COMPOUNDS COMPOSITIONS AND METHODS

 (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 	:A01N57/00 :61/566909 :05/12/2011 :U.S.A. :PCT/US2012/067803 :04/12/2012 :WO 2013/085925 :NA :NA :NA	(71)Name of Applicant: 1)IGENICA BIOTHERAPEUTICS INC. Address of Applicant:863 Mitten Rd. Suite 102 Burlingame CA 94010 U.S.A. (72)Name of Inventor: 1)JACKSON David Y. 2)HA Edward
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(57) Abstract:

Antibody cytotoxin antibody drug conjugates and related compounds such as linker cytotoxin conjugates and the linkers used to make them tubulysin analogs and intermediates synthesis; compositions; and methods including methods of treating cancers.

No. of Pages: 35 No. of Claims: 47

(21) Application No.831/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :12/02/2009 (43) Publication Date : 18/09/2015

(54) Title of the invention: FACTOR VII OR VIIA GLA DOMAIN VARIANTS •

 (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 	:18/06/2004 : NA :NA :NA	(71)Name of Applicant: 1)MAXYGEN HOLDINGS LTD. Address of Applicant :c/o Close Brothers (Cayman) Limited 103 South Church Street P.O. Box 1034 GT Grand Cayman British West Indies. British West Indies (72)Name of Inventor: 1)HAANING Jesper Mortensen 2)ANDERSEN Kim Vilbour 3)BORNAES Claus
(62) Divisional to Application Number Filed on	:212/CHENP/2006 :14/11/2006	

(57) Abstract:

Gla domain variants of human Factor VII or human Factor VIIa, comprising 1-15 amino acid modifications relative to human Factor VII or human Factor VIIa, wherein a hydrophobic amino acid residue has been introduced by substitution in position 34, or having an amino acid substitution in position 36, or having amino acid substitutions in positions 10 and 32 and at least one further amino acid substitution in a position selected from 74, 77 and 116.

No. of Pages: 59 No. of Claims: 31

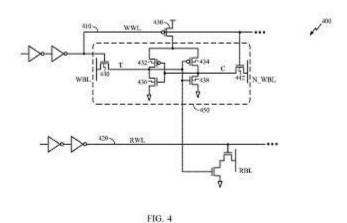
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: IMPROVED LOW VOLTAGE WRITE SPEED BITCELL

(51) International classification :G11C11/412,G11C11/419 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :61/589570 (32) Priority Date :23/01/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/022777 Filing Date 1)PUCKETT Joshua L. :23/01/2013 (87) International Publication No :WO 2013/126172 2)GARG Manish (61) Patent of Addition to Application 3)SHANKAR Harish :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date

(57) Abstract:

In low power CPUs the best way to reduce power is to reduce supply voltage. Most low voltage memory arrays use an 8T cell (450) which has read stability immunity in order to operate at low voltages. An embodiment of the disclosure determines when a write wordline (WWL 410) rises. If the determination (header pFET 430) shows that the WWL has risen at least one of the plurality of p channel field effect transistors (pFETS 432 434) is disconnected from a voltage supply and the at least one plurality of n channel field effect transistors (nFET) pass gate transistors (440 442) are opened.



No. of Pages: 42 No. of Claims: 32

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: SYSTEMS AND METHODS OF RELAY SELECTION AND SETUP

(51) International :H04W40/12,H04W40/22,H04W84/12 classification

(31) Priority Document No :61/589913 (32) Priority Date :24/01/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2013/022205 Application No

:18/01/2013 Filing Date

(87) International :WO 2013/112377 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71) Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego

California 92121 1714 U.S.A. (72) Name of Inventor:

1)MERLIN Simone

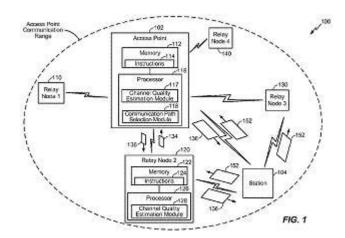
2)QUAN Zhi

3)ABRAHAM Santosh Paul

4)SAMPATH Hemanth

(57) Abstract:

A particular method includes receiving at an access point one or more request messages from one or more relay nodes each of the one or more request messages is a probe request message or an association request message related to a station. The method includes selecting a communication path between the access point and the station based on the one or more request messages and sending a response message indicating the selected communication path.



No. of Pages: 39 No. of Claims: 40

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ULTRA COMPACT HEADSET

:NA

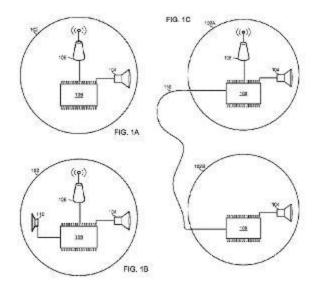
(51) International classification	:H04R1/10,H04R3/02,H04R5/033	(71)Name of Applicant:
(31) Priority Document No	:13/342090	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/01/2012	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/072343 :31/12/2012	(72)Name of Inventor : 1)WISE David E. 2)JAIN Nikhil
(87) International Publication No	:WO 2013/102228	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application	:NA	

(57) Abstract:

Filing Date

Number

An ultra compact headset device including both speaker and microphone capability in at least one earphone overcomes the minimum size requirements of previous headsets by controlling the speaker and microphone functionality so that each earphone functions either as a speaker or microphone but never both at the same time. Various embodiment headsets may include a pair of earphones each with one or more transducers capable of converting electrical signals into sound and vice versa. The ultra compact headset may be wirelessly coupled to a mobile device such as a cellular telephone or smart phone.



No. of Pages: 29 No. of Claims: 18

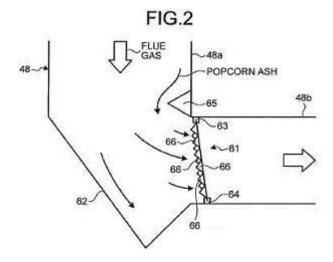
(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: AIR POLLUTION CONTROL UNIT

(51) International classification	:F23J3/04	(71)Name of Applicant:
(31) Priority Document No	:2012017335	1)MITSUBISHI HITACHI POWER SYSTEMS LTD.
(32) Priority Date	:30/01/2012	Address of Applicant :3 1 Minatomirai 3 chome Nishi ku
(33) Name of priority country	:Japan	Yokohama shi Kanagawa 2208401 Japan
(86) International Application No	:PCT/JP2012/081344	(72)Name of Inventor:
Filing Date	:04/12/2012	1)OKAMOTO Akiyasu
(87) International Publication No	:WO 2013/114722	2)TODAKA Shimpei
(61) Patent of Addition to Application	:NA	3)ODA Manabu
Number	:NA :NA	4)SAKATA Nobuyasu
Filing Date	.11/1	5)KAWAGOE Hiromi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The exhaust gas treatment device is provided with: an exhaust gas pipe (48) through which it is possible for combustion gases to flow; a heat recovery part furnished to the exhaust gas pipe (48) and capable of recovering heat from the exhaust gases; a harmful substance removal part furnished to the downstream side in the direction of exhaust gas flow from the heat recovery part in the exhaust gas pipe (48) and capable of removing harmful substances in the exhaust gases; and a popcorn ash trapping part (61) furnished between the heat recovery part and the harmful substance removal part in the exhaust gas pipe (48) and capable of trapping popcorn ash in the exhaust gases. In the popcorn ash trapping part (61) a plurality of protruding parts (66) which protrude towards the upstream side in the direction of exhaust gas flow are lined up along two intersecting directions.



No. of Pages: 36 No. of Claims: 5

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: EMULSIFIABLE CONCENTRATE COMPRISING PESTICIDE AMIDE CARBONATE AND **HYDROCARBON**

(51) International :A01N25/02,A01N43/40,A01N43/56

classification (31) Priority Document No :61/570320

(32) Priority Date :14/12/2011 (33) Name of priority

:U.S.A. country

(86) International :PCT/EP2012/073935 Application No

:29/11/2012 Filing Date

(87) International

:WO 2013/087416 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)DIELEMAN Cedric 2)MAYER Winfried 3)JAKOB J1/4rgen 4) RIEDIGER Nadine

(57) Abstract:

1221519214Subject matter of the present invention is an emulsifiable concentrate comprising a water insoluble pesticide an amide of the formula (I) R C(O)N(R) (I) where R is C C alkyl and R is C C alkyl a carbonate which is ethylene carbonate or propylene carbonate and a hydrocarbon solvent. A further subject matter is an emulsion obtainable by mixing water with the emulsifiable concentrate; a process for the preparation of the emulsifiable concentrate; and a method for controlling phytopathogenic fungi and/or undesired vegetation and/or undesired attack by insects or mites and/or for regulating the growth of plants where the concentrate or the emulsion is allowed to act on the respective pests their environment or on the crop plants to be protected from the respective pests on the soil and/or on undesired plants and/or on the crop plants and/or their environment.

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :01/07/2014

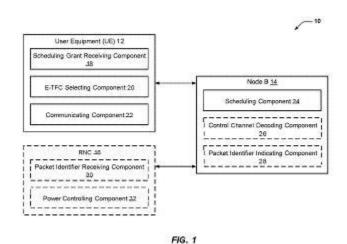
(43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD AND APPARATUS FOR E TFC SELECTION FOR UPLINK MIMO COMMUNICATION

 (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 	:61/596682 :08/02/2012 :U.S.A. :PCT/US2013/025332 :08/02/2013 :WO 2013/119938	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)ZHANG Danlu 2)SAMBHWANI Sharad Deepak 3)BHARADWAJ Arjun
(87) International Publication No(61) Patent of Addition to Application Number		2)SAMBHWANI Sharad Deepak 3)BHARADWAJ Arjun 4)AGARWAL Ravi
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)AKKARAKARAN Sony J.

(57) Abstract:

One or more scheduling grants may be received from a Node B related to a plurality of uplink MIMO streams. A determination may be made as to a primary transport power and a primary transport block size for a primary stream. A secondary transmit power and a secondary transport block size for a secondary stream may also be determined.



9,592

No. of Pages: 48 No. of Claims: 52

(21) Application No.4954/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CO PRODUCTION OF METHANOL AND UREA

:NA

:C01B3/02,C01B3/34,C01B3/38 (71)Name of Applicant : (51) International classification (31) Priority Document No :PA2012 00008 1)HALDOR TOPS E A/S (32) Priority Date :04/01/2012 Address of Applicant :Nym llevej 55 DK 2800 Kgs. Lyngby (33) Name of priority country :Denmark Denmark (86) International Application No: PCT/EP2012/076667 (72)Name of Inventor: Filing Date 1)DAHL Per Juul :21/12/2012 (87) International Publication No: WO 2013/102589 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Process for the co production of methanol and urea from a hydrocarbon feed without venting large amounts of carbon dioxide to the atmosphere.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: GAS TURBINE FAN COMPOSITE CONTAINMENT CASE AND METHODS OF MANUFACTURE

(51) International :F01D25/24,B29C70/02,B65D81/02 classification

(31) Priority Document No :13/326455 (32) Priority Date :15/12/2011

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

(86) International Application :PCT/US2012/064378

:09/11/2012 Filing Date

(87) International Publication :WO 2013/122635

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

U.S.A.

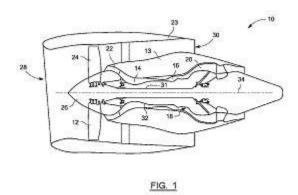
(72) Name of Inventor:

1)ZHU Oi

2)FINN Scott Roger

(57) Abstract:

A containment case comprises a composite core with an inner and outer surface at least one puncture resistant layer bonded to the inner surface of the composite core and at least one energy capture layer bonded to the outer surface of the composite core. The puncture resistant layer having a high through thickness shear strength and high interlaminar toughness at impact. The energy capture layer having a high in plane tensile strength and low resistance to delamination and fiber matrix debonding at impact. A method of fabricating a containment case includes the steps of disposing one or more layers of a puncture resistant material on a layup mandrel disposing one more layers of a structural composite material on an exterior surface of the puncture resistant material disposing one or more layers of an energy capture material on an exterior surface of the structural material and curing a resin in the plurality of layers.



No. of Pages: 29 No. of Claims: 24

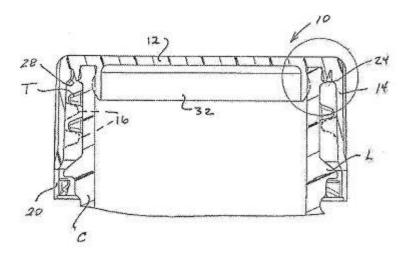
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: LINERLESS CLOSURE

(51) International classification	:B65D53/00	(71)Name of Applicant:
(31) Priority Document No	:61/583938	1)CLOSURE SYSTEMS INTERNATIONAL INC.
(32) Priority Date	:06/01/2012	Address of Applicant :7702 Woodland Drive Suite 200
(33) Name of priority country	:U.S.A.	Indianapolis IN 46278 U.S.A.
(86) International Application No	:PCT/US2013/020490	(72)Name of Inventor:
Filing Date	:07/01/2013	1)ELLIOT Daniel
(87) International Publication No	:WO 2013/103946	2)BASHYAM Navaneeth
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A linerless closure for use on an associated container includes a unitary one piece closure body having a top wall portion and an annular skirt portion depending from the top wall portion. The closure includes an annular outer seal element which depends from the top wall portion for sealing engagement with a generally outwardly facing surface of the associated container. The closure includes an inner plug seal element depending from the top wall portion for sealing engagement with a generally inwardly facing surface of the container. Notably the closure includes a discontinuous pressure block in the form of a plurality of circumferentially spaced seal reinforcement elements on the inside surface of the skirt portion adjacent the top wall portion. The reinforcement elements are engageable by the outer seal element to limit outward deflection of the outer seal element to enhance sealing cooperation with the associated container.



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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: HAIR CUTTING DEVICE

(51) International classification	:B26B19/00	(71)Name of Applicant :
(31) Priority Document No	:61/578910	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:22/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057422	(72)Name of Inventor:
Filing Date	:18/12/2012	1)DAMKAT Chris
(87) International Publication No	:WO 2013/093772	2)UZUNBAJAKAVA Natallia Eduardauna
(61) Patent of Addition to Application	:NA	3)CIUHU Calina
Number	:NA	4)VEENSTRA Geert
Filing Date	.11/1	5)KOOIKER Harmen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hair cutting device (10) is provided comprising a cutter unit (11) a skin stretcher (12) and slit adapting means. The cutter unit (11) comprises a skin contact surface for dragging over a skin surface (21) in a shaving direction (55) a front surface arranged in front of the skin contact surface in the shaving direction (55) and a laser beam exit window arranged in the front surface for allowing a hair cutting laser beam (13) to cut a hair (22) near the skin surface (21) in front of the front surface. The skin stretcher (12) is positioned in front of the cutter unit (11) according to the shaving direction (55) and comprises a stretcher surface for dragging over the skin surface (21) together with the skin contact surface such that a skin dome (23) is formed by the skin surface (21) in a slit between the skin stretcher (12) and the cutter unit (11). The slit adapting means are provided for adapting at least one dimension (51 52 54) of the slit for controlling a shape of the skin dome (23).

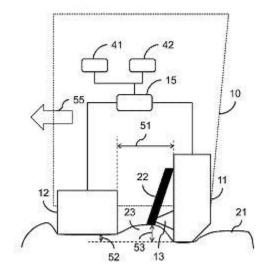


Fig. 1

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

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: A LUMINAIRE

 (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 	:H05B37/02 :61/568193 :08/12/2011 :U.S.A. :PCT/IB2012/056979 :05/12/2012 :WO 2013/084158 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)NEWTON Philip Steven 2)KROON Bart
(86) International Application No	:PCT/IB2012/056979	(72)Name of Inventor:
` /		2)KROON Bart
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4569/CHENP/2014 A

(57) Abstract:

A luminaire (la lb) and a method for controlling a luminaire are disclosed. The luminaire (la lb) comprises a light source (2) and an ultrasonic sensor (3). The ultrasonic sensor (3) detects the presence and direction of movement of a person (4) with respect to the light source (2). A controller modifies a lighting parameter emitted from the light source (2) depending on whether a person (4) is moving towards or away from the light source (2).

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROCESS FOR PREPARING HYDROCRACKING CATALYST COMPOSITIONS

(51) International classification: B01J21/04,B01J29/14,B01J37/02 (71) Name of Applicant: (31) Priority Document No 1) SHELL INTERNATIONALE RESEARCH :11195467.3 (32) Priority Date :23/12/2011 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant: Carel van Bylandtlaan 30 NL 2596 HR :EPO (86) International Application The Hague Netherlands :PCT/EP2012/076294 2)SHELL OIL COMPANY No :20/12/2012 Filing Date (72) Name of Inventor: (87) International Publication 1)KIJLSTRA Wiebe Sjoerd :WO 2013/092808 2)WINTER Ferry (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

A process for the preparation of a naphtha selective hydrocracking catalyst comprising of from 3 to 4.8 % wt of molybdenum calculated as metal and of from 1.5 to 3 % wt of nickel calculated as metal which comprises loading a refractory oxide support comprising an alumina binder component and a zeolite Y component in a content of from 65 to 75 wt% based on the total weight of the catalyst with nickel and molybdenum in the presence of citric acid wherein the zeolite Y component has a unit cell size in the range of from 24.42 to 24.52 ... a SAR in the range of from 8 to 15 and a surface area of from 850 to 1020 m/g.

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

(62) Divisional to Application

:NA

:NA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: 3 PHENYL ISOQUINOLIN 1(2H) ONE DERIVATIVES AS PARP 1 INHIBITORS

(51) International :C07D217/24,C07D405/04,A61K31/472 classification

(31) Priority Document :11190687.1

(32) Priority Date :25/11/2011

(33) Name of priority :EPO

country

(86) International

:PCT/EP2012/073125 Application No

:20/11/2012 Filing Date

(87) International :WO 2013/076090 Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)NERVIANO MEDICAL SCIENCES S.R.L.

Address of Applicant :PO Box 11 Viale Pasteur 10 I 20014

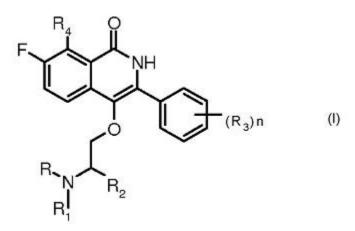
Nerviano (MI) Italy (72)Name of Inventor:

1)PAPEO Gianluca Mariano Enrico

2)CIRLA Alessandra 3)DTMANELLO Matteo 4)SCOLARO Alessandra 5) ZUCCOTTO Fabio

(57) Abstract:

There are provided substituted 3 phenyl isoquinolin 1(2H) one derivatives which selectively inhibit the activity of poly(ADP ribose) polymerase PARP 1 with respect to poly(ADP ribose) polymerase PARP 2. The compounds of the present invention are therefore useful in treating diseases such as cancer cardiovascular diseases central nervous system injury and different forms of inflammation. The present invention also provides methods for preparing these compounds pharmaceutical compositions comprising these compounds and methods of treating diseases utilizing pharmaceutical compositions comprising these compounds.



No. of Pages: 50 No. of Claims: 21

(22) Date of filing of Application :20/06/2014 (4

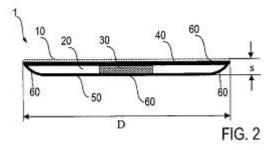
(43) Publication Date: 18/09/2015

(54) Title of the invention : CHIP IN PARTICULAR FOR COMING INTO CONTACT WITH AND/OR HAVING AN EFFECT ON ANIMAL FOOD OR AQUARIUM WATER

(51) International classification (31) Priority Document No	:A01K7/00,A01K5/01,A01K61/02 :20 2011 108 348.2	(71)Name of Applicant: 1)BRGGLI
(32) Priority Date	:25/11/2011	Address of Applicant :Hofstrasse 5 CH 8590 Romanshorn
(33) Name of priority country	:Germany	Switzerland
(86) International Application	:PCT/EP2012/004863	(72)Name of Inventor:
No Filing Data	:23/11/2012	1)FISCHER David
Filing Date (87) International Publication No	:WO 2013/075844	
(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 chip (1) in particular for coming into contact with and/or having an effect on animal food or aquarium water. The chip (1) comprises a fixing device (10) for fixing the chip (1) on a target object and a receiving space (20) in which an application agent (30) is housed. The fixing device (10) comprises an adhesion or gluing surface. The application agent (30) comprises at least one of the following: at least one vitalisation agent at least one nutritional supplement at least one crystal at least one mineral in particular at least one quartz.



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

(21) Application No.4925/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR PRODUCING POLYURETHANE HARD FOAMS AND POLYISOCYANURATE HARD FOAMS

(51) International :C08G18/12,C08G18/40,C08G18/42

:NA

classification

:12150016.9 (31) Priority Document No (32) Priority Date :02/01/2012

(33) Name of priority country: EPO

(86) International :PCT/EP2012/075347

Application No :13/12/2012 Filing Date

(87) International Publication :WO 2013/102540

(61) Patent of Addition to :NA

Application Number Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)KAMPF Gunnar

(57) Abstract:

The invention relates to a method for producing polyurethane hard foams or polyisocyanurate hard foams by reacting at least one polyisocyanate A) polyether ester polyols B) based on aromatic dicarboxylic acids obtainable by esterification of b1) 10 to 70 mol% of a dicarboxylic acid composition containing b11) 50 to 100 mol% in relation to the dicarboxylic acid composition of one or a more aromatic dicarboxylic acids or derivatives thereof b12) 0 to 50 mol% in relation to the dicarboxylic acid composition b1) of one or a more aliphatic dicarboxylic acids or derivatives thereof b2) 2 to 30 mol% of one or more fatty acids and/or fatty acid derivatives b3) 10 to 70 mol% of one or more aliphatic or cycloaliphatic diols having 2 to 18 C atoms or alkoxylates of the same b4) 2 to 50 mol% of a polyether polyol having a functionality greater than or equal to 2 produced by alkoxylation of a polyol having a functionality greater than 2 where necessary further polyester polyols C) which differ from those of component B) and at least one polyether polyol D) wherein the mass ratio of the sum of components B) and where applicable C) to component D) is at least 7. The invention also relates to the hard foams obtainable in said manner and to the use thereof for producing sandwich elements having rigid or flexible covering layers. The invention further relates to the basic polyol components.

No. of Pages: 24 No. of Claims: 14

(21) Application No.4856/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ETHYLENE BASED POLYMER COMPOSITIONS WITH IMPROVED VISCOSITIES

() () () () ()	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	:PCT/US2012/071828 :27/12/2012 :WO 2013/101933 :NA	(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)WALTHER Brian W. 2)CLAYFIELD Timothy E. 3)HYPOLITE Curvel
	Filing Date 62) Divisional to Application	:NA	
	Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a composition comprising a first composition comprising the following: A) a first ethylene/a olefin interpolymer that has a weight average molecular weight (Mw) greater than 90 000 g/mole and a MWD less than or equal to 3 each as determined by conventional GPC; B) a second ethylene/a olefin interpolymer; and wherein the first composition has a number average molecular weight (Mn) less than 10 000 g/mole as determined by conventional GPC; and wherein the a olefin of first interpolymer is the same as the a olefin of the second interpolymer.

No. of Pages: 40 No. of Claims: 15

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: WASHABLE VISCOELASTIC FLEXIBLE POLYURETHANE FOAMS

(51) International classification :C08J9/00,C08G18/28,C08G18/48 (71) Name of Applicant:

(31) Priority Document No :11191757.1 (32) Priority Date :02/12/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/073671

:27/11/2012 Filing Date

(87) International Publication :WO 2013/079461

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72) Name of Inventor: 1)MARTIN Marc

2)LUTTER Heinz Dieter

3)VARDING Jens

4)FRERICKS Ansgar

5)STADLER Edmund

(57) Abstract:

33The present invention relates to a process for producing viscoelastic flexible polyurethane foams having an air flow value of at least 1 dm/s which comprises (a) polyisocyanate being mixed with (b) polymeric compounds having isocyanate reactive groups (c) optionally chain extending and/or crosslinking agents (d) optionally compounds having only one isocyanate reactive group with a hydroxyl number of 100 to 500 mg KOH/g (e) catalyst (f) blowing agent and also optionally (g) addition agents to form a reaction mixture and convert it into flexible polyurethane foam wherein the polymeric compounds having isocyanate reactive groups (b) comprise 10 to 40 wt% of at least one polyalkylene oxide (b1) having a hydroxyl number of 90 to 300 mg KOH/g based on a 3 to 6 functional starter molecule and a propylene oxide fraction based on the alkylene oxide content of 80 to 100 wt% 5 to 20 wt% of at least one polyalkylene oxide (b2) having a hydroxyl number of 10 to 60 mg KOH/g based on a 2 to 4 functional starter molecule and a propylene oxide fraction based on the alkylene oxide content of 80 to 100 wt% 10 to 50 wt% of at least one polyalkylene oxide (b3) having a hydroxyl number of 10 to 55 mg KOH/g based on a 2 to 4 functional starter molecule and an ethylene oxide fraction based on the alkylene oxide content of 70 to 100 wt% and 0 to 20 wt% of at least one polyalkylene oxide (b4) having a hydroxyl number of 50 to 200 mg KOH/g based on a 2 functional starter molecule and an ethylene oxide fraction based on the alkylene oxide content of 80 to 100 wt% and wherein the fraction of compounds b1) to b4) based on the total weight of polymeric compounds having isocyanate reactive groups (b) is at least 80 wt%. The present invention further relates to a viscoelastic polyurethane foam having an air flow value of at least 1 dm/s which is obtainable by such a process and to the use of such a polyurethane foam for mattresses and cushions.

No. of Pages: 18 No. of Claims: 15

(21) Application No.4781/CHENP/2014 A

(19) INDIA

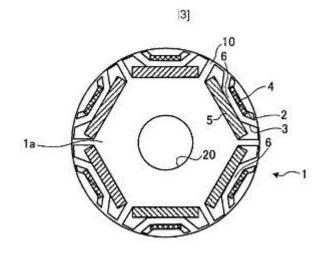
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: ROTOR

 (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 	:H02K1/27 :NA :NA :NA :PCT/JP2011/080054 :26/12/2011 :WO 2013/098912 :NA :NA	(71)Name of Applicant: 1)Mitsubishi Electric Corporation Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)TSUCHIDA Kazuchika 2)NIGO Masahiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotor (1) is provided with: a rotor core wherein magnet insertion slots (2 3) radially arranged in an inwardly convex manner are disposed for each magnetic pole and the magnet insertion slots (2 3) are positioned around the circumferential direction of the rotor core according to the number of magnetic poles; and flat permanent magnets (4 5) inserted into each of the magnetic insertion slots (2 3). The innermost circumferentially adjacent magnet insertion slots (3) are configured so that the widths thereof gradually increase toward the inner side such that the width of the core between the magnetic insertion slots in the circumferential direction will be uniform in the radial direction.



No. of Pages: 20 No. of Claims: 4

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: EXHAUST GAS PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification:F01N3/08,B01D53/86,B01D53/94 (71)Name of Applicant:

(31) Priority Document No :2011259349 (32) Priority Date :28/11/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/080184

Filing Date

:21/11/2012

(87) International Publication

:WO 2013/080858

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

Address of Applicant: 2 1 Toyoda cho Kariya shi Aichi 4488671 Japan

2)TOYOTA JIDOSHA KABUSHIKI KAISHA

(72)Name of Inventor: 1)TOSHIOKA Shunsuke 2)FUKUDA Koichiro 3)NAKAYAMA Shigeki

An exhaust gas purification device which purifies exhaust gas in first and second exhaust gas passages (20A 20B) extending from an internal combustion engine is equipped with: a convergence passage (22) extending from the area of convergence of the first and second exhaust gas passage; a first sub NOx catalyst (25A) provided in the first exhaust gas passage; a second sub NOx catalyst (25B) provided in the second exhaust gas passage; a main NOx catalyst (26) provided in the convergence passage; a first addition unit (30A) that adds an ammonia source with a first additive amount upstream from the first sub NOx catalyst so as to supply urea water to the first sub NOx catalyst; and a second addition unit (30B) that adds an ammonia source with a second additive amount upstream from the second sub NOx catalyst so as to supply urea water to the second sub NOx catalyst.

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

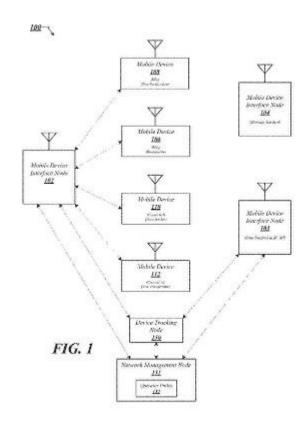
(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: TECHNIQUES FOR IMPROVED ENERGY SAVINGS MANAGEMENT

(51) International classification	:H04W8/02,H04W52/02	(71)Name of Applicant:
(31) Priority Document No	:61/591641	1)INTEL CORPORATION
(32) Priority Date	:27/01/2012	Address of Applicant :2200 Mission College Boulevard Santa
(33) Name of priority country	:U.S.A.	Clara California 95054 U.S.A.
(86) International Application No	:PCT/US2013/023305	(72)Name of Inventor:
Filing Date	:25/01/2013	1)CHOU Joey
(87) International Publication No	:WO 2013/112943	2)VENKATACHALAM Muthaiah
(61) Patent of Addition to Application	:NA	3)SIROTKIN Alexander
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques for improved energy savings management are described. In various embodiments for example a network management node includes a processor circuit a communication component arranged for execution by the processor circuit to receive device tracking information from a device tracking node and a determination component arranged for execution by the processor circuit to determine whether an eNodeB is to enter an energy saving mode based on the device tracking information. Other embodiments are described and claimed.



No. of Pages: 61 No. of Claims: 30

(21) Application No.4773/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: INGREDIENTS FOR ANIMAL FEED COMPOSITIONS

(51) International classification :A23K1/00,A23K1/10,A23K1/12 (71)Name of Applicant:

:NA

(31) Priority Document No :11306700.3 (32) Priority Date :19/12/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/076046

No :18/12/2012 Filing Date

(87) International Publication No:WO 2013/092645

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)DEINOVE

Address of Applicant :22 rue Lon Jouhaux F 75010 Paris

France

(72) Name of Inventor:

1)GAUFRES Laure 2)HIVIN Patrick 3)KREL Michael

4)LEONETTI Jean Paul

(57) Abstract:

DeinococcusThe present invention relates to ingredients for animal feed compositions for enhancing animal growth and/or animal health. The invention also relates to methods for producing such ingredients and feed compositions. The methods of the invention further allow improving the palatableness and/or digestibility of feed compositions. More specifically the invention describes the use of a mix of or related bacteria and biomass as a supply of organic constituents in feed compositions.

No. of Pages: 40 No. of Claims: 18

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PRESERVING REDUNDANCY IN DATA DEDUPLICATION SYSTEMS BY ENCRYPTION

(31) Priority Document No :13/4 (32) Priority Date :23/0 (33) Name of priority country :U.S. (86) International Application No :PCT Filing Date :14/0	10504 U.S.A. (72)Name of Inventor: 1)2013/159582 1)FiISKE Rahul M 2)JONES Carl Evan 3)ROY Subhojit
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(57) Abstract:

Various embodiments for preserving data redundancy in a data deduplication system in a computing environment are provided. In one embodiment a method for such preservation is disclosed. A selected data segment to be written through the data deduplication system is encrypted such that the selected data segment is not subject to a deduplication operation. Other system and computer program product embodiments are disclosed and provide related advantages.

No. of Pages: 29 No. of Claims: 27

(21) Application No.4775/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: PROTECTION METHOD AND DEVICE

(51) Intermedianal alequification	.11041 12/26	(71)Nome of Amplicant
(51) International classification	:H04L12/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KEELWIT TECHNOLOGY & BEYOND S.L.
(32) Priority Date	:NA	Address of Applicant :Avda. Presidente Carmona 2 E 28020
(33) Name of priority country	:NA	Madrid Spain
(86) International Application No	:PCT/ES2011/070905	2)LAISECA TECHNOLOGIES S.L.
Filing Date	:26/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2013/098424	1)REYES GONZ • LEZ Joaqun Diego
(61) Patent of Addition to Application	:NA	2)LAISECA SEGURA Sebasti;n
Number		3)PRADA Y NOGUEIRA Isaac
Filing Date	:NA	4)CANCER ABITIZ Jos Mara
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (11) for protecting against flooding denial of service attacks; with said device being connected to a transport telecommunications network which has or does not have a firewall (12) and a computer system; the protective device (11) comprises an analyser means which analyses the packets both the packet and the header thereof transported by the transport network; the analyser device is able to detect the similarity or lack of similarity of each packet and the analysed packet is rejected if the values match.

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

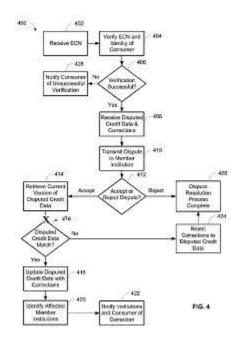
(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEM AND METHOD FOR AUTOMATED DISPUTE RESOLUTION OF CREDIT DATA

() () () () ()	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 Jumber Filing Date	:61/581680 :30/12/2011 :U.S.A. :PCT/US2012/069282 :12/12/2012 :WO 2013/101468 :NA :NA	(71)Name of Applicant: 1)TRANS UNION LLC Address of Applicant:555 W. Adams Street Chicago IL 60661 U.S.A. (72)Name of Inventor: 1)NG Po Cheung 2)CARSON Jeffrey 3)THOMPSON Douglas 4)HAGEN Ronald
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for automated dispute resolution of credit data is provided. A consumer may receive a credit report from a credit bureau through a third party system. The consumer may submit a dispute including disputed credit data and corrections to the disputed credit data if there is believed to be erroneous information in the credit report. An applicable member institution that supplied the disputed credit data may accept or reject the dispute. If the dispute is accepted the current version of the disputed credit data may be retrieved and compared to the submitted disputed credit data. If the current and submitted versions of the disputed credit data match then the disputed credit data may be updated with the corrections.



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: USE OF GRADIENT COILS FOR CORRECTING HIGHER ORDER BO FIELD INHOMOGENEITIES IN MR IMAGING

(51) International classification :G01R33/385,G01R33/3875 (71)Name of Applicant : (31) Priority Document No :61/579739

(32) Priority Date :23/12/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/057166

Filing Date :11/12/2012 (87) International Publication No :WO 2013/093710

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)HAM Cornelis Leonardus Gerardus

1)KONINKLIJKE PHILIPS N.V.

Eindhoven Netherlands

(72) Name of Inventor:

Address of Applicant : High Tech Campus 5 NL 5656 AE

(57) Abstract:

0 120The invention relates to a method of correcting higher order Bmagnetic field inhomogeneities in the examination volume of an MR device. According to the invention currents through two or more coil sections (X X) of at least one of a plurality of gradient coils (4) are independently controlled in such a manner that higher order field inhomogeneities of the main magnetic field B are compensated for by the magnetic field of the at least one gradient coil (4).

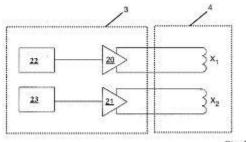


Fig. 2

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

(22) Date of filing of Application :20/02/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: BOSUTINIB FORMS AND PREPARATION METHODS THEREOF

		(71)Name of Applicant :
(51) International classification	:A61K31/00	1)APOTEX INC.
(31) Priority Document No	:NA	Address of Applicant :150 SIGNET DRIVE TORONTO,
(32) Priority Date	:NA	ONTARIO M9L 1T9 Canada
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AKBARALI PADIYATH MOHAMMED
Filing Date	:NA	2)VENKATA RAMANA KINTALI
(87) International Publication No	: NA	3)SHREENIVASA MURTHY HEGGADDE NANJUNDA
(61) Patent of Addition to Application Number	:NA	BHATTA
Filing Date	:NA	4)GIRISHA MEENKERE
(62) Divisional to Application Number	:NA	5)SOMANATH BHUPAL VENKATA
Filing Date	:NA	6)RAJA RAMESH MANDA
		7)VISHAL AMRUTLAL SODHA

(57) Abstract:

Aspects of the present invention relate to Bosutinib forms, pharmaceutical compositions thereof and processes for preparation thereof.

No. of Pages: 45 No. of Claims: 29

(21) Application No.4927/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: MUTATED LENTIVIRAL ENV PROTEINS AND THEIR USE AS DRUGS

(31) Priority Document No :1130 (32) Priority Date :07/1 (33) Name of priority country :EPC (86) International Application No :PCT Filing Date :07/1	2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3)UNIVERSITE PARIS SUD XI 4)INSTITUT GUSTAVE ROUSSY (72)Name of Inventor: 1)HEIDMANN Thierry
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(57) Abstract:

The present invention relates to a pharmaceutical composition comprising as active substance a mutated lentiviral ENV protein substantially devoid of immunosuppressive properties or a variant of said mutated lentiviral ENV protein or a fragment of the above proteins in association with a pharmaceutically acceptable carrier.

No. of Pages: 495 No. of Claims: 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4928/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHODS OF CONTROLLING UNDESIRABLE VEGETATION WITH IMIDAZOLINONE HERBICIDES AND ADJUVANTS IN HERBICIDE RESISTANT CROP PLANTS

(51) International :A01N25/30,A01N43/50,A01P13/00

classification .AUIN25/30,AUIN45/30,AUIF13

(31) Priority Document No :11191969.2
(32) Priority Date :05/12/2011
(33) Name of priority country:EPO

(86) International

Application No :PCT/EP2012/072641

Filing Date :14/11/2012

(87) International Publication :WO 2013/083377

(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)BASF AGROCHEMICAL PRODUCTS B.V.

Address of Applicant: Groningensingel 1 NL 6835 EA

Arnhem Netherlands
(72)Name of Inventor:
1)SCHNABEL Gerhard
2)PFENNING Matthias
3)POLZIN Jrg

4)BREMER Hagen

(57) Abstract:

1n116361n1A herbicidal composition comprising: a) a herbicide compound A which is selected from the group of imidazolinones; and b) an adjuvant B which is a surfactant selected from the groups b1 to b5: b1) a nonionic surfactant of the formula RX and polyalkoxylated derivatives thereof wherein R is selected from aliphatic or aromatic residues having at least eight carbon atoms; X is selected from hydroxy O (C C alkyl) O (C C alkenyl) amine amide or ester; and n is 1 2 3 4 5 or 6; b2) an anionic surfactant of the formula RY wherein R is selected from aliphatic or aromatic residues having at least eight carbon atoms; Y is selected from carboxylate sulfonate sulfate phosphate or phosphonate; and n is 1 2 3 4 5 or 6; b3) a cationic surfactant; b4) a zwitterionic surfactant; or b5) a polymeric surfactant; and wherein the weight ratio of the herbicide compound A and the adjuvant B is from 2:1 to 1:60; and the use of the said compositions for controlling undesirable vegetation.

No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : METHOD AND APPARATUS FOR LOCATING A MOBILE DEVICE USING THE MOBILE DEVICE ORIENTATION

 (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 	:H04W64/00 :13/363132 :31/01/2012 :U.S.A. :PCT/US2013/021131 :11/01/2013 :WO 2013/115955 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)PODURI Sameera 2)PAKZAD Payam 3)SRIDHARA Vinay
Number		5)SRIDHARA VIIIAY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Techniques for determining the position of a mobile wireless device are provided. The techniques include a method for determining the position of a mobile wireless device that includes receiving signal characteristics of a signal received from the mobile wireless device at a wireless access point of a Wireless Local Area Network (WLAN) determining an orientation of the mobile wireless device relative to the wireless access point determining a compensation factor based on the orientation of the mobile wireless device relative to the wireless access point and determining an estimated position of the mobile wireless device based at least in part on the compensation factor. The compensation factor compensates for the effect of user occlusion on at least one characteristic of the signal received from the mobile wireless device.

No. of Pages: 63 No. of Claims: 92

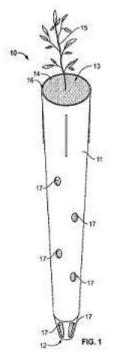
(22) Date of filing of Application :25/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: CONTAINER SOIL BLEND AND METHOD OF GROWING PLANTS

(51) International classification	:A01G1/00,A01G9/02	(71)Name of Applicant:
(31) Priority Document No	:61/579938	1)TROPICANA PRODUCTS INC.
(32) Priority Date	:23/12/2011	Address of Applicant :1001 13th Avenue E Bradenton Florida
(33) Name of priority country	:U.S.A.	34208 U.S.A.
(86) International Application No	:PCT/US2012/071396	(72)Name of Inventor:
Filing Date	:21/12/2012	1)KEITHLY James H.
(87) International Publication No	:WO 2013/096849	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Containers having air pruning holes are have dimensions configured for germination and/or growth of citrus plants including citrus root stock as well as other plants. One such container may have a width of about 2 54 to 3 18 cm and a depth of about 12 7 to 17 8 cm. Another such container may have a width of about 10 2 to 15 2 cm and a depth of about 30 5 to 35 6 cm. Soil blends containing about 30% coconut coir 30% Cyprus bark sawdust 40% peatmoss and various additives configured for use in germination and/or growth of citrus and other plants may be used in connection with the containers or independently of the containers.



No. of Pages: 61 No. of Claims: 24

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING A SCALABLE SIGNALING MECHANISM FOR VIRTUAL MACHINE MIGRATION IN A MIDDLEWARE MACHINE ENVIRONMENT

 (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 	:61/615731 :26/03/2012 :U.S.A.	(71)Name of Applicant: 1)ORACLE INTERNATIONAL CORPORATION Address of Applicant:500 Oracle Parkway M/S 5op7 Redwood Shores CA 94065 U.S.A. (72)Name of Inventor: 1)GUAY Wei Lin 2)JOHNSEN Bjorn Dag
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method can support a signaling method in a virtualization environment. The management domain on one or more physical servers can be provided with a mapping table. The management domain operates to receive a message from the subnet administrator wherein the message indicates a path record change event such as a virtual machine (VM) migration event in the network. Then the management domain can forward the received message to one or more virtual machine associated with the management domain based on the mapping table.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4934/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: IMPROVEMENTS IN AND RELATING TO CUSHIONS

:PCT/GB2012/053062

:07/12/2012

(51) International classification :A47C7/38,A47G9/10,B60N2/48 (71)Name of Applicant: (31) Priority Document No :1121215.6 (32) Priority Date :09/12/2011 (33) Name of priority country :U.K.

(86) International Application No

Filing Date

(87) International Publication No: WO 2013/084005

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) JENSEN Gemma

Address of Applicant: 54 Ashley Road Altrincham WA14

2LY U.K.

(72) Name of Inventor: 1)JENSEN Gemma

(57) Abstract:

A cushion including a pillow portion (2) useable for supporting the head of a user of the cushion and an elongate trunk (4) portion that extends away from the pillow portion (2) and which is usable for supporting the chin of the user. Wherein the pillow portion (2) is shaped so that it is useable to extend from at least a position on the back of the neck of a user whose head is being supported by the pillow portion (2) that is less than three centimetres from the mid point of the back of the neck to at least a position where it contacts an ear of the user and wherein in this use of the pillow portion (2) the trunk portion (4) extends away from the pillow portion (2) towards the chin of the user.

No. of Pages: 67 No. of Claims: 34

(21) Application No.4935/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention : DIAGNOSTIC TESTS FOR PREDICTING PROGNOSIS RECURRENCE RESISTANCE OR SENSITIVITY TO THERAPY AND METASTATIC STATUS IN CANCER

 (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 	:C12Q1/68 :61/631291 :31/12/2011 :U.S.A. :PCT/IB2012/057844 :31/12/2012 :WO 2013/098797 :NA :NA	(71)Name of Applicant: 1)KURIAKOSE Moni Abraham Address of Applicant: 49/1610 A Peliyad Road Oliyal House AIMS Ponekkara P O Ernakulam Kerala 682041 Andhra Pradesh India 2)SURESH Amritha (72)Name of Inventor: 1)KURIAKOSE Moni Abraham 2)SURESH Amritha
Filing Date	:NA :NA	

(57) Abstract:

The present invention describes a method utilizing a set of genes or gene products whose altered expression in cancer tissue particularly head and neck cancer and other carcinomas or its adjacent normal tissues predicts (a) probability of recurrence in time after treatment (b) sensitivity or resistance to therapies or (c) probability of metastasis at the time of initial discovery of the tumor. Furthermore the invention describes methods of determining the molecular signature in tumor tissues tissues adjacent to the tumor or in saliva by using DNA microarray techniques quantitative real time PCR immunohistochemistry or other methods that are used for determining gene or gene product expression levels.

No. of Pages: 66 No. of Claims: 7

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 18/09/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR AUTHENTICATING BULK PRODUCTS

 (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 	:61/578169 :20/12/2011 :U.S.A. :PCT/CA2012/001187 :20/12/2012 :WO 2013/091081 :NA :NA	(71)Name of Applicant: 1)INTEGRATED ELECTRONICS MANUFACTURING CORP. Address of Applicant: 91 Skyway Avenue Suite 200 Toronto Ontario M9W 6R5 Canada (72)Name of Inventor: 1)ZOSIMADIS Peter 2)MCMULLEN Scott
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This application generally relates to systems and methods for authenticating a bulk quantity of a consumable product with a corresponding product. More specifically the invention associates a bulk quantity of the consumable product with a product parameter such as a consumption rate of the consumable product within the corresponding product; provides and authorizes a key and/or reader with the bulk quantity and consumption rate data to a specific corresponding product wherein the bulk quantity and consumption rate data are correlated to a maximum consumption quantity value; monitoring consumption of the consumable product within the corresponding product until the maximum consumption quantity value is reached; and providing an event output to the corresponding product when the maximum consumption quantity value is realized.

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

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 18/09/2015

(54) Title of the invention: METHOD FOR TRANSFORMING A PROGRESSIVE OPHTHALMIC SURFACE

(51) International classification: B24B13/06,B24B13/00,G02C7/02 (71) Name of Applicant:

:12/12/2012

(31) Priority Document No :11 61702 (32) Priority Date :15/12/2011

(33) Name of priority country: France

(86) International Application :PCT/EP2012/075236

Filing Date

(87) International Publication

:WO 2013/087696

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) ESSILOR INTERNATIONAL (COMPAGNIE

GENERALE DOPTIOUE)

Address of Applicant: 147 rue de Paris F 94220 Charenton Le

Pont France

(72) Name of Inventor: 1)GACOIN Eric

2)HUPREL Laurent 3)MOINE Jr'me 4)PADIOU Jean Marc

(57) Abstract:

The present invention relates to a method for transforming an initial progressive ophthalmic surface which has to be manufactured by a manufacturing method the transformation method comprising: a step of selecting a manufacturing method intended to be implemented in which said manufacturing method introduces a reproducible surface defect a step of selecting a predictive model of said reproducible surface defect a step of selecting an initial progressive ophthalmic surface S intended to be manufactured a step of determining (S1) during which there is determined by means of said predictive model a surface defect value D which would be introduced if the initial progressive ophthalmic surface S were produced by said manufacturing method a transformation step (S2) during which said initial progressive ophthalmic surface S is transformed into a transformed progressive ophthalmic surface S by compensating the defect value D determined during the step (S1) such that the subsequent manufacture of the transformed ophthalmic surface S by said manufacturing method makes it possible to obtain a progressive ophthalmic surface which substantially conforms to the initial progressive ophthalmic surface S.

No. of Pages: 37 No. of Claims: 15

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

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 Rules, 2003.

Patent No.	Applicants	Title	Date of	Appropriate
			Cessation	Office
194756	WOLSEY HENRY GARNET, CHRISTOPHER GARNET WOLSEY, KAREN JANE CORCORAN, HELEN LOUSE WOLSEY, ANTHONY PHILIP WOLSEY	A PORTABLE POUCH.	23/10/2009	Kolkata

Ser ial Nu mb er	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	268687	8655/DELNP/2008	21/05/2007	24/05/2006	A PROCESS FOR THE PRODUCTION OF A BENZOPYRAN-2-OL DERIVATIVE OF FORMULA(I)	PFIZER LIMITED	15/05/2009	DELHI
2	268695	501/DEL/2010	05/03/2010 11:51:34	30/03/2009	IMPROVED POLYMERIZABLE COMPOSITIONS	ROHM AND HAAS COMPANY	15/10/2010	DELHI
3	268701	3832/DELNP/2005	20/01/2004	31/03/2003	A WELLBORE APPARATUS AND METHOD THEREOF	EXXONMOBIL UPSTREAM RESEARCH COMPANY	17/08/2007	DELHI
4	268705	1604/DEL/2003	23/12/2003	24/12/2003	A MEMBER FOR GUIDING THE HARNESS CORDS OF A WEAVING LOOM HARNESS OF JACQUARD TYPE AND PROCESS FOR MANUFACTURING THE SAME	STAUBLI LYON	30/12/2005	DELHI
5	268708	5118/DELNP/2008	22/11/2006	19/12/2005	PROCESS FOR PRODUCING CONDENSED- PHASE PRODUCT FROM ONE OR MORE GAS- PHASE REACTANTS	BP EXPLORATION OPERATING COMPANY LIMITED	26/09/2008	DELHI
6	268709	5611/DELNP/2008	08/12/2006	27/12/2005	POLYPEPTIDE HAVING ESTERASE ACTIVITY AND RECOMBINANT ESTERASE AND USE THEREOF	DSM FINE CHEMICALS AUSTRIA NFG GMBH & CO KG	26/09/2008	DELHI
7	268712	3179/DELNP/2009	06/11/2007	16/11/2006	REACTOR AIR SUPPLY SYSTEM AND BURNER CONFIGURATION	AIR LIQUIDE PROCESS & CONSTRUCTION, INC.,	09/04/2010	DELHI
8	268714	1635/DEL/2004	30/08/2004	11/09/2003	A JET ENGINE	SNECMA	18/08/2006	DELHI
9	268735	2175/DEL/2009	20/10/2009 14:44:09	23/10/2008	METHOD AND DEVICE FOR REMOVING CO2 AND H2S	MITSUBISHI HITACHI POWER SYSTEMS, LTD.	11/06/2010	DELHI
10	268736	1248/DELNP/2010	23/09/2008	25/09/2007	NOVEL METHOD FOR THE SYNTHESIS OF ANTICANCER (POLY)AMINOALKYLAMI NOACETAMIDE DERIVATIVES OF EPIPODOPHYLLOTOXIN	PIERRE FABRE MEDICAMENT	06/08/2010	DELHI

11	268741	1854/DELNP/2007	12/10/2005	28/10/2004	PROCESS FOR REMOVAL OF IMPURITIES FROM AN OXIDIZER PURGE STREAM	GRUPO PETROTEMEX, S.A. DE C.V.	27/04/2007	DELHI
12	268744	2411/DELNP/2008	27/07/2006	23/09/2005	METHOD OF ENANTIOSELECTIVE ENZYMATIC REDUCTION OF KETO COMPOUNDS	IEP GMBH	25/07/2008	DELHI
13	268746	591/DEL/2007	19/03/2007		A NOVEL VISCOELASTIC MEDIA USED FOR NANO- FINISHING OF MATERIALS AND A PROCESS FOR THE PREPARATION THEREOF	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	14/11/2008	DELHI
14	268748	9569/DELNP/2008	12/08/2004	26/08/2003	MOVING BODY	TOYOTA JIDOSHA KABUSHIKI KAISHA	20/03/2009	DELHI
15	268749	3770/DELNP/2006	07/01/2005	07/01/2004	PROCESS FOR THE MANUFACTURE OF AN OBJECT FROM A PACKAGE	DSM IP ASSETS B.V.	22/06/2007	DELHI
16	268750	1796/DEL/2008	30/07/2008 11:39:01		A PROCESS FOR THE PREPARATION OF READY TO RECONSTITUTE FREEZE DRIED, SHELF STABLE RABRI POWDER	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	19/03/2010	DELHI
17	268757	2295/DEL/2006	18/10/2006	19/10/2005	GEARWHEEL	IMS Gear GmbH	31/08/2007	DELHI
18	268759	3897/DELNP/2007	16/11/2005	17/11/2004	ORAL CARE IMPLEMENT	COLGATE- PALMOLIVE COMPANY	31/08/2007	DELHI
19	268763	5680/DELNP/2008	19/01/2007	20/01/2006	ANTI-EPHRINB2 ANTIBODIES AND METHODS USING SAME	GENENTECH, INC.	26/09/2008	DELHI
20	268764	634/DELNP/2010	16/07/2008	01/08/2009	METHOD OF TRANSFERRING PARTICLES FROM ONE PRESSURE ZONE TO ANOTHER PRESSURE ZONE	UOP LLC	14/10/2011	DELHI
21	268766	603/DELNP/2009	09/08/2007	07/09/2006	METHODS FOR DETERMINING TEMPERATURE VALUE INDICATIVE OF RESIN STICKINESS FROM DATA GENERATED BY POLYMERIZATION REACTION MONITORING	UNIVATION TECHNOLOGIES, LLC.	22/05/2009	DELHI
22	268767	10485/DELNP/2008	20/06/2007	20/06/2006	A METHOD OF DETECTING APOPTOSIS IN A MAMMALIAN CELL	GENENTECH, INC	20/08/2010	DELHI
23	268768	2885/DELNP/2008	06/09/2006	12/10/2005	GEAR MECHANISM UNIT FOR A MOTOR VEHICLE ACTUATING DRIVE	BROSE FAHRZEUGTEILE GMBH & CO. KOMMANDITGESELLS CHAFT, WURZBURG	16/04/2010	DELHI

24	268771	3065/DELNP/2010	25/10/2007	25/10/2007	HIGH HEAT RESISTANT MASTERBATCH, HEAT RAY SHIELDING TRANSPARENT MOLDED RESIN, AND HEAT-RAY SHIELDING TRNSPARENT LAMINATION BODY	SUMITOMO METAL MINING CO., LTD	04/11/2011	DELHI
25	268772	7295/DELNP/2006	25/05/2005	27/05/2004	ARTIFICIAL AIRWAY APPARATUS FOR ESTABLISHING AN AIRWAY IN A PATIENT	INDIAN OCEAN MEDICAL, INC	27/04/2007	DELHI
26	268773	2685/DEL/2008	27/11/2008 12:01:37	30/11/2007	IMPROVED PROCESS FOR THE CATALYST SYNTHESIS OF DIARYL ETHERS	SALTIGO GMBH	20/08/2010	DELHI
27	268780	875/DEL/2008	03/04/2008	15/11/2007	A PRINTER WITH A TONER CARTRIDGE	DELL PRODUCTS L.P.	19/06/2009	DELHI
28	268781	5737/DELNP/2007	22/12/2005	25/01/2005	EVIDENCE COLLECTION HOLDER FOR SAMPLE AUTOMATION	BODE TECHNOLOGY GROUP, INC.	17/08/2007	DELHI
29	268783	838/DEL/2004	06/05/2004	08/05/2003	CLEANING DEVICE FOR A BUNDLE OF TUBULAR FILTER ELEMENTS DESIGNED WITH ONE END OPEN	HIMENVIRO DEUTSCHLAND GMBH	16/06/2006	DELHI
30	268793	7485/DELNP/2007	04/10/2006	06/10/2005	LYOPHILISED OR VACUUM DRIED NON- PROTEIN STABILIZED CLOSTRIDIAL TOXIN PHARMACEUTICAL COMPOSITIONS	ALLERGAN, INC	26/10/2007	DELHI
31	268798	791/DELNP/2007	01/08/2005	06/10/2004	AIRBAG CUSHION WITH CINCH TUBE FOR REDUCED OUT-OF- POSITION EFFECTS	AUTOLIV ASP INC.	03/08/2007	DELHI
32	268799	5064/DELNP/2006	11/06/2004	11/06/2004	CONVEYER PASSENGER INTERFACE SYSTEM.	OTIS ELEVATOR COMPANY,	13/07/2007	DELHI
33	268800	188/DEL/2007	31/01/2007 13:09:39		A PROCESS FOR THE SYNTHESIS OF DOUBLE HELICAL CARBON MICROCOILED BY CATALYTIC CHEMICAL VAPOUR DEPOSITION (CCVD) METHOD	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	29/08/2008	DELHI
34	268801	5321/DELNP/2007	25/01/2006	25/01/2005	FLUID PRODUCT DISPENSING DEVICE	APTAR FRANCE SAS	31/08/2007	DELHI
35	268802	1010/DEL/2008	21/04/2008	03/05/2007	AN APPARATUS DIRECTING A FLUID IN RADIAL FLOW REACTOR	UOP LLC	19/12/2008	DELHI
36	268803	1891/DELNP/2006	27/01/2005	18/10/2004	PROCESS OF PREPARATION OF SYNTHETIC FIRE OPAL	RAJNEESH BHANDARI	15/06/2007	DELHI

37	268804	2339/DELNP/2009	18/02/2004	18/02/2003	AMINOPHOSPHONIC ACID DERIVATIVES, ADDITION SALTS THEREOF AND S1P RECEPTOR MODULATORS	KYORIN PHARMACEUTICAL CO., LTD.	15/05/2009	DELHI
38	268805	9907/DELNP/2008	25/05/2007	26/05/2006	METHOD FOR PRODUCING ISOPRENOIDS	AMYRIS, INC.	27/03/2009	DELHI
39	268807	8297/DELNP/2009	20/05/2008	22/05/2007	PROCESS FOR THE COPRODUCTION OF NONCYCLIC CARBONATES AND OF FATTY NITRILES AND/OR AMINES	ARKEMA FRANCE	16/07/2010	DELHI

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1	268688	1659/MUM/2007	30/08/2007		MULTI - COMPARTMENT TUBE FOR VEHICLE TYRES	MAHINDRA & MAHINDRA LTD.	03/07/2009	MUMBAI
2	268697	3040/MUM/2010	02/11/2010 14:26:01		A PROCESS FOR PREPARATION OF FORMULATION FOR RELEIVING PAIN	Nigam Rupa Shashikant,Prasad Varunesh Rameshwar,Prasad Tarunesh Rameshwar	21/01/2011	MUMBAI
3	268698	39/MUMNP/2009	01/06/2007	08/06/2006	MOLECULAR SIEVE SSZ-75 COMPOSITION OF MATTER AND SYNTHESIS THEREOF	CHEVRON U.S.A. INC.	03/04/2009	MUMBAI
4	268704	2025/MUM/2007	11/10/2007		AN IMPROVED CONSTRUCTION OF THE COOKER WITH NOVEL INTERNAL STEAM CIRCULATION SYSTEM	PARDESHI RAVINDRA VASANTRAO	22/05/2009	MUMBAI
5	268706	2533/MUM/2011	09/09/2011		COMPOSITION FOR GENERATION OF HYDROGEN BY THERMAL DECOMPOSITION OF AMMONIA BORANE (AB) USING SILICON NANOPARTICLES AS CATALYST.	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	15/03/2013	MUMBAI
6	268711	681/MUMNP/200 7	17/10/2005	15/10/2004	AN IMPROVED SPACER	CIPLA LIMITED	20/07/2007	MUMBAI
7	268713	1561/MUMNP/20 09	06/03/2008	06/03/2007	READ DISTURB REDUCTION CIRCUIT FOR SPIN TRANSFER TORQUE MAGNETORESISTIVE RANDOM ACCESS MEMORY	QUALCOMM INCORPORATED	23/04/2010	MUMBAI
8	268723	830/MUMNP/200 8	17/10/2006	17/10/2005	METHOD AND APPARATUS FOR MANAGING DATA FLOW THROUGH A MESH NETWORK	QUALCOMM INCORPORATED	27/06/2008	MUMBAI
9	268729	1136/MUMNP/20 10	05/11/2007	05/11/2007	TETRIACYCLODIPYRA NYL COUMARIN COMPOUND	INSTITUTE OF MATARIA MEDICA CHINESE ACADEMY OF MEDICAL SCIENCES	24/09/2010	MUMBAI

10	268731	1087/MUMNP/20 08	29/11/2006	01/12/2005	METHOD FOR THE PRODUCTION OF BLOCK COPOLYCARBONATE/ PHOSPHONATES AND COMPOSITIONS THEREFROM	FRX POLYMERS, INC.	08/08/2008	MUMBAI
11	268737	1385/MUM/2008	03/07/2008	26/07/2007	POWER SEMICONDUCTOR MODULE	SEMIKRON ELEKTRONIK GMBH & CO. KG	19/06/2009	MUMBAI
12	268738	453/MUM/2008	05/03/2008		SYSTEM FOR PARAMETERIZATION OF RELEASE OF CIRCUIT BREAKER	LARSEN & TOUBRO LIMITED	03/04/2009	MUMBAI
13	268743	744/MUMNP/200 9	21/09/2007	21/09/2006	A REPEATER CONFIGURATION FOR MITIGATING OSCILLATIONS BETWEEN REPEATERS	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
14	268756	609/MUMNP/200 3	19/11/2001	17/11/2000	AUTOMATIC SPRAY DISPENSER	S.C.JOHNSON & SON, INC.	28/07/2006	MUMBAI
15	268778	2099/MUM/2008	29/09/2008 16:26:44	22/02/2008	DEVELOPER CARTRIDGE, DEVELOPING UNIT AND IMAGE FORMING APPARATUS HAVING THE SAME	SAMSUNG ELECTRONICS CO., LTD.	07/11/2008	MUMBAI
16	268787	586/MUM/2008	24/03/2008		AN ARRANGEMENT FOR CONTROLLING IDLE SPEED OF AN ENGINE	TATA MOTORS LIMITED	16/05/2008	MUMBAI
17	268792	855/MUMNP/200 8	27/10/2006	27/10/2005	METHOD AND APPARATUS FOR ACHIEVING FLEXIBLE BANDWIDTH USING VARIABLE GUARD BANDS	QUALCOMM INCORPORATED	11/07/2008	MUMBAI

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1	268689	2600/CHENP/2008	25/10/2006	26/10/2005	A BULK CATALYST COMPOSITION AND A PROCESS PREPARING THE BULK CATALYST COMPOSITION	ALBEMARLE NETHERLANDS B.V	06/03/2009	CHENNAI
2	268691	1272/CHE/2009	02/06/2009 12:58:59	04/07/2008	SCREWCAP	PROTECHNA S.A.	04/06/2010	CHENNAI
3	268692	878/CHE/2007	26/04/2007		FEMININE URINATION DEVICE	PADMANABHAN MAHALINGAM	28/11/2008	CHENNAI
4	268696	1310/CHENP/2008	14/09/2006	16/09/2005	A WIRELESS COMMUNICATION NETWORK AND A METHOD OF WIRELESS COMMUNICATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/11/2008	CHENNAI
5	268703	1967/CHENP/2009	12/09/2007	12/09/2006	PRESSURE COMPENSATED PUMP	SPX CORPORATION	21/08/2009	CHENNAI
6	268710	451/CHE/2010	22/02/2010 15:22:43	24/02/2009	STARTER-MOTOR ARRANGEMENT STRUCTURE OF INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO., LTD.	03/09/2010	CHENNAI
7	268716	203/CHENP/2009	12/06/2007	12/06/2006	WIND ENERGY INSTALLATION WITH AN AUTONOMOUS ENERGY SUPPLY FOR A BLADE ADJUSTMENT DEVICE	Senvion SE	05/06/2009	CHENNAI
8	268717	1281/CHENP/2008	14/09/2006	15/09/2005	CONTROL OF POLYMER ARCHITECTURE AND MOLECULAR WEIGHT DISTRIBUTION VIA MULTI-CENTERED SHUTTLING AGENT	DOW GLOBAL TECHNOLOGIES , LLC	28/11/2008	CHENNAI
9	268718	6485/CHENP/2009	31/03/2008	04/04/2007	STRENGTH MEMBER FOR AN AUTOMOBILE BODY, FRONT SIDE MEMBER, AND SIDE STRUCTURE FOR AN AUTOMOBILE BODY	NIPPON STEEL & SUMITOMO METAL CORPORATION	26/02/2010	CHENNAI

10	268719	3613/CHENP/2008	14/11/2006	15/12/2005	FLUID VALVE BODIES AND METHODS OF MANUFACTURE	FISHER CONTROLS INTERNATIONAL LLC	13/03/2009	CHENNAI
11	268720	444/CHENP/2008	18/07/2006	27/07/2005	POLYMERIZATION PROCESS FOR PREPARING POLYOLEFINS	BASELL POLIOLEFINE ITALIA S.R.L	19/09/2008	CHENNAI
12	268721	7234/CHENP/2008	12/06/2007	13/06/2006	METHODS AND SYSTEMS FOR ACCESSING NUMBER PORTABILITY (NP) AND E.164 NUMBER (ENUM) DATA A COMMON NP/ENUM DATA LOCATOR STRUCTURE	TEKELEC, INC.	21/08/2009	CHENNAI
13	268724	2893/CHENP/2008	08/11/2006	10/11/2005	DIESEL PARTICULATE FILTERS HAVING ULTRA-THIN CATALYZED OXIDATION COATINGS	BASF CORPORATION	06/03/2009	CHENNAI
14	268730	2538/CHE/2007	05/11/2007		A METHOD FOR PRINTING DIFFERENT DATA BLOCKS IN A SINGLE DOCUMENT BY SELECT AND APPEND METHOD	SAMSUNG R&D INSTITUTE INDIA - BANGALORE Pvt. Ltd.	11/09/2009	CHENNAI
15	268732	3067/CHENP/2007	06/01/2006	11/01/2005	A DECODER FOR GENERATING A MULTI CHANNEL AUDIO SIGNAL AND AN ENCODER FOR ENCODING A MULTI CHANNEL AUDIO SIGNAL THEREOF	KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
16	268733	2032/CHENP/2008	20/10/2006	24/10/2005	AN OPTICAL CONNECTOR FOR TERMINATING AN OPTICAL FIBER	3M INNOVATIVE PROPERTIES COMPANY	27/02/2009	CHENNAI
17	268742	3484/CHENP/2008	07/05/2004	12/05/2003	SOFT HANDOFF WITH INTERFERENCE CANCELLATION IN A WIRELESS FREQUENCY HOPPING COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	06/03/2009	CHENNAI
18	268745	10/CHENP/2008	21/06/2006	01/07/2005	SULPHONIUM SALT INITIATORS	BASF SE	22/08/2008	CHENNAI

19	268751	5342/CHENP/2009	15/02/2008	15/02/2007	INTERFERENCE VARIANCE ESTIMATION FOR SIGNAL DETECTION	Nokia Corporation	18/06/2010	CHENNAI
20	268758	343/CHE/2009	17/02/2009 16:05:44	21/02/2008	MOTORCYCLE	HONDA MOTOR CO., LTD.	11/09/2009	CHENNAI
21	268765	190/CHENP/2009	25/06/2007	30/06/2006	A METHOD FOR OPERATING A RELAY IN A COMMUNICATIONS NETWORK	NOKIA CORPORATION	05/06/2009	CHENNAI
22	268769	341/CHENP/2009	29/05/2007	19/06/2006	IMAGE PROCESSING APPARATUS AND CONTROL METHOD THEREOF	CANON KABUSHIKI KAISHA	05/06/2009	CHENNAI
23	268770	5471/CHENP/2007	26/04/2006	29/04/2005	SEMICONDUCTOR DEVICE WITH AN IMAGE SENSOR AND METHOD FOR THE MANUFACTURE OF SUCH A DEVICE	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/03/2008	CHENNAI
24	268774	3135/CHENP/2008	19/12/2006	21/12/2005	BROMINATED ANIONIC STYRENIC POLYMERS AND THEIR PREPARATION	ALBEMARLE CORPORATION	06/03/2009	CHENNAI
25	268775	4714/CHENP/2007	23/03/2006	23/03/2005	A DIGITAL PEN	QUALCOMM INCORPORATED	11/01/2008	CHENNAI
26	268777	1489/CHENP/2009	13/08/2007	18/08/2006	PROCESS FOR PRODUCTION OF TRANS-2,2- DIMETHYL-3- FORMYLCYCLOPROP ANECARBOXYLIC ACID ESTER	SUMITOMO CHEMICAL COMPANY, LIMITED	21/08/2009	CHENNAI
27	268779	4450/CHENP/2007	08/03/2006	08/03/2005	A METHOD FOR ACHIEVING AN ULTRA-NARROW BANDWIDTH RADIO FREQUENCY COMMUNICATION LINK	APPLIED RESEARCH ASSOCIATES, INC.	25/01/2008	CHENNAI
28	268782	4711/CHENP/2007	24/04/2006	25/04/2005	A METHOD FOR GROUP KEY GENERATION	NOKIA CORPORATION	11/01/2008	CHENNAI
29	268784	1962/CHENP/2009	20/09/2007	25/09/2006	PROTECTING INTERFACES ON PROCESSOR ARCHITECTURES	NOKIA CORPORATION	14/08/2009	CHENNAI
30	268786	915/CHENP/2008	24/08/2006	26/08/2005	FILTRATION TRAY FOR FIXED BED REACTOR WITH A CO-CURRENT DOWN- FLOW OF GAS AND LIQUID	INSTITUT FRANCAIS DU PETROLE	09/01/2009	CHENNAI

31	268788	722/CHE/2008	27/01/2000	29/01/1999	A METHOD FOR BLENDING A COMBINATION OF PETROLEUM REFINERY STREAMS	EXXONMOBIL OIL CORPORATION	21/08/2009	CHENNAI
32	268789	7072/CHENP/2008	23/05/2007	23/05/2006	CHIRAL LIGANDS, METAL COMPLEXES OF TRANSITION METALS COMPRISING THE CHIRAL LIGANDS AND PROCESS THEREOF	SOLVIAS AG	03/04/2009	CHENNAI
33	268790	5612/CHENP/2008	29/07/2003	31/07/2002	HIGHLY SELECTIVE SHELL IMPREGNATED CATALYST OF IMPROVED SPACE TIME YIELD OF PRODUCTION OF VINYL ACETATE	SAUDI BASIC INDUSTRIES CORPORATION	20/03/2009	CHENNAI
34	268796	482/CHENP/2008	19/07/2006	29/07/2005	A METHOD FOR PROTECTING BODY- CARE PRODUCTS AND HOUSEHOLD PRODUCTS	BASF SE	19/09/2008	CHENNAI

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1	268690	1670/KOLNP/2008	10/11/2006	02/11/2005	A TONER	RICOH COMPANY, LTD.	26/12/2008	KOLKATA
2	268693	2263/KOLNP/2008	12/12/2006	12/12/2005	PROCESS FOR PRODUCING A HYDROCARBON COMPONENT	NESTE OIL OYJ	16/01/2009	KOLKATA
3	268694	455/KOLNP/2008	04/07/2005	04/07/2005	AN IMPROVED REPEATER ANTENNA	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	17/10/2008	KOLKATA
4	268699	2576/KOLNP/2010	18/12/2008	21/12/2007	INKJET RECORDING INK, INK CARTRIDGE, INKJET RECORDING METHOD, INKJET RECORDING APPARATUS, AND INK RECORDED MATTER	RICOH COMPANY, LTD.	24/09/2010	KOLKATA
5	268700	1218/KOL/2008	17/07/2008 16:13:51	17/07/2007	VEHICLE ELECTRIC CURRENT CONNECTOR ASSEMBLY WITH ELECTRIC CURRENT SENSORS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
6	268702	4523/KOLNP/2009	02/07/2008	03/07/2007	1-(AZOLIN-2-YL) AMINO-1,2 - DIPHENYLETHANE COMPOUNDS FOR COMBATING ANIMAL PESTS	BASF SE	23/04/2010	KOLKATA
7	268707	2361/KOLNP/2009	20/12/2007	21/12/2006	THIN CONDOM	LRC PRODUCTS LIMITED	10/07/2009	KOLKATA
8	268715	2171/KOLNP/2006	11/02/2005	13/02/2004	TRANSMITTING AND RECEIVING CONTROL INFORMATION FOR MULTIMEDIA BRODCAST/MULTICAS T SERVICE IN MOBILE COMMUNICATION SYSTEM.	LG ELECTRONICS INC.	18/05/2007	KOLKATA
9	268722	466/KOL/2005	02/06/2005	02/06/2004	AN IMPLANTABLE ADJUSTABLE SPHINCTER SYSTEM FOR TREATMENT OF A MEDICAL CONDITION	ETHICON ENDO- SURGERY, INC.	29/12/2006	KOLKATA

10	268725	1012/KOL/2008	10/06/2008	29/06/2007	AN APPARATUS FOR THE MANUFACTURE OF A SPUNBOND WEB MADE OF FILAMENTS	REIFENHAUSER GMBH & CO. KG. MASCHINENFABRIK	24/04/2009	KOLKATA
11	268726	4879/KOLNP/2007	06/06/2006	01/07/2005	PHYSIOLOGICAL SUPPLEMENT OR MEDICAMENT FOR OPHTHALMIC USE AS EYE-DROPS	SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.	18/07/2008	KOLKATA
12	268727	1238/KOLNP/2007	24/08/2005	29/09/2004	THERMALLY SENSITIVE RECORDING MEDIUM	NIPPON PAPER INDUSTRIES CO., LTD.	20/07/2007	KOLKATA
13	268728	811/KOLNP/2007	12/08/2005	28/08/2004	DEVICE FOR RECEIVING LIQUIDS IN AN AIRCRAFT AND/OR RELEASING LIQUIDS THEREFROM	ZOLTAN VON MOHOS	03/04/2009	KOLKATA
14	268734	3801/KOLNP/2009	30/04/2008	24/05/2007	A PROCESS FOR THE PREPARATION OF 1,4- DIALKYL-2,3-DIOL-1,4- BUTANEDIONE	FIRMENICH SA	12/02/2010	KOLKATA
15	268739	193/KOL/2007	07/02/2007		A METHOD OF PREPARING A PRE- SOLDERED AND PRE- MOLDED SENSOR STRAIN GAUGE FOR MEASUREMENT OF APPLIED STRESS ON A COMPONENT	BHARAT HEAVY ELECTRICALS LIMITED,	22/08/2008	KOLKATA
16	268740	1034/KOLNP/2009	11/09/2006	11/09/2006	METHOD AND SYSTEM FOR OPTIMIZED READING OF A RADIO FREQUENCY COMMUNICATION TRANSPONDER WITH THE AID OF A PASSIVE RESONANT CIRCUIT	GEMALTO S.A.	22/05/2009	KOLKATA
17	268747	2557/KOLNP/2008	28/11/2006	28/11/2005	ORGANIC/INORGANIC COMPOSITE POROUS MEMBRANE AND ELECTROCHEMICAL DEVICE USING THE SAME	LG CHEM, LTD	30/01/2009	KOLKATA
18	268752	49/KOL/2008	07/01/2008	31/01/2007	METHOD AND APPARATUS FOR MONITORING AN INTAKE AIR FILTER	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
19	268753	1266/KOLNP/2007	21/09/2005	15/10/2004	APPARATUS AND METHOD FOR GENERATING A CODED VIDEO SEQUENCE BY USING AN INTERMEDIATE LAYER MOTION DATA PREDICTION	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	20/07/2007	KOLKATA

20	268754	350/KOLNP/2007	19/07/2005	02/08/2004	CATALYTIC CONVERTER AND ASSOCIATED METHOD OF ASSEMBLY	FAURECIA EMMISSIONS CONTROL TECHNOLOGIES,USA, LLC	06/07/2007	KOLKATA
21	268755	80/KOL/2008	10/01/2008	31/01/2007	TORQUE-TRANSMITTING ASSEMBLY WITH DOG CLUTCH AND HYDROSTATIC DAMPER AND ELECTRICALLY VARIABLE TRANSMISSION WITH SAME	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
22	268760	2147/KOLNP/2006	12/01/2005	13/01/2004	EMISSION ABATEMENT ASSEMBLY AND METHOD OF OPERATING THE SAME	ARVIN TECHNOLOGIES, INC.	18/05/2007	KOLKATA
23	268761	2148/KOLNP/2006	12/01/2005	13/01/2004	EMISSION ABATEMENT ASSEMBLY AND METHOD OF OPERATING THE SAME	ARVIN TECHNOLOGIES, INC.	18/05/2007	KOLKATA
24	268762	815/KOL/2005	06/09/2005	14/12/2004	APPRATUS IN SPINNING PREPARATION FOR FEEDING A PLURALITY OF CHARGING SHAFTS, ESPECIALLY A MIXER, WITH FIBRE MATERIAL	TRUTZSCHLER GMBH & CO. KG.	12/01/2007	KOLKATA
25	268776	467/KOLNP/2008	07/09/2006	08/09/2005	METHOD AND PROTOCOL FOR HANDLING ACCESS ATTEMPTS FOR COMMUNICATIONS SYSTEMS	LG ELECTRONICS INC.	08/08/2008	KOLKATA
26	268785	329/KOLNP/2009	12/07/2007	26/07/2006	CAMPTOTHECIN DERIVATIVES WITH ANTITUMOR ACTIVITY	INDENA S.P.A.	08/05/2009	KOLKATA
27	268791	1151/KOL/2008	01/07/2008	31/07/2007	AN IMPROVED AND COMPACT MULTIPLE SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
28	268794	824/KOLNP/2007	06/09/2005	06/09/2004	METHOD FOR PRODUCING SOFT MAGNETIC METAL POWDER COATED WITH MG- CONTAINING OXIDIZED FILM AND METHOD FOR PRODUCING COMPOSITE SOFT MAGNETIC MATERIAL USING SAID POWDER	MITSUBISHI MATERIALS PMG CORPORATION,DIAM ET CORPORATION	13/07/2007	KOLKATA
29	268795	694/KOL/2006	11/07/2006		POWER DRIVEN BRUSH FOR CLEANING BEND COMMODE CHUTE OF TRAIN COACH LAVATORY.	MANJUL MONI GOSWAMI	01/02/2008	KOLKATA

30	268797	2848/KOLNP/2007	23/01/2006	21/01/2005	PUSH-BUTTON OPERATED ROCKER SWITCH	CLIPSAL ASIA HOLDINGS LIMITED	14/09/2007	KOLKATA
31	268806	1336/KOLNP/2007	16/06/2005	29/10/2004		ETHICON ENDO- SURGERY, INC	20/07/2007	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 Design stands in the name of NOKIA CORPORATION registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
267450	14-02	NOKIA TECHNOLOGIES
		OY, A COMPANY ORGANIZED AND
		EXISTING UNDER THE
		LAWS OF FINLAND OF THE ADDRESS
		KARAPORTTI 3, 02610
		ESPOO, FINLAND

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of PIRAMAL ENTERPRISES LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
264834	24-01	DIASYS DIAGNOSTICS
204034	24-01	INDIA PRIVATE
		LIMITED HAVING
		NATIONALITY OF
		INDIA OF THE ADDRESS
		UNIT NO. 3B-33 & 34,
		3RD FLOOR, PHOENIX
		PARAGON PLAZA, LBS
		MARG, KURLA (WEST),
		MUMBAI-400 070, INDIA

The Design stands in the name of PIRAMAL ENTERPRISES LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
262280	24-01	DIASYS DIAGNOSTICS
		INDIA PRIVATE
		LIMITED HAVING
		NATIONALITY OF
		INDIA OF THE ADDRESS
		UNIT NO. 3B-33 & 34,
		3RD FLOOR, PHOENIX
		PARAGON PLAZA, LBS
		MARG, KURLA (WEST),
		MUMBAI-400 070, INDIA

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of PIRAMAL HEALTHCARE LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
245389	24-02	DIASYS DIAGNOSTICS
		INDIA PRIVATE
		LIMITED HAVING
		NATIONALITY OF
		INDIA OF THE ADDRESS
		UNIT NO. 3B-33 & 34,
		3RD FLOOR, PHOENIX
		PARAGON PLAZA, LBS
		MARG, KURLA (WEST),
		MUMBAI-400 070, INDIA

The Design stands in the name of PIRAMAL ENTERPRISES LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
249767	24-02	DIASYS DIAGNOSTICS INDIA PRIVATE LIMITED HAVING NATIONALITY OF
		INDIA OF THE ADDRESS UNIT NO. 3B-33 & 34, 3RD FLOOR, PHOENIX PARAGON PLAZA, LBS MARG, KURLA (WEST), MUMBAI-400 070, INDIA

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of CHONGQING YUAN INNOVATION TECHNOLOGY (GROUP) CO. LTD registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
203243	12-08	CHONGQING SOKON
		INDUSTRY GROUP
		STOCK CO., LTD.
		HAVING ADDRESS AT
		NO. 61-1, JINQIAO
		ROAD, SHAPINGBA
		DISTRICT, CHONGQING,
		CHINA

The Design stands in the name of DE BOREICHA ESTABLISHMENT registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
206759	10-07	BARIGNA S.A., A COMPANY ORGANIZED UNDER THE LAWS OF
		SWITZERLAND, HAVING ITS PRINCIPLE PLACE OF BUSINESS AT C/O MR. CHRISTOPHE
		CATTANEO, 17, BD HELVETIQUE, 1207 GENEVA, SWITZERLAND

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of ILLINOIS TOOL WORKS, INC. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
233403	15-09	GEMA SWITZERLAND
233404		GMBH, A COMPANY
233405		ORGANIZED UNDER
		THE LAWS OF
		SWITZERLAND,
		HAVING ITS OFFICE AT
		MOVENTRASSE 17, 9015
		ST. GALLEN,
		SWITZERLAND

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

(01)

"The Asstt. Controller of Patents & Designs by his order dated 4/9/2015 in respect of petition for cancellation filed by Colgate-Palmolive Company, 300 Park Avenue, New York 10022, USA on 6/12/2004, cancelled the registration of registered Design No. 191194 dated 4/2 2003 under class 04-02 titled as "Tooth Brush" in the name of Anchor Health & Beauty Care Pvt. Ltd., Plot No.G-9, Cross Road, "A", M.I.D.C., Andheri (E), Mumbai – 400093, Maharashtra, India, a Pvt. Ltd. Company incorporated under the Indian Companies Act., of above address."

(02)

"The Asstt. Controller of Patents & Designs by his order dated 14/9/2015 in respect of petition for cancellation filed by Mr. Gigaram M. Patel, an Indian national sole proprietor of M/s. Rejeshwar Metal, an Indian proprietorship firm having its principal place of business at Plot No.30, Neelkanth Avenue, Nr. Kailash Estate, Ring Road, Odhav, Ahmedabad – 382415, Gujarat, India on 07/03/2011, cancelled the registration of registered Design No. 225589 dated 03/11/2009 under class 07-02 titled as 'Utensil' in the name of M/s. Garuda Overseas, 13, Mangal Murti Complex, Opposite City Gold, Ashram Road, Ahmedabad – 09, Gujarat, Indian."

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		269999	
CLASS		15-09	ы п
1)YASHWANT INDUSTRIES, INI W-38, MIDC, WALUJ, AURANG		FIRM,	
DATE OF REGISTRATION	02	2/03/2015	
TITLE	TUBE NOT	CHING MACHINE	-14
PRIORITY NA			Yeshwant
DESIGN NUMBER		272177	
CLASS		21-02	
1) DR. MADHUSOODAN PURUSE BUILDING NO. D-3, FLAT NO. 6 OPP. ANNASAHEB MAGAR STADI MAHARASHTRA, INDIA, AN INDIA	02, SWAPNANAGARI UM, UDYAM NAGAR,		
DATE OF REGISTRATION	18	3/05/2015	
TITLE	EXERC	ISE BICYCLE	
PRIORITY NA			
DESIGN NUMBER		269462	
CLASS		14-02	
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, AMERICA, A CORPORATION INCO			
DATE OF REGISTRATION	10	0/02/2015	
TITLE	WEARABLE E	LECTRONIC DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/499,081	11/08/2014	U.S.A.	

DESIGN NUMBER	269561
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	12/02/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	270775
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANDIMAN SUK MILL COMPOUND, KANDURMARG (WEST)

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271689
CLASS	11-02

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	27/04/2015	
TITLE	TABLE CENTREPIECE	



PRIORITY NA

PRIORITY NUMBER CN 201530040176.5 DESIGN NUMBER CLASS 1)P. J. ANOOP NISHANTH, AN INSPEED DESIGNS, WHOSE ADDRES NO. 451/A, MRH ROAD, MOOLA	NDIAN NATIONAL, T ESS IS AKADAI, CHENNAI, P	CHINA 272199 12-11 FRADING AS MAXX	
SPEED DESIGNS, WHOSE ADDRE	NDIAN NATIONAL, T	CHINA 272199 12-11 FRADING AS MAXX	
PRIORITY NUMBER CN 201530040176.5 DESIGN NUMBER CLASS		CHINA 272199 12-11	
PRIORITY NUMBER CN 201530040176.5 DESIGN NUMBER	<u> </u>	CHINA 272199	
PRIORITY NUMBER CN 201530040176.5	<u> </u>	CHINA	
PRIORITY NUMBER	10/02/2015		
PRIMBITY	DATE	COUNTRY	
		IM HONE	
TITLE	09/04/2015 EARPHONE		
LAWS OF CHINA OF F14 EAST BLOCK TIANLIAO BU PARK), XUEYUAN ROAD, NANSHA CHINA DATE OF REGISTRATION	JILDING (NEW MATE AN DISTRICT SHENZI	RIALS INDUSTRIAL	
1)1MORE INC., A COMPANY DU	⊥ JLY ORGANIZED AN		
CLASS		14-01	
DESIGN NUMBER		271283	
001161699	04/08/2009	OHIM	
PRIORITY NUMBER	DATE	COUNTRY	
PRIORITY		1	
	AP	PARATUS	
TITLE	COVERING PLATE FOR ELECTRIAL		
DATE OF REGISTRATION	29/01/2010		
VIA MESSINA, 38-20154 MILAN	O ITALY. AN ITALIA	N COMPANY	
1)BTICINO S.P.A.		13-03	
CLASS 1)BTICINO S.P.A.		227006	

PRIORITY NA

DESIGN NUMBER	269563
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.
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DATE OF REGISTRATION	12/02/2015
TITLE	TEXTILE FABRIC

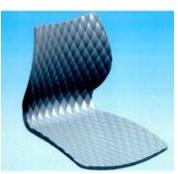


PRIORITY NA

DESIGN NUMBER	271739
CLASS	06-01
1)EXCLUSIFF SEATING SYSTEMS, A REGISTERED PARTNERSHIP FIRM AT	
MITTAL IND. ESTATE, BLDG. No	O 6, UNIT NO 149-150, ANDHERI KURLA ROAD,

1)EXCLUSIFF SEATING SYSTEMS, A REGISTERED PARTNERSHIP FIRM AT MITTAL IND. ESTATE, BLDG. NO 6, UNIT NO 149-150, ANDHERI KURLA ROAD, ANDHERI EAST, MUMBAI 400059, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE VICKY PARWANI AND KAMLESH PARWANI, BOTH INDIAN NATIONALS

DATE OF REGISTRATION	27/04/2015
TITLE	CHAIR



PRIORITY NA

DESIGN NUMBER	271334
CLASS	03-01

1)MR. MAHESH S. SHETHIA, SOLE PROPERITOR OF KRUPA INDUSTRIES-AN INDIAN COMPANY,

228-B, BOMBAY TALKIES COMPOUND, MALAD (WEST), MUMBAI-400064, MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/04/2015
TITLE	MONEY BOX



DESIGN NUMBER	269507	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED	
DATE OF REGISTRATION	11/02/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		C. C. C. P. P. B. C.
DESIGN NUMBER	269566	
CLASS	05-05	
DATE OF REGISTRATION TITLE	ANDESARA, SURAT-394221 GUJARAT 12/02/2015 TEXTILE FABRIC	
PRIORITY NA		
	270791	
DESIGN NUMBER	270791 05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE	05-05 E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST),	
DESIGN NUMBER CLASS 1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK	05-05 E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST),	

DESIGN NUMBER	222434
CLASS	11-05
1)INSCRIPT L.L.C. 955 MASSACHUSETTS AVENUE #351, CAMBRIDGE, MA 02138, U.S.A.	
DATE OF REGISTRATION 16/04/2009	

ARTICALE OF ADORNMENT



PRIORITY NA

TITLE

DESIGN NUMBER	271084
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271577
CLASS	02-04

1)M/S. AEROBOK SHOE PVT. LTD.,

1459, M.I.E., PART-II, BAHADURGARH-124507 [HARYANA], INDIA [AN INDIAN PRIVATE LIMITED COMPANY]

DATE OF REGISTRATION	21/04/2015
TITLE	FOOTWEAR



DESIGN NUMBER	267948
CLASS	12-09

1)ESCORTS LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT SCO-232, 1ST FLOOR, SECTOR-20, PANCHKULA-134109, HARYANA, INDIA

AND HAVING CORPORATE OFFICE AT 15/5, MATHURA ROAD, FARIDABAD-121003

DATE OF REGISTRATION	05/12/2014
TITLE	TRACTOR



PRIORITY NA

DESIGN NUMBER	268097
CLASS	07-01

1)TOKYO PLAST INTERNATIONAL LTD., VYOM ARCADE, 5TH FLOOR, ABOVE UNITED BANK OF INDIA, TEJPAL SCHEME ROAD NO. 5, VILE PARLE (E), MUMBAI-400057, STATE OF MAHARASHTRA INDIA, /

A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT., OF ABOVE ADDRESS

DATE OF REGISTRATION	10/12/2014
TITLE	WATER JUG



PRIORITY NA

DESIGN NUMBER	270651
CLASS	11-01
	N NATIONAL WHOSE ADDRESS IS LOOR, ZAVERI BAZAR, MUMBAI 400002,

DATE OF REGISTRATION	27/03/2015
TITLE	CHAIN



DESIGN NUMBER	270554
CLASS	09-07
1)DAIZCON DDUCC & DUADMAC	ELITICAL CIDATEL TO AN INDIAN COMPANY

1)BAKSON DRUGS & PHARMACEUTICALS PVT LTD., AN INDIAN COMPANY, OF

A-51, SOUTH EXTENSION PART-1, NEW DELHI 110049, (INDIA)

DATE OF REGISTRATION	25/03/2015
TITLE	A BOTTLE CAP



PRIORITY NA

DESIGN NUMBER	272114
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE
PRIORITY NA	



PRIORITY NA

DESIGN NUMBER	269571	
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

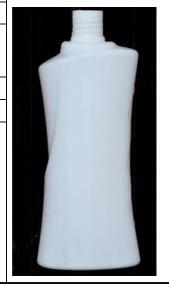
DATE OF REGISTRATION	12/02/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	270809
CLASS	09-01
1)MRS. B KAVITHA, HAVING ADDRESS AT 30/1 VINAYAGAR KOVII STREET BHARATHI NAGAR MOOLAPALAYAM	

30/1, VINAYAGAR KOVIL STREET, BHARATHI NAGAR, MOOLAPALAYAM, ERODE (RURAL)-638002, ERODE DISTRICT, TAMIL NADU

DATE OF REGISTRATION	31/03/2015
TITLE	CONTAINER



PRIORITY NA

DESIGN NUMBER	265626
CLASS	24-01
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED	

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION		11/09/2014	
TITLE	SURGIC	AL MESH IMPLANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER	27	71090	
001405716-0007	12/03/2014	OHIM	
I MORIT I NOWIDER	DATE	COUNTRI	



R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	

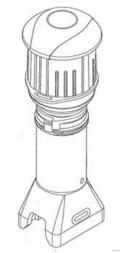


DESIGN NUMBER	267971
CLASS	13-03

1)PENTAIR THERMAL MANAGEMENT LLC,

307 CONSTITUTION DRIVE, MENLO PARK, CA 94025, U.S.A., NATIONALITY: U.S.A.

DATE OF REGISTRATION	05/12/2014
TITLE	SIGNAL LAMP



PRIORITY

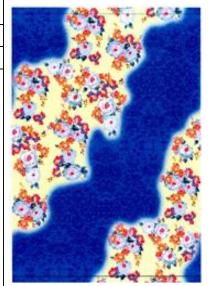
PRIORITY NUMBER	DATE	COUNTRY
29/493,147	05/06/2014	U.S.A.

DESIGN NUMBER	269444
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	10/02/2015
TITLE	TEXTILE FABRIC



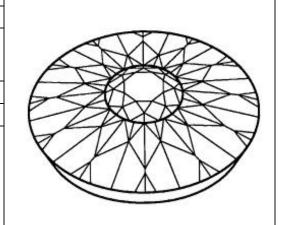
PRIORITY NA

DESIGN NUMBER	263632
CLASS	11-01
1) CROSSEOD CO. LTD. HAVING NATIONALITY OF LADAN OF THE	

1)CROSSFOR CO., LTD., HAVING NATIONALITY OF JAPAN OF THE ADDRESS

1-2-60 ASAKE, KOFU-CITY, YAMANASHI, 400-0862, JAPAN

DATE OF REGISTRATION	24/06/2014
TITLE	JEWELLERY FOR ORNAMENT



DESIGN NUMBER	269565
CLASS	05-05
UNDER THE PROVISION OF COM REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED IPANIES ACT, 1956 HAVING ITS ANDESARA, SURAT-394221 GUJARAT.
DATE OF REGISTRATION	12/02/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	270789
OT LOG	05-05
COMPANY INCORPORATED UND	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA
1)M/S. BIBA APPARELS PRIVATION COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST),
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION TITLE	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA 30/03/2015
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION FITLE PRIORITY NA	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA 30/03/2015
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA 30/03/2015 TEXTILE FABRIC
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MR. SIDDHARATH BINDRA (INCHANDER BINDRA,	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA 30/03/2015 TEXTILE FABRIC
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-40007 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MR. SIDDHARATH BINDRA (INCHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA 30/03/2015 TEXTILE FABRIC 271083 05-05 NDIAN INHABITANT) S/O LATE SHRI SATISH

	ESIGN NUMBER	271574
CLASS 02-04	LASS	02-04

1)M/S. AEROBOK SHOE PVT. LTD.,

1459, M.I.E., PART-II, BAHADURGARH-124507 [HARYANA], INDIA [AN INDIAN PRIVATE LIMITED COMPANY]

DATE OF REGISTRATION	21/04/2015
TITLE	FOOTWEAR



PRIORITY NA

DESIGN NUMBER	270569
CLASS	23-04

1)BAJAJ ELECTRICALS LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT,

45/47, VEER NARIMAN ROAD, MUMBAI 400023, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	25/03/2015
TITLE	AIR COOLER



PRIORITY NA

DESIGN NUMBER	269434
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED	

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	10/02/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	270787
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE,

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	269564
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	12/02/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	269665
CLASS	13-03

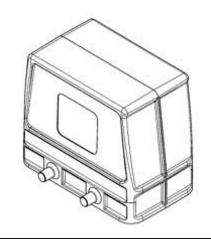
1)HARTING ELECTRIC GMBH & CO. KG., A CORPORATION ORGANIZED AND EXISTING UNDER THE GERMAN LAW, OF

WILHELM-HARTING-STRAßE 1, 32339, ESPELKAMP, GERMANY

DATE OF REGISTRATION	18/02/2015
TITLE	PLUG CONNECTOR HOUSING



PRIORITY NUMBER	DATE	COUNTRY
002557777-0002	15/10/2014	OHIM



DESIGN NUMBER			271741	
CLASS			06-01	
MITTAL IND. ESTATE, I ANDHERI EAST, MUMBAI	BLDG. N 400059, 1	O 6, UNIT I MAHARAS	ISTERED PARTNERSHIP FIRM AT NO 149-150, ANDHERI KURLA ROAD SHTRA, INDIA, WHOSE PARTNERS VANI, BOTH INDIAN NATIONALS.	o,
DATE OF REGISTRATION			27/04/2015	L
TITLE			CHAIR	
PRIORITY NA				/ / \
DESIGN NUMBER			271319	
CLASS			15-05	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA, A CO	ONGTON	G-GU, SU	WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA	
DATE OF REGISTRATION	,		10/04/2015	
TITLE		WASH	BOARD FOR WASHING MACHINE	
PRIORITY		1	_	
PRIORITY NUMBER	DA	TE	COUNTRY	
30-2014-0048842 10/		10/2014	REPUBLIC OF KOREA	
DESIGN NUMBER		268007		
CLASS		05-05		1
UNDER THE PROVISION (REGISTERED OFFICE AT	OF COM	IPANIES A	A, SURAT-394221 GUJARAT	
TITLE		09/12/2014 TEXTILE FABRIC		
PRIORITY NA				

DESIGN NUMBER	270648	
CLASS	11-01	
1)MR. MANISH JAIN; AN INDIAN NATIONAL WHOSE ADDRESS IS		
127/129, BHAGAT BLDG, 2ND FLOOR, ZAVERI BAZAR, MUMBAI 400002,		
MAHARASHTRA, INDIA		

27/03/2015

CHAIN



PRIORITY NA

TITLE

DATE OF REGISTRATION

DESIGN NUMBER 272111	
CLASS 08-06	
1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED	

UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF **BUSINESS AT ADDRESS:**

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE
DDIODITY NA	



DESIGN NUMBER	268924
CLASS	12-16

1)SWISS AUTO PVT. LTD.,

B-2, S.M.A. INDUSTRIAL ESTATE G.T. KARNAL ROAD, DELHI-110033 AN INDIAN COMPANY

TITLE BACK LIGHT FOR TWO AND THREE	DATE OF REGISTRATION	19/01/2015
WHELLERS	TITLE	BACK LIGHT FOR TWO AND THREE WHELLERS



DESIGN NUMBER	269568
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	12/02/2015
TITLE	TEXTILE FABRIC

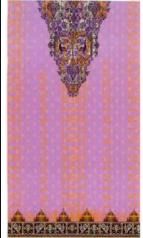


PRIORITY NA

270795
05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	30/03/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	271087
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	

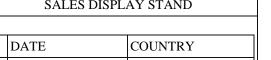


DESIGN NUMBER	268103
CLASS	20-02
1)PIAGGIO & C. S.P.A., A CORPORATION ORGANIZED AND EXISTING	

UNDER THE LAWS OF ITALY, OF

VIALE RINALDO PIAGGIO, 25-56025 PONTEDERA (PISA-ITALY)

DATE OF REGISTRATION	10/12/2014	
TITLE	SALES DISPLAY STAND	
PRIORITY		



OHIM



DESIGN NUMBER	272120
CLASS	08-06

11/06/2014

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF **BUSINESS AT ADDRESS:**

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	HANDLE



PRIORITY NA

PRIORITY NUMBER

002480095

DESIGN NUMBER	269575
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	12/02/2015	
TITLE	TEXTILE FABRIC	



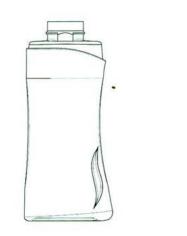
DESIGN NUMBER		249066	
CLASS	02-07		4
1)SHRI SANDEEP JAIN & SM TRADING AS M/S KNITPRO IN PLOT NO. PA - 010 - 001 & 01 SPECIAL, ECONOMIC ZONE, JA	TERNATIONAL, 4, ENGINEERING ZONE	TH INDIAN NATIONAL E, MAHINDRA WORLD O	10
DATE OF REGISTRATION		29/10/2012	
TITLE	KNIT	TING NEEDLE	1
PRIORITY NA			
DESIGN NUMBER		267798	
CLASS		28-02	
1)CHRISTIAN LOUBOUTIN, A 1 RUE VOLNEY, 75002 PARIS)F	
DATE OF REGISTRATION	2	28/11/2014	
TITLE	COSME	TIC CONTAINER	5009
PRIORITY	DATE	COLINEDA	
PRIORITY NUMBER	DATE	COUNTRY	
002475509-0006	03/06/2014	OHIM	
DESIGN NUMBER	26	8276	
CLASS		3-99	
1)TATA POWER SOLAR SYS 78, ELECTRONIC CITY, HOS KARNATAKA, INDIA	TEMS LIMITED, AN IN	DIAN COMPANY OF	
DATE OF REGISTRATION	18/12/2014		
TITLE	SOLAR PANEL MOUNTING FRAMEWORK UNIT		•
PRIORITY NA			

DESIGN NUMBER 26836	,1
CLASS 09-0	1

1)HYGIENIC RESEARCH INSTITUTE PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

602 SUPREME CHAMBERS, 6TH FLOOR, OFF. VEERA DESAI ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/12/2014
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	270555
CLASS	09-07

1)BAKSON DRUGS & PHARMACEUTICALS PVT LTD., AN INDIAN COMPANY, OF

A-51, SOUTH EXTENSION PART-1, NEW DELHI 110049, (INDIA)

DATE OF REGISTRATION	25/03/2015
TITLE	A BOTTLE CAP



PRIORITY NA

DESIGN NUMBER	272115
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015	
TITLE MORTISE HANDLE		
PRIORITY NA		



1	DESIGN NUMBER	269069
(CLASS	15-04

1) DEERE & COMPANY, A US CORPORATION OF

ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA

DATE OF REGISTRATION	23/01/2015
TITLE	HOOD FOR A WORK VEHICLE

PRIORITY

ı	IMOMIII		
	PRIORITY NUMBER	DATE	COUNTRY
	29/498797	07/08/2014	U.S.A.

-		
		/

DESIGN NUMBER 269572
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	12/02/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	222751
CLASS	28-03

1)THE GILLETTE COMPANY

PRUDENTIAL TOWER BUILDING, BOSTON STATE OF MASSACHUSETTS, U.S.A..

DATE OF REGISTRATION	04/05/2009
TITLE	SAFETY RAZOR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/327,609	10/11/2008	U.S.A.



DESIGN NUMBER			2	71388	
CLASS	ASS 12-16				
1)HELLA INDIA AUTOMO OF 6TH FLOOR, PLATIN HARYANA				PHASE-I, GURGAON,	
DATE OF REGISTRATION			15/	04/2015	
TITLE		HEAD I	LAMP LEV	ELLING ACTUATOR	
PRIORITY NA					
DESIGN NUMBER			2	68267	
CLASS			1	14-03	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEO REPUBLIC OF KOREA					
DATE OF REGISTRATION			18/	12/2014	
TITLE		BAND FOR	WEARBL	E ELECTRONIC DEVIC	E / / \\
PRIORITY	•				
PRIORITY NUMBER	I I				
30-2014-0041208 25/08/2014 REPUBLIC OF KOREA					
DESIGN NUMBER 268350					
CLASS 12-15					
1)COMPAGNIE GENERAL COMPANY OF 12 COURS S AND MICHELIN RECHERCHE LOUIS-BRAILLE 10, CH-176	ABLON	, FR-63000, (HNIQUE, S. <i>A</i>	CLERMO A., A SWIS YT, SWITZ	NT-FERRAND, FRANCE S COMPANY OF ROUTE ERLAND	E, / PROB
DATE OF REGISTRATION		23/12/2014			
TITLE		TYRE		YRE	
PRIORITY PRIORITY NUMBER DATE COUNTRY 2014-2783 DATE FRANCE					

DESIGN NUMBER	270650
CLASS	11-01

1)MR. MANISH JAIN; AN INDIAN NATIONAL WHOSE ADDRESS IS
127/129, BHAGAT BLDG, 2ND FLOOR, ZAVERI BAZAR, MUMBAI 400002,
MAHARASHTRA, INDIA

DATE OF REGISTRATION	27/03/2015
TITLE	CHAIN



PRIORITY NA

DESIGN NUMBER	272113
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE



PRIORITY NA

DESIGN NUMBER	269570
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	12/02/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	270799
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE,

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	222543
CLASS	06-04

1)WIPRO LIMITED

DODDAKANNELLI, SARJAPUR ROAD, BANGALORE-560 035, KARNATAKA, INDIA

DATE OF REGISTRATION	22/04/2009
TITLE	STORAGE UNIT



PRIORITY NA

001405716-0006

DESIGN NUMBER	265625
CLASS	24-01

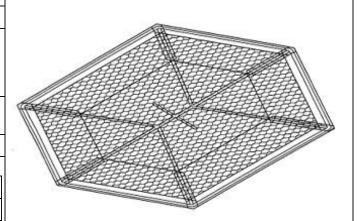
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	-	11/09/2014
TITLE	SURGICA	L MESH IMPLANT
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

12/03/2014

OHIM



DESIGN NUMBER	271089
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	270668
CLASS	12-11
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	

DATE OF REGISTRATION	27/03/2015
TITLE	MOTORCYCLE



IMOMII		
PRIORITY NUMBER	DATE	COUNTRY
2014-022121	03/10/2014	JAPAN

DESIGN NUMBER	272122
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	HANDLE

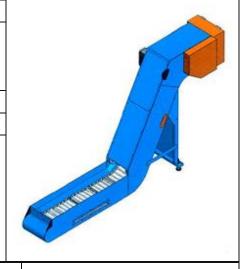


DESIGN NUMBER	268975
CLASS	12-05

1)SOVEREIGN TECH ENGINEERING SERVICES PVT. LTD., A PRIVATE LIMITED COMPANY HAVING ITS REGISTERED OFFICE AT

 $14\ \mathrm{MAHINDER}$ CHAMBERS, W.T. PATIL MARG, CHEMBUR, MUMBAI $400\ 701, \mathrm{INDIA}$

DATE OF REGISTRATION	20/01/2015
TITLE	CHIP CONVEYOR



PRIORITY NA

DESIGN NUMBER	269577	
CLASS	05-05	
1)SIDDHI VINAVAK KNOTS & PRINTS PVT LTD A COMPANY REGIS		

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	12/02/2015	
TITLE	TEXTILE FABRIC	



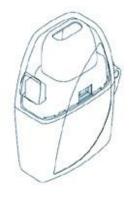
PRIORITY NA

DESIGN NUMBER	219783	
CLASS	24-04	

1)OTSUKA PHARMACEUTICAL CO., LTD. & OTSUKA TECHNO CORPORATION i) A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN

AT 2-9, KANDATSUKASAMACHI, CHIYODA-KU, TOKYO, JAPAN; ii) A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN AT 120-1 AZA ITAYASHIMA AKINOKAMI SETOCHO, NARUTO-SHI, TOKUSHIMA, JAPAN

DATE OF REGISTRATION	23/05/2008		
TITLE	INHALER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2008-013031	23/05/2008	JAPAN	



DESIGN NUMBER		271190	
CLASS		12-11	
1) DECATHLON, 4, BOULEVARD DE MONS, 596 COMPANY OF FRANCE	50 VILLENEUVE D'AS		
DATE OF REGISTRATION	0.	7/04/2015	₹
TITLE	SCOOT	TER FOR KIDS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	200
002552984-0002	08/10/2014	OHIM	
DESIGN NUMBER		267799	
CLASS		28-02	
1)CHRISTIAN LOUBOUTIN, A I 1 RUE VOLNEY, 75002 PARIS,		7	
DATE OF REGISTRATION	28	8/11/2014	
TITLE	COSMET	TIC CONTAINER	
PRIORITY PRIORITY NUMBER 002475509-0009	DATE 03/06/2014	COUNTRY OHIM	
DESIGN NUMBER		270556	(4.20)
CLASS		09-07	
1)BAKSON DRUGS & PHARMA COMPANY, OF A-51, SOUTH EXTENSION PAR	CEUTICALS PVT LTI	D., AN INDIAN	
DATE OF REGISTRATION	25	/03/2015	
TITLE	A BC	TTLE CAP	
PRIORITY NA			

DESIGN NUMBER	272116
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015	
TITLE	MORTISE HANDLE	
PRIORITY NA		



DESIGN NUMBER	269573	
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	12/02/2015	
TITLE	TEXTILE FABRIC	

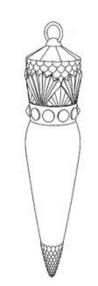


PRIORITY NA

DESIGN NUMBER	267800
CLASS	28-02

1)CHRISTIAN LOUBOUTIN, A FRENCH CITIZEN, OF 1 RUE VOLNEY, 75002 PARIS, FRANCE

DATE OF REGISTRATION	28/11/2014	
TITLE	COSMETIC CONTAINER	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002475509-0010	03/06/2014	OHIM

DESIGN NUMBER	2681	102	
CLASS	20-0	02	
1) PIAGGIO & C. S.P.A., A CO EXISTING UNDER THE LAWS VIALE RINALDO PIAGGIO, 2	OF ITALY, OF		
DATE OF REGISTRATION	10/12/	2014	
TITLE	SALES DISPL	AY STAND	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	₽.
002480095	11/06/2014	OHIM	
DESIGN NUMBER		268294	
CLASS		09-03	
PLACE OF BUSINESS AT 1950 PRATT BOULEVARD EI STATES OF AMERICA DATE OF REGISTRATION	· 	ILLINOIS,60007, UN 19/12/2014	(TED
TITLE PACKAGE			
PRIORITY			VIII //
PRIORITY NUMBER	DATE	COUNTRY	
29/494,444	20/06/2014	U.S.A.	
DESIGN NUMBER		272119	
CLASS		08-06	
1)SUMANGAL TECHNOCAST UNDER THE COMPANIES ACT BUSINESS AT ADDRESS: AIMS INDUSTRIAL PARK, S GOLDEN IND. AREA, KOTHARI	T , 1956) HAVING ITS F URVEY NO. 195/P 66, 8	PRINCIPAL PLACE 30 FEET ROAD, BEHI	OF
DATE OF REGISTRATION		13/05/2015	
TITLE		HANDLE	10 M
PRIORITY NA			

DESIGN NUMBER	269574
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	12/02/2015	
TITLE	TEXTILE FABRIC	

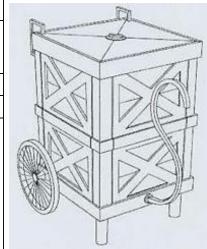


PRIORITY NA

DESIGN NUMBER	267217	
CLASS	09-03	

1)MARLIDO, LLC A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF CONNECTICUT, USA OF 326 BROOKSIDE ROAD, DARIEN, CT 06820, THE UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/11/2014	
TITLE	PORTABLE CONTAINER FOR WATER SUPPLY	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/492,885	03/06/2014	U.S.A.

DESIGN NUMBER	272195	
CLASS	02-04	
1)LIBERTY SHOES LIMITED, AN INDIAN		
COMPANY,		
OF LIBERTY PURAM, 13TH MILESTONE, GT		
WARNAL BOAR WITHIN DE WARNAL AGGOOD		

KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA

DATE OF REGISTRATION	18/05/2015	
TITLE	SHOE	





DESIGN NUMBER		268916	
CLASS			
1)BRIDGESTONE CORPORATI AND EXISTING UNDER THE LA MERCHANTS, OF 1-1, KYOBASHI 3-CHOME, CH	WS OF JAPAN, MANU	MPANY ORGANIZED FACTURES AND	
DATE OF REGISTRATION	T	5/01/2015	
TITLE	TIR	RE TREAD	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
JP2014-015710	18/07/2014	JAPAN	
DESIGN NUMBER		269463	
CLASS		14-02	
1)APPLE INC., 1 INFINITE LOOP, CUPERTING AMERICA, A CORPORATION INC			
DATE OF REGISTRATION	10	0/02/2015	
TITLE	WEARABLE E	LECTRONIC DEVICE	
PRIORITY PRIORITY NUMBER DATE COUNTRY		8	
	P		
	DATE	COUNTRY	0
29/499,082			0
DESIGN NUMBER		269562	0 0 0 0 0
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, I	MPANIES ACT, 1956 H	COMPANY REGISTERE IAVING ITS	D
DATE OF REGISTRATION	12/02/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	270777
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE,

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	270647	
CLASS	11-01	

1)MR. MANISH JAIN; AN INDIAN NATIONAL WHOSE ADDRESS IS
127/129, BHAGAT BLDG, 2ND FLOOR, ZAVERI BAZAR, MUMBAI 400002,
MAHARASHTRA, INDIA

DATE OF REGISTRATION	27/03/2015
TITLE	CHAIN



PRIORITY NA

PRIORITY NA

DESIGN NUMBER	272110
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE



DESIGN NUMBER	269567
CLASS	05-05
UNDER THE PROVISION OF COM REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED (PANIES ACT, 1956 HAVING ITS) ANDESARA, SURAT-394221 GUJARAT.
DATE OF REGISTRATION	12/02/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	270793
CLASS	05-05
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA. 30/03/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	271085
CLASS	05-05

DESIGN NUMBER	271085
CLASS	05-05
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074	
DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC

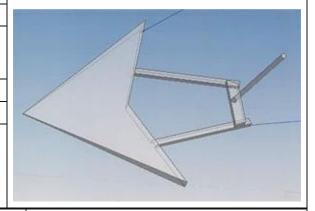




DESIGN NUMBER	271599
CLASS	15-03
1)DR MANISH RHARCAVA S/O SH K P RHARCAVA	

AT-186, VISHVESHWARIYA NAGAR EXTN., GOPALPURA BYE PASS, JAIPUR (RAJASTHAN) NATIONALITY-INDIAN

DATE OF REGISTRATION	22/04/2015
TITLE	PLOUGH



PRIORITY NA

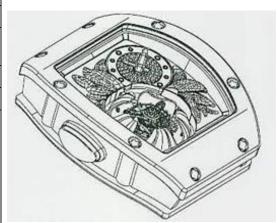
DESIGN NUMBER	272134
CLASS	10-02
1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A.,	

CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	14/05/2015
TITLE	WRISTWATCH WITHOUT BRACELET



PRIORITY NUMBER	DATE	COUNTRY
861445801	19/12/2014	WIPO



DESIGN NUMBER	268305
CLASS	09-03

1)M/S PROMENS (INDIA) PVT. LTD. WHOSE ADDRESS IS,-

601, VENUS ATLANTIS CORPORATE PARK, ANANDNAGAR ROAD,

RAHLADNAGAR, AHMEDABAD-380015, GUJARA1, INDIA	
DATE OF REGISTRATION	19/12/2014
TITLE	CONTAINER

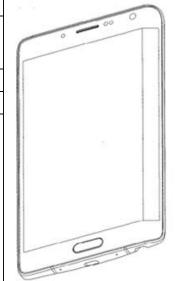


DESIGN NUMBER	270689
CLASS	14-03

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	27/03/2015	
TITLE	MOBILE PHONE	



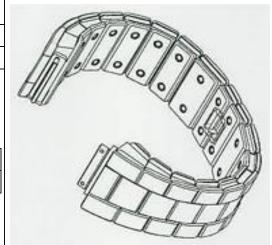
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0047856	02/10/2014	REPUBLIC OF KOREA

	DESIGN NUMBER	272137
	CLASS	10-02

1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	14/05/2015
TITLE	WATCH BRACELET



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
860437101	18/12/2014	WIPO

DESIGN NUMBER	270904
CLASS	10-04

1)BHASEEN HEALTH PRODUCTS PVT. LTD., 128-129, WARYANA INDUSTRIAL COMPLEX, LEATHER COMPLEX ROAD, JALANDHAR-144021 (PB.) INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2015
TITLE	PERSONAL WEIGHING SCALE



DESIGN NUMBER	271222
CLASS	23-04

1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

5 CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/04/2015
TITLE	AIR COOLER

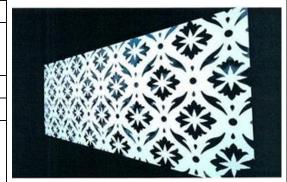


PRIORITY NA

DESIGN NUMBER	268089
CLASS	25-02
1)LEGACY GLOBAL PROJECTS PVT LTD, WHOSE ADDRESS IS	

1)**LEGACY GLOBAL PROJECTS PVT LTD, WHOSE ADDRESS IS**NO. 333, NOVA MILLER, THIMMAIAH ROAD, BANGALORE-560052,
INDIA

DATE OF REGISTRATION	09/12/2014
TITLE	SEPARATORS



PRIORITY NA

DESIGN NUMBER 270649	
CLASS	11-01
1)MR. MANISH JAIN; AN INDIAN NATIONAL WHOSE ADDRESS IS 127/129, BHAGAT BLDG, 2ND FLOOR, ZAVERI BAZAR, MUMBAI 400002, MAHARASHTRA, INDIA	
DATE OF REGISTRATION 27/03/2015	
TITLE	CHAIN



DESIGN NUMBER	272112
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, **INDIA**

DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE
PRIORITY NA	



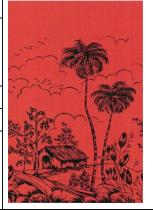
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PI	RINTS PVT. LTD. A COMPANY REGISTERED
UNDER THE PROVISION OF COMPANIES ACT. 1956 HAVING ITS	

269569

REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.

DATE OF REGISTRATION	12/02/2015	
TITLE	TEXTILE FABRIC	



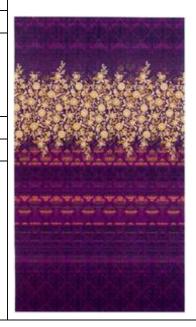
PRIORITY NA

DESIGN NUMBER

DESIGN NUMBER	270797	
CLASS	05-05	

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	30/03/2015	
TITLE	TEXTILE FABRIC	



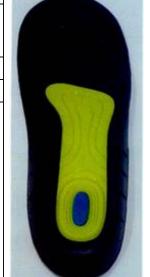
DESIGN NUMBER	22254	42	
CLASS	06-0	6	
1) WIPRO LIMITED DODDAKANNELLI, SARJAPUF INDIA	ROAD, BANGALORE-560 (035, KARNATAKA,	
DATE OF REGISTRATION	22/04/2	2009	
TITLE	SUPPORTI	NG LEG	
PRIORITY NA			
DESIGN NUMBER	26562	24	
CLASS	24-0	1	
1)JOHNSON & JOHNSON MED UNDER THE LAWS OF GERMAN ROBERT-KOCH-STRASSE 1, 22	Y OF		
DATE OF REGISTRATION	11/09/2	2014	
TITLE	SURGICAL MES	SH IMPLANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001405716-0005	12/03/2014	OHIM	
DESIGN NUMBER	27108	88	
CLASS	05-0	5	40 0 b
1)MR. SIDDHARATH BINDRA (CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSA DELHI-110074	ŕ		
DATE OF REGISTRATION	06/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	266883
CLASS	02-04

1) RECKITT BENCKISER (BRANDS) LIMITED,

A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH, BERKSHIRE SL1 3UH, UNITED KINGDOM

DATE OF REGISTRATION		22/10/2014	
	TITLE	INSOLE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002451534-0003	23/04/2014	OHIM

DESIGN NUMBER	270375
CLASS	23-04

1)GROUPE SEB INDIA PRIVATE LIMITED,

A-25, FIRST FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL AREA, NEW DELHI-110044, DELHI, INDIA

DATE OF REGISTRATION	16/03/2015
TITLE	FAN



PRIORITY NA

DESIGN NUMBER	270267
CLASS	12-16
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF	

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

TITLE AIR VENT SYSTEM FOR CONDITIONING OF A VEH	



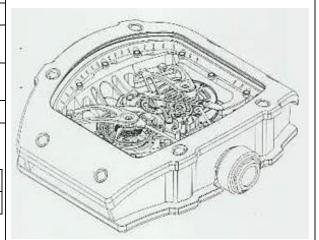
DESIGN NUMBER	272133	
CLASS	10-02	
1) TUDI EN HOLDING CA A CWICC COMPANY C/O CIDO CA		

1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	14/05/2015
TITLE	WRISTWATCH WITHOUT BRACELET



PRIORITY NUMBER	DATE	COUNTRY
860437201	18/12/2014	WIPO



DESIGN NUMBER	272135
CLASS	09-03
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF	

103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM

DATE OF REGISTRATION	14/05/2015
TITLE	DOSAGE PACKAGING FOR WASHING AGENTS



PRIORITY NUMBER	DATE	COUNTRY
002587782-0001	28/11/2014	OHIM



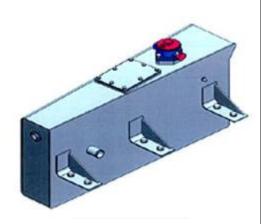
DESIGN NUMBER	270845
CLASS	12-16

1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT

UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421

DATE OF REGISTRATION	01/04/2015
TITLE	HYDRAULICK TANK ASSEMBLY OF CRANE





	1		
DESIGN NUMBER		269548	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & I UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P	MPANIES ACT, 1956 H	IAVING ITS	
DATE OF REGISTRATION	12	2/02/2015	
TITLE	TEXT	TLE FABRIC	
PRIORITY NA			
DESIGN NUMBER		268304	
CLASS		09-03	
1)M/S PROMENS (INDIA) PVT. LTD. WHOSE ADDRESS IS,- 601, VENUS ATLANTIS CORPORATE PARK, ANANDNAGAR ROAD, PRAHLADNAGAR, AHMEDABAD-380015, GUJARAT, INDIA			
DATE OF REGISTRATION	19	9/12/2014	ATTO
TITLE	CONTAINER		
PRIORITY NA			
DESIGN NUMBER		272136	
CLASS		09-03	
1)RECKITT BENCKISER (BRAN 103-105 BATH ROAD, SLOUGH			
DATE OF REGISTRATION	14	4/05/2015	
TITLE	DOSAGE PACKAGING FOR WASHING AGENTS		
PRIORITY PRIORITY NUMBER 002587782-0002	DATE 28/11/2014	COUNTRY OHIM	
	1	,	

DESIGN NUMBER	270903
CLASS	10-04

1)BHASEEN HEALTH PRODUCTS PVT. LTD., 128-129, WARYANA INDUSTRIAL COMPLEX, LEATHER COMPLEX ROAD, JALANDHAR-144021 (PB.) INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2015
TITLE	BABY WEIGHING SCALE



PRIORITY NA

DESIGN NUMBER	269549
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	12/02/2015
TITLE	TEXTILE FABRIC



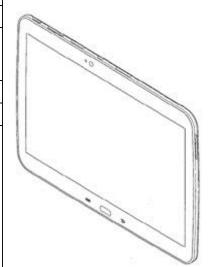
PRIORITY NA

DESIGN NUMBER	255675
CLASS	14-02
1)SAMSUNC ELECTRONICS CO. LTD	

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	06/08/2013
TITLE	TABLET COMPUTER



PRIORITY NUMBER	DATE	COUNTRY
30-2013-0009474	23/02/2013	REPUBLIC OF KOREA

DESIGN NUMBER	271985	
CLASS	03-01	
1)SAMSONITE IP HOLDINGS S.À LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBERTÉ,		
DATE OF REGISTRATION	0,	7/05/2015
TITLE	L	UGGAGE
PRIORITY PRIORITY NUMBER	DATE	COUNTRY
002575728-0001	12/11/2014	OHIM
002313120 0001	12/11/2017	OIIIIVI
DESIGN NUMBER		272138
CLASS		02-04
1) M/S. AEROBOK SHOE PVT. LT 1459, M.I.E., PART-II, BAHADUR PRIVATE LIMITED COMPANY]		/ANA], INDIA [AN INDI
DATE OF REGISTRATION	1.	4/05/2015
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	269127	
CLASS		15-07
1)GODREJ & BOYCE MFG. CO. I INCORPORATED UNDER THE CO GODREJ APPLIANCE, PLANT 11 MUMBAI-400079, INDIA	MPANIES ACT, 1913 PIROJSHANAGAR,	3, VIKHROLI (WEST),
DATE OF REGISTRATION	28/01/2015	
TITLE	REFRIGERATOR	
PRIORITY NA		

DESIGN NUMBER	270905	
CLASS	12-11	
AREA-A, LUDHIANA-141003 (PB)	FIRM WHOSE PROPRIETOR IS :- PARTISH	
DATE OF REGISTRATION	01/04/2015	
TITLE	CYCLE FRAME	
PRIORITY NA		
DESIGN NUMBER	270994	
CLASS	05-05	
CHANDER BINDRA,	INDIAN INHABITANT) S/O LATE SHRI SATISH L VILLA, NEAR CSKM SCHOOL, SATBARI, NEW	
DATE OF REGISTRATION	06/04/2015	× × × × × × × × × × × × × × × × × × ×
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	269552	
CLASS	05-05	D @ 8 8 8
UNDER THE PROVISION OF CO REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	12/02/2015	
TITLE	TEXTILE FABRIC	> 0 o a
PRIORITY NA		

DESIGN NUMBER	265370
CLASS	02-02

1)RAMSON EXPORTS (INDIA), 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141007 (PUNJAB), INDIA,

AN INDIAN PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- ARJUN SOOD AND KARUNA SOOD BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	02/09/2014
TITLE	T-SHIRT



PRIORITY NA

DESIGN NUMBER	263496		
CLASS	09-07		
1)PADIA, ASHISH AN INDIAN CITIZEN AS SOLE PROPRIETOR OF PETZ CREATION, AT B-73, WAZIRPUR INDUSTRIAL AREA, DELHI-110052			
DATE OF REGISTRATION	19/06/2014		
TITLE	BOTTLE CAP		



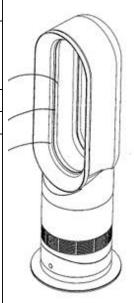
PRIORITY NA

DESIGN NUMBER	259709	
CLASS	23-04	
1)DYSON TECHNOLOGY LIMITED A COMPANY INCORDOD ATED LINDED		

1)DYSON TECHNOLOGY LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED KINGSDOM,

OF TETBURY HILL, MALMESBURY, WILTSHIRE, SN16 0RP, UNITED KINGDOM

DATE OF REGISTRATION	27/01/2014
TITLE	BLADELESS FAN



PRIORITY NUMBER	DATE	COUNTRY
001379531-0001	01/08/2013	OHIM

DESIGN NUMBER	272062
CLASS	12-05

1)TECTRONICS ENGINEERS, A REGISTERED PARTNERSHIP FIRM

AT 105, ROYAL COMPLEX, DHEBAR ROAD, BHUTKHANA CHOWK, RAJKOT-360002, GUJARAT, INDIA. WHOSE PARTNERS ARE: 1. VIJAY CHAKUBHAI MUNGAPARA, 2. PRAKASH CHAKUBHAI MUNGAPARA, 3. AMRISH JAGDISHBHAI PATEL, 4. KAILESH GANDUBHAI MOVALIA, 5. NAYAN MAGANBHAI MOVALIA, ALL INDIAN NATIONALS

DATE OF REGISTRATION	12/05/2015
TITLE	GEARLESS ELEVATOR MACHINE
DDIODITY NA	



PRIORITY NA

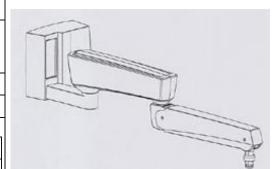
DESIGN NUMBER	272151
CLASS	16-05
A) CARL CRICCA KERVERICA A CARRON ARCAN CRICANICER AND	

1) CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY,

OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	15/05/2015		
TITLE	SURGICAL MICROSCOPE MOUNT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

PRIORITI NUMBER	DATE	COON	IKI
201430456635.3	19/11/2014	CHINA	
DESIGN NUMBER	270908		



DESIGN NUMBER	270908
CLASS	12-11

1)SUNRAJ CYCLE INDUSTRIES, B-21, TEXTILE COLONY, INDUSTRIAL AREA-A, LUDHIANA-141003 (PB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS: - PARTISH PATEL BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

5
ME

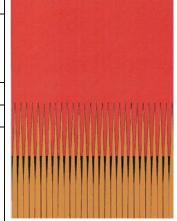


DESIGN NUMBER	269555
CLASS	05-05

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	12/02/2015
TITLE	TEXTILE FABRIC

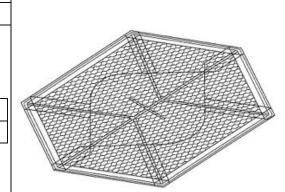


PRIORITY NA

DESIGN NUMBER	265623
CLASS	24-01
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED LINDER THE LAWS OF GERMANY OF	

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	11/09/2014
TITLE	SURGICAL MESH IMPLANT



PRIORITY

- 1			
	PRIORITY NUMBER	DATE	COUNTRY
	001405716-0004	12/03/2014	OHIM

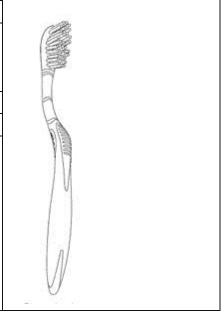
DESIGN NUMBER	271261
CLASS	04-02

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES **UNDER COMPANY NO. 41424 OF**

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	08/04/2015
TITLE	TOOTHBRUSH

PRIORITY NUMBER	DATE	COUNTRY
002559427-0004	17/10/2014	OHIM

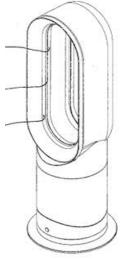


DESIGN NUMBER	259710
CLASS	23-04

1)DYSON TECHNOLOGY LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED KINGSDOM,

OF TETBURY HILL, MALMESBURY, WILTSHIRE, SN16 0RP, UNITED KINGDOM

DATE OF REGISTRATION	27/01/2014
TITLE	BLADELESS FAN



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001379531-0003	01/08/2013	OHIM

	DESIGN NUMBER	272068
CLASS 15-05	CLASS	15-05

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913,

GODREJ APPLIANCE, PLANT 11, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

TITLE WASHING MACHINE	DATE OF REGISTRATION	12/05/2015
	TITLE	WASHING MACHINE



PRIORITY NA

DESIGN NUMBER	272152
CLASS	16-05
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED	

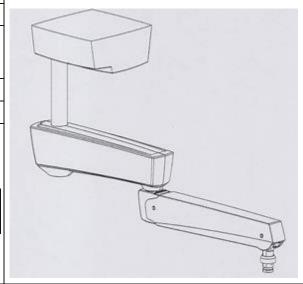
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY,

OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	15/05/2015	
TITLE	SURGICAL MICROSCOPE MOUNT	



н			
	PRIORITY NUMBER	DATE	COUNTRY
	201430456635.3	19/11/2014	CHINA



DESIGN NUMBER		269457	
CLASS		13-02	
1)APPLE INC., 1 INFINITE LOOP, CUPERTI AMERICA, A CORPORATION II			
DATE OF REGISTRATION	10	0/02/2015	
TITLE	CHARGER FOR	ELECTRONIC DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/498,998	11/08/2014	U.S.A.	
DESIGN NUMBER		269556	
CLASS		05-05	
A 26 CENTRAL DARK CIP	C DANIDECADA CUDAT 1	204221 CHIADAT	
A-26, CENTRAL PARK, GIDO DATE OF REGISTRATION	· · · · · · · · · · · · · · · · · · ·	2/02/2015	
A-26, CENTRAL PARK, GID DATE OF REGISTRATION TITLE	12		
DATE OF REGISTRATION TITLE	12	2/02/2015	
DATE OF REGISTRATION TITLE PRIORITY NA	12	2/02/2015	
DATE OF REGISTRATION	TEXT	2/02/2015	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ALEXANDER BAGUMA BA	271608 08-05 ARAK, AN AUSTRALIAN	2/02/2015 TILE FABRIC	000 000 000 A 000
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ALEXANDER BAGUMA BANATIONAL, OF THE ADDRES	271608 08-05 ARAK, AN AUSTRALIAN	2/02/2015 TILE FABRIC	000 4 000

COUNTRY

AUSTRALIA

DATE

24/10/2014

PRIORITY

15366/2014

PRIORITY NUMBER

DESIGN NUMBER	2	68650	
CLASS		25-01	
1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT 32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023, STATE OF MAHARASHTRA, INDIA			
DATE OF REGISTRATION	05/	/01/2015	
TITLE		TILE	
PRIORITY NA			
DESIGN NUMBER	2	72153	
CLASS		24-99	
1)CALLHEALTH SERVICES PVT OF FIRST FLOOR, JUBILEE CAS HILLS, HYDERABAD-33, ANDHRA	A, PLOT NO. 1246, RO		6
DATE OF REGISTRATION	15/	/05/2015	
TITLE	MEDICAI	CONTAINER	
DESIGN NUMBER] 2	.69458	
CLASS		14-02	
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA			
DATE OF REGISTRATION		/02/2015	
TITLE	WEARABLE EL	ECTRONIC DEVICE	_
PRIORITY PRIORITY NUMBER DATE COUNTRY 29/499,088 11/08/2014 U.S.A.			
27, 177,000	11/00/2014	C.G.A.	

DESIGN NUMBER	269557
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	12/02/2015
TITLE	TEXTILE FABRIC



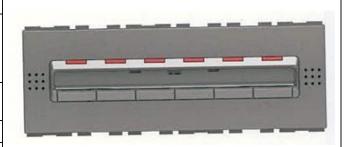
PRIORITY NA

DESIGN NUMBER	271625	
CLASS	13-03	

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	23/04/2015	
TITLE	BELL	
DD C D FEET ALL		



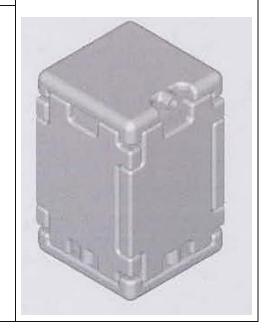
PRIORITY NA

DESIGN NUMBER	272154
CLASS	24-99

1) CALLHEALTH SERVICES PVT. LTD., AN INDIAN COMPANY,

OF FIRST FLOOR, JUBILEE CASA, PLOT NO. 1246, ROAD NO. 62, JUBILEE HILLS, HYDERABAD-33, ANDHRA PRADESH, INDIA

DATE OF REGISTRATION	15/05/2015	
TITLE	MEDICAL CONTAINER	



DESIGN NUMBER	269459
CLASS	14-02

1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015
TITLE	WEARABLE ELECTRONIC DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/499,091	11/08/2014	U.S.A.

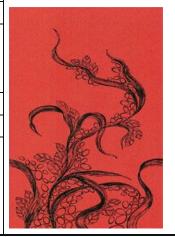


DESIGN NUMBER	269558
CLASS	05-05

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	12/02/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271627
CLASS	26-05

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	23/04/2015
TITLE	NIGHT LAMP



DESIGN NUMBER	270669
CLASS	12-16

1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF

1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN

DATE OF REGISTRATION	27/03/2015
TITLE	SIDE COVER FOR MOTORCYCLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-022123	03/10/2014	JAPAN



DESIGN NUMBER	270266
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK,

MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	11/03/2015

TITLE	BRACKET FOR MOUNTING SENSOR CONNECTOR OF A VEHICLE

PRIORITY NA

DESIGN NUMBER 2	272123	
CLASS	08-06	

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION		13/05/2015	
	TITLE	HANDLE	



DESIGN NUMBER	250887
CLASS	09-01

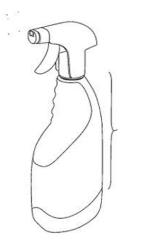
1)RECKITT BENCKISER LLC, A LIMITED LIABILITY COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A.,

OF MORRIS CORPORATE CENTER IV, 399 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054, U.S.A.

DATE OF REGISTRATION	09/01/2013	
TITLE	BOTTLE	



IMOMII			
PRIORITY NUMBER	DATE	COUNTRY	
002074864	17/07/2012	OHIM	

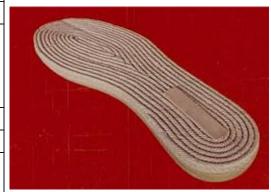


DESIGN NUMBER	271851	
CLASS	02-04	

1) GULSHAN INTERNATIONAL PVT. LTD.,

KH. NO. 22, VILLAGE & POST NATHUPUR, BEHIND-PUBLIC SCHOOL, NATHUPUR ROAD, DISTT.-SONEPAT, NATHUPUR-131029, HARYANA, INDIA. (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	01/05/2015	
TITLE	SOLE FOR FOOTWEAR	



PRIORITY NA

DESIGN NUMBER	271192	
CLASS	12-11	
1)DECATHLON		

1)DECATHLON,

4, BOULEVARD DE MONS, 59650 VILLENEUVE D'ASCQ, FRANCE, A COMPANY OF FRANCE

11011(02),1100(01111) 0111111(02)				
DATE OF REGISTRATION		07/04/2015		
TITLE	FO	FOOT REST FOR SCOOTER FOR KIDS		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002552984-0005		08/10/2014	OHIM	



DESIGN NUMBER	268413	
CLASS	16-05	

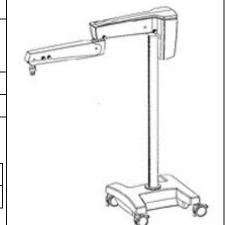
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF

GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	24/12/2014	
TITLE	STAND OF SURGICAL MICROSCOPE	



PRIORITY NUMBER	DATE	COUNTRY
201430212134.0	30/06/2014	CHINA

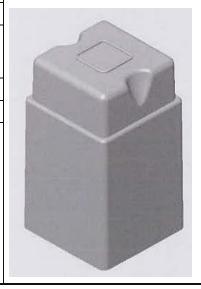


DESIGN NUMBER	272155
CLASS	24-99

1) CALLHEALTH SERVICES PVT. LTD., AN INDIAN COMPANY,

OF FIRST FLOOR, JUBILEE CASA, PLOT NO. 1246, ROAD NO. 62, JUBILEE HILLS, HYDERABAD-33, ANDHRA PRADESH, INDIA

DATE OF REGISTRATION	15/05/2015
TITLE	MEDICAL CONTAINER



PRIORITY NA

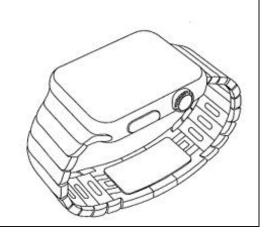
DESIGN NUMBER	269460
CLASS	14-02

1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015
TITLE	WEARABLE ELECTRONIC DEVICE

PRIORITY NUMBER	DATE	COUNTRY
29/499,090	11/08/2014	U.S.A.



DESIGN NUMBER	269559
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	12/02/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271629
CLASS	13-03
1)M/S GM MODULAR PVT. LTD., (A COMPANY	

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

(======================================	
DATE OF REGISTRATION	23/04/2015
TITLE	BELL



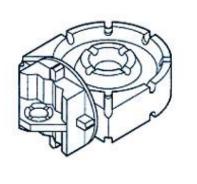
PRIORITY NA

DESIGN NUMBER	211940
CLASS	21-01

1)CHUN, SUN WOO,

OF 104-1804 PURUNMAEULSAMBU APARTMENT, 35/4 499-2 BUGAE-DONG, BUPYUNG-GU, INCHEON, POSTAL CODE 403-100, REPUBLIC OF KOREA

DATE OF REGISTRATION	21/02/2007		
TITLE	TOY BLOCK		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
30-2007-0007627		21/02/2007	KOREA



DESIGN NUMBER	259245
CLASS	14-03

1)MR. HAO WANG, A CITIZEN OF CHINA OF

ROOM 8C, BLOCK-2, HENGLI TINGHAI GARDEN, NO.38 GAO XIN SOUTH LOOP, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, CHINA

DATE OF REGISTRATION	06/01/2014		
TITLE		MOBILE CHARGING STATION	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
201330327038.6		12/07/2013	CHINA

272149

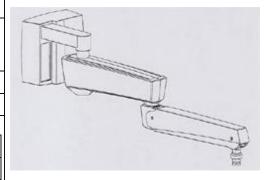


CLASS 16-05 1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND

1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY,

OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	15/05/2015		
TITLE	SURGICAL MICROSCOPE MOUNT		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
201430456635.3		19/11/2014	CHINA

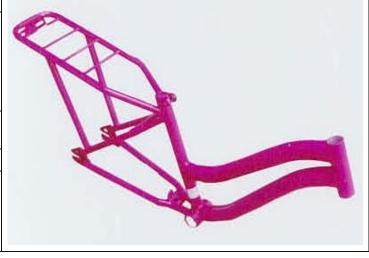


DESIGN NUMBER	270906	
CLASS	12-11	

1)SUNRAJ CYCLE INDUSTRIES, B-21, TEXTILE COLONY, INDUSTRIAL AREA-A, LUDHIANA-141003 (PB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- PARTISH PATEL BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2015	
TITLE	CYCLE FRAME	



PRIORITY NA

DESIGN NUMBER

DESIGN NUMBER	270995	
CLASS	05-05	

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

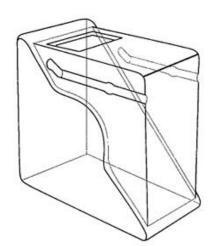
R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	261182	
CLASS	09-01	
1)HORS LIMITED, A COMPANY DULY ORGANIZED AND EXISTING UNDER LAWS OF CYPRUS OF NIKOU PATTICHI, 26, P.C. 3071, LIMASSOL, CYPRUS		
DATE OF REGISTRATION 21/03/2014		
TITLE	JAR	



PRIORITY NA

DESIGN NUMBER	269553	
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 12/02/2015		
TITLE	TEXTILE FARRIC	



DESIGN NUMBER 273615		
CLASS 26-06		
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN		
DATE OF DECISTRATION 12/02/2015		

DATE OF REGISTRATION 12/03/2015

TITLE REAR COMBINATION LAMP CASE FOR MOTOR SCOOTER

PRIORITY

ı	IMOMII			
	PRIORITY NUMBER	DATE	COUNTRY	
	2014-020331	12/09/2014	JAPAN	



 DESIGN NUMBER
 265621

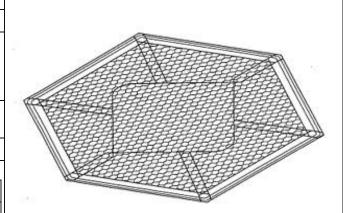
 CLASS
 24-01

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	11/09/2014	
TITLE	SURGICAL MESH IMPLANT	
DDIODITY		

PRIORITI			
PRIORITY NUMBER	DATE	COUNTRY	
001405716-0002	12/03/2014	OHIM	



DESIGN NUMBER 271240
CLASS 12-15

1)PODDAR TYRES LIMITED, JUGIANA, G.T. ROAD, LUDHIANA-141420 (PUNJAB) INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS

DATE OF REGISTRATION	08/04/2015
TITLE	TYRE FOR BICYCLE



DESIGN NUMBER	272	168	
CLASS	25-	-02	
1)DEPUTI COMMISSIONER OF COMMISSIONERATE, 24, BELILIOUS ROAD, P.O. & P. 711101, WEST BENGAL, INDIA, NA BODY UNDER GOVT. OF WEST BE PL/PB/14M-138/04 DATED: 28.08.20	SHOWRAH, DISTRICT TIONALITY-INDIAN, L ENGAL VIDE NOTIFICA	T-HOWRAH, PIN- LEGAL STATUS - A TION NO 3608-	
DATE OF REGISTRATION	15/05	//2015	
TITLE	SLOW MOVING VE	EHICLES CATCHER	
PRIORITY NA			
DESIGN NUMBER	2'	70772	
CLASS	()5-05	And the same and the same
COMPANY INCORPORATED UNI ACT, 1956, AND HAVING ITS'S RI SITUATED AT HANUMAN SILK OPP. HUMA MALL, MUMBAI-4000	EGISTERED OFFICE A MILL COMPOUND, KA 78 MAHARASHTRA, IN	T RELIABLE HOUSE, ANJURMARG (WEST), DIA	***************************************
DATE OF REGISTRATION TITLE		03/2015 LE FABRIC	
PRIORITY NA			
DESIGN NUMBER	2	69461	
CLASS	1	14-02	(Control Control
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, AMERICA, A CORPORATION INCO			
DATE OF REGISTRATION	10/02/2015		
TITLE	WEARABLE ELECTRONIC DEVICE		
PRIORITY PRIORITY NUMBER 29/499,080	DATE 11/08/2014	COUNTRY U.S.A.	

DESIGN NUMBER	269560
UNDER THE PROVISION OF COREGISTERED OFFICE AT	05-05 PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT.
DATE OF REGISTRATION	12/02/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	271631

BELL

CONTAINER

DESIGN NUMBER	271631	
CLASS	13-03	
1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)		
DATE OF REGISTRATION 23/04/2015		



DESIGN NUMBER	202345
CLASS	09-01
1)SWISS PERSONAL CARE PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 BARODA-JAMBUSAR N. HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.	
DATE OF REGISTRATION 14/12/2005	



PRIORITY NA

TITLE

TITLE

DESIGN NUMBER	271281
CLASS	15-05

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	09/04/2015
TITLE	WASHBOARD FOR WASHING MACHINE
PRIORITY	



PRIORITY NUMBER	DATE	COUNTRY
30-2014-0048843	10/10/2014	REPUBLIC OF KOREA

DESIGN NUMBER	272057
CLASS	06-01

1)GURMINDER SINGH, C/O. M/S. EVERSHINE TRADING CO.

OF 2951, ST. NO. 7, NEW JANTA NAGAR, A.T.I. COLLEGE ROAD, LUDHIANA-141003 (PUNJAB), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS

DATE OF REGISTRATION	12/05/2015
TITLE	ADJUSTABLE BABY CHAIR



PRIORITY NA

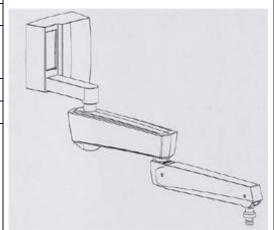
PRIORITY NUMBER

201430456635.3

DESIGN NUMBER	272150	
CLASS	16-05	
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY		
DATE OF REGISTRATION	15/05/2015	
TITLE	SURGICAL MICROSCOPE MOUNT	
PRIORITY		

DATE

19/11/2014



COUNTRY

CHINA

DESIGN NUMBER	268895
CLASS	24-01

1)M/S MY SKIN INC. WHOSE ADDRESS IS

123 TOWN SQUARE PLACE, SUITE 324, JERSEY CITY, NJ-07310, USA;

DATE OF REGISTRATION	15/01/2015
TITLE	PORTABLE SKIN IMAGING DEVICE
DDIODIET!	



ı	PRIORITY		
	PRIORITY NUMBER	DATE	COUNTRY
	29/496,682	16/07/2014	U.S.A.

DESIGN NUMBER	270907
CLASS	12-11

1)SUNRAJ CYCLE INDUSTRIES, B-21, TEXTILE COLONY, INDUSTRIAL AREA-A, LUDHIANA-141003 (PB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- PARTISH PATEL BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2015
TITLE	CYCLE FRAME



PRIORITY NA

DESIGN NUMBER 270	
CLASS 05	-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	

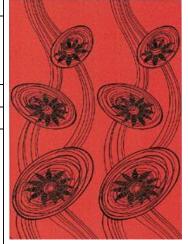


DESIGN NUMBER	269554
CLASS	05-05

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	12/02/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	265622
CLASS	24-01

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	11/09/2014
TITLE	SURGICAL MESH IMPLANT

PRIORITY

11101111		
PRIORITY NUMBER	DATE	COUNTRY
001405716-0003	12/03/2014	OHIM

DESIGN NUMBER	271259
CLASS	04-02

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	08/04/2015
TITLE	TOOTHBRUSH

IMOMIII			
PRIORITY NUMBER	DATE	COUNTRY	
002559427-0002	17/10/2014	OHIM	
·			



DESIGN NUMBER		268393	
CLASS	07-02		
1)MR. GHISULAL RATHOD, MR. MR. PANNALAL SHARMA, MR. JAMRS. SANGEETA RATHOD, MRS. RATHOD, ALL INDIAN NATIONAL OF M/S. CELLO INDUSTRIES, A PA	PRADEEP RATHOD, YANTILAL JAIN, MI BABITA RATHOD AI S TRADING UNDER	MR. PANKAJ RATHOD, R. GAURAV RATHOD, ND MRS. PAMPUBEN THE NAME AND STYLE	
THE PROVISION OF INDIAN PAR' ADDRESS AT CORPORATE AVENUE, 'B' WING GOREGAON (EAST), MUMBAI-4000	TNERSHIP ACT, 1932 G, CELLO HOUSE, SO	, HAVING OFFICE	
DATE OF REGISTRATION	24.	/12/2014	
TITLE	TIF	FIN BOX	
PRIORITY NA			
DESIGN NUMBER	2	270667	
CLASS		12-16	10
1)HONDA MOTOR CO., LTD., A J 1-1, MINAMI-AOYAMA 2-CHOM			
DATE OF REGISTRATION	27/03/2015		
TITLE	FRONT SIDE COWL FOR MOTORCYCLE		
PRIORITY			100
PRIORITY NUMBER	DATE	COUNTRY	
2014-022122	03/10/2014	JAPAN	
DESIGN NUMBER	272121		
CLASS		08-06	
1)SUMANGAL TECHNOCAST PV UNDER THE COMPANIES ACT, 19 BUSINESS AT ADDRESS: AIMS INDUSTRIAL PARK, SURV GOLDEN IND. AREA, KOTHARIYA,	56) HAVING ITS PRI EY NO. 195/P 66, 80 F	NCIPAL PLACE OF EET ROAD, BEHIND	
DATE OF REGISTRATION	13/05/2015		691
TITLE	HANDLE		
PRIORITY NA			

DESIGN NUMBER	271188	
CLASS	09-01	(SEITHERN)
1)M/S. SSP PLASTIPACK PVT. LT THE INDIAN COMPANIES ACT, 19 K-13, SECTOR-1, DSIIDC, BAWA		
DATE OF REGISTRATION	07/04/2015	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	222878	
CLASS	28-01	

DESIGN NUMBER	222878	
CLASS	28-01	
1)TROIKAA PHARMACEUTICALS LTD, COMMERCE HOUSE 1, SATYAMARG, BODAKDEV, AHMEDABAD-380 054 GUJARAT, INDIA.		
DATE OF REGISTRATION 14/05/2009		
TITLE	TABLET	
PRIORITY NA		

